

# **PANSA IWB**

## **(PILOT Module)**

### **Help**

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## **PANSA IWB – (PILOT Module) – Help**

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M\_PILOT-11925-01-RNP

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## Abbreviations and Acronyms

Abbreviation	Term
<b>A</b>	
A/C	Aircraft
ACARS	Aircraft Communications Addressing and Reporting System
ACK	Acknowledge/Acknowledgement
AD	Aerodrome
ADES	Airport of DESTination
ADEP	Airport of DEParture
ADIZ	Air Defence Identification Zone
ADF	Automatic Direction Finder
ADS	Automatic Dependent Surveillance
ADS-B	Automatic Dependent Surveillance - Broadcast
ADS-C	Automatic Dependent Surveillance - Contract
AFTN	Aeronautical Fixed Telecommunication Network
AGL	Above Ground Level
AIM	ATFCM Information Message
AIP	Aeronautical Information Publication
AIP AMDP	AIP amendment
AIREP	Air Report
AIRMET	Airman's Meteorological information
AIS	Aeronautical Information Service
AIXM	Aeronautical Information Exchange Model
ALT	Alternate aerodrome
ALTN	Alternate aerodrome
AM	Ante Meridiem
AMC	Airspace Management Cell
AMC D	AMC Danger area
AMC R	AMC Restricted area
AMDT	Amendment (e.g. AIP Amendment)
AMSL	Above Mean Sea Level

Abbreviation	Term
ANM	ATFM/ATFCM Notification Message
ANS	Air Navigation Service
APP	Approach (or Approach Control Service)
APV	Approach with Vertical Guidance
ARCID	Aircraft Identification
ARO	Air traffic services reporting office.
ARR	Arrive/Arrival
ASC	Ascending
ASHTAM	NOTAM for notification of volcanic ashes activity.
ASM	AirSpace Management
ATC	Air Traffic Control
ATFCM	Air Traffic Flow & Capacity Management
ATFM	Air Traffic Flow Management
ATN	Aeronautical Telecommunication Network
ATS	Air Traffic Services
ATZ	Aerodrome Traffic Zone
ATYP	Aircraft Type
AUM	<ol style="list-style-type: none"> <li>1. Airspace Usage Message</li> <li>2. Automatic processing (handled by the system)</li> </ol>
AUP	Airspace Usage Plan
AWACS	Airborne Warning and Control System
<b>B</b>	
BIRDTAM	NOTAM for notification of birds activity hazards
<b>C</b>	
CAT	Common Airspace Tool
Cat FUA	FUA(s) over EPWW FIR - messages distributed from CAT (Polish FUA)
CC	Concentric Circles
CHG	Change/Changed
CNL	Cancel/Cancelled

Abbreviation	Term
COMM/COM	Communication
CPDLC	Controller-Pilot Data Link Communications
.csv	Comma-separated values (Data format)
CTOT	Calculated Take-Off Time
CTR	Control zone
<b>D</b>	
D	Danger area
DAT	Data Link capability
DB	Database
DEP	Depart/Departure
DESC	Descending
DIV AD	Diversion Aerodrome
DLA	Delay/Delayed
DME	Distance Measuring Equipment
DOF	Date of Flight
Doc	Document
DPN	Designated Point
DRA	DRone Airspace
DRA - I	DRone Airspace Information
DRA - P	DRone Airspace Prohibition
DRA - R	DRone Airspace Restriction
DRF	Data Record File
DZ	Drone Zone
<b>E</b>	
EAUP	European Airspace Use Plan
EET	Estimated Elapsed Time
eFUA	AUPs/UUPs within Europe except of Poland (Message from NM B2B)
ELT	Emergency Locator Transmitter
ENR	En-Route
EOBD (T)	Estimated Off-Block Date (Time)

Abbreviation	Term
EOBT	Estimated Off-Block Time
ETA	Estimated Time of Arrival
EUUP	European Updated Airspace Use Plan
<b>F</b>	
FANS	Future Air Navigation System
FBZ	FPL Buffer Zone
FIR	Flight Information Region
FL	1. Flight Level 2. Flight Log
FMC	Flight Management Computer
FPL	Flight Plan
FR	Flight Rules
FSC	Flight Service Center
FUA	Flexible Use of Airspace
<b>G</b>	
GAMET	Area forecast for low-level flights
GBAS	Ground-Based Augmentation System
GDPR	General Data Protection Regulation
GEN	General
GLID	Glider
GND	Ground
GNSS	Global Navigation Satellite System
GPS/gps	Global Positioning System
.gpx	GPS Exchange Format
GUI	Graphical User Interface
<b>H</b>	
HB	Home Briefing
HF	High Frequency
HFDDL	High Frequency Data Link
HMI	Human Machine Interface

Abbreviation	Term
HP	Heliport
<b>I</b>	
IAS	Indicated Air Speed
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
ID	Identification, Identifier
IFPS	Integrated initial flight plan processing system
IFPUV	Initial Flight Plan Validation System
IFR	Instrument Flight Rules
IIFR	Intensive IFR
ILS	Instrument Landing System
INMARSAT	Network of geostationary telecommunications satellites (service provided by Inmarsat plc)
IWB	Integrated Web Briefing
<b>K</b>	
.kml	Keyhole Markup Language (Geographic data format)
.kmz	KML Zipped
<b>L</b>	
LDG	Landing
LOC	LOCAL time
LORAN	Long Range Air Navigation aid
LPV	Localizer Performance with Vertical guidance
<b>M</b>	
MAN	Manual processing (handled by a human)
MCTR	Military Control Zone
METAR	<ol style="list-style-type: none"> <li>1. Aviation routine weather report</li> <li>2. Meteorological aerodrome report</li> </ol>
MET	<ol style="list-style-type: none"> <li>1. Meteorological</li> <li>2. Meteorological</li> </ol>
METEO/ Meteo	<ol style="list-style-type: none"> <li>1. Meteorological</li> </ol>

Abbreviation	Term
2. Meteorological	
MLS	Microwave Landing System
MNPS	Minimum Navigation Performance Specification
MRT	Military Route
MTMA	Military Terminal Control Area
MTOW	Maximum Take-Off Weight
MTSAT	Multifunctional Transport Satellites
MSG	Message
MVFR	Marginal VFR
<b>N</b>	
NAV	Navigation
NAVAID	Navigational Aid
NDB	Non-Directional radio Beacon
NIL	Not available
NM	Nautical Mile
NM B2B	Network Manager business-to-business (Web services)
NMOC	Network Manager Operations Centre (previously called CFMU)
NOTAM	Notice To Airmen
<b>O</b>	
OPR	Operator
OPS	Operation
<b>P</b>	
P	Prohibited area
PANSA	Polish Air Navigation Services Agency
PBN	Performance Based Navigation
PC	Personal Computer
PDC	Pre-Departure Clearance
PDF/ .pdf	Portable Document Format (File format)
PIB	Pre-flight Information Bulletin
PIC	Pilot-In-Command

Abbreviation	Term
PL	Poland
PM	Post Meridiem
PNG/ .png	Portable Network Graphics (Raster-graphics file format)
POB	Persons on Board
P/R/D	Prohibited/ Restricted/ Danger areas
<b>Q</b>	
QNH	Atmospheric pressure adjusted to sea level
<b>R</b>	
R	Restricted area
RAD	Route Availability Document
RCP	Required Communication Performance
REG	1. Registration 2. Regional
REJ	Reject/Rejected
RMK	Remark
RNAV	Area Navigation
RNP	Required Navigation Performance
RPAS	Remotely Piloted Aircraft Systems (commonly known as drones)
RTF	RadioTelephone
RVSM	Reduced Vertical Separation Minimum
RWY	Runway
<b>S</b>	
SAM	Slot Allocation Message
SAT	Satellite
SATCOM	Satellite Communications
SBAS	Satellite-based Augmentation System
SDO	Static Data Operation
SIGMET	Significant Meteorological Information
SIGWIX	Significant Weather Chart defined by ICAO
SNOWTAM	Snow NOTAM

Abbreviation	Term
SR	Sun Rise
SS	Sun Set
SSR	Secondary Surveillance Radar
SUP	Supplement
SUR	Surveillance
SYNOP	Surface Synoptic Observations
SW	Software
<b>T</b>	
TACAN	UHF TACTical Air Navigation aid
TAF	Aerodrome Forecast (In meteorological code)
TAS	True Air Speed
TBN	To Be Notified
TMA	Terminal Control Area
TRA	Temporary Reserved Airspace
TSA	Temporary Segregated Area
TWR	Control Tower
<b>U</b>	
UAT	Universal Access Transceiver
UAV	Unmanned Aircraft Vehicle
UHF	Ultra High Frequency
UIR	Upper Flight Information Region
UNL	Unlimited height
URL	Uniform Resource Locator
UTC	Coordinated Universal Time
UUP	Updated AUP
<b>V</b>	
VA	Volcanic Ash
VDL	VHF Data Link
VFR	Visual Flight Rules
VHF	Very High Frequency

Abbreviation	Term
VIIFR	Very Intensive IFR
VOR	VHF Omnidirectional Radio range
<b>W</b>	
WARN	Web Application Message Protocol
WFS	Web Feature Service
WPT	Waypoint
WPR	Way Point Reporting
<b>X</b>	
xTAM (XTAM)	Universal abbreviation for messages: NOTAM, SNOWTAM, ASHTAM, BIRDTAM and others

## Definition of Terms

Term/Phrase	Definition
ACARS	ACARS is a digital datalink system for transmission of short, relatively simple messages between aircraft and ground stations via radio or satellite.
Attribute	A definite property of an entity; an attribute is identified by its name (title), type of data and, in some cases also by rules or limitations (such as a range of values)
Dataset	A file holding information on WHAT, WHERE and HOW to generate a map.  Map data can be contained in one or more datasets. Generally, dataset contains a reference to geo-data, i.e. vector and raster files.
Drawing	A group of user-defined object that are saved under a common name.
Drone	Remotely Piloted Aircraft Systems (commonly known as drones)
Drone zone (DZ)	An area of user-defined airspace within which flights of unmanned aircraft systems are permitted
Map	Graphic representation of physical features (natural, artificial or both) of a part or the whole of the earth's surface by compilation of map layers consisting of signs, symbols or photographic imagery, at an established scale, on a specified projection and the means of orientation indicated.
Map Data	A set of spatial data which can include vector, raster, and topographic data serving for a generation of map layers.
Map Layer	A dataset containing geographic objects with accompanying attributes. Map layers consist of raster or vector map data.  Layers can include raster and vector maps, text, map enhancements (scale and north arrow, grids, and frames), and commands.
Map Object	Graphical symbol or mark representing mission-specific information displayed on a map or user-defined object in a map layer.  Map object is specified at least by its position (geographic coordinates).
NM B2B	An interface provided by the EUROCONTROL Network Manager (NM) for system-to-system access to its services and data primarily over the Internet.
NOTAM	A notice containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations.

Term/Phrase	Definition
PANSA IWB (PILOT Module)	<p>Web-based SW application that displays up-to-date AIS data over basemaps.</p> <p>This application is designed for comprehensive flight preparation and planning, and provides information for pilots and other users.</p>
PERUN	A group of lightning detectors placed in different parts of Poland.
System Administrator	<p>A user with authority rights in charge of system administration of the PANSA, i.e. user group management, user management, system configuration to the required extent.</p> <p>System administrator creates and deletes user groups, creates and blocks user accounts, resets their passwords, and edits user profiles.</p>
User	A person logged into the application.
User-defined object	<p>A drawn object specified and created by the user by use of drawing tools, and displayed on a map (hereinafter to as "drawn object").</p> <p>Following drawn objects can be created: point, line/poly-line, circle, polygon and rectangle.</p>
User-defined point	A point defined by the user specified by its name and position (geographic coordinates).

# Chapter 1. Introduction

---

This document serves as a functional and operational guide.



## Important

*Before you start working with this application, please read the document carefully to become familiar with all functions included in your PANSА IWB (PILOT Module)..*

## 1.1. Document Identification

Product:	PANSА IWB (PILOT Module) - web application
Type of Document:	User Manual
SW Version:	4.5.2

## 1.2. General



## Important

*Except for a web browser, no other special SW installation is required for its operation.*

*Application can run on:*

- *Mozilla Firefox*
- *Google Chrome*
- *Microsoft Edge*
- *Apple Safari*

*It is advised for web browser to be updated to the latest version.*

*Other commonly used browsers have not been tested for a compatibility with the application, therefore the producer cannot guarantee correct operation when using web browsers other than the above mentioned ones.*

*For the application to work properly, you need:*

- *Stable Internet connection;*
- *Monitor with a minimum resolution of 1,920 by 1,080 pixels Full HD and a 16 Inch display (15.6 Inch for a notebook).*

This document is intended for users of the web application, and contains a description of its use.

**This application allows to:**

- view and manage published NOTAMs;
- view FPLS list;
- submit a new FPL;
- search FPLs;
- view current weather information;
- view newsletters;
- display and work with map layers;
- display static - SDO data (objects);
- display NOTAMs;
- display METEO data;
- generation of flight routes;



**Important**

*Individual functionalities of the application are available according to the type of logged-in user.*

*A layout and a set of menu items (functions) included in your PANSA IWB (PILOT Module) version are specified by the actual configuration and hence, they may not correspond with a description contained herein.*

*Special characters cannot be entered into the text fields of PANSA IWB (PILOT Module) application. Certain special characters (e.g. /) can be entered in specific cases where the data without the special character(s) would be deemed invalid.*



**Note**

*The pictures included in this manual are for illustration only, and may not correspond to what you see on your screen as they depend on the current PANSA IWB (PILOT Module) version, configuration of the application and type of logged in user.*

## Chapter 2. Operation Guide

---

### 2.1. Software Requirements

The PANSА IWB (PILOT Module) application runs in the following web browsers:

- Mozilla Firefox
- Google Chrome
- Microsoft Edge
- Apple Safari

It is recommended to update your web browser to its latest version.

Other web browsers have not been tested and so the functionality of the application cannot be guaranteed when using them.



#### Important

*For the application to work properly, you need:*

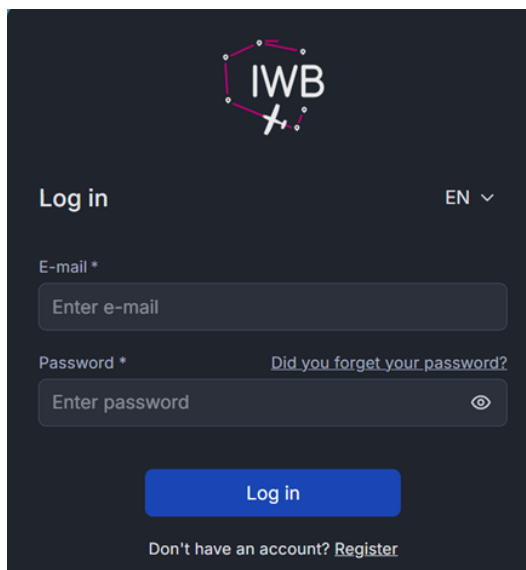
- *Stable Internet connection;*
- *Monitor with a minimum resolution of 1,920 by 1,080 pixels Full HD and a 16 Inch display (15.6 Inch for a notebook).*

### 2.2. Start

The PANSА IWB (PILOT Module) application is launched in the standard way of launching web applications in a web browser.

Enter the web address into the navigation panel of a web browser and press **Enter**.

After connecting to the PANSА IWB (PILOT Module) web application, a login window will appear (see the following figure).



**Fig. 2.1: Login window**



**Note**

*The application can be used by different groups of users with specific rights to access individual application functions (defined by the System Administrator).*

*Each user logs into the application under their own account.*

***User accounts are managed by the System Administrator on request.***

**To log in to the application, proceed as follows:**

1. Drop-down list for selecting the language of the HMI application: **EN** (English)/**PL** (Polish).

The default language is English.

2. Possible situations:

A. **You ARE a registered user**, continue with point 3.

B. **You ARE NOT a registered user**, click the **Register** hyperlink.

The registration form will appear (see the following figure).

Fig. 2.2: Registration form

### Important

***Befor logging into the application, we recommend that you familiarize yourself with the information at the bottom of the Register:***

***Disclaimer*** Click ***Read Disclaimer*** hyperlink to see the information about the responsibility for handling the information presented in the application.

***GDPR Privacy Policy*** Click ***GDPR Privacy Policy*** hyperlink to see the provisions relating to the protection of personal data in accordance with applicable GDPR version.

***Security Guidelines*** Click ***Security Guidelines*** hyperlink to see security regulations for using the application.

***Data Sources*** Click ***Data Sources*** hyperlink to see information on data sources used in the application.

To return to the ***Register***, click the ***X*** button.

**Note**

*If you have already created an user account, return to the login window by click the **Login** hyperlink and continue with point 3.*

- You can register for the user group:

**PILOT** Licensed pilot.

**STUDENT** Pilot without a license (student).

**Click the PILOT / STUDENT** button to select your user group (user type).

Accordingly, access to individual functions of the application is enabled/disabled.

- The content of the registration form depends on the selected user group.

**Important**

*Mandatory fields are marked with a \* (star).*

*The application will highlight a field if it is filled in incorrectly or left blank.*

*The password must have at least: 8 characters, 1 uppercase letter and 1 special character (e.g. &, @, etc.).*

*The system may randomly ask the user to verify that they are not a robot. A window will appear to solve the task (sample - following picture).*

*After successfully solving the task, you can continue with the registration.*

*You can only submit a completed and correctly filled out registration.*

Fill out the form and click the **Submit Registration** button to send the registration for approval to ARO Warszawa.

A request for the registration approval is sent to the system administrator.

You will be notified by e-mail whether your registration was approved or rejected, and in case of successful registration, you will receive your personal login details. ARO Warszawa informs the users about their successful registration by phone as well.

- 3. **Fill in your e-mail and password** into the mandatory fields.

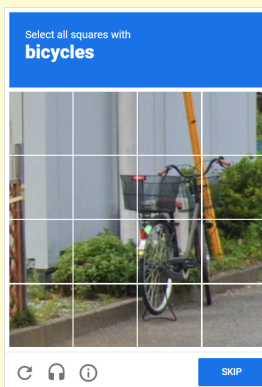
To view and check the inserted characters in the password text field, click the icon.

**Confirm** your data by click the **Log in** button.

**Note**

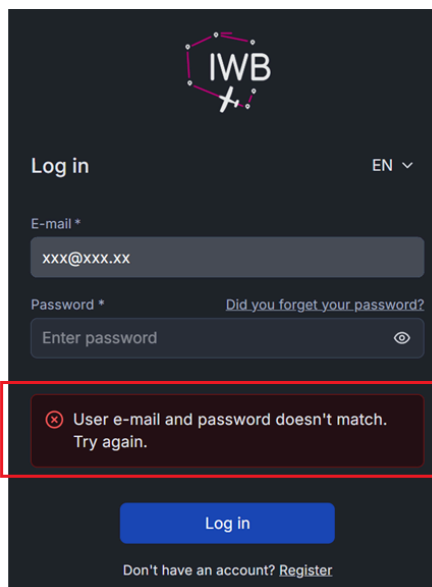
The system may **randomly** request user verification to ensure that you are not a robot. A window will appear in which you must solve a task (example shown in the following image).

After correct verification, the user will be logged in.



- 4. **In case incorrect login credentials have been entered**, a warning message will be displayed (see an example below).

Please try logging in again.



**Warning**

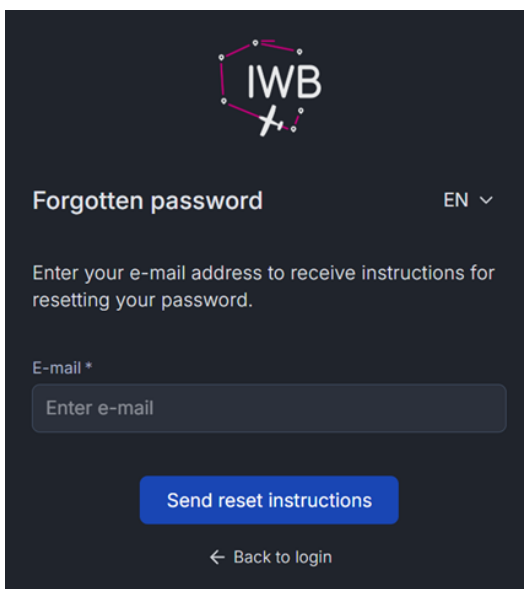
***Incorrect credentials can be entered up to 5 times.***

*The user's account will be temporarily blocked and a warning message will be displayed.*

*It is necessary to wait for a certain time (e.g. 10 minutes, depending on the current configuration of the application) to log in again.*

5. **If you have forgotten your password**, you need to click the link **Forgot password?**.

A window will appear (see the following picture).



**You can perform the following actions:**

- A. **To return back** to the login window, click the **← Back to login** button.

Try logging in again (1).

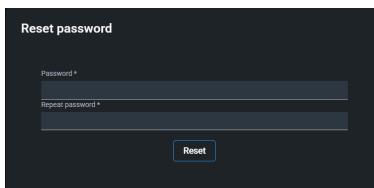
- B. **To change the password** you need to enter a valid e-mail and confirm it with the **Send reset instructions** button.

Instructions for changing the password will be sent to this e-mail.

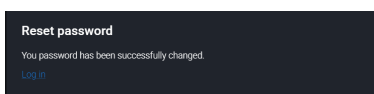
- C. In the received email, click the link **Click here to renew**.

You will be redirected to a page to create a new password.

- D. In the Reset password window, **type a new password** in the **Password\*** text box and type it again in the **Repeat password\*** box.



- E. Click **Reset** to change your password.
- F. You will be informed that the password has been successfully changed. Click the **Log in** link to display the login window to the file.



**Important**

*When the request for a new password expires, i.e., if the user does not click the link in the e-mail message to set a new password within the specified time, the password must be requested again.*

*The user is notified of the exact period of validity of the request in the related e-mail message.*

- 6. If the login is correct, the main window of the PANSA IWB (PILOT Module) web interface will be displayed.

**Important**

*After launching the application, it is recommended to adjust the zoom of the application's web page in the web browser according to your needs.*

## 2.3. Log out



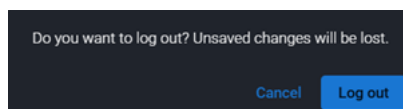
### Important

*Before logging out of the PANSА IWB (PILOT Module) application, make sure you've saved any desired changes you've made to the application.*

***Unsaved changes will be lost by logging out!***

To log out of your current PANSА IWB (PILOT Module) application user account, click **Log out** in the Logged in User Indicator submenu (see **chap. 3.6 (page 95)**).

A dialog window will be displayed to confirm your intention to log out of the application.



**You can perform the following actions:**

- A. **To return** to the application, click the **Cancel** button.

The dialog window closes.

You can continue working with the application and saved desired changes.

- B. **Warning**

***Unsaved changes will be lost!***

**To log out** of the application, click the **Log out** button.

The PANSА IWB (PILOT Module) Login window will be displayed, see **fig. 2.1 (page 20)**.

## 2.4. Application Features

The PANSА IWB (PILOT Module) application provides the following functions:



### Important

*The available functions also depend on the type of logged-in user.*

- Selection of GUI language

### Note

*The functionality IS available for some language mutations.*

- Overview of all published NOTAM messages;
- Overview of current weather messages (e.g.: METAR, TAF, SIGMET etc.);
- Geographic data display
- Display of SDO data
- Display of dynamic data (such as FPL, MET, NOTAM etc.)
- Display operations in map window (zoom, centre, etc.);
- Display of object properties;
- Flight route definition and display;
- Flight route storage and export;
- Presentation of A/C flying range;
- Display of data source list;
- Search and retrieval, in a database, of important places/sites and SDO objects;
- Drawing of user-defined objects on a map;
- Distance and area size measurement;
- Display of current status information;
- Quick help (Tooltips);
- Help - user manual (PDF format).

# Chapter 3. GUI Description

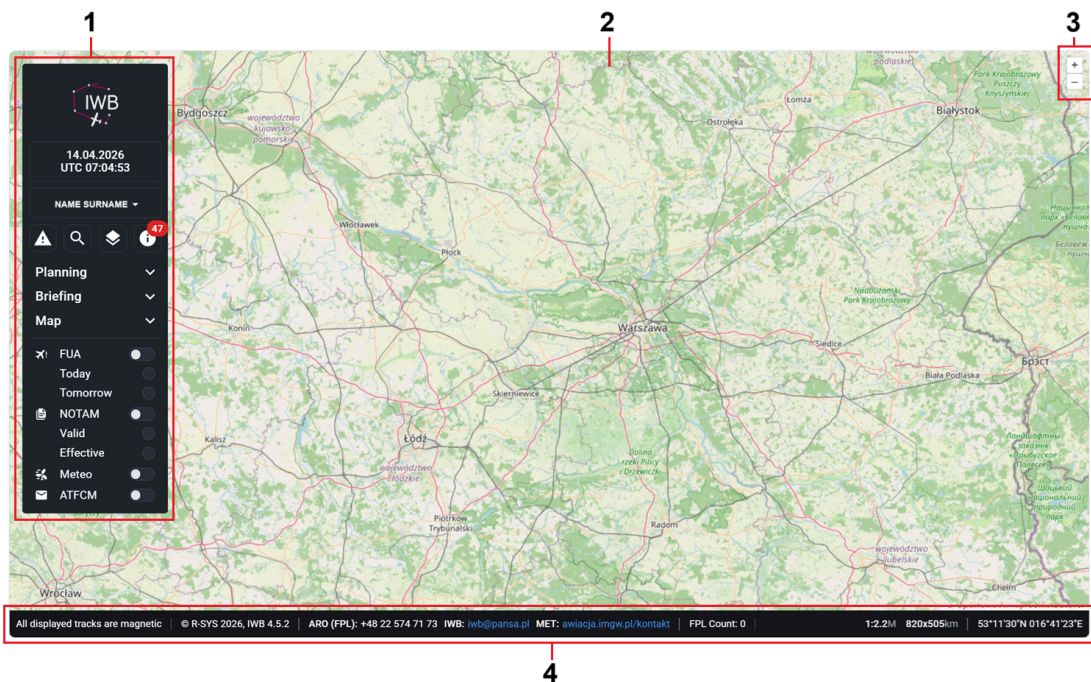
## 3.1. The Main Web Interface Window

After the user has successfully logged in, the web interface of the main PANSA IWB (PILOT Module) application window is displayed (see the following figure).



**Note**


For description of logging into the application see **chap. 2.2 (page 19)**.



**Fig. 3.1: The PANSA IWB (PILOT Module) main window**

**Legend:**

1. **Control Panel**, see **chap. 3.3 (page 30)**
2. **Map Window**, see **chap. 3.4 (page 39)**
3. **Buttons to zoom in/out ("zoom in")** in the map window:

 **Zoom-in** (increase a size) of the view

 **Zoom-out** (decrease a size) of the view

4. **Information Bar** of the PANSA IWB (PILOT Module) application, see **chap. 3.5 (page 94)**

### 3.2. Main Menu

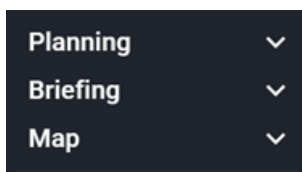
**Main Menu** provides an access to PANSA IWB (PILOT Module) key functions.

It is located in the application control panel, see **chap. 3.3 (page 30)**.



**Note**

*Availability and ordering of the functionalities in the main menu depends on the current configuration and the type of logged-in user.*



**Fig. 3.2: The Main Menu of the PANSA IWB (PILOT Module)**

The Main Menu may contain the following items (in alphabetical order):

Menu Item	Description
<b>Briefing</b>	Displays the submenu of items to provide specific information needed for flight planning.  For a description of this submenu see <b>chap. 3.8 (page 249)</b> .
<b>Map</b>	Displays the submenu of items for working with map.  For a description of this submenu see <b>chap. 3.9 (page 305)</b> .
<b>Planning</b>	Displays the submenu of items for flight planning.  For a description of this submenu see <b>chap. 3.7 (page 101)</b> .

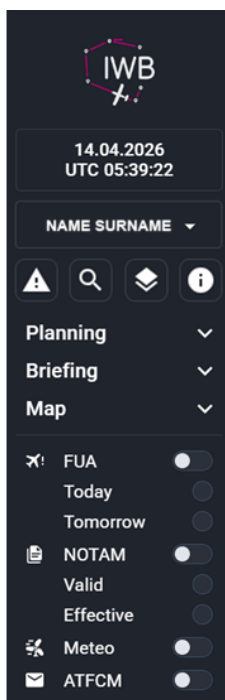
### 3.3. Control Panel

**Control Panel** provides an access to PANSA IWB (PILOT Module) key functions.



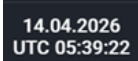
**Note**




*The set of functions in the Control Panel depends on the type of logged in user.  
Ordering of the functionalities in the Control Panel depends on the current application configuration.*

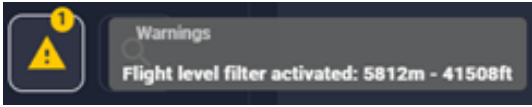








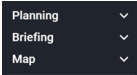


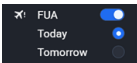



**Fig. 3.3: The Main Menu of the PANSA IWB (PILOT Module)**

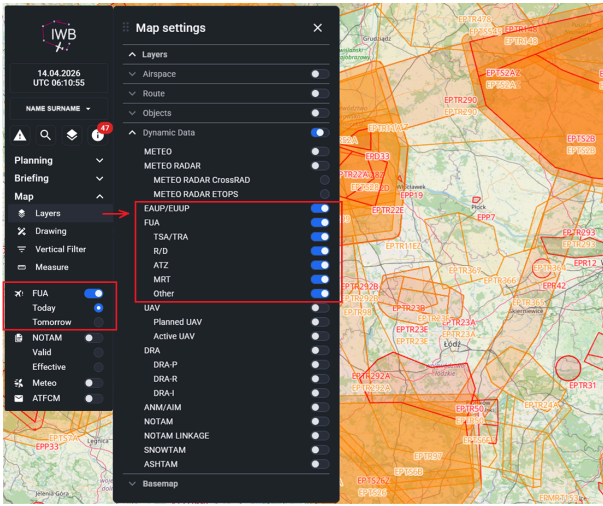

The Control Panel may contain the following items:

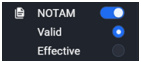





Control Element	Description
	<p><b>DATE &amp; TIME</b></p> <p>Indicator displaying the current date and time:</p> <ul style="list-style-type: none"> <li>• <b>LOC</b> - local system time or</li> <li>• <b>UTC</b> - coordinated universal time</li> </ul> <p><b>Click on the indicator</b> to switch time from LOC to UTC or vice versa.</p>

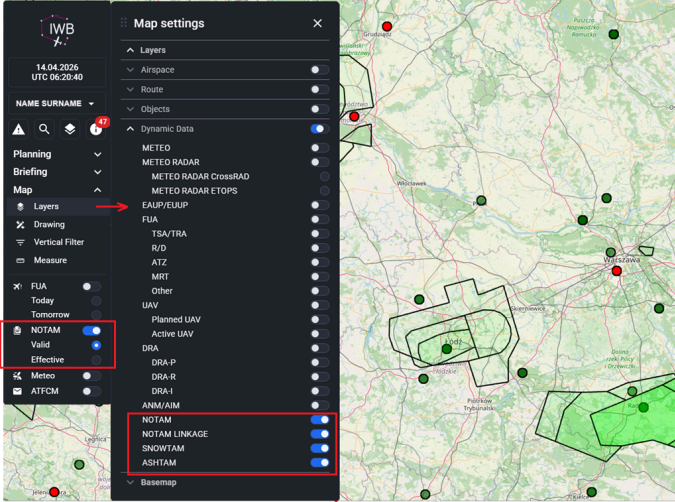

Control Element	Description
	<p><b>LOGGED USER</b></p> <p>Indicator displaying the user's first and last name or the name of the organization to which the user is assigned.</p> <p><b>Click on the indicator</b> to show/hide the submenu of functions related to the logged-in user.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>For description of the logged user indicator, see <b>chap. 3.6 (page 95)</b> .</i></p> </div>
 	<p><b>DATA VALIDITY</b></p> <p>Indicator notifying the user:</p> <p>A. that new system messages from ARO are available and/or</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>The function is available depending on the current application configuration.</i></p> </div> <p>B. that application data:</p> <ul style="list-style-type: none"> <li>• validity has not been verified and/or</li> <li>• become valid in the future and/or</li> <li>• are filtered according to the applied vertical filter (FL filter).</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>For description of the vertical filter, see <b>chap. 3.9.2 (page 310)</b> .</i></p> </div> <p><b>The number on the indicator</b></p> <p>The number indicates the current count of notifications.</p>


Control Element	Description
	<p><b>Note</b></p> <p><i>The number is displayed if at least one notification exists.</i></p> <p><b>Tooltip</b></p> <p>Hover your mouse over the indicator to display a tooltip with the relevant notification.</p> <p>The following image shows an example of an tooltip.</p> <p><b>Note</b></p> <p><i>The tooltip is displayed if at least one notification exists.</i></p> 
	<p><b>MAP SEARCH</b></p> <p>Icon for a search in a database of important places/sites and SDO objects.</p> <p><b>Click on the  icon to open/close the <b>Map Search</b> window, designed to specify and start the search.</b></p> <p><b>Note</b></p> <p><i>For description of the Map Search window, see <b>chap. 3.4.6 (page 90)</b> .</i></p>
	<p><b>LAYERS (Map)</b></p> <p>Icon for setting display layers in the map window.</p> <p><b>Click on the  icon to open/close the <b>Map Settings</b> window to set layers to be displayed in map window.</b></p> <p><b>Note</b></p> <p><i>For description of the Map Settings window, see <b>chap. 3.9.1 (page 306)</b> .</i></p>

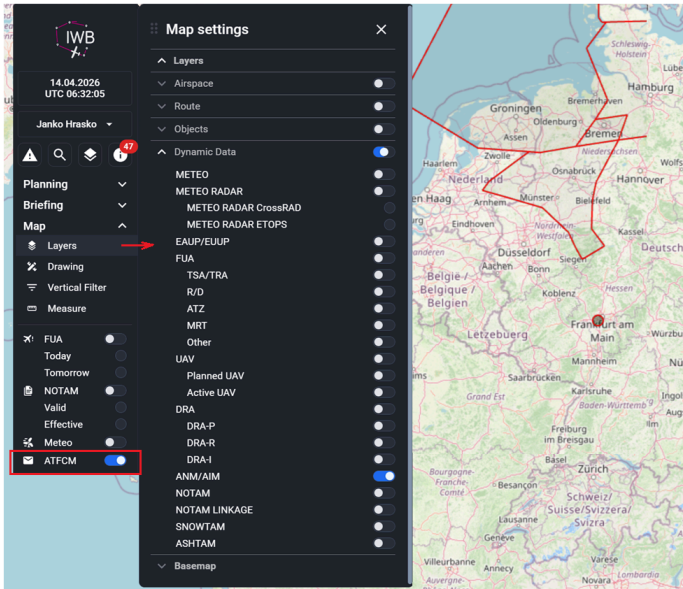
Control Element	Description						
	<p><b>NEWS</b> (newsletters)</p> <p>Icon for displaying new system messages (news/newsletters) sent to the system by the FSC (ARO) user.</p> <p><b>Click on the  icon</b> to open/close the <b>News</b> window, designed to view the list of all active newsletters and newsletters in archive.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For description of the News window, see <b>chap. 3.8.8 (page 301)</b> .</i></p> </div> <p><b>The number on the indicator</b></p> <p>The number indicates the current count of unread newsletters.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The number is displayed if at least one unread newsletter exists.</i></p> </div>						
	<p><b>MAIN MENU</b></p> <p>Menu contains:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;"><b>Planning</b></td> <td>Submenu for flight planning See <b>chap. 3.7 (page 101)</b> .</td> </tr> <tr> <td style="text-align: center;"><b>Briefing</b></td> <td>Submenu to provide specific information needed for flight planning See <b>chap. 3.8 (page 249)</b> .</td> </tr> <tr> <td style="text-align: center;"><b>Map</b></td> <td>Submenu for working with the display in the map window See <b>chap. 3.9 (page 305)</b> .</td> </tr> </table> <p><b>Click on the  /  button</b> of main menu item to expand/collapse the respective submenu.</p>	<b>Planning</b>	Submenu for flight planning See <b>chap. 3.7 (page 101)</b> .	<b>Briefing</b>	Submenu to provide specific information needed for flight planning See <b>chap. 3.8 (page 249)</b> .	<b>Map</b>	Submenu for working with the display in the map window See <b>chap. 3.9 (page 305)</b> .
<b>Planning</b>	Submenu for flight planning See <b>chap. 3.7 (page 101)</b> .						
<b>Briefing</b>	Submenu to provide specific information needed for flight planning See <b>chap. 3.8 (page 249)</b> .						
<b>Map</b>	Submenu for working with the display in the map window See <b>chap. 3.9 (page 305)</b> .						
	<p><b>FUA</b></p> <p><b>Click on the FUA switch</b> to enable  / disable  FUA display in the map window.</p> <p>When the FUA switch is <b>on</b> :</p>						

Control Element	Description				
	<ul style="list-style-type: none"> <li>the Layers/Dynamic Data/ <b>EAUP/EUUP</b> a <b>FUA</b> layer in the map window is automatically <b>activated</b> <input checked="" type="checkbox"/>;</li> <li><b>Today</b> radio button is <b>on</b> <input checked="" type="radio"/> (see description below).</li> </ul> <p><b>Note</b></p> <p><i>For a description of the layers displayed in map window, see <b>chap. 3.9.1 (page 306)</b> .</i></p> <p><i>For a description of the FUA(s) display, see <b>chap. 3.4.5 (page 59)</b> .</i></p>  <p>FUA information is presented in the "FUA" layer depending on which radio button Today/Tomorrow is enabled <input checked="" type="radio"/>:</p> <table border="1"> <tr> <td><b>Today</b></td> <td>An indication of the currently valid FUA information is displayed.</td> </tr> <tr> <td><b>Tomorrow</b></td> <td>An indication of the FUA information planned for tomorrow is displayed.</td> </tr> </table> <p><b>Note</b></p> <p><i>This status is indicated by the red highlighting of the  indicator.</i></p>	<b>Today</b>	An indication of the currently valid FUA information is displayed.	<b>Tomorrow</b>	An indication of the FUA information planned for tomorrow is displayed.
<b>Today</b>	An indication of the currently valid FUA information is displayed.				
<b>Tomorrow</b>	An indication of the FUA information planned for tomorrow is displayed.				

Control Element	Description
	<p><b>NOTAM</b></p> <p>Click on the <b>NOTAM switch</b> to enable  / disable  show, in a map window marks of aerodromes/FIRs for which following message are issued:</p> <ul style="list-style-type: none"> <li>• NOTAM</li> <li>• NOTAM LINKAGE</li> <li>• SNOWTAM</li> <li>• ASHTAM</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For a description of the indication of these messages, see <b>chap. 3.4.5 (page 59)</b> .</i></p> </div> <p>When the NOTAM switch is <b>on</b> :</p> <ul style="list-style-type: none"> <li>• the following layers:                     <ul style="list-style-type: none"> <li>• Layers/Dynamic Data/<b>NOTAM</b>;</li> <li>• Layers/Dynamic Data/<b>NOTAM LINKAGE</b>;</li> <li>• Layers/Dynamic Data/<b>SNOWTAM</b>;</li> <li>• Layers/Dynamic Data/<b>ASHTAM</b>;</li> </ul> </li> </ul> <p>in the map window are automatically <b>activated</b> ;</p> <ul style="list-style-type: none"> <li>• <b>Valid</b> radio button is <b>on</b>  (see description below).</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For a description of the layers displayed in map window, see <b>chap. 3.9.1 (page 306)</b> .</i></p> </div>

Control Element	Description						
	 <p>NOTAM Information is presented in the respective layer depending on which radio button Valid/Effective is enabled <input checked="" type="radio"/>:</p> <table border="1"> <tr> <td><b>Valid</b></td> <td>Setting the toggle button to Valid displays NOTAM messages effective currently and in the future.</td> </tr> <tr> <td colspan="2"> <p><b>Note</b></p> <p><i>The color coding of these two types of NOTAM messages depends on the current application configuration.</i></p> </td> </tr> <tr> <td><b>Effective</b></td> <td>Setting the toggle button to Effective displays NOTAM messages effective currently.</td> </tr> </table>	<b>Valid</b>	Setting the toggle button to Valid displays NOTAM messages effective currently and in the future.	<p><b>Note</b></p> <p><i>The color coding of these two types of NOTAM messages depends on the current application configuration.</i></p>		<b>Effective</b>	Setting the toggle button to Effective displays NOTAM messages effective currently.
<b>Valid</b>	Setting the toggle button to Valid displays NOTAM messages effective currently and in the future.						
<p><b>Note</b></p> <p><i>The color coding of these two types of NOTAM messages depends on the current application configuration.</i></p>							
<b>Effective</b>	Setting the toggle button to Effective displays NOTAM messages effective currently.						
	<p><b>Meteo</b></p> <p>Click on the <b>Meteo switch</b> to enable <input checked="" type="checkbox"/> / disable <input type="checkbox"/> show, in a map window marks of aerodromes/FIRs for which METEEO messages are issued.</p> <p>Types of METEEO messages:</p> <ul style="list-style-type: none"> <li>• <b>METAR</b> (for aerodrome)</li> <li>• <b>TAF</b> (for aerodrome)</li> <li>• <b>SIGMET</b> (for FIR and aerodrome)</li> <li>• <b>GAMET</b> (for FIR)</li> <li>• <b>AIRMET</b> (for FIR)</li> <li>• <b>AD WARN</b> (for aerodrome)</li> </ul>						

Control Element	Description
	<p><b>Note</b></p> <p><i>For a description of the METEO messages indication, see <b>chap. 3.4.5 (page 59)</b> .</i></p> <p>When the <b>Meteco</b> switch is <b>on</b> <input checked="" type="checkbox"/> the Layers/Dynamic Data/<b>METEO layer</b> in the map window is automatically <b>activated</b> <input checked="" type="checkbox"/>, and the legend for METEO messages indication is displayed.</p> <p><b>Note</b></p> <p><i>For a description of the displayed layers in map window, see <b>chap. 3.9.1 (page 306)</b> .</i></p> 
	<p><b>Click on the <b>ATFCM</b> switch</b> to enable <input checked="" type="checkbox"/> / disable <input type="checkbox"/> show an indication of ANM (REG) and AIM message type in a map window for those aerodrome(s)/airspace(s) for which the message has been issued.</p> <p><b>Note</b></p> <p><i>For a description of the ATFCM messages indication, see <b>chap. 3.4.5 (page 59)</b> .</i></p> <p>When the ATFCM switch is <b>on</b> <input checked="" type="checkbox"/> the Layers/Dynamic Data/<b>ANM/AIM layer</b> in the map window is automatically <b>activated</b> <input checked="" type="checkbox"/>.</p>

Control Element	Description
	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px;"><p>For a description of the layers displayed in map window, see <b>chap. 3.9.1 (page 306)</b>.</p></div> 

### 3.4. Map Window

The map window provides a graphical display of AIS data on a map.

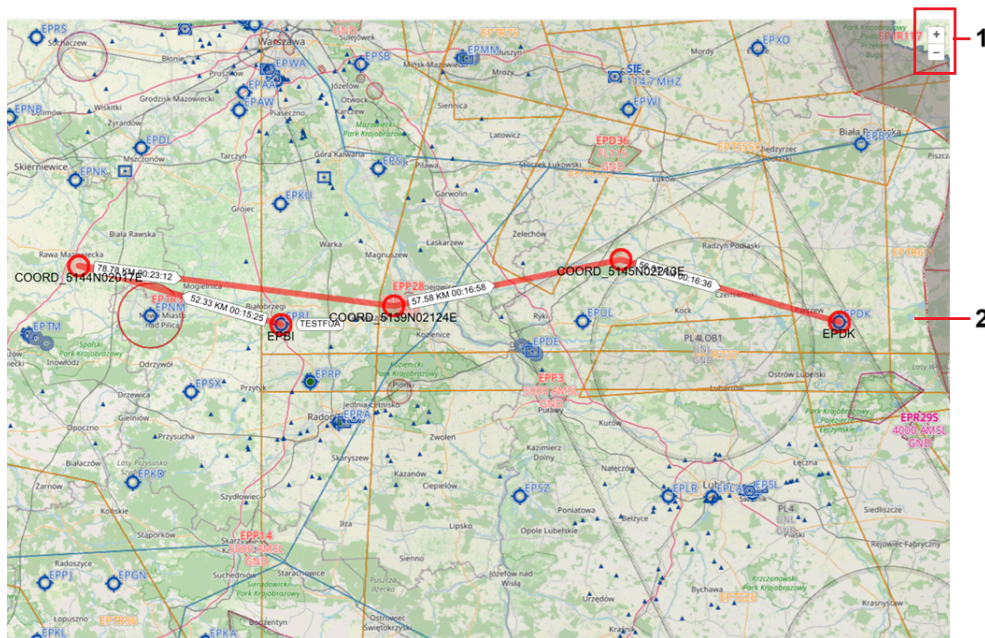


Fig. 3.4: Map window

#### Legend:

- Buttons to zoom in/out ("zoom in") in the map window:

+	Zoom-in (increase a size) of the view
-	Zoom-out (decrease a size) of the view

- Presented data and manually inserted objects (description below)

#### Presented data:

- Map data, see Basemap chap. 3.9.1 (page 306)
- Static data (SDO), see chap. 3.4.4 (page 55)
- Dynamic data, see chap. 3.4.5 (page 59)

This data is presented in layers, which you can activate/deactivate in Map Settings window.

**Note**

*For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)** .*

*The display of AIS data depends on the vertical filter setting, see **chap. 3.9.2 (page 310)** .*

**Presented manually inserted objects:**

- **Flight route**, see **chap. 3.7.3 (page 185)**
- **Range Circles**, see **chap. 3.7.4.6 (page 220)**
- **Drawn user-defined objects**, see **chap. 3.9.3 (page 315)**

**Note**

*You can activate/deactivate the display of drawings on the map in the Drawing (List) window.*

*For a description of the Drawing (List) window, see **chap. 3.9.3 (page 315)** .*

- **Measured distance polyline**, see **chap. 3.9.4 (page 328)**
- **Polygon of the measured area**, see **chap. 3.9.4 (page 328)**
- **User-defined points**, see **chap. 3.7.5.1 (page 227)**

**Note**

*The user-defined points are displayed in the map layer **Layers / Objects / User Points**.*

*This layer can be activated/deactivated in the Map Settings window.*

*For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)** .*

Manually inserted objects, in addition to user points and drawn user graphics objects, appear temporarily above the view layers:

- when you are working with them or
- until you activate another application function.

## Functions in the map window

You activate the functions listed below in standard mouse cursor mode



### Note

*For a description of the functions available for non-standard cursor modes (e.g.: distance measurement, inserting flight waypoints, etc.), see the relevant chapters of this manual.*


<b>Feature Info window</b>	<p>To display the <b>Feature Info</b> window, <b>LEFT-click</b> the mouse on the selected position in the map window.</p> <p><b>Feature Info</b> window provides a view features of the objects that overlap at the click position and allows you to activate additional functions.</p> <p>If no SDO data is available for the click position, the Feature Info window contains the information Nothing Found.</p> <p>For a description of the Feature Info window, see <b>chap. 3.4.1 (page 42)</b> .</p>
<b>Information window</b>	<p>To display the information window, <b>RIGHT-click</b> the mouse on the selected position in the map window.</p> <p>The window displays all available information about the objects that overlap at the click position.</p> <p>If no information is available for the click position, the information window not be displayed and the respective notification will appear.</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>For a description of the Information window, see <b>chap. 3.4.2 (page 51)</b> .</p>
<b>Zoom</b>	For a description of zoom in/out the map window, see <b>chap. 3.4.3 (page 54)</b> .
<b>Pan</b>	For a description of pan the view in the map window, see <b>chap. 3.4.3 (page 54)</b> .
<b>Map Search</b>	For a description of the map search, see <b>chap. 3.4.6 (page 90)</b> .

### 3.4.1. Feature Info window




#### Note

The function is available:

- for vector-based objects with properties and
- for standard mouse cursor mode .



#### Important

Before displaying the **Feature Info** window for the desired object, make sure that the layer containing this object is **activated**  in the "**Map Settings**" window.

For a description of the Map Settings window and of the layers, see **chap. 3.9.1 (page 306)**.

#### Activation options

- To display the **Feature Info** window with the properties (SDO data) of an object, **LEFT-click** on the desired object in the map window.

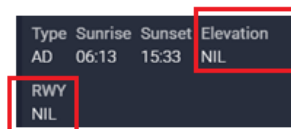
If multiple objects (e.g. FIR and Airport/Heliport) overlap at the click position, a common Feature Info window for these objects will be displayed.

In the common window, you can view properties for desired object separately.

#### Note

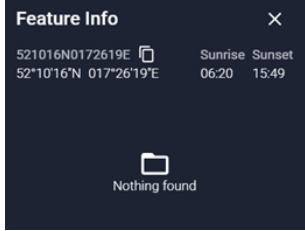


The contents of the open Feature Info window are automatically updated when you click on a new position in the map window.

If any of the SDO data is not available for the click position, the Feature Info window will display **NIL** for the respective data.

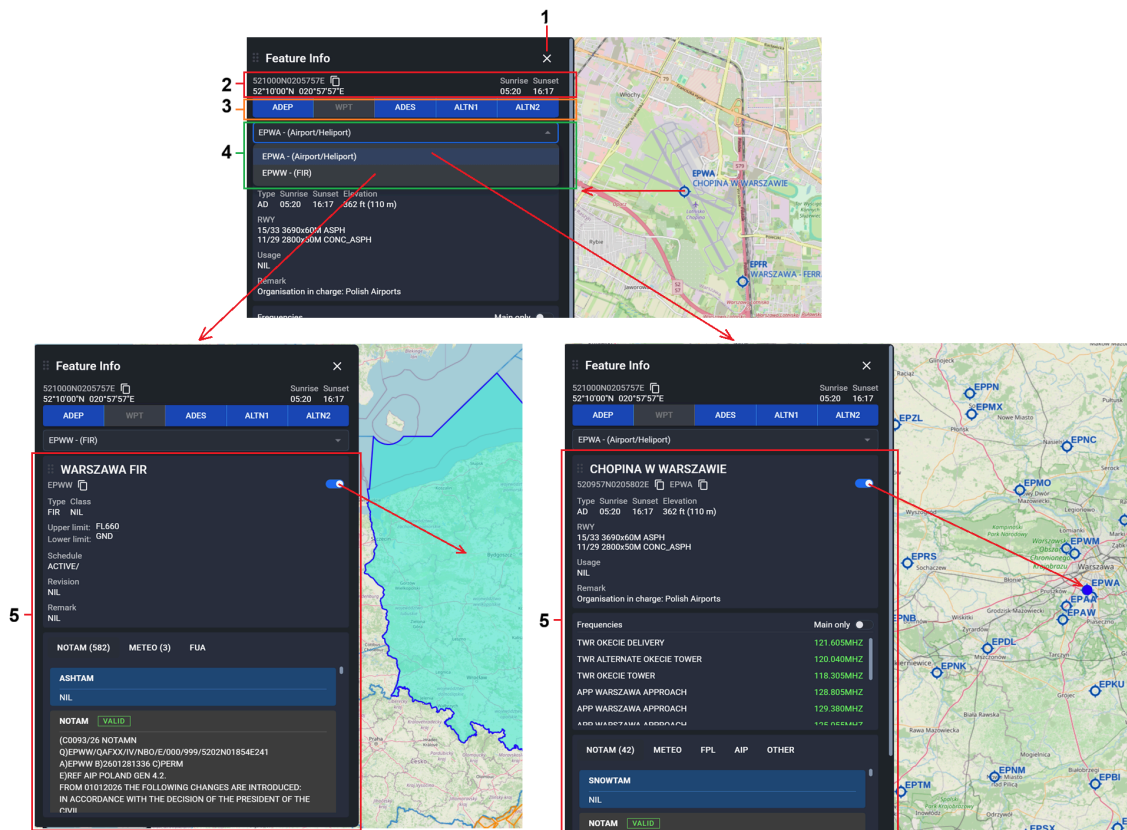


Type	Sunrise	Sunset	Elevation
AD	06:13	15:33	NIL
RWY			
NIL			

If no SDO data is available for the click position, the Feature Info window contains the information **Nothing Found**.


	 <p>The notification will close automatically after a while, or click on  button.</p>
<p><b>Deactivation options</b></p>	<ul style="list-style-type: none"> <li>- To close the Feature Info:             <ul style="list-style-type: none"> <li>A. click on the  button of the Feature Info window, or</li> <li>B. activate another application function.</li> </ul> </li> </ul>

**Feature Info window** provides a view features (SDO data) of the objects that overlap at the click position and allows you to activate additional functions.



**Fig. 3.5: Sample of the Feature Info window**


## Legend:

1. Click on the  button to close the window.
2. **Click position**



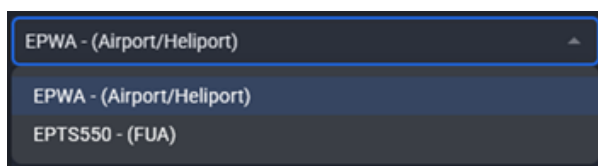
The section includes:

- Geographic coordinates of the click position.

Click the  icon to copy the coordinates in the displayed format to the clipboard.

- Sunrise and sunset UTC times for respective coordinates.

3. **List of objects**



The list contains the objects that overlap the click position from which you activated the display of the Feature Info window.

The first object from the list is automatically selected and its features are displayed in the window.

### Selecting the displayed object

1. Click on the drop-down list to expand it.
2. In the drop-down list, click the object whose features you want to display in the window.

The window contents are updated for the currently selected object.

#### 4. Role of the click position (object)



To plan a flight using a geographic location at the click position (or an object at that position), specify the role of that geographic location by pressing one of the following buttons:

Button	Role
<b>ADEP</b>	Aerodrome of departure
<b>WPT</b>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>The feature is not available for the aerodrome.</i></p> </div> <p>WayPoint</p>
<b>ADES</b>	Aerodrome of destination
<b>ALTN1</b>	1st alternate aerodrome of arrival
<b>ALTN2</b>	2nd alternate aerodrome of arrival

When you click on the selected button, the **Flight Log** (New/Edit) window opens to create a flight intention (plan) with the accepted role for the geographic coordinates of the click position or for the object at the click position.

**Note**

*For a description of the Flight Log (New/Edit) window, see **chap. 3.7.4 (page 189)** .*

#### 5. Dynamic Data

Sections containing an object-related items (attributes), particularly - object details, dynamic up-to-date information (such as NOTAM(s), METEO(s), FPL(s), etc.).




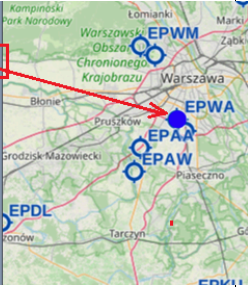
**Note**

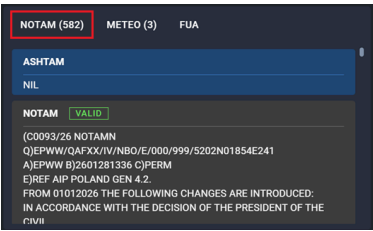
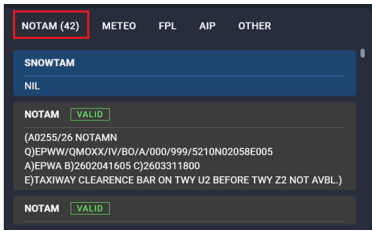
*The set of sections and displayed information depends on a type of the object and the current application configuration.*


*Dynamic information is displayed according to its availability.*

*Unavailability of information is indicated by a string "NIL" or "Nothing found".*

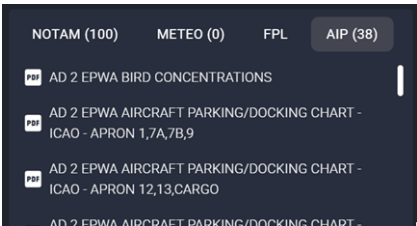
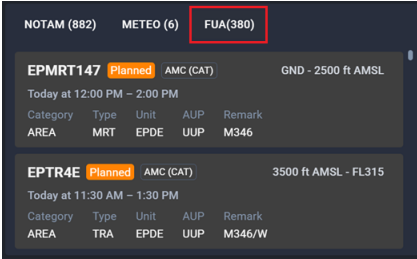
**Possible sections:**

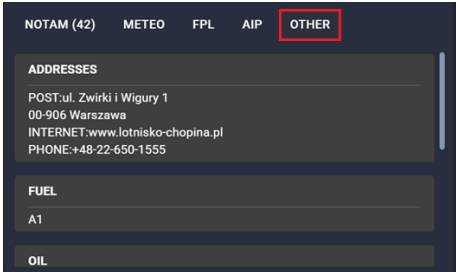
Data Category	Description
<p><b>Basic Info</b></p>	<p>The section contains basic information on the object</p> <p>E.g.: Object designation (name, ICAO) , position, RWY, etc.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>Vertical limits for FUA are expressed in feet below or at the transition altitude and in flight levels (FL) above the transition altitude.</i></p> </div> <p>Click the switch next to the object designation (e.g. ICAO) to enable <input checked="" type="checkbox"/> / disable <input type="checkbox"/> the display object on the map window (see the following picture).</p> <p>Click the  icon to copy the geographic coordinates of the object's location or its designation (ICAO) to the clipboard.</p> <div style="display: flex; align-items: center;"> <div style="background-color: #333; color: white; padding: 5px; margin-right: 10px;"> <p><b>CHOPINA W WARSZAWIE</b></p> <p>520957N0205802E  EPWA </p> <p>Type Sunrise Sunset Elevation</p> <p>AD 05:20 16:17 362 ft (110 m)</p> <p>RWY</p> <p>15/33 3690x60M ASPH</p> <p>11/29 2800x50M CONC_ASPH</p> <p>Usage</p> <p>NIL</p> <p>Remark</p> <p>Organisation in charge: Polish Airports</p> </div>  </div>

Data Category	Description
<p><b>NOTAM (N)</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The section is applicable to an aerodrome and FIR.</i></p> <p><i>(N) is the current count of messages displayed in the section.</i></p> </div> <p>The section will be displayed as a tab.</p> <p>The section contains a list of textual messages of the type:</p> <ul style="list-style-type: none"> <li>• <b>NOTAM (Effective/Valid)</b> (for FIR and aerodrome)</li> </ul> <p>If the <b>"Valid"</b> radio button is enabled in the control panel, currently active messages and messages that will be active in the future display in NOTAM messages list.</p> <p>If the <b>"Effective"</b> radio button is enabled in the control panel, only currently active messages display in NOTAM messages list.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The colour coding of Effective/Valid NOTAMs depends on the current application configuration.</i></p> <p><i>For a description of the control panel, see <b>chap. 3.3 (page 30)</b> .</i></p> </div> <ul style="list-style-type: none"> <li>• <b>SNOWTAM</b> (for aerodrome)</li> <li>• <b>ASHTAM</b> (for FIR)</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The order of the NOTAM, SNOWTAM/ASHTAM message lists and the background color of this messages depend on the current application configuration.</i></p> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;">   </div>

Data Category	Description
<p><b>METEO (N)</b></p>	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>The section is applicable to an aerodrome and FIR.</i></p> <p><i>(N) is the current count of messages displayed in the section.</i></p> </div> <p>The section will be displayed as a tab.</p> <p>The section contains a list of the latest effective METEO text messages.</p> <p>The METEO message is issued once per 30 min - 1 hr.</p> <p>If the next time of observation is greater than 2 hours as from the previous one the message is invalid.</p> <p>The following types of METEO messages can be displayed:</p> <ul style="list-style-type: none"> <li>• <b>METAR</b> (for aerodrome)</li> <li>• <b>TAF</b> (for aerodrome)</li> <li>• <b>SIGMET</b> (for FIR and aerodrome)</li> <li>• <b>GAMET</b> (for FIR)</li> <li>• <b>AIRMET</b> (for FIR)</li> <li>• <b>AD WARN</b> (for aerodrome)</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">  </div>
<p><b>FPL (N)</b></p>	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>The section is applicable to an aerodrome.</i></p> <p><i>(N) is the current count of FPLs displayed in the section.</i></p> </div> <p>The section will be displayed as a tab.</p>

Data Category	Description																																																																										
	<p>The section contains a list of FPLs for flights departing from/arriving at a respective aerodrome, or fly over this airport.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <table border="1"> <thead> <tr> <th>NOTAM (71)</th> <th>METEO (2)</th> <th style="border: 2px solid red;">FPL (389)</th> <th>AIP (38)</th> <th>OTHER</th> </tr> <tr> <th>ARCID</th> <th>ADEP</th> <th>ADES</th> <th>EOBT</th> <th></th> </tr> </thead> <tbody> <tr style="background-color: #f8d7da;"> <td>WMT25...</td> <td>EPWA</td> <td>LIRF</td> <td>260319 21:40</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>WZZ15...</td> <td>LFMN</td> <td>EPWA</td> <td>260319 20:00</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>DLH4HH</td> <td>EDDM</td> <td>EPWA</td> <td>260319 19:55</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>WZZ631R</td> <td>LIRP</td> <td>EPWA</td> <td>260319 19:50</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>WZZ59S...</td> <td>LIME</td> <td>EPWA</td> <td>260319 19:30</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>WZZ44T...</td> <td>EGGW</td> <td>EPWA</td> <td>260319 19:25</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>WZZ852X</td> <td>LIBD</td> <td>EPWA</td> <td>260319 19:20</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>WZZ997</td> <td>LHBP</td> <td>EPWA</td> <td>260319 19:20</td> <td> </td> </tr> <tr style="background-color: #d1ecf1;"> <td>WZZ58VS</td> <td>LMML</td> <td>EPWA</td> <td>260319 19:00</td> <td> </td> </tr> <tr style="background-color: #f8d7da;"> <td>BAW85...</td> <td>EPWA</td> <td>EGLL</td> <td>260319 18:45</td> <td> </td> </tr> </tbody> </table> </div> <p><b>Row background color:</b></p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The colors used in the application depend on its current configuration and may differ from those listed below.</i></p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: center; width: 20%;"><b>Blue</b></td> <td>Arrival/landing at the aerodrome</td> </tr> <tr> <td style="text-align: center;"><b>Red</b></td> <td>Departure from the aerodrome</td> </tr> <tr> <td style="text-align: center;"><b>White</b></td> <td>Departure and arrival from/to the same aerodrome</td> </tr> <tr> <td style="text-align: center;"><b>Green</b></td> <td>Flight over the aerodrome</td> </tr> </tbody> </table> <p><b>Actions with FPL</b></p> <p>The FPL row may contain the following icons:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Icon</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"></td> <td> <ul style="list-style-type: none"> <li>Click on the icon to export the respective FPL to a PDF file.</li> </ul> <p>A separate window opens in the web browser, into which the created PDF file is loaded.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>Certain data in the PDF is hidden to comply with GDPR privacy regulations.</i></p> </div> </td> </tr> <tr> <td style="text-align: center;"></td> <td> <ul style="list-style-type: none"> <li>Click on the icon to view the route of the respective FPL in the map window.</li> </ul> </td> </tr> </tbody> </table>	NOTAM (71)	METEO (2)	FPL (389)	AIP (38)	OTHER	ARCID	ADEP	ADES	EOBT		WMT25...	EPWA	LIRF	260319 21:40		WZZ15...	LFMN	EPWA	260319 20:00		DLH4HH	EDDM	EPWA	260319 19:55		WZZ631R	LIRP	EPWA	260319 19:50		WZZ59S...	LIME	EPWA	260319 19:30		WZZ44T...	EGGW	EPWA	260319 19:25		WZZ852X	LIBD	EPWA	260319 19:20		WZZ997	LHBP	EPWA	260319 19:20		WZZ58VS	LMML	EPWA	260319 19:00		BAW85...	EPWA	EGLL	260319 18:45		<b>Blue</b>	Arrival/landing at the aerodrome	<b>Red</b>	Departure from the aerodrome	<b>White</b>	Departure and arrival from/to the same aerodrome	<b>Green</b>	Flight over the aerodrome	Icon	Description		<ul style="list-style-type: none"> <li>Click on the icon to export the respective FPL to a PDF file.</li> </ul> <p>A separate window opens in the web browser, into which the created PDF file is loaded.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>Certain data in the PDF is hidden to comply with GDPR privacy regulations.</i></p> </div>		<ul style="list-style-type: none"> <li>Click on the icon to view the route of the respective FPL in the map window.</li> </ul>
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Data Category	Description
<p><b>AIP (N)</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>The section is applicable to an aerodrome.</i></p> <p><i>(N) is the current count of AIP(s) in the section.</i></p> </div> <p>The section will be displayed as a tab.</p> <p>The section contains a list of regulations applicable to the aerodrome in question presented in PDF file format.</p> <p>Click on the AIP name.</p> <p>A separate window will open in the web browser and the respective AIP will be loaded in PDF format.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>Certain data in the PDF is hidden to comply with GDPR privacy regulations.</i></p> </div> 
<p><b>FUA (N)</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>The section is applicable to FUA.</i></p> <p><i>(N) is the current count of FUA messages in the section.</i></p> </div> <p>The section contains a list of FUA messages pertaining to a specified FUA area.</p> 
<p><b>OTHER</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>The section is applicable to an aerodrome.</i></p> </div>

Data Category	Description
	<p>The section contains:</p> <ul style="list-style-type: none"> <li>• Contact details (Addresses, Phone numbers, Web addresses) available for the airport.</li> <li>• A list of additional services provided by the airport;</li> <li>• Information on operational hours of a control tower (TWR) at a specified airport.</li> </ul> 

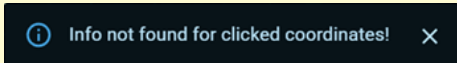

### 3.4.2. Information window




#### Important

Before displaying the information window, make sure that the layer containing the desired object is **activated**  in the **"Map Settings"** window.

For a description of the Map Settings window and of the layers, see **chap. 3.9.1 (page 306)**.

<p><b>Activation options</b></p>	<p>- To display the information window, <b>RIGHT-click</b>:</p> <ul style="list-style-type: none"> <li>• on the symbol of a point feature or</li> <li>• on the area of a dynamic airspace.</li> </ul> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px;"> <p><i>If no information is available for the click position, the information window not be displayed and the respective notification will appear.</i></p>  <p><i>The notification will close automatically after a while, or click on  button.</i></p> </div>
----------------------------------	---

<b>Deactivation options</b>	- To close the information window:  A. click on the  button to close the information window, or B. click outside the information window.
-----------------------------	--

A **information window** providing all available information about the objects that overlap at the click position.

This information is sorted in the window into categories according to the type of object.

**Object categories** are displayed in separate tabs.

The tab is determined by:

- **the name** of the object category and
- **(N)** - the number of objects in the click position that belong to that category.

**UTC generation time** of the information presented in the window can be found in the last line of the information window.

### Object category selection

When the window opens, the first category from the left is automatically selected.

**Click** on the name of the desired category tab to view information about objects in that category.



#### Note

*A set of data to be included in the information window depends on the object category and the application configuration.*

*If some information is not available or cannot be displayed (e.g. connection issues), this information is indicated by a string **NIL**.*

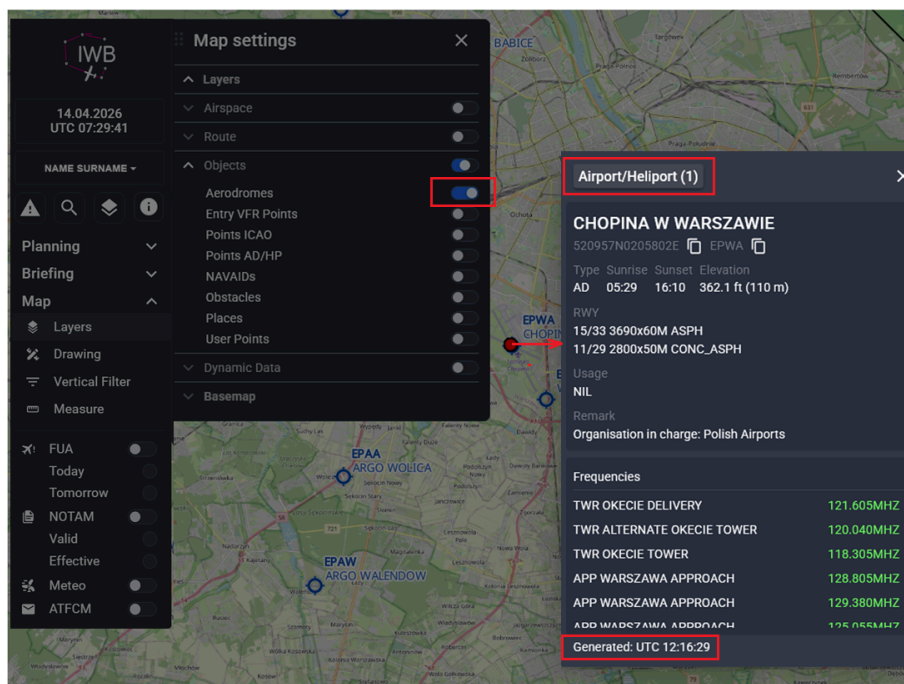


Fig. 3.6: Example of the information window for Airport/Heliport (1 category of objects)

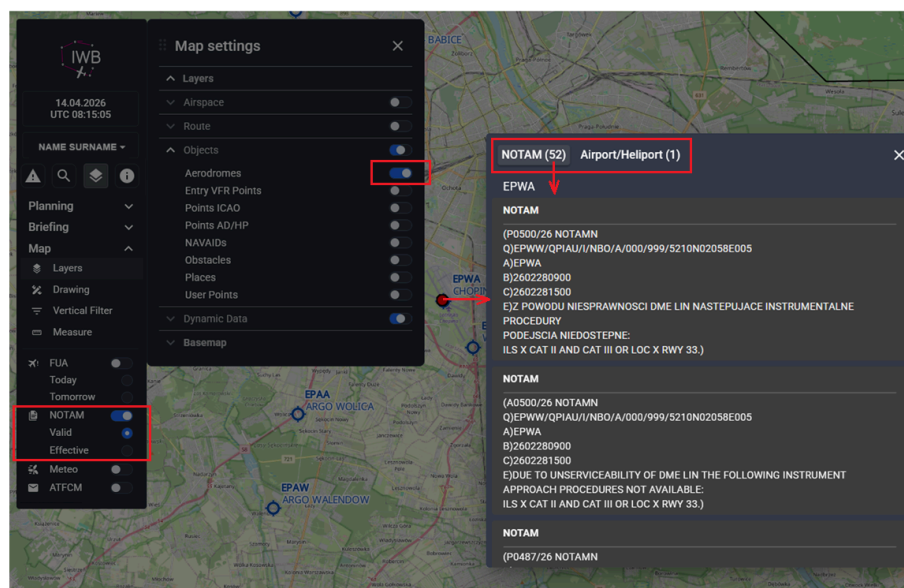


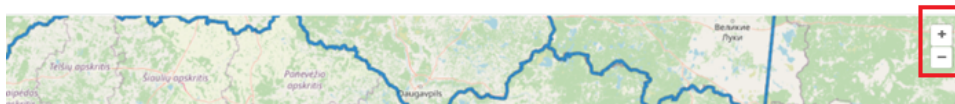
Fig. 3.7: Example of the information window display for Airport/Heliport and NOTAM messages (2 object categories)

### 3.4.3. Pan & Zoom

**ZOOM** your view in the map window (thus changing the map scale)

Use the following techniques:

- A. Zoom in/out **by rotating the mouse wheel**, or
- B. Zoom in/out **by clicking on the + / - button** in the upper right corner of the map window.

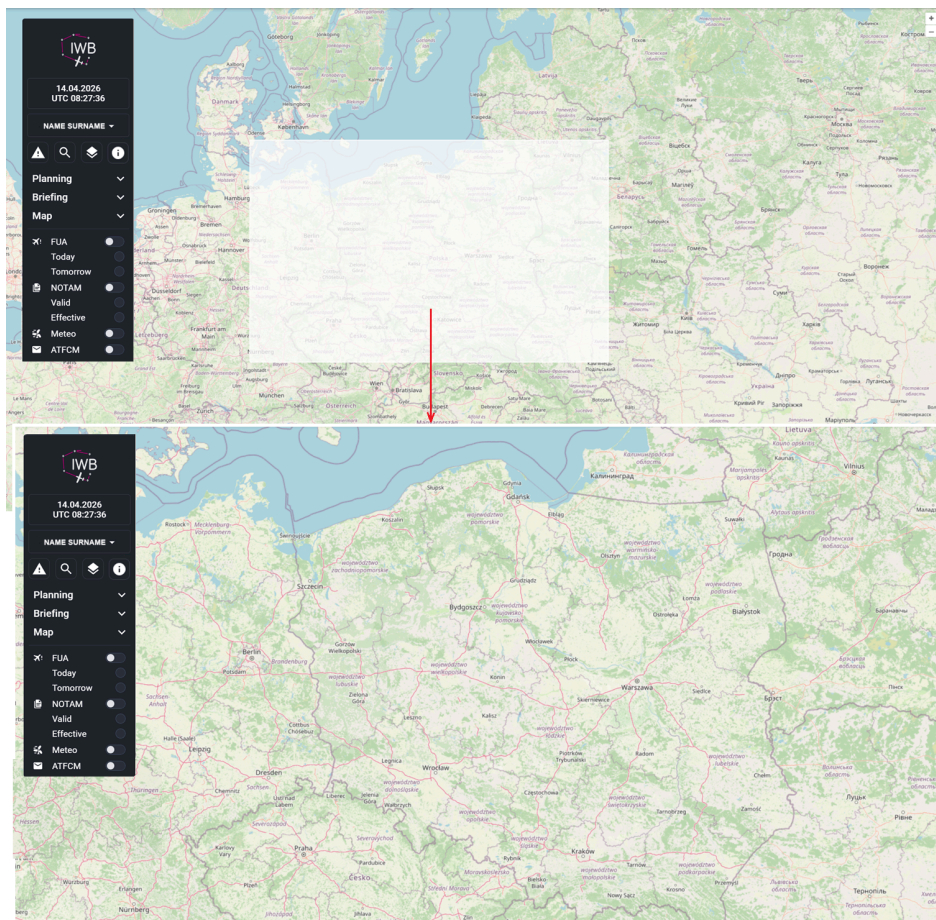


**Zoom-in** (increase a size) of the view



**Zoom-out** (decrease a size) of the view

- C. Zoom-in **to a rectangular area**



**Procedure:**

1. Move the mouse cursor to an intended vertex (corner) of a rectangular area you want to zoom in.
2. Press and hold **Shift** key pressed, then press left-mouse button and drag the pointer to draw a rectangle over the area you want to magnify.

A rectangular area is drawn.

3. When the rectangle covers the area, you want to magnify, release the mouse button.

After that, the magnified area will fill all the working area of a view in the map window.

**PAN** your view in the map window

**Procedure:**

1. Press and hold left-mouse button pressed, then move the cursor in a desired direction.
2. After achieving a desired image of what you see on the map, release the mouse button.

### 3.4.4. Static Data

Static data, i.e. each type of SDO objects, is displayed in separate layers in the map window.



**Note**

*You can activate/deactivate static data layers in the Map Settings window.*

*For a description of the Map Settings window and of the layers, see **chap. 3.9.1 (page 306)**.*

The presentation of the following SDO object types is supported:

Layer		Shape	Representation
Airspace	<b>FIR/UIR</b> Flight Information region Upper Information Regions	Polygon	A polygonal area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
	<b>FIS</b>	Polygon	A polygonal area specified by its shape, fill colour and

Layer	Shape	Representation
Flight Information Service		outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
<b>CTR/MCTR</b> Control Zone  Military Control Zone	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
<b>TMA/MTMA</b>  Terminal Control Area  Military Terminal Control Area	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
<b>TRA/TSA</b>  Temporary Reserved Airspace  Temporary Segregated Area	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
<b>P/R/D</b>  Prohibited Area  Restricted Area  Danger Area	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
<b>ADIZ</b>  Air Defence Identification Zone	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
<b>ATZ</b>  Aerodrome Traffic Zone	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name

Layer		Shape	Representation
	<b>Areas Of Aerial Activites</b>	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
	<b>AWACS mission regions</b>	Polygon/ Circle	A polygonal/circular area specified by its shape, fill colour and outline colour; optionally, it can be supplemented by a textual attribute indicating the airspace name
<b>Route</b>	<b>RNAV</b>	Line	A line of a specified width; optionally, the central line of a buffer may be highlighted
	<b>MRT</b>	Line	A line of a specified width; optionally, the central line of a buffer may be highlighted
	<b>VFR</b>	Line	A line of a specified width; optionally, the central line of a buffer may be highlighted
<b>Objects</b>	<b>Aerodromes</b>	Point	A point representing Aerodrome object supplemented by CODE_ID attribute indicating ICAO or IATA code of airport
		Multi-polygon	A multi-polygon reproducing a layout of runways
	<b>Entry VFR Points</b>	Point	Entry point for a specified CTR airspace or TMA; it is represented by a triangle (symbol) and supplemented by textual attribute indicating the point's name
	<b>Points ICAO</b>	Point	A point represented by a triangle (symbol) and supplemented by textual attribute (if available) indicating the point's name
	<b>Points AD/HP</b>	Point	A point represented by a triangle (symbol) and supplemented by textual

Layer	Shape	Representation
		attribute (if available) indicating the point's name
<b>NAVAIDs</b>	Point	A point represented by a symbol (according to the type: VOR, NDB, etc.) and supplemented with a text attribute (if available) indicating the name of the point
<b>Obstacles</b>	Point	A point representing Obstacle object and supplemented by textual attribute providing details on the obstacle
<b>Places</b>	Point	A point represented by a triangle (symbol) and supplemented by textual attribute (if available) indicating the point's name
<b>User Points</b>	Point	A point represented by a triangle (symbol) and supplemented by textual attribute (if available) indicating the point's name



**Note**

*Symbols used within PANSA IWB (PILOT Module) application are in compliance with AIP PL, Part 1, GEN 2.3.*

### 3.4.5. Dynamic Data

Dynamic data (dynamically changing information) can be presented:

- in Map Window **as symbols / objects**, see Dynamic Data layer in **chap. 3.9.1 (page 306)** ;
- in Features window **as text**, see **chap. 3.4.1 (page 42)** ;
- in information window **as text**, see **chap. 3.4.2 (page 51)** .
- in special window **as text**:
  - xTAM Messages, see **chap. 3.8.3 (page 267)** ;
  - ATFCM Messages, see **chap. 3.8.7 (page 297)** ;
  - Meteo Messages, see **chap. 3.8.1 (page 251)** ;
  - FUA Messages, see **chap. 3.8.6 (page 287)** .
  - FPL List, see **chap. 3.7.2 (page 159)** .

Duration of time for which dynamic data are displayed in a map depends on their validity.



#### Important

*If the radio button **Valid** on control panel is **enabled**  (ON), currently active messages and messages that will be active in the future are displayed in the NOTAM messages list.*

*These two message types may differ in color, this depends on the current configuration of the application.*

*If the radio button **Effective** on control panel is **enabled**  (ON), only currently active messages are displayed in the NOTAM messages list.*

*This applies to all situations in which NOTAM, SNOWTAM, ASHTAM messages are handled.*

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

The presentation of the following dynamic data is supported:

1. **Aerodrome NOTAM messages**, see **chap. 3.4.5.1 (page 60)**
2. **Area NOTAM messages**, see **chap. 3.4.5.2 (page 63)**
3. **SNOWTAM messages**, see **chap. 3.4.5.3 (page 66)**
4. **ASHTAM messages**, see **chap. 3.4.5.4 (page 70)**
5. **ATFCM Messages**, see **chap. 3.4.5.5 (page 73)**
6. **Aerodrome METEO messages**, see **chap. 3.4.5.6 (page 74)**
7. **Area METEO messages**, see **chap. 3.4.5.7 (page 79)**
8. **FUA Messages**, see **chap. 3.4.5.8 (page 81)**
9. **Areas related to NOTAM messages**, see **chap. 3.4.5.9 (page 84)**
10. **EAUP/EUUP Areas**, see **chap. 3.4.5.10 (page 86)**

11. Drone zone(s), see chap. 3.4.5.11 (page 88)




### 3.4.5.1. Aerodrome NOTAM messages

Aerodrome NOTAM contains aerodrome ICAO code in **a field A**) of NOTAM form.

This message is presented in the following window:

#### (A) Map window




An occurrence of aerodrome NOTAM message is indicated by:

- |   |   |
|---|---|
|  | <b>NOTAM symbol</b> over the aerodrome location, for which a NOTAM message IS NOT issued about its closure.<br><br>The intensity of the symbol fill colour depends on the number of NOTAM messages issued for the respective aerodrome. For example, if one message is issued for an aerodrome, the symbol  will be displayed. |
|  | <b>A NOTAM symbol</b> over the aerodrome location, for which a NOTAM message IS issued about its closure.   |

#### Note

*The color and size of the NOTAM symbol depend on the current application configuration.*

#### To show/hide symbols:

1. **Activate**  / **Deactivate**  the **NOTAM** switch in the control panel.
2. Select the desired **effectiveness** of the displayed NOTAMs by enabling  the required **Valid/Effective** radio button in the control panel, see **chap. 3.3 (page 30)** .

#### Note

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

#### (B) Information window

For NOTAM aerodrome symbol  / 

#### To display the window:

1. **RIGHT-click** on the NOTAM symbol  /  of the respective aerodrome in the map window.

2. An **information window** is displayed that contains:

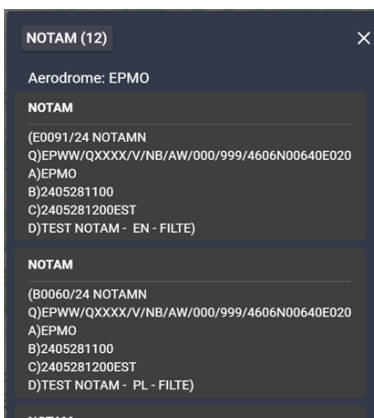
- NOTAM list and
- SNOWTAM list (if any)

issued for the respective aerodrome.

Lists can be distinguished by the background color of the messages.

**Note**

*The order of the NOTAM, SNOWTAM lists and the background color of NOTAM/ SNOWTAM messages depend on the current application configuration.*




**(C) Feature Info window**

For the aerodrome symbol with NOTAM symbol  / 



**Important**

1. Before opening the Feature Info window for an aerodrome, make sure that the **Aerodromes** layer is **activated**  in the "Map Settings" window.  
  
*For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)** .*
2. Zoom in on the map window to see the aerodrome symbols.

**To display the window:**

1. **Click** on the  /  aerodrome symbol in the map window.

- The **Feature Info** window is displayed, which contains information about the respective aerodrome.

The NOTAM tab contains:

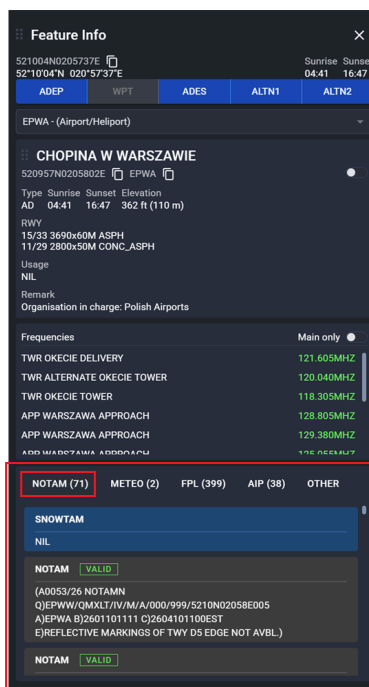
- NOTAM list and
- SNOWTAM list (if any)

issued for the respective aerodrome.

Lists can be distinguished by the background color of the messages.

**Note**

*The order of the NOTAM, SNOWTAM lists and the background color of NOTAM/ SNOWTAM messages depend on the current application configuration.*



**Note**

*If no NOTAM has been issued, no messages are available or cannot be displayed (e.g. connection issues), **Nothing Found** is shown in the NOTAM tab.*

*For a description of the Feature Info window, see **chap. 3.4.1 (page 42)** .*

## (D) xTAM Messages window

### To display the window:

1. **Click** on the **xTAM** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **xTAM Messages** window is displayed.

This window enables to display a list of xTAM messages that are published and valid on a given day or according to the set filter.

#### Note

*For description of the xTAM Messages window see **chap. 3.8.3 (page 267)** .*

3. To view the list of NOTAM messages, press the NOTAM switch.

## 3.4.5.2. Area NOTAM messages

Area NOTAM contains FIR ICAO code in **a field A**) of NOTAM form.


This message is presented in the following window:

### (A) Map window

An occurrence of FIR NOTAM message is indicated by:






**NOTAM symbol** over the centre of the FIR

The intensity of the symbol fill colour depends on the number of NOTAM messages issued for the respective FIR. For example, if one message is issued for an FIR, the symbol  will be displayed.

#### Note

*The color and size of the NOTAM symbol depend on the current application configuration.*

### To show/hide symbols:

1. **Activate**  / **Deactivate**  the **NOTAM** switch in the control panel.
2. Select the desired **effectiveness** of the displayed NOTAMs by enabling  the required **Valid/Effective** radio button in the control panel, see **chap. 3.3 (page 30)** .

**Note**

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

**(B) Information window**

For NOTAM FIR symbol ●

**To display the window:**

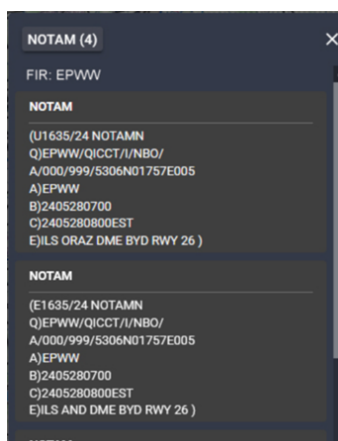
1. **RIGHT-click** on the NOTAM FIR symbol ● in the map window.
2. A **information window** is displayed that contains:
  - NOTAM list and
  - ASHTAM list (if any)

issued for the FIR.

Lists can be distinguished by the background color of the messages.

**Note**

*The order of the NOTAM, ASHTAM lists and the background color of NOTAM/ ASHTAM messages depend on the current application configuration.*




**(C) Feature Info window**

For the FIR area



### Important

Before opening the Feature Info window for an FIR, make sure that the Layers/Airspace/*FIR/UIR* layer is **activated**  in the "Map Settings" window.

For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)**.

#### To display the window:

1. **Click** on the **FIR** area in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective FIR.

The NOTAM tab contains:

- NOTAM list and
- ASHTAM list (if any)

issued for the FIR.

Lists can be distinguished by the background color of the messages.

#### Note

The order of the NOTAM, ASHTAM lists and the background color of NOTAM/ASHTAM messages depend on the current application configuration.



**Note**

*If no NOTAM/ASHTAM has been issued, no messages are available or cannot be displayed (e.g. connection issues), **Nothing Found** is shown in the NOTAM tab, or the tab will not appear.*

*For a description of the Feature Info window, see **chap. 3.4.1 (page 42)** .*

**(D) xTAM Messages window**

**To display the window:**

1. **Click** on the **xTAM** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **xTAM Messages** window is displayed.

This window enables to display a list of xTAM messages that are published and valid on a given day or according to the set filter.

**Note**

*For description of the xTAM Messages window see **chap. 3.8.3 (page 267)** .*

3. To view the list of NOTAM messages, press the NOTAM switch.






**3.4.5.3. SNOWTAM messages**


A SNOWTAM message is issued for the aerodrome.

This message is presented in the following window:

**(A) Map window**

An occurrence of aerodrome SNOWTAM message is indicated by two symbols:

	<b>NOTAM symbol</b> over the aerodrome location:
/ 	<ul style="list-style-type: none"> <li> - if a NOTAM message IS issued about respective aerodrome closure.</li> <li> - if a NOTAM message IS NOT issued about respective aerodrome closure.</li> </ul>
<p>The intensity of the  symbol fill colour depends on the number of NOTAM/SNOWTAM messages issued for the respective aerodrome. For</p>	

example, if one message is issued for an aerodrome, the symbol  will be displayed.






**SNOWTAM symbol** near the aerodrome location

**Note**

*The color and size of the symbols depend on the current application configuration.*

**To show/hide symbols:**

1. **Activate**  / **Deactivate**  the **NOTAM** switch in the control panel.
2. Select the desired **effectiveness** of the displayed NOTAMs by enabling  the required **Valid/Effective** radio button in the control panel, see **chap. 3.3 (page 30)** .



**Note**

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

**(B) Information window**

For NOTAM aerodrome symbol  /  with a  symbol next to it

**To display the window:**

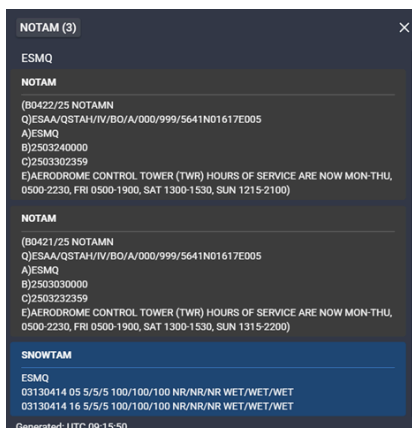
1. **RIGHT-click** on the NOTAM symbol  /  of the respective aerodrome in the map window.
2. A **information window** is displayed that contains:
  - NOTAM list (if any) and
  - SNOWTAM list

issued for the respective aerodrome.




Lists can be distinguished by the background color of the messages.

**Note**

*The order of the NOTAM, SNOWTAM lists and the background color of NOTAM/ SNOWTAM messages depend on the current application configuration.*




### (C) Feature Info window



For the aerodrome symbol with NOTAM symbol  /  and a  symbol next to it



#### Important

1. Before opening the Feature Info window for an aerodrome, make sure that the Layers/Objects/Aerodromes layer is **activated**  in the "Map Settings" window.
- For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)**.
2. Zoom in on the map window to see the aerodrome symbols.

#### To display the window:

1. Click on the  /  aerodrome symbol in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective aerodrome.

The NOTAM tab contains:

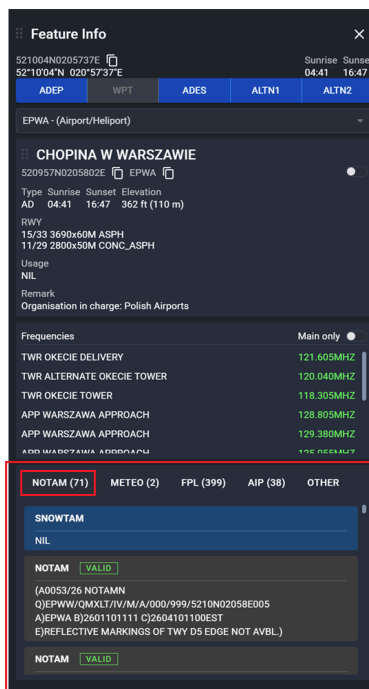
- NOTAM list (if any) and
- SNOWTAM list

issued for the respective aerodrome.

Lists can be distinguished by the background color of the messages.

#### Note

*The order of the NOTAM, SNOWTAM lists and the background color of NOTAM/ SNOWTAM messages depend on the current application configuration.*



**Note**

*If no NOTAM/SNOWTAM has been issued, no messages are available or cannot be displayed (e.g. connection issues), **Nothing Found** is shown in the NOTAM tab.*

*For a description of the Feature Info window, see **chap. 3.4.1 (page 42)** .*

**(D) xTAM Messages window**

**To display the window:**

1. **Click** on the **xTAM** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **xTAM Messages** window is displayed.

This window enables to display a list of xTAM messages that are published and valid on a given day or according to the set filter.

**Note**

*For description of the xTAM Messages window see **chap. 3.8.3 (page 267)** .*

3. To view the list of SNOWTAM messages, press the SNOWTAM switch.




### 3.4.5.4. ASHTAM messages

An ASHTAM message is issued for the FIR.

This message is presented in the following window:

#### (A) Map window




An occurrence of FIR ASHTAM message is indicated by two symbols:

	<p><b>NOTAM symbol</b> over the centre of the FIR</p> <p>The intensity of the symbol fill colour depends on the number of NOTAM/ ASHTAM messages issued for the respective FIR. For example, if one message is issued for an FIR, the symbol  will be displayed.</p>
	<p><b>ASHTAM symbol</b> near the NOTAM symbol over the centre of the FIR</p>

#### Note

*The color and size of the NOTAM symbol depend on the current application configuration.*

#### To show/hide symbols:

1. **Activate**  / **Deactivate**  the **NOTAM** switch in the control panel.
2. Select the desired **effectiveness** of the displayed NOTAMs by enabling  the required **Valid/Effective** radio button in the control panel, see **chap. 3.3 (page 30)** .


#### Note

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

#### (B) Information window

For NOTAM FIR symbol  with a  symbol next to it

#### To display the window:

1. **RIGHT-click** on the NOTAM FIR symbol  in the map window.
2. A **information window** is displayed that contains:
  - NOTAM list (if any) and
  - ASHTAM list

issued for the FIR.

Lists can be distinguished by the background color of the messages.

**Note**

*The order of the NOTAM, ASHTAM lists and the background color of NOTAM/ ASHTAM messages depend on the current application configuration.*



**(C) Feature Info window**

For the FIR area with a symbol



**Important**

*Before opening the Feature Info window for an FIR, make sure that the Layers/Airspace/ **FIR/UIR** layer is **activated** in the "Map Settings" window.*

*For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)** .*

**To display the window:**

1. **Click** on the **FIR** area in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective FIR.

The NOTAM tab contains:

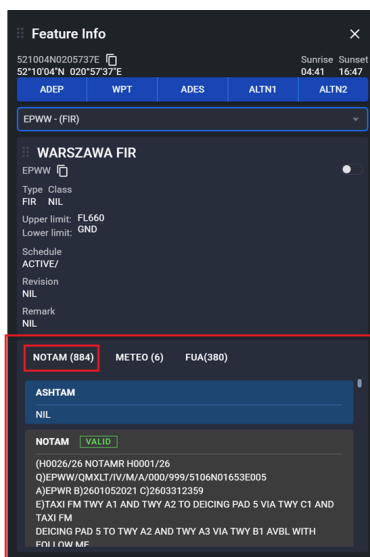
- NOTAM list (if any) and
- ASHTAM list

issued for the FIR.

Lists can be distinguished by the background color of the messages.

**Note**

*The order of the NOTAM, ASHTAM lists and the background color of NOTAM/ASHTAM messages depend on the current application configuration.*



**Note**

*If no NOTAM/ASHTAM has been issued, no messages are available or cannot be displayed (e.g. connection issues), **Nothing Found** is shown in the NOTAM tab, or the tab will not appear.*

*For a description of the Feature Info window, see **chap. 3.4.1 (page 42)** .*

**(D) xTAM Messages window**

To display the window:

1. **Click** on the **xTAM** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **xTAM Messages** window is displayed.

This window enables to display a list of xTAM messages that are published and valid on a given day or according to the set filter.

**Note**

*For description of the xTAM Messages window see **chap. 3.8.3 (page 267)** .*

3. To view the list of ASHTAM messages, press the ASHTAM switch.

### 3.4.5.5. ATFCM (AIM/ANM) Messages

An ATFCM (AIM/ANM) message is presented in the following windows:

#### (A) Map window

An occurrence of aerodrome ATFCM (AIM/ANM) message is indicated by:



**ATFCM symbol** over the aerodrome location

An occurrence of airspace area ATFCM (AIM/ANM) message is indicated by:



**Bordering and highlighting** the respective airspace area

#### Note

*The intensity of the symbol or highlighted area fill colour depends on the number of ATFCM messages issued for the respective aerodrome or airspace area.*

*The color of ATFCM indication depend on the current application configuration.*

To show/hide ATFCM indication **activate**  / **Deactivate**  the **ATFCM** switch in the control panel.

#### Note

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

#### (B) Information window

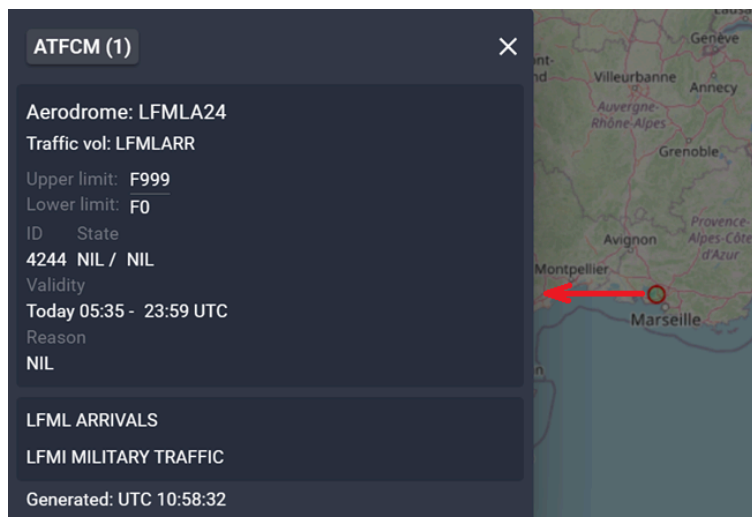
For ATFCM aerodrome/airspace area indication

**To display the window:**

1. **RIGHT-click** on the **ATFCM indication** of the respective aerodrome/airspace area in the map window.
2. An **information window** is displayed that contains ATFCM messages issued for the aerodrome/airspace area.

**Note**

*If some data is not available or cannot be displayed (e.g. connection issues), NIL is displayed.*



**(C) ATFCM Messages window**

**To display the window:**

1. **Click** on the **ATFCM** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **ATFCM Messages** window is displayed.

This window enables to view a list of available AIM messages and ANM (Regulations) messages notifying of ATFCM regulations retrieved under specified filtering criteria.

**Note**

*For description of the ATFCM Messages window see **chap. 3.8.7 (page 297)** .*

**3.4.5.6. Aerodrome METEO messages**

The METEO message issued for aerodrome can be of type:

- METAR
- TAF
- SIGMET
- AD WARNING

This message is presented in the following window:






**(A) Map window**

An occurrence of aerodrome METEO message can be indicated by two symbols:



1. **METEO symbol** in the aerodrome location




If aerodrome TAF message is issued instead of METAR message this is, in a map window indicated by white circle ○.

Other METEO indication are listed in the below table:

Symbol Type	Visibility	Ceiling
 <b>VFR</b>	≥ 8 km (greater than or equal to 8 km)	≥ 3 000 ft (greater than or equal to 3 000 ft)
 <b>Marginal VFR</b> (MVFR)	5 - 8 km	1 000 - 3 000 ft
 <b>IFR</b>	1 500 m - 5 km	500 - 1 000 ft
 <b>Intensive IFR</b> (IIFR)	800 m - 1 500 m	200 - 500 ft
 <b>Very Intensive IFR</b> (VIIFR)	< 800 m (less than 800 m)	< 200 ft (less than 200 ft)

2. **Severe meteorological phenomena symbol** (next to the METEO symbol)

Symbol	Meteorological phenomenon
	Thunderstorm
	Fog

Symbol	Meteorological phenomenon
	Heavy snow
	Heavy precipitations
	Wind > 20 kt

**Note**

*Colour and a size of the METEO indication depends on the current application configuration.*

To show/hide METEO indication **activate**  / **Deactivate**  the **METEO** switch in the control panel.

**Note**

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

**(B) Information window**

For METEO symbol in the aerodrome location

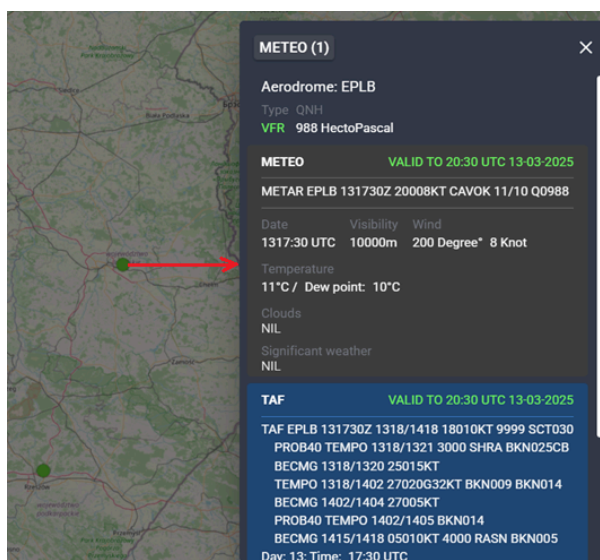
**To display the window:**

1. **RIGHT-click** on the METEO symbol of the respective aerodrome in the map window.
2. An **information window** is displayed that contains METEO messages issued for the respective aerodrome.


**Note**

*If some data is not available or cannot be displayed (e.g. connection issues), **NIL** is displayed.*

*The background color of each METEO message type depends on the current application configuration.*




### (C) Feature Info window


For the aerodrome symbol with METEOROLOGY symbol (e.g. )



### Important

1. Before opening the Feature Info window for an aerodrome, make sure that the **Aerodromes layer is activated**  in the "Map Settings" window.  
 For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)**.
2. Zoom in on the map window to see the aerodrome symbols.

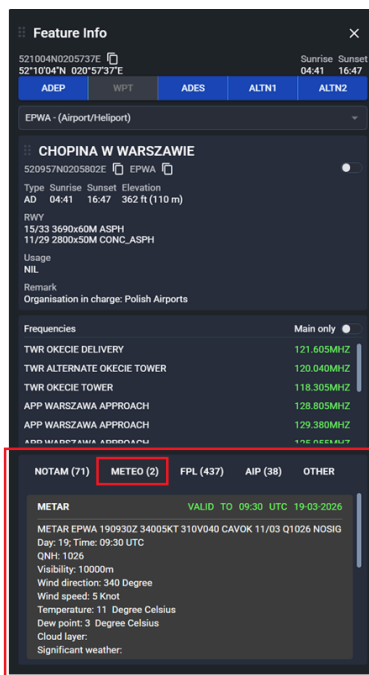
### To display the window:

1. **Click** on the aerodrome symbol with METEOROLOGY symbol (e.g. ) in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective aerodrome.

The METEOROLOGY tab contains a list of the latest effective METEOROLOGY text messages.

### Note

*The order of the different METEOROLOGY message types and the colour of the message background depends on the current application configuration.*



**Note**

*If no NOTAM has been issued, no messages are available or cannot be displayed (e.g. connection issues), **Nothing Found** is shown in the NOTAM tab.*

*For a description of the Feature Info window, see **chap. 3.4.1 (page 42)** .*

**(D) Meteo Messages window**

**To display the window:**

1. **Click** on the **Meteo Messages** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **Meteo Messages** window is displayed.

This window provides a list of current METEO messages.

**Note**

*For description of the Meteo Messages window see **chap. 3.8.1 (page 251)** .*

### 3.4.5.7. Area METEO messages

The METEO message issued for FIR can be of type:

- SIGMET
- GAMET
- AIRMET


This message is presented in the following windows:

#### (A) Feature Info window

For the FIR area



#### Important

*Before opening the Feature Info window for an FIR, make sure that the Layers/Airspace/**FIR/UIR** layer is **activated**  in the "Map Settings" window.*

*For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)**.*

#### To display the window:

1. **Click on the FIR** area in the map window.
2. The **Feature Info** window is displayed that contains information about the respective FIR.

The METEO tab contains respective meteorological messages issued for the FIR.

#### Note

*The message order of the respective type depends on the current configuration of the application.*



**Note**

*If no METEO has been issued, no messages are available or cannot be displayed (e.g. connection issues), **Nothing Found** is shown in the METEO tab, or the tab will not appear.*

*For a description of the Feature Info window, see **chap. 3.4.1 (page 42)** .*

**(B) Meteo Messages window**

**To display the window:**

1. **Click** on the **Meteo Messages** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **Meteo Messages** window is displayed.

This window provides a list of current weather messages.

**Note**

*For description of the Meteo Messages window see **chap. 3.8.1 (page 251)** .*

### 3.4.5.8. FUA messages



The FUA message may be issued for a area type:

- **EPWW FUA** (Cat FUA - Polish FUA)  
FUA(s) over EPWW FIR - messages distributed from CAT
- **EAUP** (eFUA - European FUA)  
FUA(S) over the European territory - messages distributed by NM B2B

This message is presented in the following windows:

#### (A) Map window

An occurrence of FUA message is indicated by:

	<p><b>Bordering</b> and the <b>name</b> of the respective FUA area</p>
	<p>The color of this indication presents the status of the FUA area:</p> <ul style="list-style-type: none"> <li>• <b>PLANNED</b> (yellow)</li> <li>• <b>ACTIVATED</b> (red)</li> </ul>

**Note**

*The color of FUA indication depend on the current application configuration.*

To **show/hide** FUA indication **activate**  / **Deactivate**  the **FUA** switch in the control panel.

**Note**

*For a description of the control panel, see **chap. 3.3 (page 30)** .*

#### (B) Information window

For FUA area displayed in the map window

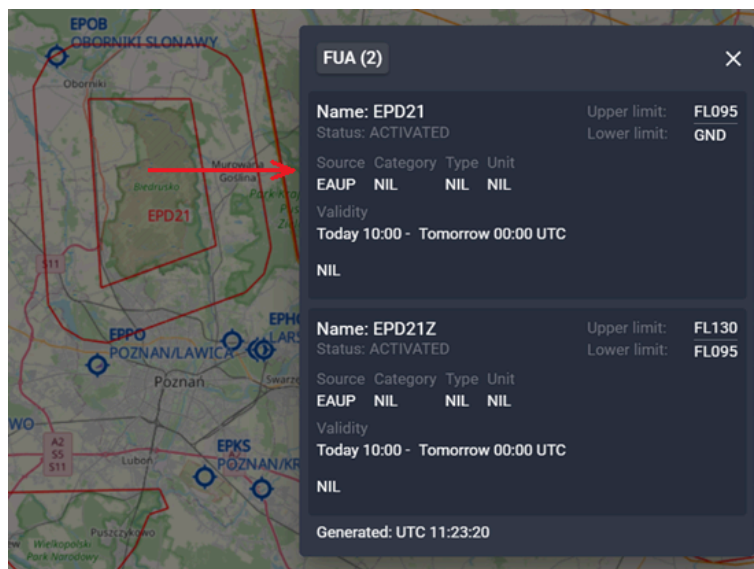
**To display the window:**

1. **RIGHT-click** on the FUA area in the map window.
2. An **information window** will be displayed containing a issued FUA message on the usage of the respective FUA area.

**Note**

If some data is not available or cannot be displayed (e.g. connection issues), **NIL** is displayed.

Vertical limits for FUA are expressed in feet below or at the transition altitude and in flight levels (FL) above the transition altitude.

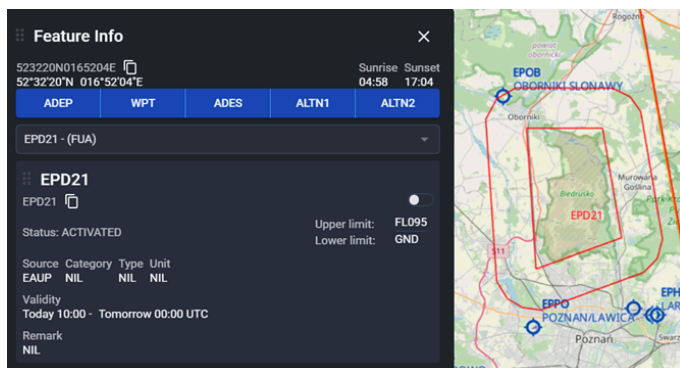


**(C) Feature Info window**

For FUA area displayed in the map window

**To display the window:**

1. **Click** on the **FUA** area in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective FUA area.



**Note**

If some FUA data is not available or the system has problems displaying the data (e.g. connection issues), **NIL** .

Vertical limits for FUA are expressed in feet below or at the transition altitude and in flight levels (FL) above the transition altitude.

For a description of the Feature Info window, see **chap. 3.4.1 (page 42)** .

**(D) Feature Info window**

For the FIR area in which the existence of FUA message(s) is indicated



**Important**

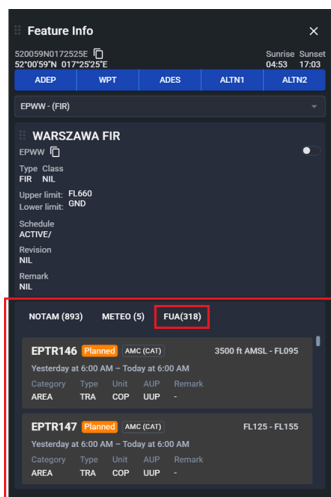
Before opening the Feature Info window for an FIR, make sure that the Layers/Airspace/**FIR/UIR** layer is **activated**  in the "Map Settings" window.

For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)** .

**To display the window:**

1. **Click** on the **FIR** area in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective FIR.

The FUA tab contains FUA message list issued for the FIR.



**Note**

If no FUA has been issued, no messages are available or cannot be displayed (e.g. connection issues), **Nothing Found** is shown in the FUA tab, or the tab will not appear.

Vertical limits for FUA are expressed in feet below or at the transition altitude and in flight levels (FL) above the transition altitude.

For a description of the Feature Info window, see **chap. 3.4.1 (page 42)**.

**(E) FUA Messages window**

To display the window:

1. Click on the **FUA** item in the **Briefing** submenu in the main menu of the PANSA IWB (PILOT Module) application.
2. The **FUA Messages** window is displayed to view FUA messages of temporary reserved areas (Temporary Areas - Cat FUA/eFUA).

**Note**

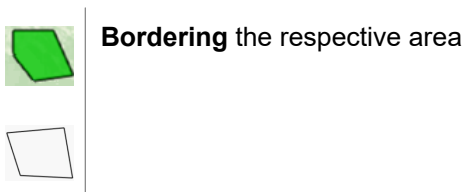
For description of the FUA Messages window see **chap. 3.8.6 (page 287)**.

**3.4.5.9. Areas related to NOTAM messages (LINKAGE)**

An area related to NOTAM messages is presented in the following windows:

**(A) Map window**

An occurrence of an area assigned to NOTAM message is indicated by:



**Note**

The color of the indication depend on the current application configuration.

To show/hide the area(s) assigned to NOTAM messages:

1. **Activate**  / **Deactivate**  the **NOTAM** switch in the control panel.

The Layers/Dynamic Data/**NOTAM LINKAGE** layer displays the available spaces assigned to NOTAM messages.

**Note**

For a description of the layers displayed in map window, see **chap. 3.9.1 (page 306)**.

2. Select the desired **effectiveness** of the displayed NOTAMs by enabling  the required **Valid/Effective** radio button in the control panel, see **chap. 3.3 (page 30)**.

**Note**

For a description of the control panel, see **chap. 3.3 (page 30)**.

**(B) Information window**

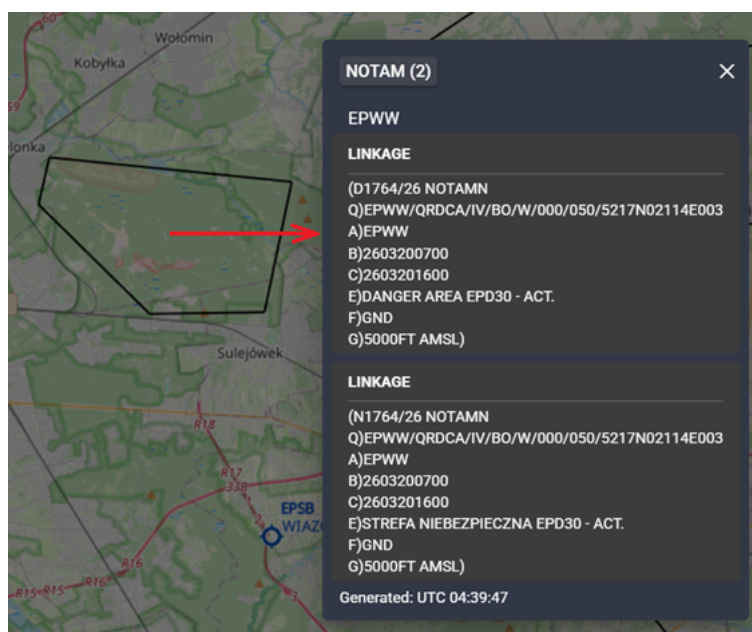
For the area assigned to the NOTAM message

**To display the window:**

1. **RIGHT-click** on the **area indication** assigned to the NOTAM message in the map window.
2. An **information window** is displayed that contains the NOTAM messages to which the corresponding space is assigned.

**Note**

If some data is not available or cannot be displayed (e.g. connection issues), **NIL** is displayed.

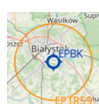


### 3.4.5.10. EAUP/EUUP Area(s)

An EAUP/EUUP area is presented in the following following:

#### (A) Map window

An occurrence of EAUP/EUUP area is indicated by:



**Bordering** and the **name** of the respective EAUP/EUUP area

#### Note

*The color of EAUP/EUUP indication depend on the current application configuration.*

To show/hide EAUP/EUUP area(s) in the map window enable  / disable  the switch of the Layers/Dynamic Data/EAUP/EUUP layer.

#### Note

*For a description of the layers displayed in map window, see **chap. 3.9.1 (page 306)** .*

#### (B) Feature Info window

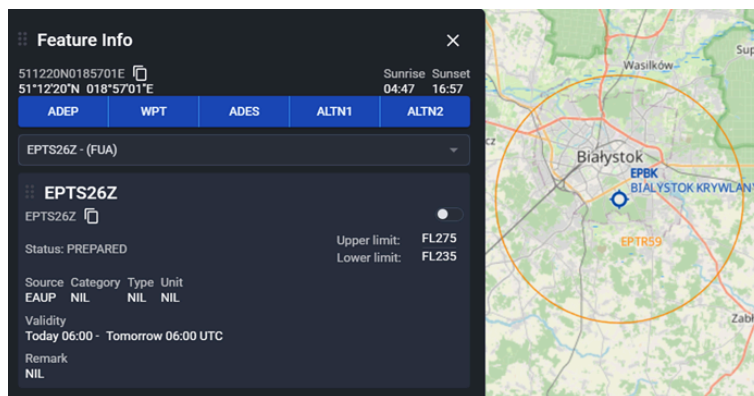
For EAUP/EUUP area displayed in the map window

To display the window:

1. **Click** on the **EAUP/EUUP** area in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective EAUP/EUUP area.

#### Note

*If some data is not available or cannot be displayed (e.g. connection issues), **NIL** is displayed.*



**(C) Information window**

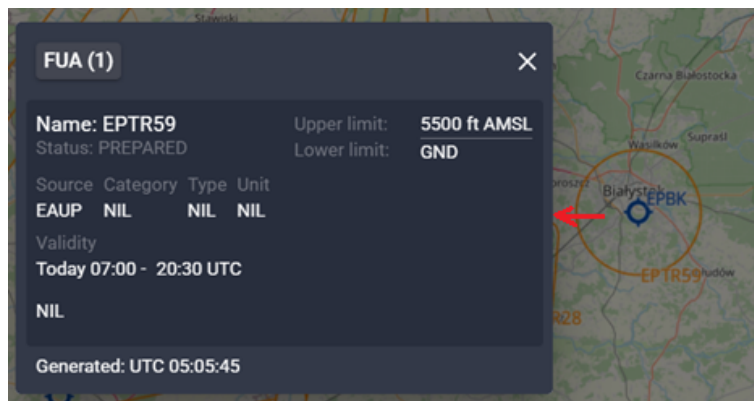
For EAUP/EUUP area displayed in the map window

**To display the window:**

1. **RIGHT-click** on the **EAUP/EUUP** area in the map window.
2. An **information window** is displayed that contains the information about the respective area.

**Note**

*If some data is not available or cannot be displayed (e.g. connection issues), NIL is displayed.*



### 3.4.5.11. Drone Zone(s)

Drone Zone is an airspace within which flights of unmanned aircraft systems are permitted.

This airspace is presented in the following window:

#### Map window

An occurrence of Drone Zone is indicated by:



**Bordering and highlighting** of the respective Drone Zone along with its designation/name.

The color of this indication presents the status of the Drone Zone:



- **Planned** - yellow

Pending Drone Zone; before a commencement of its validity.

- **Active** - red

Active Drone Zone (valid); flight activity is currently in progress.

#### Note

*The color of Drone Zone indication depend on the current application configuration.*

To **show/hide Drone Zone(s)** in the map window enable  / disable  the switch of the Layers/Dynamic Data/**UAV** and/or Layers/Dynamic Data/**DRA** layer.

#### Note

*For a description of the layers displayed in map window, see **chap. 3.9.1 (page 306)** .*

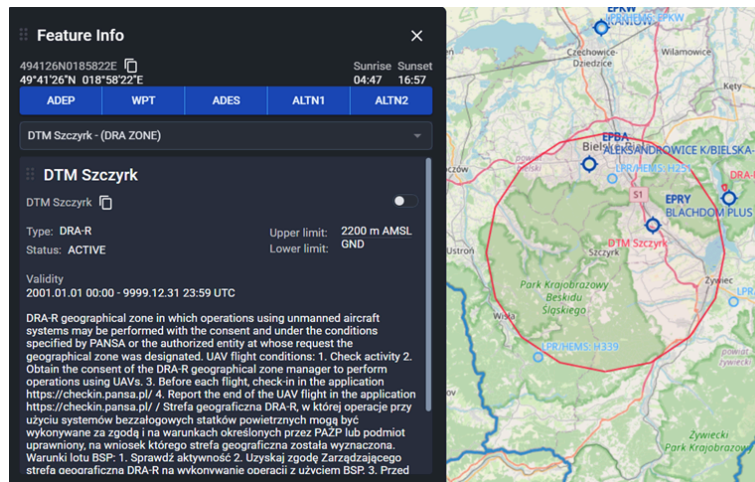
#### (B) Feature Info window

To display the window:

1. **Click** on the Drone Zone in the map window.
2. The **Feature Info** window is displayed, which contains information about the respective Drone Zone.

#### Note

*If some data is not available or cannot be displayed (e.g. connection issues), **NIL** is displayed.*



**(C) Information window**

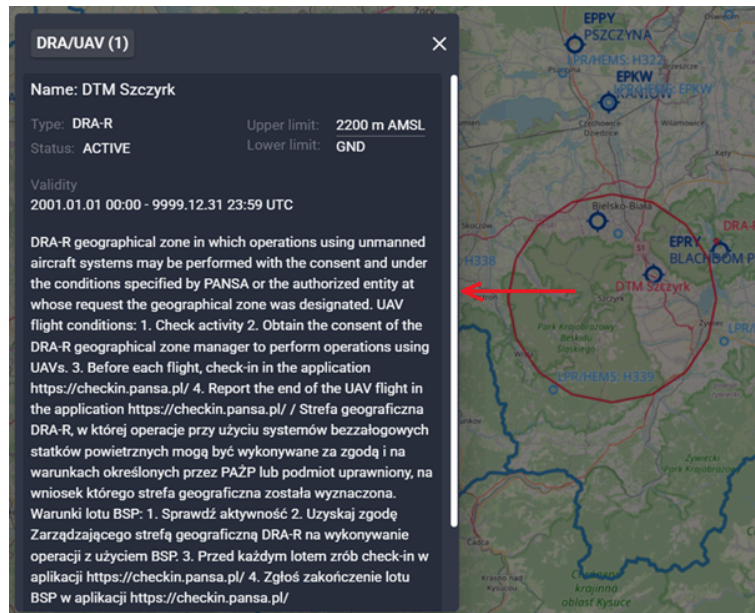
For Drone Zone displayed in the map window

To display the window:




1. **RIGHT-click** on the Drone Zone in the map window.
2. An **information window** will be displayed containing an information about the respective Done Zone.

**Note**

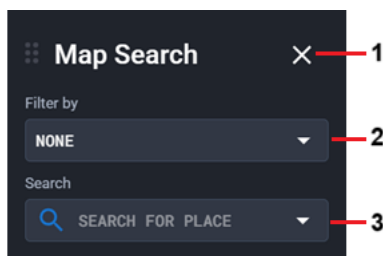
*If some data is not available or cannot be displayed (e.g. connection issues), **NIL** is displayed.*



### 3.4.6. Map Search

<p><b>Activation options:</b></p>	<ul style="list-style-type: none"> <li>- To open/close the <b>Map Search</b> window (see the following figure) to search objects on the map, <b>click</b> on the  icon in the control panel of the PANSA IWB (PILOT Module) application.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For description of the control panel see <b>chap. 3.3 (page 30)</b>.</i></p> </div>
<p><b>Cancel search mode</b></p>	<ul style="list-style-type: none"> <li>- Use one of the following options:                     <ul style="list-style-type: none"> <li>A. Click on the  button to close the Map Search window, or</li> <li>B. Click on the on the  icon in the control panel of the application, or</li> <li>C. activate the display of another window in the application.</li> </ul> </li> </ul>

**Map Search window** serves for a search, in a database of important places/sites and SDO objects to be then shown on a map.



**Fig. 3.8: Map Search window**

**Legend:**

1. Click on the  button to close the window.

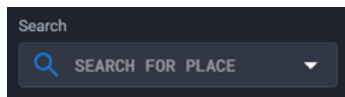
2. **Filter by**



Click the drop-down list to expand the menu.

In the menu, click on the type of SDO object you want to search for.

### 3. Search



To search for an object in the object database of the selected object type (2 item), enter:

- A. **Object parameter** character string according to the following table.

Enter **at least**:

- **3 characters** for a important place
- or**
- **2 characters** for an SDO

and the search will initiate automatically.

SDO database enables a search for objects in accordance with the following parameters:

SDO Item	Parameter 1	Parameter 2	Parameter 3	Parameter 4
<b>Places</b>	CODE_ID	TXT_NAME		
<b>User Points</b>	CODE_ID	TXT_NAME		
<b>Aerodrome (Heliport)</b>	CODE_ID	CODE_ICAO	CODE_IATA	TXT_NAME CITY_SER
<b>Airspace</b>	CODE_ID	TXT_NAME		
<b>Navaid</b>	CODE_ID	TXT_NAME		
<b>VOR</b>	CODE_ID	TXT_NAME		
<b>NDB</b>	CODE_ID	TXT_NAME		
<b>DME</b>	CODE_ID	TXT_NAME		
<b>TAC</b>	CODE_ID	TXT_NAME		
<b>DPN</b>	CODE_ID			

SDO Item	Parameter 1	Parameter 2	Parameter 3	Parameter 4
Enroute	TXT_DESIG			

or

**B. Geographical coordinates** of the object's location.

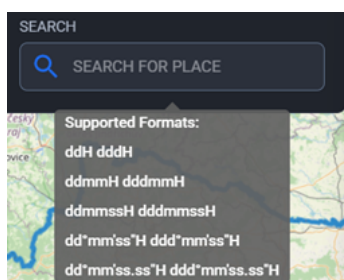
Use one of supported data formats as follows:

Supported Data Format	Description
ddH dddH	dd/ - Degrees ddd
ddmmH dddmmH	mm - Minutes
ddmmssH dddmmssH	ss - Seconds
dd.ddddH ddd.ddddH	.dddd - 4 decimal places of decimal degrees value
dd°mm'ss"H ddd°mm'ss"H	.ss - 2 decimal places of decimal seconds value
dd°mm'ss.ss"H ddd°mm'ss.ss"H	H - Designator of Earth's hemisphere, where: S = South N = North W = West E = East

**Tooltip**

Point the cursor at the Search text box.

A tooltip is displayed that contains supported formats for writing geographical coordinates.

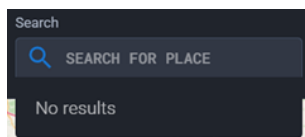


**Note**

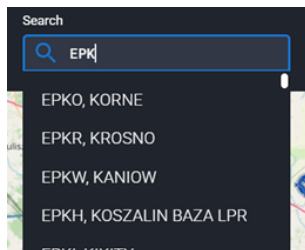
*The maximum number of searched objects is 500.*

After the search is finished, one of the following options will occur:

- A. No object found in the database.

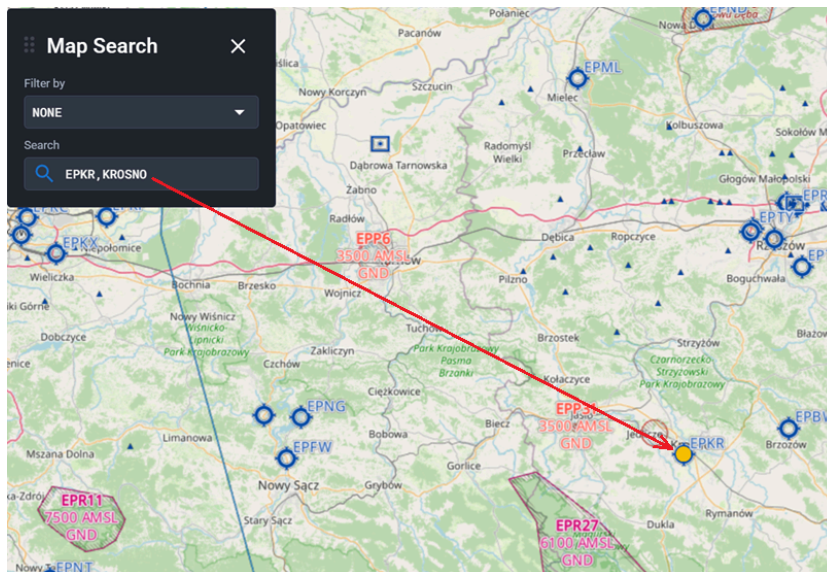


- B. Retrieved objects are listed in the menu.

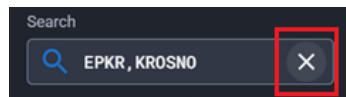


Click on the name/designation of the desired object.

The view in the map window is automatically centered on the location of the respective object and object is highlighted.



### Clear the Search text box



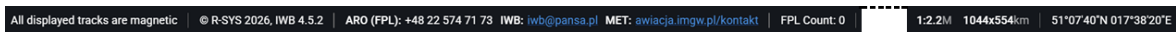
To clear the Search text box click on the  button in this box.

### 3.5. Information Bar of the application



**Note**

The display of indicators depends on the current configuration and the type of user logged in.



**Fig. 3.9: The Information Bar of the application.**

The Information bar may contain the following indicators (in alphabetical order):

Indicator	Description						
<b>FPL Count</b>	The total count of FPLs currently processed by the PANSA IWB (PILOT Module) application.						
<b>© R-SYS</b>	Copyright information.						
<b>IWB X.Y.Z</b>	The current version of the SW application.						
<b>ARO (FPL):</b>	The contact to the application ANS Provider:						
<b>IWB:</b>							
<b>MET:</b>	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">ARO (FPL):</td> <td><b>+48 22 574 71 73</b></td> </tr> <tr> <td>IWB:</td> <td><b><a href="mailto:iwb@pansa.pl">iwb@pansa.pl</a></b> (hyperlink)</td> </tr> <tr> <td>MET:</td> <td><b><a href="http://awiacja.imgw.pl/kontakt">awiacja.imgw.pl/kontakt</a></b> (hyperlink)</td> </tr> </table>	ARO (FPL):	<b>+48 22 574 71 73</b>	IWB:	<b><a href="mailto:iwb@pansa.pl">iwb@pansa.pl</a></b> (hyperlink)	MET:	<b><a href="http://awiacja.imgw.pl/kontakt">awiacja.imgw.pl/kontakt</a></b> (hyperlink)
ARO (FPL):	<b>+48 22 574 71 73</b>						
IWB:	<b><a href="mailto:iwb@pansa.pl">iwb@pansa.pl</a></b> (hyperlink)						
MET:	<b><a href="http://awiacja.imgw.pl/kontakt">awiacja.imgw.pl/kontakt</a></b> (hyperlink)						
	<p><b>Click the IWB e-mail hyperlink</b> if you wish to send a message to ARO support; upon clicking, a window appears with a filled in e-mail address of the recipient.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>To activate e-mail hyperlink, the appropriate Email Client shall be set in operating system by use of Settings/Applications (Apps)/Pre-set applications (Default Apps)/E-mail (Mail) option.</i></p> </div>						
<b>1:2.2M 1044x554km</b>	<p><b>SCALE</b></p> <p>Indicator of the current display scale in the map window.</p>						

Indicator	Description
	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>You can set the application units (Metric/Imperial) in the <b>Options</b> window, see <b>chap. 3.6.1 (page 96)</b>.</i></p> </div>
<p>51°07'40"N 017°38'20"E</p>	<p><b>CURSOR POSITION</b></p> <p>Indicator of the geographic coordinates value in an current cursor position over the map view.</p>

### 3.6. Logged User Indicator

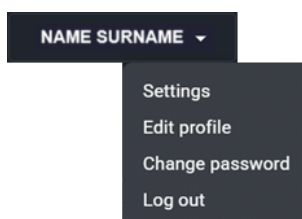
The logged-in user indicator is located in the application **control panel**, see **chap. 3.3 (page 30)**.



**Fig. 3.10: Logged user Indicator**

This indicator consists of either the user's first and last name or the name of the organization to which the user is assigned. It depends on the user's registration in the system. These data are defined in the user's profile, see **chap. 3.6.2 (page 98)**.

**Click indicator** to show/hide the submenu that applies to the logged in user.



**Fig. 3.11: Submenu of Logged user Indicator**

The submenu contains the following items:

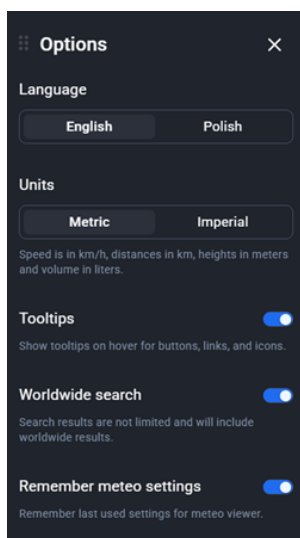
Submenu Item	Description
<p><b>Settings</b></p>	<p>Displays the <b>Options</b> window to set the user settings of the PANSA IWB (PILOT Module) application.</p> <p>For a description of the window, see <b>chap. 3.6.1 (page 96)</b>.</p>

Submenu Item	Description
<b>Edit profile</b>	Displays the <b>Edit Profile</b> window to edit the profile of the currently logged-in user.  For a description of the window, see <b>chap. 3.6.2 (page 98)</b> .
<b>Change password</b>	Displays the <b>Change User Password</b> window to change the login password of the currently logged-in user.  For a description of the window, see <b>chap. 3.6.3 (page 99)</b> .
<b>Log out</b>	Logs the user out of the current account, and displays the PANSA IWB (PILOT Module) application login window.  The login window, see <b>fig. 2.1 (page 20)</b> .

### 3.6.1. Application settings (Options)

To open the **Options** window click "**Settings**" in the submenu of the Logged user indicator, see **chap. 3.6 (page 95)**.









The **Options** window allows to set the user settings of the PANSA IWB (PILOT Module) application.



**Fig. 3.12: The Options window**

The window contains the following controls:

Control element	Description
<b>Language</b>	Toggle buttons to select the language for the HMI of the application:

Control element	Description
	<p><b>English</b> Click <b>English</b> to set the <b>English</b> language;</p> <p><b>Polish</b> Click <b>Polish</b> to set the <b>Polish</b> language;</p>
<b>Units</b>	<p>Toggle buttons for selecting units used in the application (hereinafter referred to as "application units"):</p> <p><b>Metric</b> Click <b>Metric</b> to set metric application units:</p> <ul style="list-style-type: none"> <li>• Distance is in <b>km</b> (kilometers);</li> <li>• Height is in <b>m</b> (meters);</li> <li>• Speed is in <b>km/h</b> (kilometers per hour);</li> <li>• Volume is in <b>l</b> (liters).</li> </ul> <p><b>Imperial</b> Click <b>Imperial</b> to set imperial application units:</p> <ul style="list-style-type: none"> <li>• Distance is in <b>NM</b> (nautical miles);</li> <li>• Height is in <b>ft</b> (feet);</li> <li>• Speed is in <b>kt</b> (knots);</li> <li>• Volume is in <b>gal</b> (gallons).</li> </ul>
<b>Tooltips</b>	<p>Switch to enable  / disable  the tooltips on hover for buttons, links, and icons.</p>
<b>Worldwide search</b>	<p>Switch to enable  / disable  the worldwide search for map objects (Map Search).</p> <ul style="list-style-type: none"> <li> Search results are not limited and will include worldwide results.</li> <li> Search results are in a radius of a configurable value (by default set to 500 km) from the centre of the map currently displayed in Map Window.</li> </ul>
<b>Remember meteo settings</b>	<p>Switch to enable  / disable  saving (the application will remember) the last user display settings in the "METEO Messages" window.</p>

## 3.6.2. Edit Profile

To open the Edit profile window click **Edit profile** in the submenu of the Logged user indicator, see **chap. 3.6 (page 95)**.

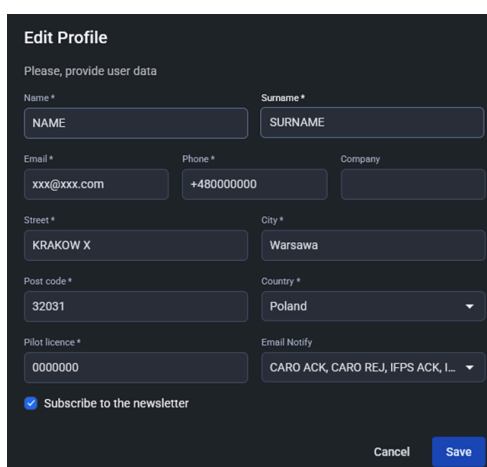
The Edit profile window allows to update/edit the basic data in the profile of the currently logged in user.



### Note

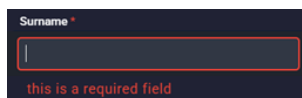
**User accounts are managed by the System Administrator on request.**

**Mandatory data are marked with \* (asterisk) in the window.**



**Fig. 3.13: Edit profile window**

If mandatory information is missing or incorrect, the application will notify you thereof by highlighting the relevant field.



**Fig. 3.14: Missing mandatory data**

The window includes the following options:

- A. **To confirm and save changes**, click **"Save"**.

The user is notified about the result of a user profile update by an appropriate message.

- B. **To close this window** without saving changes, click **"Cancel"**.

### 3.6.3. Change User Password

To open the Change User Password window click "**Change password**" in the submenu of the Logged user indicator, see **chap. 3.6 (page 95)**.

The Change User Password window allows to change the login password of the user currently logged into the PANSА IWB (PILOT Module) application.



#### Note

Login password must be **at least 8 characters long**.

Mandatory data are marked with \* (asterisk).

**Change User Password**

Old password \*

New password \*

Repeat password \*

8 - 30 characters long, contains at least 3 out of 4 of the: numbers, upper case, lower case, symbol (@, +, /, /, )

Cancel Save

Fig. 3.15: Change User Password window

If the mandatory data are missing or entered incorrectly, the application will notify the user thereof (see the following figure).

Old password \*

Invalid password format

New password \*





Password is required.

Repeat password \*

Password is required.

Fig. 3.16: Missing or incorrect mandatory data

The window contains the following controls:

Control Element	Description
<b>Old password *</b>	Text field for entering the current password.
<b>New password *</b>	Text field for entering the new password. <b>Important</b> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <i>The login password must be at least 8 - 30 characters long, contains at least 3 out of 4 of the: numbers, upper case, lower case, symbol (@, +, !, /, .).</i> </div>
<b>Repeat password *</b>	Text field to repeat the new password.
 	To view and check the inserted characters in the New password and Repeat password text fields, click the  icon.  To hide the password, click the  icon.
<b>Save</b>	The button to confirm the password change and closes the Change User Password window.
<b>Cancel</b>	The button to close the Change User Password window without saving changes..

### 3.7. Planning

Click on the / button of the **Planning** item in the main menu of the PANSA IWB (PILOT Module) application to expand/collapse a submenu for flight planning.

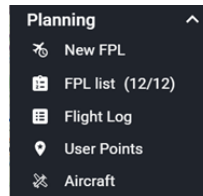


**Note**

*Availability and ordering of the functionalities in the submenu depends on the current configuration.*

*The function is available just for specified types of users.*

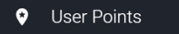
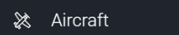
*For a description of the main menu, see **chap. 3.3 (page 30)**.*



**Fig. 3.17: Planning Submenu**

The submenu may contain the following items:

Submenu Item	Description
<b>New FPL</b>	Open/Close the New FPL window with the FPL form to new flight plan submission.  For a description of the New FPL window see <b>chap. 3.7.1 (page 102)</b> .
<b>FPL list</b>	Open/Close the FPL List window with the FPL list and for working with them.  For a description of the FPL List window see <b>chap. 3.7.2 (page 159)</b> .  Next to the <b>FPL list</b> item name is an indication ( <b>A/T</b> ) of the number of FPLs in the FPL list:  <b>A</b> The count of <b>active</b> FPLs of ongoing flights (DEP message sent)  <b>T</b> The <b>total</b> count of FPL
<b>Flight Log</b>	Open/Close the Flight Logs window with a database of flight intentions (plans), and for working with them.

Submenu Item	Description
<b>Fligh Log</b>	For a description of the Flight Logs window see <b>chap. 3.7.3 (page 185)</b> .
 <b>User Points</b>	Open/Close the User Points window with a database of user-defined points, and for working with them.  For a description of the User Points window see <b>chap. 3.7.5 (page 223)</b> .
 <b>Aircraft</b>	Open/Close the Aircraft window with a database of aircraft, and for working with them.  For a description of the Aircraft window see <b>chap. 3.7.6 (page 233)</b> .

### 3.7.1. New FPL



#### Important

*Only authorized users can submit flight plans.  
Complete the FPL in accordance with Appendix 2 of ICAO Doc 4444-ATM/501.*



#### Note

*The function is available just for specified types of users.*

#### Options for opening the FPL form

##### A. Submit a new FPL

Click the **New FPL** item in the **Planning** submenu of the PANSA IWB (PILOT Module) main menu, see **chap. 3.2 (page 29)**.

A blank, complete FPL form is displayed.

##### B. Submit a new FPL according to the existing FPL

In the FPL list (see **chap. 3.7.2 (page 159)**), click on the FPL row to display the FPL window for the respective FPL.

Click the **New** button in the FPL window.

The complete FPL form is displayed, which contains pre-filled data from the respective FPL.

**C. Submit a new FPL from a flight intention**

Click the icon in the Flight Log window, see **chap. 3.7.3 (page 185)**.

The complete FPL form is displayed, which contains pre-filled data from the respective flight intention.

**D. Submit a new FPL with the return flight**

In the FPL list (see **chap. 3.7.2 (page 159)**), click on the FPL row to display the FPL window for the respective FPL.

Click the **Reverse route** button in the FPL window , see **chap. (page 172)**.

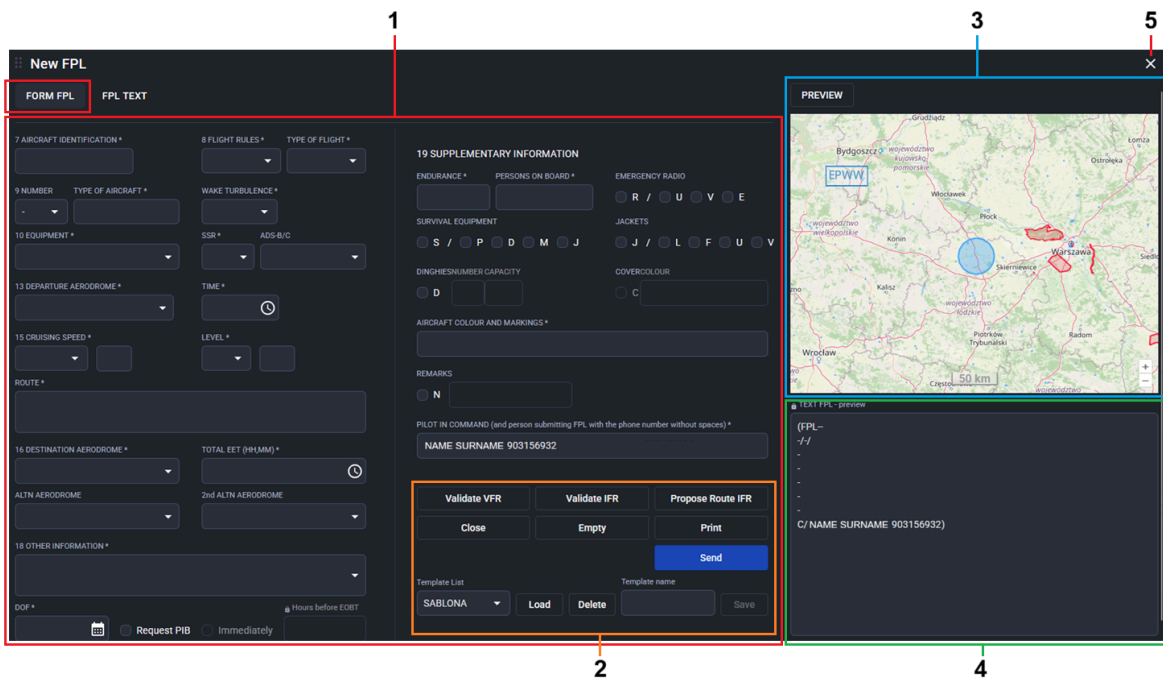
The complete FPL form appears indicating FPL-related values for the return flight.

**E. Preview a FPL**

In the FPL list (see **chap. 3.7.2 (page 159)**), click on the FPL row to display the FPL window for the respective FPL.

Click the **View** in the FPL window.

In read-only mode, the complete FPL form is displayed, which contains data from the applicable FPL.



**Fig. 3.18: FPL formular sections - FORM FPL**

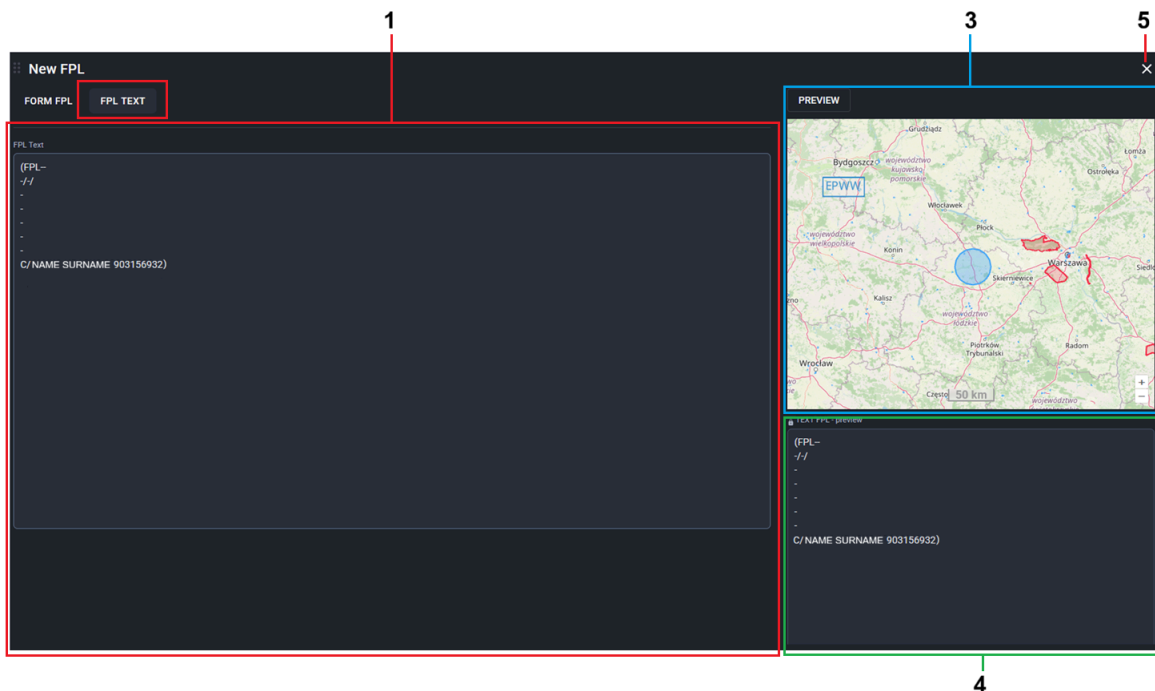


Fig. 3.19: FPL formular sections - TEXT FPL

**Legend:**

**Section (1)**

Section to create/edit FPL.

**FORM FPL**

The section offers two ways to create/edit an FPL:

**TEXT FPL**

**Click the FORM FPL toggle button to display the complete FPL form to insert all the items of the new FPL separately, see chap. 3.7.1.1 (page 106).**

**Note**

*After the first opening of the New FPL window, the complete FPL form is displayed automatically (by default).*

**Click the TEXT FPL toggle button to display the FPL form to write the FPL in text form, see chap. 3.7.1.2 (page 132).**

**Note**

*After click the switch (2) TEXT FPL, the data entered in the form (1) FORM FPL is automatically transferred to the text form of FPL and you can edit it.*

**Section (2)**

Actions

The section contains control elements and action buttons that allow to perform further actions on the FPL, e.g. save it, send it, etc.

For description of this section see **chap. 3.7.1.3 (page 133)**.

**Section (3)**

Show flight route on the map

**Note**

*The section is available in the respective FPL form depending on the current application configuration.*

Section to display the flight route from the respective FPL on the map.

To view the flight route on the map, click the **PREVIEW** button.

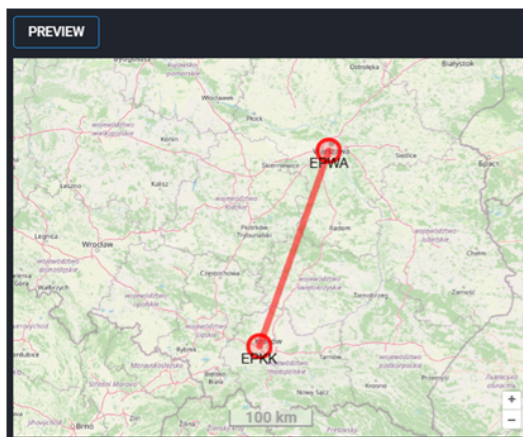
**Important**

*It is necessary to fill in the mandatory items of the FORM FPL (1):*

- **15 ROUTE\***  
**and / or.**
- **13 DEPARTURE AERODROME**  
**with**  
**16 DESTINATION AERODROME**

*of the FORM FPL must be completed.*

*Otherwise, when you click the PREVIEW button, an error notification is displayed and the flight route is not displayed.*



	Working with the view is the same as described in <b>chap. 3.4.3 (page 54)</b> .
<p><b>Section (4)</b></p> <p>Textual FPL form</p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The section is available in the respective FPL form depending on the current application configuration.</i></p> </div> <p>Section for view the text form of the respective FPL that is currently entered in the FORM FPL (1).</p> <p>The section is locked  and cannot be edited.</p> <p>To edit the text form of the respective FPL, use the TEXT FPL (1) section, see <b>chap. 3.7.1.2 (page 132)</b>.</p>
(5)	Click this button to close the window.

### 3.7.1.1. Section (1) - FORM FPL

FSC (ARO) user can create/edit a FPL by filling its items separately in the complete FPL form.

Click the **FORM FPL** toggle button to display the complete FPL form (see the following figure).

The screenshot shows a dark-themed web form titled 'FORM FPL'. At the top, there are two tabs: 'FORM FPL' (which is selected and highlighted with a red box) and 'FPL TEXT'. The form is organized into several sections:

- 7 AIRCRAFT IDENTIFICATION \***: Includes fields for aircraft number and type.
- 8 FLIGHT RULES \*** and **TYPE OF FLIGHT \***: Dropdown menus.
- 9 NUMBER** and **TYPE OF AIRCRAFT \***: Input fields.
- 10 EQUIPMENT \***: Dropdown menu.
- 13 DEPARTURE AERODROME \***: Dropdown menu.
- 15 CRUISING SPEED \***: Input field.
- ROUTE \***: Text input field.
- 16 DESTINATION AERODROME \***: Dropdown menu.
- 18 OTHER INFORMATION \***: Text input field.
- 19 SUPPLEMENTARY INFORMATION**: Contains sub-sections for:
  - ENDURANCE \*** and **PERSONS ON BOARD \***: Input fields.
  - EMERGENCY RADIO**: Radio buttons for R, U, V, E.
  - SURVIVAL EQUIPMENT**: Radio buttons for S, P, D, M, J.
  - JACKETS**: Radio buttons for J, L, F, U, V.
  - DINGHIES/NUMBER CAPACITY**: Radio button for D and an input field.
  - COVER COLOUR**: Radio button for C and an input field.
  - AIRCRAFT COLOUR AND MARKINGS \***: Text input field.
  - REMARKS**: Radio button for N and an input field.
  - PILOT IN COMMAND (and person submitting FPL with the phone number without spaces) \***: Input field with the value 'NAME SURNAME 903156932'.
- DOF \***: Radio buttons for 'Request PIB' and 'Immediately', with a note 'Hours before EOBT'.

Fig. 3.20: FORM FPL



**Important**


Complete the FPL form in accordance with Appendix 2 of ICAO Doc 4444-ATM/501.  
 Mandatory items are marked with a \* (star).  
 How to edit the form using the keyboard and mouse, see **chap. 3.7.1.4 (page 140)**.

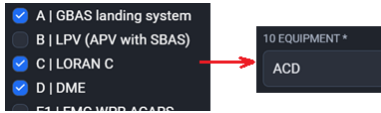

The FORM FPL from contains the following items:

No.	Item	Description
7	<b>AIRCRAFT IDENTIFICATION *</b>	<p>- Text box for entering the registration or ICAO designation of the aircraft or its call sign.</p> <p>Insert one of the following:</p> <ul style="list-style-type: none"> <li>• The registration marking of the aircraft (GABCD, N1234GA), either alone or preceded by the ICAO telephony designator for the operating agency.</li> <li>• The ICAO designator for the aircraft operating agency, followed by a flight number.</li> <li>• The call sign determined by the military authorities.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>Insert one of the above aircraft identifications, not exceeding 7 alphanumeric characters.</i></p> <p><i>The item is checked whether AIRCRAFT IDENTIFICATION value is inserted.</i></p> </div> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>Only one FPL per aircraft registration can be submitted within 30 minutes. If another FPL with the same aircraft registration is submitted within this time period, the application notifies the user thereof, and such FPL is not sent.</i></p> </div>
8	<b>FLIGHT RULES *</b>	<p>- Select one of the following letters to denote the category of flight rules with which the pilot intends to comply:</p>

No.	Item	Description										
		<table border="1"> <tr> <td>-</td> <td>None of the below.</td> </tr> <tr> <td>I</td> <td>If it is intended that the entire flight will be operated under the IFR.</td> </tr> <tr> <td>V</td> <td>If it is intended that the entire flight will be operated under the VFR.</td> </tr> <tr> <td>Y</td> <td>If the flight initially will be operated under the IFR, followed by one or more subsequent changes of flight rules (*).</td> </tr> <tr> <td>Z</td> <td>If the flight initially will be operated under the VFR, followed by one or more subsequent changes of flight rules (*).</td> </tr> </table> <p>* Specify, in Item 15 the point(s) at where a change of flight rules is planned.* Specify, in Item 15 the point(s) at where a change of flight rules is planned followed by VFR (for Y) or IFR (for Z). If the FPL form was generated from a Flight Log (see <b>chap. 3.7.3 (page 185)</b> ), and the flight rules in the FPL form are consequently adjusted manually to Y or Z, the respective string VFR or IFR is added automatically at the end of the route in item 15. The user will be notified to verify the contents of item 15, i.e. insert such string after the waypoint in which the change of flight rules is planned.</p> <p><b>Note</b></p> <div style="border: 1px solid orange; padding: 5px;"> <p><i>Insert just 1 character.</i></p> <p><i>The item is checked whether FLIGHT RULES value is inserted.</i></p> </div> <p><b>Note</b></p> <div style="border: 1px solid orange; padding: 5px;"> <p><i>If Y or Z letter is inserted in item (8) then IFR- or VFR- flight rules are automatically specified in item (15). Verify the contents of item 15.</i></p> </div>	-	None of the below.	I	If it is intended that the entire flight will be operated under the IFR.	V	If it is intended that the entire flight will be operated under the VFR.	Y	If the flight initially will be operated under the IFR, followed by one or more subsequent changes of flight rules (*).	Z	If the flight initially will be operated under the VFR, followed by one or more subsequent changes of flight rules (*).
-	None of the below.											
I	If it is intended that the entire flight will be operated under the IFR.											
V	If it is intended that the entire flight will be operated under the VFR.											
Y	If the flight initially will be operated under the IFR, followed by one or more subsequent changes of flight rules (*).											
Z	If the flight initially will be operated under the VFR, followed by one or more subsequent changes of flight rules (*).											
	<b>TYPE OF FLIGHT *</b>	<p>- Select one of the following letters to denote the type of flight:</p> <table border="1"> <tr> <td>-</td> <td>None of the below.</td> </tr> <tr> <td>S</td> <td>If scheduled air service</td> </tr> </table>	-	None of the below.	S	If scheduled air service						
-	None of the below.											
S	If scheduled air service											

No.	Item	Description								
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;"><b>N</b></td> <td>If non-scheduled air transport operation</td> </tr> <tr> <td style="text-align: center;"><b>G</b></td> <td>If general aviation</td> </tr> <tr> <td style="text-align: center;"><b>M</b></td> <td>If military</td> </tr> <tr> <td style="text-align: center;"><b>X</b></td> <td>If other than any of the defined categories above</td> </tr> </table> <p style="color: #FFA500; margin-top: 10px;"><b>Note</b></p> <div style="border: 1px solid #FFA500; padding: 5px; margin-top: 5px;"> <p><i>Insert just 1 character.</i></p> <p><i>The item is checked whether TYPE OF FLIGHT value is inserted.</i></p> </div>	<b>N</b>	If non-scheduled air transport operation	<b>G</b>	If general aviation	<b>M</b>	If military	<b>X</b>	If other than any of the defined categories above
<b>N</b>	If non-scheduled air transport operation									
<b>G</b>	If general aviation									
<b>M</b>	If military									
<b>X</b>	If other than any of the defined categories above									
9	<b>NUMBER</b>	<p>- Insert the number of aircraft, if more than one.</p> <p style="color: #FFA500; margin-top: 10px;"><b>Note</b></p> <div style="border: 1px solid #FFA500; padding: 5px; margin-top: 5px;"> <p><i>Insert 1 or 2 characters.</i></p> <p><i>In NUMBER Item the number of aircraft is set to 1 by default.</i></p> </div>								
	<b>TYPE OF AIRCRAFT *</b>	<p>- Insert the appropriate designator as specified by ICAO (ICAO Doc 8643), or if no such designator has been assigned, insert ZZZZ and specify in Item 18 the (numbers and) type(s) of aircraft preceded by TYP/</p> <p style="color: #FFA500; margin-top: 10px;"><b>Note</b></p> <div style="border: 1px solid #FFA500; padding: 5px; margin-top: 5px;"> <p><i>Insert 2 to 4 characters</i></p> <p><i>The item is checked whether TYPE OF AIRCRAFT value is inserted and whether the inserted text string is available in Aircraft DB.</i></p> <p><i>Otherwise, the FPL will be evaluated invalid (by the FPL validation check).</i></p> </div>								
	<b>WAKE TURBULENCE</b> * (Category)	<p>- Select one of the following letters:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 5%; text-align: center;">-</td> <td>None of the below.</td> </tr> </table>	-	None of the below.						
-	None of the below.									

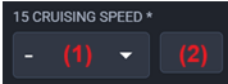
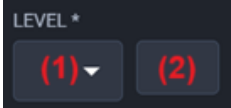
No.	Item	Description								
		<table border="1"> <tr> <td><b>L</b></td> <td>LIGHT, MTOW of 7.000 kg or less.</td> </tr> <tr> <td><b>M</b></td> <td>MEDIUM, MTOW less than 136.000 kg but more than 7.000 Kg (15.500 lb).</td> </tr> <tr> <td><b>H</b></td> <td>HEAVY, MTOW of 136.000 kg (300.000 lb) or more.</td> </tr> <tr> <td><b>J</b></td> <td>SUPER HEAVY, for Airbus A380-800.</td> </tr> </table> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px;"> <p><i>Insert just 1 character.</i></p> <p><i>The item is checked whether WAKE TURBULENCE value is inserted.</i></p> </div>	<b>L</b>	LIGHT, MTOW of 7.000 kg or less.	<b>M</b>	MEDIUM, MTOW less than 136.000 kg but more than 7.000 Kg (15.500 lb).	<b>H</b>	HEAVY, MTOW of 136.000 kg (300.000 lb) or more.	<b>J</b>	SUPER HEAVY, for Airbus A380-800.
<b>L</b>	LIGHT, MTOW of 7.000 kg or less.									
<b>M</b>	MEDIUM, MTOW less than 136.000 kg but more than 7.000 Kg (15.500 lb).									
<b>H</b>	HEAVY, MTOW of 136.000 kg (300.000 lb) or more.									
<b>J</b>	SUPER HEAVY, for Airbus A380-800.									
10	<b>EQUIPMENT *</b>	<div style="border: 1px solid black; padding: 5px;"> <p>10 EQUIPMENT *      SSR *      ADS-B/C</p> <p>(1)      (2)      (3)</p> </div> <p>The item comprises following set of control elements:</p> <ul style="list-style-type: none"> <li>• <b>(1) EQUIPMENT *</b> - the text box for a inserting/ selection of radio communication, navigation and approach aid equipment to be carried on board by checking the respective check box.</li> </ul> <p>To choose from the offered items, click the icon  <b>(1)</b>. The following window will appear.</p> <div style="border: 1px solid black; padding: 5px;"> <p><b>Equipment and Capability</b> <span style="float: right;">×</span></p> <p><input type="checkbox"/> N   Check if no COM/NAV/approach aid equipment for the route to be flown is carried, or the equipment is unserviceable.</p> <p>OR</p> <p><input type="checkbox"/> S   Check if standard COM/NAV/approach aid equipment for the route to be flown is carried and serviceable. Standard equipment is considered to be VHF RTF, VOR and ILS, unless another combination is prescribed by the appropriate ATS authority</p> <p>AND / OR check one or more of the following letters to indicate the serviceable equipment and capabilities available.</p> <p><input type="checkbox"/> A   GBAS landing system</p> <p><input type="checkbox"/> B   LPV (APV with SBAS)</p> <p><input type="checkbox"/> C   LORAN C</p> <p><input type="checkbox"/> D   DME</p> <p><input type="checkbox"/> E1   FMC WPR ACARS</p> <p><input type="checkbox"/> E2   D-FIS ACARS</p> <p><input type="checkbox"/> E3   PDC ACARS</p> <p><input type="checkbox"/> F   ADF</p> <p><input type="checkbox"/> G   GNSS (Global Navigation Satellite System) If any portion of the flight is planned to be conducted under IFR, it refers to GNSS receivers that comply with the requirements of ICAO Annex 10, Volume I. Additionally, the types of external GNSS augmentation, if any, are specified in item 18 following the indicator NAV/ and separated by a space)</p> <p><input type="checkbox"/> H   HF RTF</p> <p><input type="checkbox"/> I   Inertial Navigation</p> <p><input type="checkbox"/> J1   CPDLC ATN VDL Mode 2 (see RTCA/EUROCAE Interoperability Requirements Standard for ATN Baseline 1 (ATN B1 INTEROP Standard – DO-280B/ED-110B) for data link services air traffic control clearance and information/air traffic control communication management/air traffic control microphone check))</p> <p><input type="checkbox"/> J2   CPDLC FANS 1/A HFDL</p> <p><input type="checkbox"/> J3   CPDLC FANS 1/A VDL Mode A</p> <p><input type="checkbox"/> J4   CPDLC FANS 1/A VDL Mode B</p> <p style="text-align: right;">Set</p> </div>								

No.	Item	Description
		<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>For a description of items listed in windows refer to <b>chap. (page 127)</b> .</i></p> <p><i>For a description of working with the window, see <b>chap. 3.7.1.4 (page 145)</b> .</i></p> </div> <p>The user chooses one of the letters N or S. You can selected one or more COM/NAV/ approach aid equipment choices for item S.</p> <p>Confirm the selection with the <b>Set</b> button. The letters of the selected options will be displayed in the text box <b>(1)</b>.</p> <div style="text-align: center; margin-bottom: 10px;">  </div> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>Insert additional communication equipment carried by the aircraft in Item 18 preceded by COM/.</i></p> <p><i>Insert additional navigation equipment carried by the aircraft in Item 18 preceded by NAV/.</i></p> </div> <ul style="list-style-type: none"> <li>• <b>(2) SSR *</b> - the text box for a inserting/ selection the SSR equipment available on board.</li> </ul> <p>To choose from the offered items, click the icon  <b>(2)</b>. The following window will appear.</p>

No.	Item	Description
		<div style="border: 1px solid black; padding: 5px;"> <p><b>Equipment and Capability</b> <span style="float: right;">✕</span></p> <p><input type="radio"/> N   Check if no surveillance equipment for the route to be flown is carried, or the equipment is unserviceable.</p> <p>LUB</p> <p>SSR Modes A and C</p> <p><input type="radio"/> A   Transponder Mode A (4 digits 4 096 codes)</p> <p><input type="radio"/> C   Transponder Mode A (4 digits 4 096 codes) and Mode C</p> <p>SSR Mode S</p> <p><input type="radio"/> E   Transponder Mode S, including aircraft identification, pressure-altitude and extended squitter (ADS-B) capability</p> <p><input type="radio"/> H   Transponder Mode S, including aircraft identification, pressure-altitude and enhanced surveillance capability</p> <p><input type="radio"/> I   Transponder Mode S, including aircraft identification, but no pressure-altitude capability</p> <p><input type="radio"/> L   Transponder Mode S, including aircraft identification, pressure-altitude, extended squitter (ADS-B) and enhanced surveillance capability</p> <p><input type="radio"/> P   Transponder Mode S, including pressure-altitude, but no aircraft identification capability</p> <p><input type="radio"/> S   Transponder Mode S, including both pressure altitude and aircraft identification capability</p> <p><input type="radio"/> X   Transponder Mode S with neither aircraft identification nor pressure-altitude capability</p> <p style="text-align: right;">Set</p> </div> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>For a description of items listed in windows refer to <b>chap. (page 129)</b> .</i></p> <p><i>For a description of working with the window, see <b>chap. 3.7.1.4 (page 145)</b> .</i></p> </div> <p>Choose the letter N or other options. If N is unchecked, you can select 1 or more SUR equipments from the menu.</p> <p>Confirm the selection with the <b>Set</b> button. The letters of the selected options will be displayed in the text box <b>(2)</b>.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> </div> <ul style="list-style-type: none"> <li><b>(3) ADS-B/C</b> - the text box for a inserting/ selection the capabilities available on board.</li> </ul> <p>To choose from the offered items, click the icon <b>(3)</b>. The following window will appear.</p>

No.	Item	Description
		<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>Equipment and Capability</b> <span style="float: right;">✕</span></p> <p>ADS-B</p> <ul style="list-style-type: none"> <li><input type="radio"/> B1   ADS-B with dedicated 1090 MHz ADS-B out capability</li> <li><input type="radio"/> B2   ADS-B with dedicated 1090 MHz ADS-B out and in capability</li> <li><input type="radio"/> U1   ADS-B out capability using UAT</li> <li><input type="radio"/> U2   ADS-B out and in capability using UAT</li> <li><input type="radio"/> V1   ADS-B out capability using VDL Mode 4</li> <li><input type="radio"/> V2   ADS-B out and in capability using VDL Mode 4</li> </ul> <p>ADS-C</p> <ul style="list-style-type: none"> <li><input type="radio"/> D1   ADS-C with FANS 1/A capabilities</li> <li><input type="radio"/> G1   ADS-C with ATN capabilities</li> </ul> <p style="text-align: right;">Set</p> </div> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>For a description of items listed in windows refer to <b>chap. (page 131)</b> .</i></p> <p><i>For a description of working with the window, see <b>chap. 3.7.1.4 (page 145)</b> .</i></p> </div> <p>You can perform one or more choices for any item.</p> <p>Confirm the selection with the <b>Set</b> button. The letters of the selected options will be displayed in the text box <b>(3)</b>.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> </div>
13	<b>DEPARTURE AERODROME *</b>	<p>- Insert the ICAO Indicator of the departure aerodrome, or if no location indicator has been assigned, insert ZZZZ in the item 13, a search window will appear (see description below).</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>Insert 4-letter indicator.</i></p> <p><i>The item is checked whether DEPARTURE AERODROME value is inserted and whether the inserted text string is available in AIXM DB. Otherwise, the FPL will be evaluated invalid (by the FPL validation check).</i></p> </div> <p>Enter the data in the text box using the keyboard or click the icon  to search for the desired ICAO code by the inserted string of characters from the ICAO code,</p>

No.	Item	Description
		<p>or by the name of the airport. The following window will appear. For description of the window see <b>chap. 3.7.1.4 (page 145)</b> .</p>  <p>After selecting an airport from the searched options, its ICAO code is inserted in item 13 and the window closes.</p>
	<p><b>TIME *</b></p>	<p>- Insert the estimated off-block time (EOBT) in <b>HHMM</b> format:</p> <ul style="list-style-type: none"> <li>• <b>HH</b> is hour;</li> <li>• <b>MM</b> is minute.</li> </ul> <p>When a new FPL form is opened, this item is empty.</p> <p>Write the data using the keyboard, or click the icon  to select (set) the time. The following window will appear. For description of the window see <b>chap. 3.7.1.4 (page 145)</b> .</p>  <p>Confirm the selected time with the <b>OK</b> button. The respective data is entered in the TIME text box and the window is closed.</p>

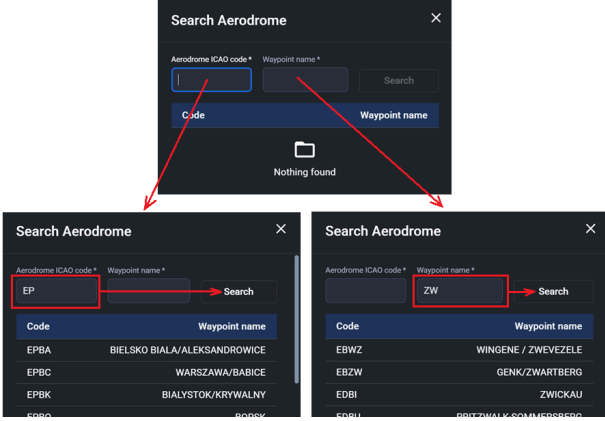

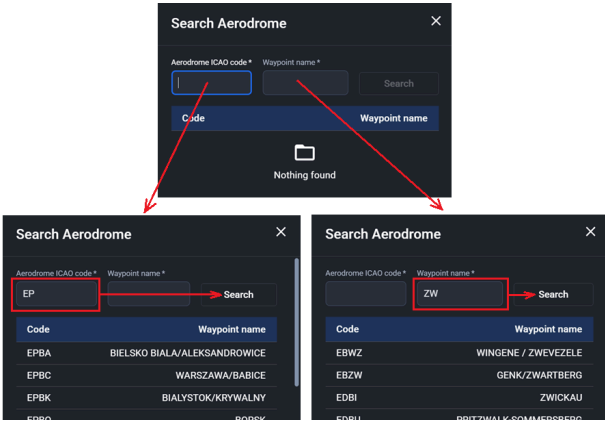
No.	Item	Description								
		<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>Insert 4 numeral characters</i></p> <p><i>The item is checked whether TIME value is inserted</i></p> </div>								
15	<b>CRUISING SPEED *</b>	<p>- <b>(1)</b> A drop-down list to select a letter to indicate the cruising speed and <b>(2)</b> a text box to enter the speed value (see the following picture).</p> <div style="text-align: center;">  </div> <p>Select one of the following letters:</p> <table border="1"> <tr> <td>-</td> <td>None of the below.</td> </tr> <tr> <td><b>K</b></td> <td>Kilometres per hour [km/h], expressed as K followed by 4 figures (e.g. K0830)</td> </tr> <tr> <td><b>N</b></td> <td>Knots [kt], expressed as N followed by 4 figures (e.g. N0485)</td> </tr> <tr> <td><b>M</b></td> <td>True Mach number, when so prescribed by the appropriate ATS authority, to the nearest hundredth of unit Mach, expressed as M followed by 3 figures (e.g. M082)</td> </tr> </table> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>Insert maximum 5 characters.</i></p> <p><i>The Item is checked whether CRUISING SPEED value is inserted</i></p> </div>	-	None of the below.	<b>K</b>	Kilometres per hour [km/h], expressed as K followed by 4 figures (e.g. K0830)	<b>N</b>	Knots [kt], expressed as N followed by 4 figures (e.g. N0485)	<b>M</b>	True Mach number, when so prescribed by the appropriate ATS authority, to the nearest hundredth of unit Mach, expressed as M followed by 3 figures (e.g. M082)
-	None of the below.									
<b>K</b>	Kilometres per hour [km/h], expressed as K followed by 4 figures (e.g. K0830)									
<b>N</b>	Knots [kt], expressed as N followed by 4 figures (e.g. N0485)									
<b>M</b>	True Mach number, when so prescribed by the appropriate ATS authority, to the nearest hundredth of unit Mach, expressed as M followed by 3 figures (e.g. M082)									
	<b>LEVEL *</b> (Cruising Level)	<p>- <b>(1)</b> A drop-down list for selecting a letter for the cruising level designation and <b>(2)</b> a text box for entering the value of the cruising level (see the following picture).</p> <div style="text-align: center;">  </div>								

No.	Item	Description												
		<p>Select one of the following letters:</p> <table border="1"> <tr> <td>-</td> <td>None of the below.</td> </tr> <tr> <td><b>F</b></td> <td>Flight level, expressed as F followed by 3 figures (e.g. F085; F330)</td> </tr> <tr> <td><b>S</b></td> <td>*Standard Metric Level in tens of metres, expressed as S followed by 4 figures (e.g. S1130)</td> </tr> <tr> <td><b>A</b></td> <td>Altitude in hundreds of feet, expressed as A followed by 3 figures (e.g. A045; A100)</td> </tr> <tr> <td><b>M</b></td> <td>*Altitude in tens of metres, expressed as M followed by 4 figures (e.g. M0840)</td> </tr> <tr> <td><b>VFR</b></td> <td>For uncontrolled VFR flights. No cruising level value is to be entered and the respective text box stays empty and deactivated.</td> </tr> </table> <p>* When so prescribed by the appropriate ATS authorities.</p> <p><b>Note</b></p> <div style="border: 1px solid orange; padding: 5px;"> <p><i>Insert maximum 5 characters.</i></p> <p><i>The Item is checked whether LEVEL value is inserted.</i></p> </div>	-	None of the below.	<b>F</b>	Flight level, expressed as F followed by 3 figures (e.g. F085; F330)	<b>S</b>	*Standard Metric Level in tens of metres, expressed as S followed by 4 figures (e.g. S1130)	<b>A</b>	Altitude in hundreds of feet, expressed as A followed by 3 figures (e.g. A045; A100)	<b>M</b>	*Altitude in tens of metres, expressed as M followed by 4 figures (e.g. M0840)	<b>VFR</b>	For uncontrolled VFR flights. No cruising level value is to be entered and the respective text box stays empty and deactivated.
-	None of the below.													
<b>F</b>	Flight level, expressed as F followed by 3 figures (e.g. F085; F330)													
<b>S</b>	*Standard Metric Level in tens of metres, expressed as S followed by 4 figures (e.g. S1130)													
<b>A</b>	Altitude in hundreds of feet, expressed as A followed by 3 figures (e.g. A045; A100)													
<b>M</b>	*Altitude in tens of metres, expressed as M followed by 4 figures (e.g. M0840)													
<b>VFR</b>	For uncontrolled VFR flights. No cruising level value is to be entered and the respective text box stays empty and deactivated.													
	<b>ROUTE *</b>	<p>- Text box to define flight route (see ICAO Doc 4444-ATM/501 - Appendix 2).</p> <p>Only agreed terminology can be used:</p> <ul style="list-style-type: none"> <li>• code designation for routes (e.g. BCN1, R14, etc.);</li> <li>• code designation for points (e.g. LN, HADDY, etc.);</li> <li>• just degrees, minutes, bearing, distance from point, name of geographical place, change of speed, change of flight rules, climbing, etc.</li> </ul> <p>As example, there is DCT (direct) in the item 15 ROUTE*, this presents a flight off assigned track, where both points are determined by geographic coordinates.</p>												

No.	Item	Description
		<p>If the FPL form was generated from a Flight Log (see <b>chap. 3.7.3 (page 185)</b> ), and the flight rules in the FPL form are consequently adjusted manually to Y or Z (item 8), the respective string VFR (for Y) or IFR (for Z) is added automatically at the end of the route in item 15.</p> <p>The user will be notified to verify the contents of item 15, i.e. insert such string after the waypoint in which the change of flight rules is planned.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>For comprehensive FPL validation, we strongly recommend users to create their flight plan either directly from the flight log or from the map window and flight log.</i></p> </div> <p><b>Note</b></p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p><i>The system checks if the ROUTE value is inserted.</i></p> <p><i>Special characters (e.g. / &amp; % * ! etc.) are not allowed in the text box.</i></p> </div> <p><b>Note</b></p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p><i>If the FPL is created from the flight intention in the Flight Log window (see <b>chap. 3.7.3 (page 185)</b> ), and the route contains only aerodromes of departure (ADEP) and destination (ADES), DCT is automatically inserted into the Item ROUTE.</i></p> <p><i>If the item STAY in any of the route segments in the flight intention is filled in, this value is automatically inserted into the Item ROUTE of the FPL.</i></p> <p><i>Insert DCT between successive points unless both points are defined by geographical coordinates or by bearing and distance.</i></p> </div>
16	<b>DESTINATION AERODROME *</b>	<ul style="list-style-type: none"> <li>- Insert the ICAO Indicator of the destination aerodrome, or if no location indicator has been assigned, insert ZZZZ, a search window will appear (see description below).</li> </ul>


No.	Item	Description
		<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>Insert 4-letter indicator.</i></p> <p><i>The item is checked whether DESTINATION AERODROME value is inserted and whether the inserted text string is available in AIXM DB. Otherwise, the FPL will be evaluated "invalid" (by the FPL validation check).</i></p> </div> <p>Enter the data in the text box using the keyboard or click the icon  to search for the desired ICAO code by the inserted string of characters from the ICAO code, or by the name of the airport.</p> <p>The following window will appear. For description of the window see <b>chap. 3.7.1.4 (page 145)</b> .</p> <div style="text-align: center;"> </div> <p>After selecting an airport from the searched options, its ICAO code is inserted in item 16 and the window closes.</p>
	<p><b>TOTAL EET (HH,MM) *</b></p>	<p>- Insert the total estimated elapsed time in <b>HHMM</b> format:</p> <ul style="list-style-type: none"> <li>• <b>HH</b> is hour;</li> <li>• <b>MM</b> is minute.</li> </ul> <p>When a new FPL form is opened, this item is empty.</p> <p>Enter the data using the keyboard, or click the icon  to select (set) the time. The following window will appear. For description of the window see <b>chap. 3.7.1.4 (page 145)</b> .</p>

No.	Item	Description
		<div style="text-align: center;"> </div> <p>Confirm the selected time with the <b>OK</b> button. The respective data is entered in the TOTAL EET text box and the window is closed.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>Insert 4 numeral characters</i></p> <p><i>The item is checked whether TOTAL EET value is inserted</i></p> </div>
	<p><b>ALTN AERODROME</b></p>	<p>- Insert the ICAO indicator of not more than two destination alternate aerodromes, or, if no designator has been assigned, insert ZZZZ, a search window will appear (see description below). In item 18 write ALTN/name and place of aerodrome (ALTN/&lt;name&gt; &lt;coordinates&gt;).</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>Insert the ICAO 4-letter location indicator(s).</i></p> </div> <p>Enter the data in the text box using the keyboard or click the icon  to search for the desired ICAO code by the inserted string of characters from the ICAO code, or by the name of the airport. The following window will appear. For description of the window see <b>chap. 3.7.1.4 (page 145)</b> .</p>

No.	Item	Description
		 <p>After selecting an airport from the searched options, its ICAO code is inserted in ALTN AERODROME text box and the window closes.</p>
	<p><b>2ND ALTN AERODROME</b></p>	<ul style="list-style-type: none"> <li>- Insert the ICAO indicator of not more than two destination alternate aerodromes, or, if no designator has been assigned, insert ZZZZ, a search window will appear (see description below). In item 18 write ALTN/&lt;name&gt; &lt;coordinates&gt;).</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; text-align: center;"> <p><i>Insert the ICAO 4-letter location indicator(s).</i></p> </div> <p>Enter the data in the text box using the keyboard or click the icon  to search for the desired ICAO code by the inserted string of characters from the ICAO code, or by the name of the airport. The following window will appear. For description of the window see <b>chap. 3.7.1.4 (page 145)</b> .</p> 

No.	Item	Description
18	OTHER INFORMATION *	<p>After selecting an airport from the searched options, its ICAO code is inserted in 2ND ALTN AERODROME text box and the window closes.</p> <p>- Text box for entering other flight information.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>For inclusion of any other necessary information refer to Appendix 2, ICAO Doc 4444-ATM/501.</i></p> <p><i>First enter data in the required items: 8, 9, 10, 13, 16 and only then item 18.</i></p> </div> <p>Leave empty if no other information.</p> <p>Use the icon -  to open the below <b>Field 18 Settings</b> window listing items (8), (9), (10), (13) and (16) including their values, together with instructions how to properly fill-in the item (18).</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>Field 18 Setting</b> <span style="float: right;">✕</span></p> <p>Field 8 (Flight Rules) = Y              Field 9 (Type of Aircraft) =              Field 10a (Equipment and Capabilities) = ACD              Field 13 (Departure Aerodrome) =              Field 16 (Destination Aerodrome) =</p> <p><b>STR/</b>              Reason for special handling by ATS, e.g. a search and rescue mission, as follows:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>ALTRV</b> for a flight operated in accordance with an altitude reservation</li> <li><input type="checkbox"/> <b>ATFMX</b> for a flight approved for exemption from ATFM measures by the appropriate ATS authority</li> <li><input type="checkbox"/> <b>FFR</b> fire-fighting</li> <li><input type="checkbox"/> <b>FLTCK</b> flight check for calibration of nav aids</li> <li><input type="checkbox"/> <b>HAZMAT</b> for a flight carrying hazardous material</li> <li><input type="checkbox"/> <b>HEAD</b> a flight with Head of State status</li> <li><input type="checkbox"/> <b>HOSP</b> for a medical flight declared by medical authorities</li> <li><input type="checkbox"/> <b>HUM</b> for a flight operating on a humanitarian mission</li> <li><input type="checkbox"/> <b>MARSA</b> for a flight for which a military entity assumes responsibility for separation of military aircraft</li> <li><input type="checkbox"/> <b>MEDEVAC</b> for a life critical medical emergency evacuation</li> <li><input type="checkbox"/> <b>NONRVSM</b> for a non-RVSM capable flight intending to operate in RVSM airspace</li> <li><input type="checkbox"/> <b>SAR</b> for a flight engaged in a search and rescue mission</li> <li><input type="checkbox"/> <b>STATE</b> for a flight engaged in military, customs or police services</li> </ul> <p><b>PBN/</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>A1</b></li> <li><input type="checkbox"/> <b>B1</b> either O or S, and D, G, I must be present either O or S, and D, G, I must be present</li> <li><input type="checkbox"/> <b>B2</b> G must be present G must be present</li> <li><input type="checkbox"/> <b>B3</b> D must be present D must be present</li> <li><input type="checkbox"/> <b>B4</b> either O or S, and D must be present</li> </ul> <p><b>STAYINFO/</b></p> <p><b>RFP</b> <span style="float: right;">▼</span>              Replacement Flight Plan, Q1 indicates the first replacement, Q2 second replacement, and so on. Example: RFP/Q1</p> <p style="text-align: right;"><b>Set</b></p> </div> <p>To apply changes done in the window, press <b>Set</b>.</p> <p>Item 18 is filled in according to the settings. Use the keyboard to modify the value in field 18 as necessary.</p>

No.	Item	Description
		<p>If the settings are not complete or correct, the application will notify the user of this fact and will not accept the settings made in field 18.</p> <div style="border: 1px solid black; background-color: #f0f0f0; padding: 5px; margin: 10px 0;"> <p><b>Errors (2)</b></p> <p>PBN/B1: Either O or S, and D, G, I must be present                      PBN/: If R in Field 10a is not present, the PBN/ indicator must not be defined.</p> <p>Field 8 (Flight Rules) = Y                      Field 9 (Type of Aircraft) =                      Field 10a (Equipment and Capabilities) =                      Field 12 (Departure Aerodrome) =</p> </div> <p><b>Note</b></p> <div style="border: 2px solid orange; padding: 5px; margin: 10px 0;"> <p><i>Special characters (e.g. / &amp; % * ! etc.) are not allowed in this text box.</i></p> </div> <p><b>Note</b></p> <div style="border: 2px solid orange; padding: 10px; margin: 10px 0;"> <p><i>If ZZZZ is inserted in DEPARTURE AERODROME, DESTINATION or ALTN / 2ND ALTN AERODROME text boxes of Item (13) and (16), insert in Item (18) enter the string DEP/ or DEST/ or ALT/ followed by one of the following options:</i></p> <ul style="list-style-type: none"> <li>• <i>the aerodrome name consisting of 11 characters as listed in the pre-set Place Names list</i>  <i>(e.g. DEP/BAGSO);</i></li> <li>• <i>geographic coordinates of the aerodrome</i>  <i>(e.g. DEP/532700608W);</i></li> <li>• <i>the aerodrome name "gap" and the geographical coordinates of the location of the airport</i>  <i>(e.g. DEP/MALAHIDE 532700608W).</i></li> <li>• <i>the aerodrome name "gap" azimuth and distance of the airport from the nearest significant point</i>  <i>(e.g. DEP/MALAHIDE DUB110015).</i></li> </ul> <p><i>If ZZZZ is inserted in TYPE OF AIRCRAFT * text box of Item (9), insert in Item (18) enter the string TYP/ followed by the (numbers and) type(s) of aircraft.</i></p> </div>

No.	Item	Description
		<p><b>Note</b></p> <p><i>If the FPL is created from the flight intention in the Flight Log window (see <b>chap. 3.7.3 (page 185)</b>), and the Stay info item in any of the route segments in the flight intention is filled in, this value is automatically inserted into the Item 18 of the FPL.</i></p>
	<p><b>DOF *</b></p>	<p>- Text box to entering the total estimated elapsed time in <b>YYMMDD</b> format:</p> <ul style="list-style-type: none"> <li>• <b>YY</b> is the calendar year;</li> <li>• <b>MM</b> is the calendar month.</li> <li>• <b>DD</b> is the calendar day.</li> </ul> <p>When a new FPL form is opened, this item is empty.</p> <p>Enter the data using the keyboard, or click the icon . The following window will appear. For description of the window see <b>chap. 3.7.1.4 (page 145)</b> .</p> <div style="text-align: center;"> </div> <p>Confirm the selected date with the <b>OK</b> button. The respective data is entered in the DOF text box and the window is closed.</p> <p><b>Note</b></p> <p><i>The item is checked whether DOF/ value is inserted.</i></p>
19	<p><b>SUPPLEMENTARY INFORMATION</b></p>	<p>The item comprises following elements:</p>

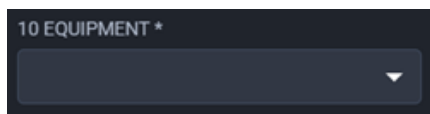
No.	Item	Description								
	<b>ENDURANCE *</b>	<p>- Text box to entering the fuel endurance in HHMM format:</p> <ul style="list-style-type: none"> <li>• <b>HH</b> are hours;</li> <li>• <b>MM</b> are minutes.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>Insert 4 numeral characters. If GLID (a glider) is inserted into the item 9 TYPE OF AIRCRAFT, the endurance value 0000 is valid as well.</i></p> <p><i>The item is checked whether ENDURANCE value is inserted</i></p> </div>								
	<b>PERSONS ON BOARD *</b>	<p>- Text box to entering the total number of persons (passengers and crew) on board.</p> <p>Insert TBN (To Be Notified) if the total number of persons is not known when filing.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>Insert 3 numeral characters</i></p> </div>								
	<b>EMERGENCY RADIO</b>	<p>- Cross out:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 50px;"><b>R</b></td> <td>If no emergency radio is carried. U, V and E indications are crossed out and not available</td> </tr> <tr> <td style="text-align: center;"><b>U</b></td> <td>If UHF on frequency 243.0 MHz is not carried</td> </tr> <tr> <td style="text-align: center;"><b>V</b></td> <td>If VHF on frequency 121.5 MHz is not carried</td> </tr> <tr> <td style="text-align: center;"><b>E</b></td> <td>If emergency location beacon - aircraft (ELBA) is not available</td> </tr> </table>	<b>R</b>	If no emergency radio is carried. U, V and E indications are crossed out and not available	<b>U</b>	If UHF on frequency 243.0 MHz is not carried	<b>V</b>	If VHF on frequency 121.5 MHz is not carried	<b>E</b>	If emergency location beacon - aircraft (ELBA) is not available
<b>R</b>	If no emergency radio is carried. U, V and E indications are crossed out and not available									
<b>U</b>	If UHF on frequency 243.0 MHz is not carried									
<b>V</b>	If VHF on frequency 121.5 MHz is not carried									
<b>E</b>	If emergency location beacon - aircraft (ELBA) is not available									
	<b>SURVIVAL EQUIPMENT</b>	<p>- Cross out:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 50px;"><b>S</b></td> <td>If survival equipment is not carried. P, D, M and J indications are crossed out and not available.</td> </tr> <tr> <td style="text-align: center;"><b>P</b></td> <td>If polar survival equipment is not carried.</td> </tr> </table>	<b>S</b>	If survival equipment is not carried. P, D, M and J indications are crossed out and not available.	<b>P</b>	If polar survival equipment is not carried.				
<b>S</b>	If survival equipment is not carried. P, D, M and J indications are crossed out and not available.									
<b>P</b>	If polar survival equipment is not carried.									

No.	Item	Description										
		<table border="1"> <tr> <td><b>D</b></td> <td>If desert survival equipment is not carried.</td> </tr> <tr> <td><b>M</b></td> <td>                     If maritime survival equipment is not carried.   <b>Note</b>  <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <i>This refers to equipment in addition to the life jackets listed in the following section.</i> </div> </td> </tr> <tr> <td><b>J</b></td> <td>If Jungle survival equipment is not carried.</td> </tr> </table>	<b>D</b>	If desert survival equipment is not carried.	<b>M</b>	If maritime survival equipment is not carried.  <b>Note</b> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <i>This refers to equipment in addition to the life jackets listed in the following section.</i> </div>	<b>J</b>	If Jungle survival equipment is not carried.				
<b>D</b>	If desert survival equipment is not carried.											
<b>M</b>	If maritime survival equipment is not carried.  <b>Note</b> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <i>This refers to equipment in addition to the life jackets listed in the following section.</i> </div>											
<b>J</b>	If Jungle survival equipment is not carried.											
	<b>JACKETS</b>	<p>- Cross out:</p> <table border="1"> <tr> <td><b>J</b></td> <td>If life jackets are carried. L, F, U and V indications are crossed out.</td> </tr> <tr> <td><b>L</b></td> <td>If life jackets are equipped with lights.</td> </tr> <tr> <td><b>F</b></td> <td>If life jackets are equipped with fluorescence.</td> </tr> <tr> <td><b>U</b></td> <td>If the jackets are equipped with UHF (at 243.0 MHz) radio capability.</td> </tr> <tr> <td><b>V</b></td> <td>If the jackets are not equipped with VHF (at 121,5 MHz) radio capability.</td> </tr> </table>	<b>J</b>	If life jackets are carried. L, F, U and V indications are crossed out.	<b>L</b>	If life jackets are equipped with lights.	<b>F</b>	If life jackets are equipped with fluorescence.	<b>U</b>	If the jackets are equipped with UHF (at 243.0 MHz) radio capability.	<b>V</b>	If the jackets are not equipped with VHF (at 121,5 MHz) radio capability.
<b>J</b>	If life jackets are carried. L, F, U and V indications are crossed out.											
<b>L</b>	If life jackets are equipped with lights.											
<b>F</b>	If life jackets are equipped with fluorescence.											
<b>U</b>	If the jackets are equipped with UHF (at 243.0 MHz) radio capability.											
<b>V</b>	If the jackets are not equipped with VHF (at 121,5 MHz) radio capability.											
	<b>DINGHIES</b>	<p>- Cross out indicators D if dinghies are carried.</p>										
	<b>NUMBER</b>	<p>- Text box to entering number of dinghies carried.</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <i>Insert 2 numeral characters.</i> </div>										
	<b>CAPACITY</b>	<p>- Text box to entering total capacity, in persons, of all dinghies carried</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <i>Insert 3 numeral characters.</i> </div>										

No.	Item	Description
	<b>COVER</b>	- Cross out indicator C if dinghies are not covered  <b>Note</b>  <div style="border: 1px solid black; padding: 5px; background-color: #ffffcc;"> <i>The COVER box (C) is available after checking the DINGHIES box (D).</i> </div>
	<b>COLOUR</b>	- Text box to entering colour of dinghies if carried.
	<b>AIRCRAFT COLOUR AND MARKINGS *</b>	- Text box to entering colour of aircraft and significant markings.  <b>Note</b>  <div style="border: 1px solid black; padding: 5px; background-color: #ffffcc;"> <i>Insert maximum 60 characters.</i> </div>
	<b>REMARKS</b>	- Cross out indicator N if no remarks, or indicate any other survival equipment carried and any other remarks regarding  <b>Note</b>  <div style="border: 1px solid black; padding: 5px; background-color: #ffffcc;"> <i>Insert maximum 60 characters.</i> </div>
	<b>PILOT IN COMMAND *</b>	- Text box to entering a name and a phone number of the Pilot-In-Command (PIC)  <b>Note</b>  <div style="border: 1px solid black; padding: 5px; background-color: #ffffcc;"> <i>Insert maximum 50 characters.</i>   <i>If the FPL is submitted by a student, their name and phone number may be inserted into this item as well.</i>   <i>If FPL Form is activated:</i>                       A. by <b>New FPL</b> item from Planning submenu, the content of PIC item is read from Edit Profile window of logged-on user (i.e. the PIC name and phone number is included, see <b>chap. 3.6.2 (page 98)</b>);                       B. through Flight Log window (see <b>chap. 3.7.4 (page 189)</b>), the name of PIC appears as specified in FLIGHT parameters form and his phone number is read automatically from the above Profile section of the logged-on user.                 </div>

## EQUIPMENT \*

1st text box in item 10 of the FORM FPL (see the following picture).



For description of the list options to choosing radio communication, navigation and approach aid equipment available to the aircraft, see following table.

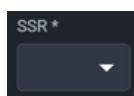
List Item	Description
<b>N: No COM/NAV/ approach aid equipment or the equipment is unserviceable</b>	- Choose N if no COM/NAV/APP Aid equipment for the route to be flown is carried, or the equipment is unserviceable.
<b>S: Standard COM/NAV/ approach aid equipment</b>	- Choose S if standard COM/NAV/ APP Aid equipment for the route to be flown is carried and serviceable.  If the letter S is used, standard equipment is considered to be VHF RTF, VOR and ILS unless another combination is prescribed by the appropriate ATS authority.
<b>A: GBAS Landing System</b>	- Choose A if Ground-Based Augmentation System is carried and serviceable
<b>B: LPV (APV with SBAS)</b>	- Choose B if equipment with LPV capability is carried and serviceable
<b>C: Loran C</b>	- Choose C if LORAN is carried and serviceable
<b>D: DME</b>	- Choose D if DME is carried and serviceable.
<b>E1: FMC WPR ACARS</b>	- Choose E1 if equipment with FMC WPR ACARS capability is carried and serviceable
<b>E2: D-FIS ACARS</b>	- Choose E2 if equipment with D-FIS ACARS capability is carried and serviceable
<b>E3: PDC ACARS</b>	- Choose E3 if equipment with PDC ACARS capability is carried and serviceable
<b>F: ADF</b>	- Choose F if ADF is carried and serviceable
<b>G: GNSS</b>	- Choose G if GNSS is carried and serviceable, and specify, in Item 18 the types of external GNSS augmentation, if any, preceded by NAV/ and separated by a space.
<b>H: HF RTF</b>	- Choose H if HF radio telephone is carried and serviceable
<b>I: Inertial Navigation</b>	- Choose I if Inertial Navigation System is carried and serviceable

List Item	Description
<b>J1: CPDLC ATN VDL Mode 2</b>	- Choose J1 if CPDLC ATN VDL Mode2 comm equipment is carried and serviceable
<b>J2: CPDLC FANS 1/A HFDL</b>	- Choose J2 if CPDLC FANS 1/A HFDL comm equipment is carried and serviceable
<b>J3: CPDLC FANS 1/A VDL Mode A</b>	- Choose J3 if CPDLC FANS 1/A VDL Mode A comm equipment is carried and serviceable
<b>J4: CPDLC FANS 1/A VDL Mode 2</b>	- Choose J4 if CPDLC FANS 1/A VDL Mode 2 comm equipment is carried and serviceable
<b>J5: CPDLC FANS 1/A SATCOM (INMARSAT)</b>	- Choose J5 if CPDLC FANS 1/A SATCOM (INMARSAT) equipment is carried and serviceable
<b>J6: CPDLC FANS 1/A SATCOM (MTSAT)</b>	- Choose J6 if CPDLC FANS 1/A SATCOM (MTSAT) equipment is carried and serviceable
<b>J7: CPDLC FANS 1/A SATCOM (Iridium)</b>	- Choose J7 if CPDLC FANS 1/A SATCOM (IRIDIUM) equipment is carried and serviceable
<b>K: MLS</b>	- Choose K if Microwave Landing System is carried and serviceable
<b>L: ILS</b>	- Choose L if Instrument Landing System is carried and serviceable
<b>M1: ATC RTF SATCOM (INMARSAT)</b>	- Choose M1 if ATC RTF SATCOM (INMARSAT) equipment is carried and serviceable
<b>M2: ATC RTF (MTSAT)</b>	- Choose M2 if ATC RTF (MSAT) equipment is carried and serviceable
<b>M3: ATC RTF (Iridium)</b>	- Choose M3 if ATC RTF (IRIDIUM) equipment is carried and serviceable
<b>O: VOR</b>	- Choose O if VHF Omnidirectional Range is carried and serviceable
<b>P1: CPDLC RCP 400</b>	- CPDLC (Controller-Pilot Data Link Communications) RCP 400 (Required Communication Performance 400)
<b>P2: CPDLC RCP 240</b>	- CPDLC (Controller-Pilot Data Link Communications) RCP 240 (Required Communication Performance 240)
<b>P3: CPDLC SATVOICE RCP 400</b>	- CPDLC (Controller-Pilot Data Link Communications) SATVOICE (Satellite Voice) RCP 400 (Required Communication Performance 400)
<b>R: PBN approved</b>	<p>- Choose R if Performance-Based Navigation can be met by the aircraft.</p> <p>If the letter R is used, the PBN levels that can be met are specified in Item 18 following the indicator PBN/.</p>

List Item	Description
	<p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>The PBN sub-field contains the RNAV and/or RNP certifications and operational approvals applicable for the flight.</i></p> </div>
<b>T: TACAN</b>	- Choose T if Tactical Air Navigation equipment is carried and serviceable
<b>U: UHF RTF</b>	- Choose U if UHF radio telephone equipment is carried and serviceable
<b>V: VHF RTF</b>	- Choose V if VHF radio telephone equipment is carried and serviceable
<b>W: RVSM</b>	- Choose W if equipment approved for RVSM flights is carried and serviceable
<b>X: MNPS approved</b>	- Choose X if equipment approved for MNPS flights is carried and serviceable
<b>Y: VHF with 8.33 kHz channel spacing capability</b>	- Choose Y if VHF equipment with 8,33 kHz channel spacing capability is carried and serviceable
<b>Z: Other equipment carried or other capabilities</b>	<p>- Choose Z if other equipment is carried or other capabilities are available.</p> <p>If the letter Z is used, specify in Item 18 the other equipment/capabilities, preceded by COM/, NAV/ and/or DAT/, as appropriate.</p>

**SSR\***

2nd text box in item 10 of the FORM FPL (see the following picture).



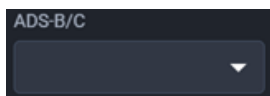
For description of the list options to choosing SUR equipment and capabilities available to the aircraft, see following table.

List Item	Description
<b>N: None</b>	- Choose N if no surveillance equipment for the route to be flown is carried, or the equipment is unserviceable
<b>A: Transponder Mode A</b>	- Choose A if Transponder - Mode A (4 digits - 4 096 codes) is carried and serviceable

List Item	Description
<b>C: Transponder Mode C</b>	<ul style="list-style-type: none"> <li>- Choose C if Transponder - Mode A (4 digits - 4 096 codes) and Mode C is carried and serviceable</li> </ul>
<b>E: Transponder Mode S</b>	<ul style="list-style-type: none"> <li>- Choose E if Transponder - Mode S, including aircraft identification, pressure altitude and extended squitter (ADS-B) capability is carried and serviceable</li> </ul>
<b>H: Transponder Mode S</b>	<ul style="list-style-type: none"> <li>- Choose H if Transponder — Mode S, including aircraft identification, pressure altitude and enhanced surveillance capability is carried and serviceable</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>Enhanced surveillance capability is the ability of the aircraft to down-link aircraft derived data via Mode S transponder.</i></p> </div>
<b>I: Transponder Mode S</b>	<ul style="list-style-type: none"> <li>- Choose I if Transponder — Mode S, including aircraft identification, but without pressure altitude capability is carried and serviceable</li> </ul>
<b>L: Transponder Mode S</b>	<ul style="list-style-type: none"> <li>- Choose L if Transponder — Mode S, including aircraft identification, pressure altitude, extended squitter (ADS-B) and enhanced surveillance capability is carried and serviceable</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>Enhanced surveillance capability is the ability of the aircraft to down-link aircraft derived data via Mode S transponder.</i></p> </div>
<b>P: Transponder Mode S</b>	<ul style="list-style-type: none"> <li>- Choose P if Transponder — Mode S, including pressure altitude, but without aircraft identification capability is carried and serviceable</li> </ul>
<b>S: Transponder Mode S</b>	<ul style="list-style-type: none"> <li>- Choose S if Transponder — Mode S, including both pressure altitude and aircraft identification capability is carried and serviceable</li> </ul>
<b>X: Transponder Mode S</b>	<ul style="list-style-type: none"> <li>- Choose X if Transponder — Mode S with neither aircraft identification nor pressure altitude capability is carried and serviceable</li> </ul>

## ADS-B/C

3rd text box in item 10 of the FORM FPL (see the following picture).



For description of the list options to choosing ADS-B/C available to the aircraft, see following table.

List Item	Description
<b>B1: ADS-B with dedicated 1090 MHz ADS-B 'out' capability</b>	- Choose B1 if ADS-B with dedicated 1 090 MHz ADS-B “out” capability is carried and serviceable
<b>B2: ADS-B with dedicated 1090 MHz ADS-B 'out' and 'in' capability</b>	- Choose B2 if ADS-B with dedicated 1 090 MHz ADS-B “out” and “in” capability is carried and serviceable
<b>U1: ADS-B 'out' capability using UAT</b>	- Choose U1 if ADS-B “out” capability using UAT is available
<b>U2: U2 ADS-B 'out' and 'in' capability using UAT</b>	- Choose U2 if ADS-B “out” and “in” capability using UAT is available
<b>V1: ADS-B 'out' capability using VDL Mode 4</b>	- Choose V1 if ADS-B “out” capability using VDL Mode 4 is available
<b>V2: ADS-B 'out' and 'in' capability using VDL Mode 4</b>	- Choose V2 if ADS-B “out” and “in” capability using VDL Mode 4 is available
<b>D1: ADS-C with FANS 1/A capabilities</b>	- Choose D1 if ADS-C with FANS 1/A capabilities is carried and serviceable
<b>G1: ADS-C with ATN capabilities</b>	- Choose G1 if ADS-C with ATN capabilities is carried and serviceable



### 3.7.1.3. Section (2) - Actions

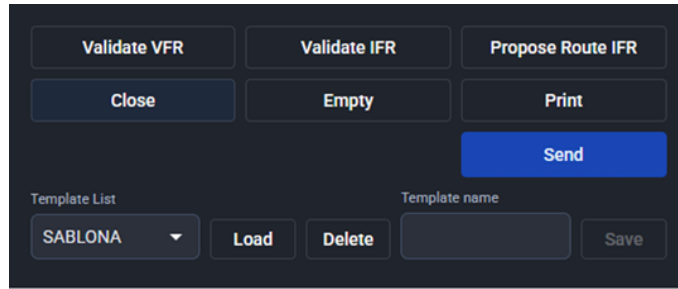


Fig. 3.22: The Actions Section of the FPL form

The Actions section may contain the following buttons:

Button (Related control element)	Description
<b>Close</b>	<p>Press the <b>Close</b> button to close the FPL form without accepting the changes made.</p> <p><b>Note</b></p> <p>You can activate this function also by click  - the close button of the New FPL window.</p>
<b>Delete</b> (Template List)	<p><b>Note</b></p> <p>The function is available for the FPL form, which can be edited.</p> <p>Press the <b>Delete</b> button to remove an FPL template from FPL template database of the logged-in user.</p> <p>Select, in a drop-down list the template to be removed and press <b>Delete</b>.</p> <p><b>Note</b></p> <p>Initially, FPL template database of the new user is empty.</p>
<b>Empty</b>	<p><b>Note</b></p> <p>The function is available for the FPL form, which can be edited.</p>

Button (Related control element)	Description
	<p>Press the <b>Empty</b> button to remove values of all items contained in the FPL form and inserted by the user, i.e. just the values filled in automatically (read from Profile of the logged-on user), will remain.</p>
<p><b>Load</b> (Template List)</p>	<p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>The function is available for the FPL form, which can be edited.</i></p> </div> <p>Press the <b>Load</b> button to load the currently selected FPL template into the FPL form.</p> <p>The template selection must be made in the <b>Template List</b>.</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>Initially, FPL template database of the new user is empty.</i></p> </div>
<p><b>Print</b></p>	<p>Press the <b>Print</b> button to open FPL PDF window displaying a current FPL form in PDF file format.</p> <p>The window contains controls with saving/printing options to save and print the FPL as appropriate.</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>When printing or exporting your own FPL, you may notice a GDPR anonymisation notice in Field 19. This is expected behaviour — the system uses a single shared PDF template which includes this notice to comply with GDPR requirements when viewing third-party flight plans. Your own Field 19 data is fully visible and has not been anonymised.</i></p> </div>
<p><b>Propose Route</b></p>	<p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>The function is available for the FPL form, which can be edited.</i></p> </div> <p>Press the <b>Propose Route</b> button to open Proposed Routes window listing flight routes proposed by NMOC after FPL form completing.</p> <p>Select a route of your choice and copy it to FPL form by use of <b>Change Route</b> button.</p> <p>Then the route will appear in the 15 item "ROUTE" in the FPL form, see <b>chap. 3.7.1.1 (page 106)</b>.</p>

Button (Related control element)	Description
	<p>When pressing <b>Propose Route</b> button a local check of FPL correctness will be performed.</p> <p>The user shall be informed of the result of the check and any required modifications to the FPL.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>Complete/correct the form and then you can use the Propose Route button again.</i></p> </div>
<p><b>Save</b> (Template Name)</p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>The function is available for the FPL form, which can be edited.</i></p> </div> <p>In any time of filling FPL, it is possible to save it into a template under a name in the text box <b>Template Name</b> and click <b>Save</b> button.</p> <p>The FPL template is saved in the FPL template database of the logged in user.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>If a template with the same name already exists, it will be overwritten.</i></p> </div> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>Should an FPL form contain incorrect values the text boxes containing incorrect values are red highlighted.</i></p> <p><i>Despite of this, such invalid FPL form can be stored in a database of FPL templates.</i></p> </div>
<p><b>Send</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>The function is available for the FPL form, which can be edited.</i></p> </div> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>You can submit a correctly completed FPL.</i></p> </div>

Button (Related control element)	Description
	<p>Press the <b>Send</b> button to send the completed FPL form to ARO.</p> <p>A local check of the correctness of the completion of the FPL form is also be automatically triggered..</p> <p>Validation concerns syntax in terms of Regulation L4444.</p> <p><u>One of the following situations occurs:</u></p> <p>A. The FPL form IS filled out correctly.</p> <p>The FPL is sent and the respective notification is displayed.</p> <div> </div> <p>B. The FPL form IS NOT filled out correctly.</p> <p>The FPL is not sent and the respective notification is displayed.</p> <div> </div> <p>The <b>Valitation results (N)</b> is displayed and contain information about the incorrect completion of the message.</p> <p><b>N</b> represents the number of messages in the result.</p> <p>To expand or collapse the list of results, click its title.</p> <div> </div> <p>Correct the FPL and send it again by pressing the <b>Send</b> button.</p>

Button (Related control element)	Description
<p><b>Validate VFR</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>The function is available for the FPL form, which can be edited.</i></p> </div> <p>Press the <b>Validate VFR</b> button to check a correctness of FPL form completion.</p> <p>Validation concerns syntax in terms of Regulation L4444.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>This validation is automatic, whenever the FPL is sent.</i></p> </div> <p>One of the following situations occurs:</p> <p>A. The FPL form IS filled out CORRECTLY.</p> <p>The user is notified thereof (see the following picture).</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>B. The FPL form IS NOT filled out CORRECTLY.</p> <p>The <b>Validation results (N)</b> is displayed and contain information about the incorrect completion of the message.</p> <p><b>N</b> represents the number of messages in the result.</p> <p>To expand or collapse the list of results, click its title.</p> <div style="margin-top: 20px;"> </div>

Button (Related control element)	Description
	<p>Correct/complete the data in the FPL form and repeat the check procedure by pressing <b>Validate VFR</b> button.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b><i>You can submit a correctly completed FPL.</i></b></p> <p><i>Even if the flight plan is OK based on local validation, it does not mean that the FPL is accepted by the IFPS system after sending.</i></p> </div>
<p><b>Validate IFR</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The function is available for the FPL form, which can be edited.</i></p> </div> <p>Press the <b>Validate IFR</b> button to check a correctness of FPL form completion through NM B2B interface.</p> <p>Validation via NM B2B shall be performed for following types of flights:</p> <ul style="list-style-type: none"> <li>• <b>IFR</b></li> <li>• <b>IFR - VFR</b></li> <li>• <b>VFR - IFR</b></li> </ul> <p>One of the following situations occurs:</p> <p>A. The FPL form IS filled out <b>CORRECTLY</b>.</p> <p>The user is notified thereof (see the following picture).</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>B. The FPL form IS <b>NOT</b> filled out <b>CORRECTLY</b>.</p> <p>The <b>Valitation results (N)</b> is displayed and contain information about the incorrect completion of the message.</p> <p><b>N</b> represents the number of messages in the result.</p> <p>To expand or collapse the list of results, click its title.</p>

Button (Related control element)	Description
	<div> </div> <div> <p><b>Validation results (4)</b></p> <p>F13b EOBDT must be between: 2026-02-24 12:22, 2026-03-01 11:52.              F18 Invalid value RMK/PHONE #480000000.              F18 - Undefined or wrong RMK/PHONE.              F19g Endurance is less than Total EET.</p> </div> <p>Correct/complete the data in the FPL form and repeat the check procedure by pressing <b>Validate IFR</b>.</p> <p><b>Important</b></p> <div style="border: 2px solid black; padding: 10px; margin: 10px 0;"> <p><b><i>You can submit a correctly completed FPL.</i></b></p> <p><i>Even if the flight plan is OK based on local validation, it does not mean that the FPL is accepted by the IFPS system after sending.</i></p> </div>

### 3.7.1.4. Form Editing



#### Important

To activate the form for editing using the keyboard, first click the mouse in one of its items (e.g. the first one).

This makes it clear which form item your action (editing) is currently focused on.



#### Note

The currently edited form item is highlighted (the following picture - sample).

### To complete/edit the form, use:

#### A. Mouse

Use:

<b>Left-click</b>	Click the desired control element in the form, activates its function.  For example in the case of a text box, its editing becomes available.
<b>Rolling wheel</b>	Scrolling in the list menu (in the form content) for which the scroll bar is displayed.

and/or

#### B. Keyboard

Use the following keys to move and confirm the action (editing):

<b>Arrow keys</b>	Move the action (edit) <b>up/down/right/left</b> in the list to select the desired value.
<b>Enter</b>	<b>Confirm</b> an action on the selected control element (e.g. pressing the OK button, marking the selected item in the list, etc.).

#### Note

To check/uncheck the checkbox, use the **Space** key (Space Bar).

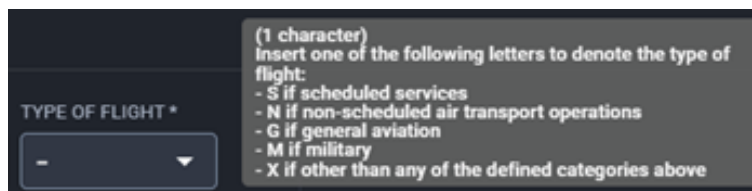
<b>Shift + Tab</b>	Move the action (editing) forward to the <b>previous</b> control element (e.g. text box, button, icon, etc.).
<b>Space</b> (Space Bar)	<b>Confirm</b> an action on the selected control (e.g. check/uncheck the checkbox).
<b>Tab</b>	Move the action (editing) forward to the <b>next</b> control element (e.g. text box, button, icon, etc.).

Use the following keys to edit a value in a text field:

<b>Alphanumeric keys</b>	<p>Insert the desired character string into an editable text box.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px;"> <p><i>Special characters cannot be entered into the text boxes. Certain special characters (e.g. /) can be entered in specific cases where the data without the special character(s) would be deemed invalid.</i></p> </div>
<b>Back Space</b>	Delete the character before the current position of the text cursor.
<b>Caps Lock</b>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>The function is available in text fields where you are allowed to insert lowercase letters.</i></p> <p><i>Most text fields automatically transform lowercase letters to capital.</i></p> </div> <p>Enable/disable capital letters.</p>
<b>Delete</b>	Delete the text character at, or to the right of, the current position of the text cursor and also deletes the currently highlighted text
<b>Shift</b>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>The function is available in text fields where you are allowed to insert lowercase letters.</i></p> <p><i>Most text fields automatically transform lowercase letters to capital.</i></p> </div> <p>Type capital letters and alternate "upper" characters.</p>

## Tooltip

For some form items, a tooltip is displayed with a basic description of the item's value (the following picture - sample).



To display the tooltip:

**A. Mouse**

Place the mouse cursor on the form item.

**B. Keyboard**

Use the key **Tab** or **Shift+Tab** to move the action (editing) to the form item.

## Insert a value into text box

**Procedure:**

1. To activate the text box:

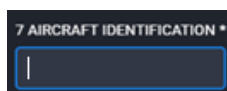
**A. Mouse**

Click in the desired text box.

**B. Keyboard**

By repeated pressing **Tab** or **Shift+Tab** key move to form item (in a text box) you wish to modify.

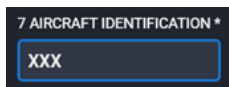
The text box border will be highlighted and a text cursor will appear in the box (the following picture - sample).



**2. Keyboard**

Type the value into the text box as appropriate.

The inserted value is automatically accepted by the application.



3. To move an action (edit) in the form:

A. **Mouse**

Click in the box of another item of the form or on some of its buttons.

B. **Keyboard**

Proceed to the next item/button (use **Tab**) in the form or go back to the previous item/button (use **Shift+Tab**).

### Select a value in drop-down list

**Procedure:**

1. To activate the drop-down list:

A. **Mouse**

Click the appropriate drop-down list.

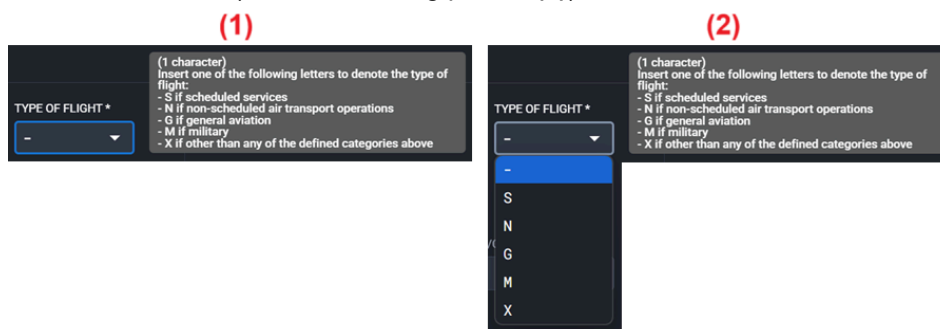
The frame of the drop-down list is highlighted, the tooltip for the form item is displayed, if the item has one and the drop-down list menu is expanded at the same time (see the following picture **(2)**).

Continue with **step 3**.

B. **Keyboard**

By repeated pressing **Tab** or **Shift+Tab** key move to form item (in a drop-down list) you wish to modify.

The frame of the drop-down list is highlighted, the tooltip for the form item is displayed if the item has one (see the following picture **(1)**).



## 2. Keyboard

Press **Enter** to expand the drop-down list (see the previous picture (2)).

## 3. To select (highlight) the desired value in the drop-down list:

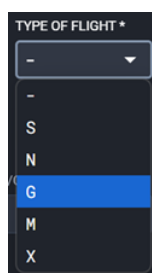
### A. Mouse

Place the mouse cursor on the desired value in the drop-down list.

### B. Keyboard

Choose the desired menu item by use of arrow keys (  $\uparrow$  /  $\downarrow$  ).

The currently selected value is distinguished in the drop-down list by a highlighted background (see the following picture).



## 4. To confirm your selection in the drop-down list:

### A. Mouse

Click the selected value in the drop-down list.

The menu will automatically collapse.

### B. Keyboard

Press the **Enter** key.

The drop-down list menu is automatically collapse.

## 5. To move an action (edit) in the form:

### A. Mouse

Click the control element of the next form item or on one of its buttons.

### B. Keyboard


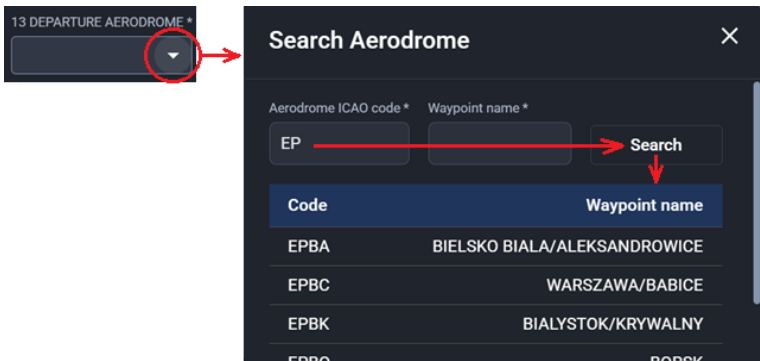

Proceed to the next item/button (use **Tab**) in the form or go back to the previous item/button (use **Shift+Tab**).


## ICONS FOR EDITING FORM ITEMS






### Important

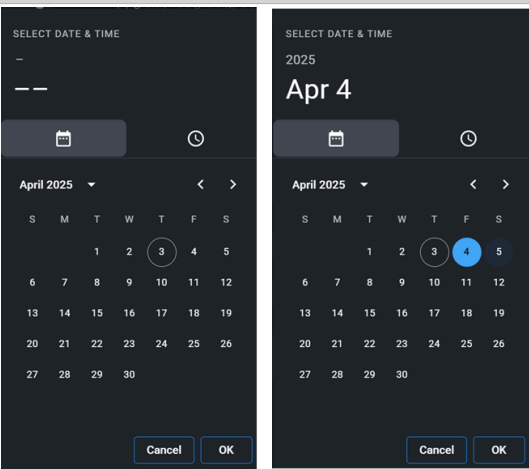

*In the following procedures, you need to use both the mouse and the keyboard.  
Using only the keyboard is not possible.*





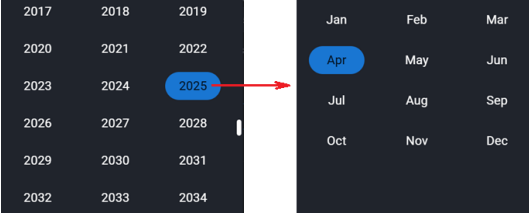





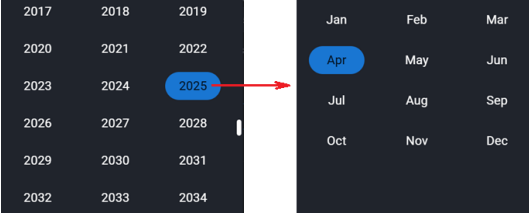





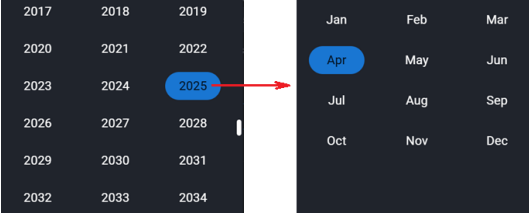

Icon	Description
	<p>Depending on the form item for which you activated the icon, the following will appear:</p> <ul style="list-style-type: none"> <li>A. A window to <b>find</b> the desired value of the form item. For example, item 13 DEPARTURE AERODROME (FPL form).</li> <li>B. A window to <b>multiple select</b> the values of the respective form entry. For example, item 10 EQUIPMENT (FPL form).</li> </ul> <p><b>(A)</b> Display a window to <b>find</b> the desired value of the form item. See the following figure for a sample.</p> <div style="text-align: center;">  </div> <p><b>Procedure:</b></p> <ol style="list-style-type: none"> <li>To open a window to search for the desired value of the form item:</li> </ol> <p><b>Mouse</b></p> <p>Click the  icon of the respective form item.</p>

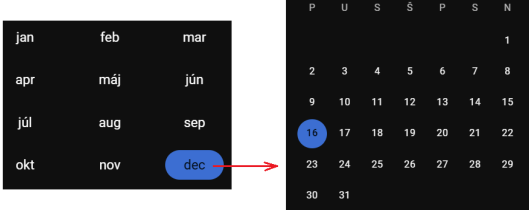





Icon	Description
	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>To close the window without accepting the changes, use the  close button.</i></p> </div> <ol style="list-style-type: none"> <li>2. To activate the desired text box in an open window:                             <ol style="list-style-type: none"> <li><b>A. Mouse</b> Click in the desired text box.</li> <li><b>B. Keyboard</b> Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move the action in the window into the desired text box.</li> </ol> </li> <li>3. <b>Keyboard</b> Use the keyboard to insert a string of alphanumeric characters into the text box.</li> <li>4. To start a search in the database:                             <ol style="list-style-type: none"> <li><b>A. Mouse</b> Click the <b>Search</b> button.</li> <li><b>B. Keyboard</b> Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move the action in the window to the <b>Search</b> button and press the <b>Enter</b> key.</li> </ol> <p>A list of searched values that contain the given character string (if any) is displayed.</p> <p>If no such values are found, the list is not displayed.</p> </li> <li>5. To select the desired value from the displayed list of search values:                             <p><b>Mouse</b></p> <p>If the list is long, it contains a scroll bar.</p> <p>In this case, scroll through the list with the scroll wheel on the mouse to find the desired value.</p> </li> </ol>

Icon	Description
	<p>Click the desired value to confirm it.</p> <p>The window to find the desired value of the form item closes and the selected value is entered into the appropriate form text box.</p> <p><b>(B)</b> Display a window to <b>multiple select</b> the values of the respective form entry.</p> <p>An example is shown in the following figure.</p> <div> </div> <p><b>Procedure:</b></p> <ol style="list-style-type: none"> <li>To open a window for multiple selection of values of the form item: <ul style="list-style-type: none"> <li><b>Mouse</b></li> <p>Click the  icon of the respective form item and continue with <b>step 3</b>.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>To close the window without accepting the changes, use the  close button.</i></p> </div> </ul> </li> <li><b>Keyboard</b></li> </ol> <p>Use the <b>Tab</b> key to move the action in the window to the checkbox of the first value from the top or the <b>Shift+Tab</b> keys to the checkbox of the last value.</p>

Icon	Description
	<p>3. To select or deselect the desired value:</p> <p><b>A. Mouse</b></p> <p>Click the <input type="checkbox"/> checkbox of the desired value.</p> <p><b>B. Keyboard</b></p> <p>Press the <b>Space</b> key (Space Bar).</p> <p>The relevant check box is check/uncheck <input type="checkbox"/>.</p> <p><u>Appearance of the checkbox:</u></p> <p><input checked="" type="checkbox"/> The value <b>IS</b> selected.</p> <p><input type="checkbox"/> The value <b>IS NOT</b> selected.</p> <p>4. To confirm the selection of values:</p> <p><b>A. Mouse</b></p> <p>Click the <b>Set</b> button.</p> <p><b>B. Keyboard</b></p> <p>Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move the action in the form to the <b>Set</b> button and press the <b>Enter</b> key.</p> <p>The window for multiple selection of values of the respective form entry is closed and the selected values are inserted into the respective form text box.</p>
	<p>CALENDAR icon – display the date and time selection window.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>Depending on the form entry for which the function is activated, only the date setting or only the time setting or both may be available in the window.</i></p> </div>

Icon	Description
	<div></div> <p><b>Procedure:</b></p> <ol style="list-style-type: none"><li>1. To open a window to set the date and time:</li></ol> <p><b>Mouse</b></p> <p>Click the .</p> <p>When the window is opened, a calendar is displayed where the current date is marked and the last confirmed date can also be displayed and marked.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px;"><p><i>To close the window without accepting changes:</i></p><ol style="list-style-type: none"><li><b>A. Mouse</b> <i>Click outside the window.</i></li><li><b>B. Keyboard</b> <i>Press the <b>Esc</b> key.</i></li></ol></div> <ol style="list-style-type: none"><li>2. To activate the function of the desired control element in the window:</li></ol> <ol style="list-style-type: none"><li><b>A. Mouse</b> To activate any control in the window, click on it.</li></ol>

Icon	Description								
	<p><b>B. Keyboard</b></p> <p>Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move forward/backward through the controls in the window.</p> <p>To activate the relevant function, press the <b>Enter</b> key.</p> <p>To select a specific value, use the arrow keys ↓/↑.</p> <p><u>The window contains the following controls:</u></p> <table border="1"> <tr> <td>  </td> <td>                     The icon to display the controls for setting the date.                 </td> </tr> <tr> <td>  </td> <td> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <i>The availability of the function depends on the form item for which the function is enabled and the current application configuration.</i> </div> <p>The icon to display the controls for setting the time (described later in this table).</p> </td> </tr> <tr> <td>  </td> <td> <p>Icon to display calendar years to select a specific year.</p> <p>Confirming the year selection will display the calendar months in the year for the selection of a specific month (description below for the  button).</p> <div style="text-align: center; margin: 10px 0;">  </div> </td> </tr> <tr> <td>  </td> <td> <p>The icon to display the calendar months of the year to select a specific month.</p> <p>Confirming the selection will display the calendar days in the respective month.</p> </td> </tr> </table>		The icon to display the controls for setting the date.		<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <i>The availability of the function depends on the form item for which the function is enabled and the current application configuration.</i> </div> <p>The icon to display the controls for setting the time (described later in this table).</p>		<p>Icon to display calendar years to select a specific year.</p> <p>Confirming the year selection will display the calendar months in the year for the selection of a specific month (description below for the  button).</p> <div style="text-align: center; margin: 10px 0;">  </div>		<p>The icon to display the calendar months of the year to select a specific month.</p> <p>Confirming the selection will display the calendar days in the respective month.</p>
	The icon to display the controls for setting the date.								
	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <i>The availability of the function depends on the form item for which the function is enabled and the current application configuration.</i> </div> <p>The icon to display the controls for setting the time (described later in this table).</p>								
	<p>Icon to display calendar years to select a specific year.</p> <p>Confirming the year selection will display the calendar months in the year for the selection of a specific month (description below for the  button).</p> <div style="text-align: center; margin: 10px 0;">  </div>								
	<p>The icon to display the calendar months of the year to select a specific month.</p> <p>Confirming the selection will display the calendar days in the respective month.</p>								

Icon	Description
	<div style="text-align: center;">  </div> <p><b>Legend:</b></p> <ul style="list-style-type: none"> <li> Current calendar day.</li> <li> Selected calendar day.</li> <li> The marked calendar day, i.e. the day to which the action is moved from the keyboard or to which the mouse cursor is pointing.</li> </ul>
	The Icon to display the days of the previous calendar month.
	The Icon to display the days of the next calendar month.




3. To confirm the selected date/time:
  - A. **Mouse**




Click the **OK** button.
  - B. **Keyboard**






Use the **Tab** key or **Shift+Tab** keys to move the action in the form to the **OK** button and press the **Enter** key.



The window closes and the confirmed data is displayed in the relevant text box of the form.
  
4. To close the window without confirming the selected date/time:
  - A. **Mouse**


Click the **Cancel** button.

Icon	Description
	<p><b>B. Keyboard</b></p> <p>Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move the action in the form to the <b>Cancel</b> button and press the <b>Enter</b> key.</p>
	<p>CALENDAR icon – Display a window for selecting the date and the time (if applicable).</p> <div style="text-align: center;"> </div> <p><b>Procedure:</b></p> <p><b>Note</b></p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p><i>If you use a <b>mouse</b>, start with <b>step 2</b>.</i></p> </div> <ol style="list-style-type: none"> <li>1. <b>Keyboard</b> <p>Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move the action in the form to the  icon.</p> </li> <li>2. To open a window to set the date and time:             <ol style="list-style-type: none"> <li>A. <b>Mouse</b> <p>Click the .</p> </li> <li>B. <b>Keyboard</b> <p>Press the <b>Enter</b> key.</p> </li> </ol> </li> </ol> <p>When the window is opened, the calendar is displayed and the current date, or the last confirmed date, is set.</p>




Icon	Description						
	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>To close the window without accepting changes:</i></p> <p><b>A. Mouse</b></p> <p><i>Click outside the window.</i></p> <p><b>B. Keyboard</b></p> <p><i>Press the <b>Esc</b> key.</i></p> </div> <p>3. To activate the function of the desired control element in the window:</p> <p><b>A. Mouse</b></p> <p><b>B. Keyboard</b></p> <p>Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move forward/backward through the controls in the window.</p> <p>To activate the relevant function, press the <b>Enter</b> key.</p> <p>To select a specific value, use the arrow keys ↓/↑.</p> <p>Press <b>Enter</b> to confirm the value selection, or it can be automatically confirmed after selection.</p> <p><u>The window contains the following controls:</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40px; text-align: center; vertical-align: top;">▼</td> <td>Icon to display calendar years to select a specific year.</td> </tr> <tr> <td colspan="2" style="text-align: center;">  </td> </tr> <tr> <td style="width: 40px; text-align: center; vertical-align: top;">▲</td> <td>Icon to display calendar days in the selected month and year to select a specific day.</td> </tr> </table>	▼	Icon to display calendar years to select a specific year.			▲	Icon to display calendar days in the selected month and year to select a specific day.
▼	Icon to display calendar years to select a specific year.						
							
▲	Icon to display calendar days in the selected month and year to select a specific day.						

Icon	Description																																																	
	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>August 2025 <span style="float: right;">&lt; &gt;</span></p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td> </tr> <tr> <td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td> </tr> <tr> <td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td> </tr> <tr> <td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td> </tr> <tr> <td>31</td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> </div> <p><b>Legend:</b></p> <ul style="list-style-type: none"> <li> Current calendar day.</li> <li> Selected calendar day.</li> <li> The marked calendar day, i.e. the day to which the action is moved from the keyboard or to which the mouse cursor is pointing.</li> </ul>	S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
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	The icon to display the days of the previous calendar month.																																																	
	The icon to display the days of the next calendar month.																																																	
<div style="background-color: #333; color: white; padding: 2px;">             00 01 02 03 04 05           </div>	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>Which time cycle (24h or 12h) is available in the respective calendar window depends on the current configuration.</i></p> </div> <p>The list for selecting hours.</p> <p>You can scroll through the list by scrolling the mouse wheel.</p>																																																	
<div style="background-color: #333; color: white; padding: 2px;">             00 05 10 15 20 25           </div>	<p>The list for selecting minutes. The menu consists of values 5 minutes apart.</p> <p>You can scroll through the list by scrolling the mouse wheel.</p>																																																	

Icon	Description
	<div style="border: 1px solid black; padding: 5px;">  <p><b>Note</b></p> <p style="border: 2px solid yellow; padding: 2px;"><i>The function is available for a 12 hour time cycle.</i></p> <p>The list for selecting part of the day:</p> <p><b>AM</b> Ante Meridiem</p> <p><b>PM</b> Post Meridiem</p> </div> <p>4. To confirm the selected date/time:</p> <p><b>A. Automatic</b></p> <p>By selecting/setting the last time component (minute or AM/PM), the current date and time setting is automatically confirmed and the date and time setting window is closed.</p> <p>The set date and time will be displayed in the respective text box of the form.</p> <p><b>or</b></p> <p><b>B. Manual</b></p> <p><b>A. Mouse</b></p> <p>Click the <b>OK</b> button.</p> <p><b>B. Keyboard</b></p> <p>Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move the action in the form to the <b>OK</b> button and press the <b>Enter</b> key.</p> <p>The window will close and the confirmed date and time will be displayed in the respective text box of the form.</p>
	<p>CLOCK icon – display the time selection window.</p>

Icon	Description
	<div></div> <p><b>Procedure:</b></p> <ol style="list-style-type: none"><li>1. To open the time setting window: <b>Mouse</b> Click the .<p>When the window opens, no time is set, or a configurable value is set (e.g. UTC +1 hour), or the last confirmed reading. The hour dial is automatically displayed to select a specific hour.</p><p><b>Note</b></p><div><p><i>To close the window without accepting changes:</i></p><p><b>A. Mouse</b></p><p><i>Click outside the window.</i></p><p><b>B. Keyboard</b></p><p><i>Press the <b>Esc</b> key.</i></p></div><ol style="list-style-type: none"><li>2. To set the time: <b>A. Mouse</b> To select the desired value: either click the respective value or drag and drop to move the highlight to the desired value (see the following picture - sample).</li></ol></li></ol>

Icon	Description				
	<p><b>B. Keyboard</b></p> <p>Use the <b>Tab</b> key or <b>Shift+Tab</b> keys to move the action to the dial.</p> <p>Use the arrow keys <math>\downarrow/\uparrow</math> to select the desired value.</p> <div style="text-align: center;"> </div> <p>The window contains the following controls:</p> <table border="1"> <tr> <td></td> <td> <p>Currently selected time in <b>HH:MM</b> format, where:</p> <ul style="list-style-type: none"> <li>• <b>HH</b> is the selected hour;</li> <li>• <b>MM</b> is the selected minute;</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; text-align: center;"> <p><i>Click hh or mm to display the appropriate dial for selecting the hour or minute.</i></p> </div> </td> </tr> <tr> <td></td> <td> <p><b>The HOUR dial</b> - to select a specific hour.</p> <div style="text-align: center;"> </div> </td> </tr> </table>		<p>Currently selected time in <b>HH:MM</b> format, where:</p> <ul style="list-style-type: none"> <li>• <b>HH</b> is the selected hour;</li> <li>• <b>MM</b> is the selected minute;</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; text-align: center;"> <p><i>Click hh or mm to display the appropriate dial for selecting the hour or minute.</i></p> </div>		<p><b>The HOUR dial</b> - to select a specific hour.</p> <div style="text-align: center;"> </div>
	<p>Currently selected time in <b>HH:MM</b> format, where:</p> <ul style="list-style-type: none"> <li>• <b>HH</b> is the selected hour;</li> <li>• <b>MM</b> is the selected minute;</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; text-align: center;"> <p><i>Click hh or mm to display the appropriate dial for selecting the hour or minute.</i></p> </div>				
	<p><b>The HOUR dial</b> - to select a specific hour.</p> <div style="text-align: center;"> </div>				

Icon	Description	
		<p>The <b>MINUTE dial</b> - to select a specific minute.</p> 
		<p>The icon to display the hour dial to select a specific hour.</p>
		<p>The icon to display the minute dial to select a specific minute.</p>

3. To confirm the selected time:

A. **Mouse**

Click the **OK** button.

B. **Keyboard**

Use the **Tab** key or **Shift+Tab** keys to move the action in the form to the **OK** button and press the **Enter** key.

The window closes and the confirmed data is displayed in the relevant text box of the form.

4. To close the window without confirming the selected time:

A. **Mouse**

Click the **Cancel** button.

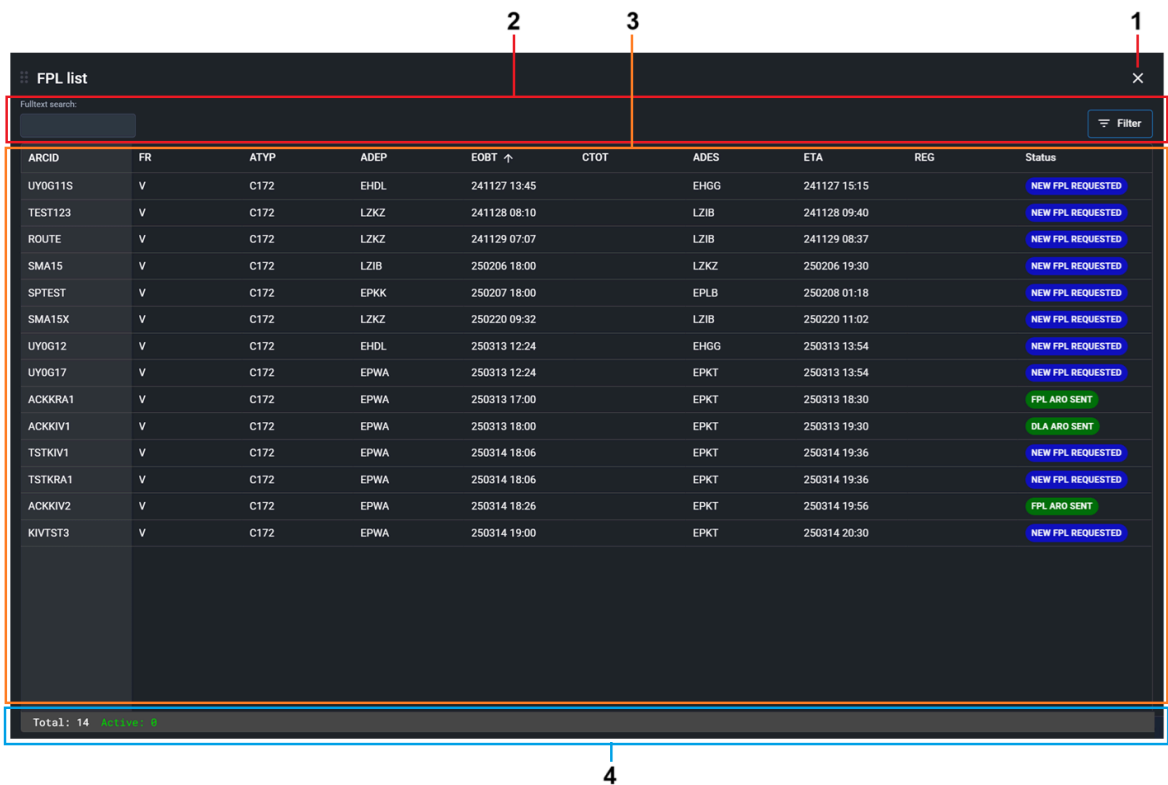
B. **Keyboard**

Use the **Tab** key or **Shift+Tab** keys to move the action in the form to the **Cancel** button and press the **Enter** key.

### 3.7.2. Main - FPL List

<b>Activation options:</b>	<p>- To open/close the <b>FPL list</b> window (see the following figure) to display a list of FPLs, <b>click</b> on the <b>FPL list</b> item in the <b>Planning</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
----------------------------	--

**FPL list window** enables to display a list of all FPLs valid for a current day or according to the set filter.



**Fig. 3.23: Sample of the FPL list window**

**Legend:**

1. Click on the button to close the window.

2. **Display Setting Bar**, see **chap. 3.10.8 (page 345)**
3. **FPL List** (description in this chapter)
4. **Information Bar** of the FPL list, see **chap. 3.7.2.2 (page 164)**

**List display settings**

For a description of the features for list display setting, see **chap. 3.10 (page 332)**.



**Note**

*The predefined sorting of rows in the FPL list is descending according to EOBT.*

**The contents of the FPL list**

The FPL list is displayed in the form of a table. One row of the table refers to one FPL.

By default, only FPLs from the last five days are displayed.



**Note**

*To display older FPLs, set the **Hide old flights where UTC >= ETA + criterion** in the specific filter of flight plans.*

*To display the specific filter **click the Filter** button in the bar above this list.*

*For description of the specific filter of flight plans, see **chap. 3.7.2.3 (page 164)**.*

The list may contain the following FPL data:

Column name	Description
<b>ADEP</b>	Departure Aerodrome (ICAO)
<b>ADES</b>	Destination Aerodrome (ICAO)
<b>ARCID</b>	Aircraft Identification
<b>ATYP</b>	Aircraft type
<b>CTOT</b>	Calculated Take Off Time

Column name	Description
	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>The item is enabled only for flight regulation through NMOC, i.e. if SAM or SRM message is received for the concerned FPL</i></p> </div>
<b>EOBT</b>	Estimated Off Block Time, estimated time of departure
<b>ETA</b>	Estimated Time Arrival
<b>FR</b>	Flight rules: I=IFR, V=VFR, Y=IFR/VFR, Z=VFR/IFR
<b>REG</b>	Registration mark of aircraft
<b>Status</b>	Status of the flight plan, see <b>chap. 3.7.2.1 (page 161)</b> .

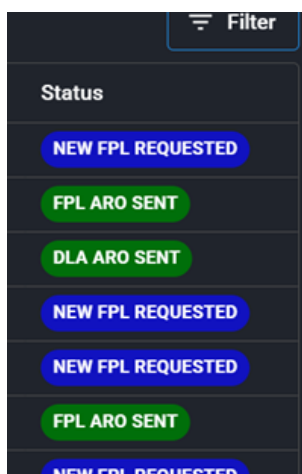
**Selecting an FPL in the FPL list**

To select FPL, **click the respective row in the FPL list.**

The respective row is highlighted and the FPL window of the selected FPL is displayed, see **chap. 3.7.2.4 (page 170)**.

**3.7.2.1. Status FPL**

During the life time, the FPL acquires different statuses. In the FPL list, the current status of the FPL is indicated in the **Status** column by the respective indicator (see the following figure).



**Fig. 3.24: Example of the Status column**



**Note**

*The use of the following states in the application depends on the current application configuration and the type of user currently logged in.*

*The colour palette of the status indication and the text display properties of this indication depend on the current application configuration.*


*Therefore, the colours shown in the following table may not match the actual display in the application.*

The following statuses (listed in alphabetical order) may be indicated for FPL:

Status	Colour	Description
ATFM SENT	■	ARO sent ATFM MSG
ATFM REQUESTED	■	ARO received a request from the pilot to send an ATFM MSG
ERROR	■	A state was set outside the known set of states
FPL PROPOSAL	■	ARO sent an FPL change proposal to the pilot
FPL REQUESTED	■	The pilot created and submitted an FPL to ARO
FPL RESENT	■	The message was resent via AFTN
FPL SENT TO TEST	■	The pilot submitted the FPL into IFPUV
FPL TEST ACK	■	The pilot received ACK message from IFPUV
FPL TEST REJ	■	The pilot received REJ message from IFPUV
FPL WITHDRAW	■	Assigns the FPL a CNL status (status not displayed)
H CNL USER	■	ARO received a CNL message from the pilot
H IFPUV FSC	■	The pilot tested the FPL and requested its submission.
H LOCAL AUM	■	The pilot submitted a local DLA, CHG message for an FPL in the send-off status to ARO
IFPS ACK	■	Operational Reply Messages from IFPS (ACK)
IFPS MAN	■	Operational Reply Messages from IFPS (MAN)
IFPUV ACK	■	ARO received the FPL ACK from IFPUV
IFPUV REJ	■	ARO received the FPL REJ from IFPUV
IFPUV TEST	■	ARO submitted the FPL into IFPUV
IFR AUM SENT	■	ARO updated FPL IFR AUM

Status	Colour	Description
IFR FPL SENT	■	ARO saved and submitted the IFR FPL via AFTN
IFPS REJ	■	Operational Reply Messages from IFPS (REJ)
IFPS WAIT	■	ARO sent the FPL into IFPS
LOCAL AUM	■	ARO submitted a local DLA, CHG message for an FPL in the send-off status
MANUAL CORRECTION	■	Manually modified FPL/assigning messages from "NULL" strip
{msg} ARO SENT {msg} FSC SENT	■	ARO accepted and distributed the {msg} message (not for IFR FPL)
MSG TO SEND	■	The message was processed and is to be resent via AFTN
NEW FPL REQUESTED	■	ARO received the FPL ACK from IFPUV
PROPOSAL ACK	■	The pilot accepted a proposal from ARO to modify the FPL
RECEIVED	■	A message received from AFTN - a message was not distributed
RECEIVED ACK	■	A message received from AFTN - a message was distributed
REJECT BY FSC	■	FSC and/or AUM ATFM rejected the FPL
SAVED	■	ARO received an FPL from the pilot and saved it for further processing
SEND OFF	■	An FPL saved with a send-off time if submitted before the time limit
UNKNOWN	■	Unknown status
VFR AUM SENT	■	ARO updated FPL VFR AUM
VFR FPL SENT	■	ARO saved and sent a VFR FPL via AFTN

### 3.7.2.2. Information Bar of the FPL List



Total: 1000 Active: 648

Fig. 3.25: The Information Bar of the FPL list.

The Information bar contains the following indicators:

---

**Total** The current total count of all FPLs in the FPL list.

---

**Active** The count of **active** FPLs of ongoing flights in the FPL list.



#### Note

For description of the FPL list see **chap. 3.7.2 (page 159)**.

### 3.7.2.3. Filter Settings window

By click the **Filter** button in the display settings bar of the FPL list, the **Filter Settings** window will appear.

The window allows you to set the specific filter of flight plans in the FPL list according to certain criteria.



#### Note

For description of the display settings bar of the FPL list, see **chap. 3.10.8 (page 345)**.

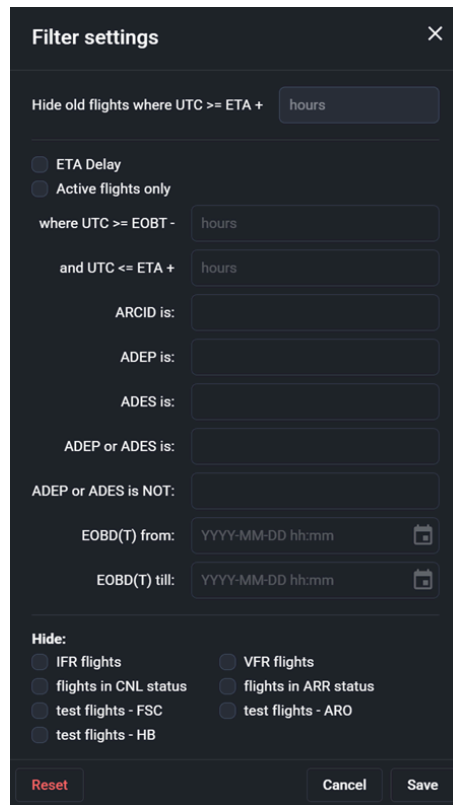



Fig. 3.26: Filter Settings window

Filtering criterion	Description
<b>Hide old flights where UTC &gt;= ETA +</b>	<p>In the item <b>Hide old flights</b> the flight history is defined.</p> <p>All flights with estimated time of arrival less than indicated in the field "hours" will display (maximum is 120 hours (5 days)).</p> <p><b>Example:</b></p> <p>If number 10 is entered, all flights with <b>ETA less than 10 hours against current UTC will display.</b></p>
<b>ETA Delay</b>	<p>If the box <b>ETA Delay</b> is ticked off, only ETA delay flights will display.</p>
<b>Active flights only</b>	<p>If the box <b>Active flights only</b> is ticked off, only active flights will display.</p> <p>The criteria for the flight to be active is determined in the setting of further lines (see the following picture).</p> <p>Their description is given below in this table.</p>

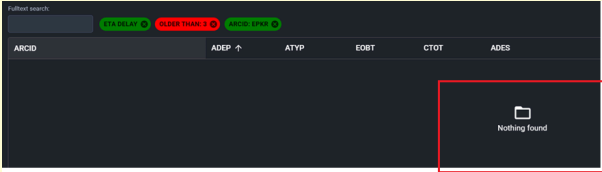
Filtering criterion	Description
<p><b>where UTC &gt;= EOBT- and UTC &lt;= ETA+</b></p>	<p>A pair of text fields for entering time [in hours] that specify active flights.</p> <p>These are the flights, that are at least X hours before estimated departure (EOBT) and maximum Y hours after estimated arrival (ETA).</p> <p><b>Example:</b></p> <p>The FPL list will display only those flights, that are at least 3 hours before estimated departure and maximum 1 hour after estimated arrival.</p>
<p><b>ARCID is</b></p>	<p>Text field for entering the ARCID.</p> <p>The FPL list will show all flights to the corresponding ARCID.</p>
<p><b>ADEP is</b></p>	<p>A text field for entering the ICAO departure aerodrome designator (ADEP) that specifies the active flight.</p> <p>The string can contain 4 characters.</p> <p>The FPL list will display all flights whose ICAO ADEP designation has a 4-character string entered.</p> <p><b>Example:</b></p> <p>If <b>ADEP = EPWA</b>, all FPLs whose ADEP is EPWA will be displayed in the FPL list.</p>
<p><b>ADES is</b></p>	<p>A text field for entering the ICAO destination aerodrome designator (ADEP), that specifies the active flight.</p>

Filtering criterion	Description
	<p>The string can contain 4 characters.</p> <p>The FPL list will display all flights whose ICAO ADES designation or has a 4-character string entered.</p> <p><b>Example:</b></p> <p>If <b>ADES = EPWA</b>, all FPLs whose ADES is EPWA will be displayed in the FPL list.</p>
<p><b>ADEP or ADES is</b></p>	<p>A text field for entering the ICAO destination aerodrome designator (ADEP) or the ICAO departure aerodrome designator (ADEP), that specifies the active flight.</p> <p>The string can contain 4 characters.</p> <p>The FPL list will display all flights whose ICAO designator ADEP or ADES has a 4-character string entered.</p> <p><b>Example:</b></p> <p>If <b>ADEP or ADES = EPWA</b>, all FPLs whose ADEP or ADES is EPWA will be displayed in the FPL list.</p>
<p><b>ADEP or ADES is NOT</b></p>	<p>A text field for entering the ICAO destination aerodrome designator (ADEP) or the ICAO departure aerodrome designator (ADEP), that specifies the active flight.</p> <p>The string can contain 4 characters.</p> <p>The FPL list will display all flights whose ICAO designator ADEP or ADES does <b>not have</b> the specified 4-character string.</p> <p><b>Example:</b></p> <p>If <b>ADEP or ADES is NOT = EPWA</b>, all FPLs whose ADEP or ADES is not EPWA will be displayed in the FPL list.</p>
<p><b>EOBD (T) from/till:</b></p>	<p>A pair of text fields to define the time interval for EOBD (T) that specifies active flights.</p> <p>All FPLs whose EOBD (T) fits the set time interval will be displayed in the FPL list.</p> <p>Enter the data either by using the keyboard or by selecting a date and a time in the calendar window. Click the icon  to open the calendar window.</p>

Filtering criterion	Description
	<p><b>Examples:</b></p> <ul style="list-style-type: none"> <li>• If <b>EOBD (T) till = 2026-03-03 14:30</b>, this means that all FPL, where EOBD (T) &lt;= 2026-03-03 14:30 will be displayed in the FPL List.</li> <li>• If <b>EOBD (T) from = 2026-03-01 15:00</b>, this means that all FPL, where EOBD (T) &gt;= 2026-03-01 15:00 will be displayed in the FPL List.</li> </ul>
<b>IFR flights</b>	Filters IFR flights
<b>VFR flights</b>	Filters VFR flights
<b>flights in CNL status</b>	Filters cancelled flights, i.e. flights after receiving CNL message
<b>flights in ARR status</b>	Filters arrived flights, i.e. flights after receiving ARR message
<b>test flights - FSC</b>	Filters test plans send to IFPUV to FSC (ARO). users
<b>test flights - ARO</b>	Filters test plans send to IFPUV to ARO users.
<b>test flights - HB</b>	Filters test plans send to IFPUV to pilot Homebriefing users

The Filter Settings window contains the following buttons:

Button	Description
<b>Reset</b>	Button to reset filter
<b>Cancel</b>	Button to close the Filter Settings window without accepting the changes
<b>Save</b>	<p>Button to saving and applying the filter settings</p> <p>Only those FPLs that match the saved filter settings will be displayed in the FPL list. In the FPL list display settings bar, the enabled filter criteria indicators will be displayed (description under the table).</p>

Button	Description
	<p><b>Note</b></p> <p><i>If no FPL data is available according to the applied filter criteria, the FPL list will display the indication <b>Nothing Found</b>.</i></p> 

### Indication of enabled filter criteria

For the enabled criteria of the currently saved filter, the respective indicators will be displayed in the bar for setting the display of the FPL list (see the following figure).



### Note

*For description of the display settings bar of the FPL list, see **chap. 3.10.8 (page 345)**.*



**Fig. 3.27:** Example of indication of enabled filter criteria

### Disable filter criteria

To disable a criterion in the filter, **click the close button**  /  of its indicator, **or uncheck it in the Filter Settings window**.

### 3.7.2.4. FPL window

To display the FPL window, **click the row of the desired FPL** in the FPL list, see **chap. 3.7.2 (page 159)**.

The FPL window in the basic view is open (see the following figure).

This window presents detailed information about the FPL and allows you to work with it.



#### Important

*Individual functions for working with FPL are displayed in the window based on the current FPL status and user group of the logged-in user.*



Fig. 3.28: Displaying the FPL window - basic view

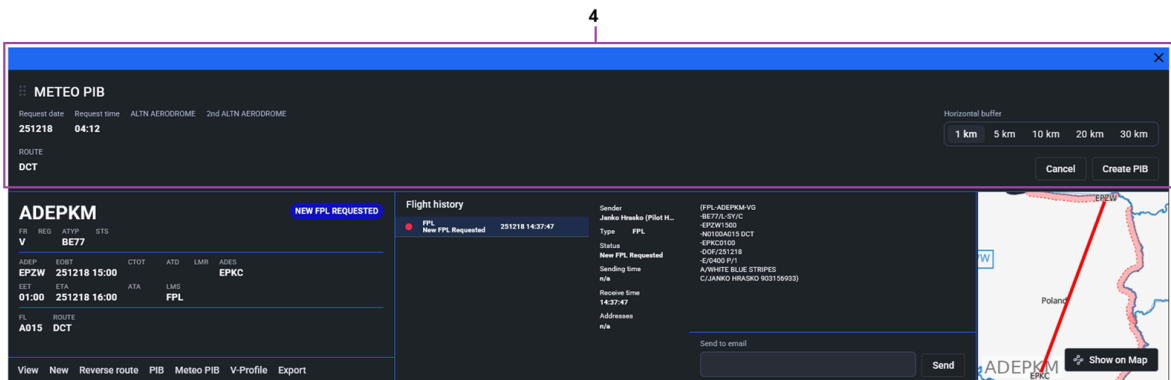


Fig. 3.29: Displaying the FPL window - expanded view

#### Legend:

Section	Description
Section (1)	The section contains data of the selected FPL and allows you to work with FPL.

Section	Description
FPL data	For Section (1) description, see <b>chap. (page 172)</b> .
<b>Section (2)</b> Flight History	Section contains a list of messages for the selected FPL and allows you to work with messages.  For Section (2) description, see <b>chap. (page 175)</b> .
<b>Section (3)</b> Flight route	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>Available depending on the current application configuration.</i></p> </div> <p>Section contains the flight route from the selected FPL displayed on the map.  For Section (3) description, see <b>chap. (page 182)</b>.</p>
<b>Section (4)</b> Alternate	<p>The FPL window will be expanded to include Section (4) by click the respective button in Section (1)/(2).</p> <p>The content of Section (4) depends on the function of the respective button that activated its display.</p> <ul style="list-style-type: none"> <li>• <b>Meteo PIB</b> - for description, see <b>chap. (page 183)</b></li> <li>• <b>FPL form</b> with selected FPL for <b>View</b> action - for description, see <b>chap. 3.7.1 (page 102)</b></li> <li>• <b>Message form</b> for FPL modification (e.g., CNL, ARR, DLA, etc.) - for description, see <b>chap. 3.7.1 (page 102)</b></li> </ul> <p>Section (4) is closed by the respective function in Section (4) or its content is replaced by click another button in Section (1)/(2).</p>



**Note**

*Sections (1), (2) and (3) are permanently displayed in the FPL window.*

*Section (4) is displayed in the window only after click the corresponding button in section (1)/(2).*

**Close FPL window**

To close the FPL window, **click the close button** of this window.

## Section (1) - FPL data

The FPL window contains a Section (1) that displays the current FPL data from the selected FPL and allows you to work with FPL.

See following figure.



### Note

For a description of the FPL window, see *chap. 3.7.2.4 (page 170)*.

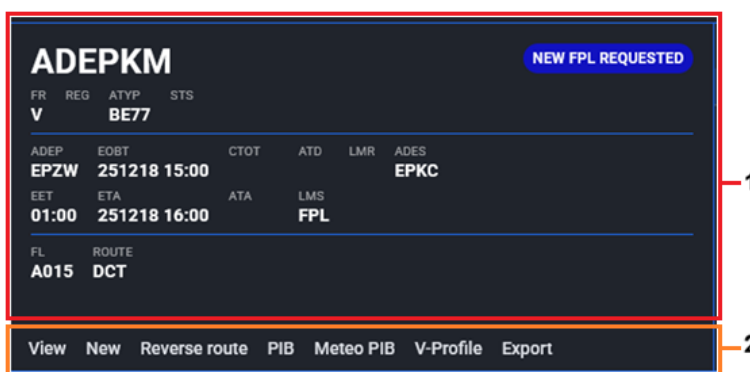


Fig. 3.30: Section (1) - FPL data

### Legend:

1. Data from selected FPL
2. Buttons for working with FPL



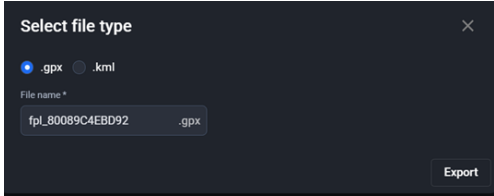
### Note

For FPL data description see *chap. 3.7.2 (page 159)*.

The buttons displayed in the Section (1) depend on the current FPL status, FPL lock, and user group of the logged-in user.

### Buttons for working with FPL:

Button	Description
Export	<p>Button to export a flight route of a selected FPL in a <b>.gpx</b> or <b>.kml</b> file format.</p> <p><b>Click</b> the <b>Export</b> button to display dialog window for setting up and starting the export.</p>

Button	Description
	<p><b>Note</b></p> <p><i>The directory where the exported file is automatically saved depends on your current web browser settings. One possible option is shown below.</i></p>  <ol style="list-style-type: none"> <li>Click the <b>.gpx</b> or <b>.kml</b> radio button to select the file format to which you want to export the flight route.</li> <li>Enter the name of the export file in the <b>File name*</b> text box. The text box contains an automatically generated name.</li> </ol> <p><b>Note</b></p> <p><i>The File name* text box is mandatory.</i></p> <ol style="list-style-type: none"> <li><b>Possible actions:</b> <ol style="list-style-type: none"> <li>To export the flight route, click the <b>Export</b> button. The export is performed and, depending on your web browser settings, the created file is may be automatically saved in the Downloads directory.</li> <li>To cancel the export, click the <b>✕</b> button to close the window.</li> </ol> </li> </ol>
<b>Meteo PIB</b>	<p><b>Note</b></p> <p><i>The item is enabled for current FPL (for the current day).</i></p> <p>Generation of weather PIB relating to a selected FPL in PDF file format.</p> <p><b>Click the <b>Meteo PIB</b> button to displays the <b>Section (4)</b> - METEO PIB, see <b>chap. (page 183)</b>.</b></p>
<b>New</b>	Button to submit new FPL from currently selected FPL.

Button	Description
	<p><b>Click</b> the <b>New</b> button to display the FPL form window.</p> <p>The form is pre-filled with data from the currently selected FPL and you can edit it.</p> <p><b>Note</b></p> <div style="border: 1px solid black; background-color: #ffffcc; padding: 5px;"> <p><i>For FPL form description see <b>chap. 3.7.1 (page 102)</b>.</i></p> </div>
<p><b>PIB</b></p>	<p>Button to generate a PIB in PDF file format for the currently selected FPL.</p> <p><b>Click</b> the <b>PIB</b> button to the <b>PIB</b> window is display.</p> <p><b>Note</b></p> <div style="border: 1px solid black; background-color: #ffffcc; padding: 5px;"> <p><i>For a description of the PIB window see <b>chap. 3.8.4 (page 272)</b>.</i></p> </div>
<p><b>Reverse route</b></p>	<p>Button to open a dialog window to set Endurance value for a return flight (flight back).</p> <div style="border: 1px solid black; background-color: #333; color: white; padding: 5px; text-align: center;"> <p>Do you want to subtract EET from the original endurance and use the result as the new endurance value ?</p> <p><span style="background-color: #007bff; color: white; padding: 2px 5px;">Yes</span> <span style="padding: 2px 5px;">No</span></p> </div> <p>Possible actions:</p> <ul style="list-style-type: none"> <li>A. Choose <b>Yes</b> to set a value that equals to the difference between the initial value of Endurance and EET.</li> <li>B. Choose <b>No</b> to set the initial value of Endurance.</li> </ul> <p>FPL Form window appears indicating FPL-related values for the return flight.</p> <p><b>Note</b></p> <div style="border: 1px solid black; background-color: #ffffcc; padding: 5px;"> <p><i>For a description of the FPL form, see <b>chap. 3.7.1 (page 102)</b>.</i></p> </div>
<p><b>View</b></p>	<p>Button to view form of the currently selected FPL.</p> <p><b>Click</b> the <b>View</b> button to display the FPL form section in the FPL window.</p>

Button	Description
	<p>This form content data from the respective FPL and is in read-only mode.</p> <p><b>Note</b></p> <p><i>For a description of the FPL form, see <b>chap. 3.7.1 (page 102)</b>.</i></p>
<b>V-Profile</b>	<p>Button to display the vertical flight route profile of currently selected FPL.</p> <p><b>Click the V-Profile</b> button to display the vertical profile of the respective flight route in the map window.</p> <p><b>Note</b></p> <p><i>For a description of the vertical flight route profile of FPL see <b>chap. 3.7.4.5 (page 218)</b>.</i></p>

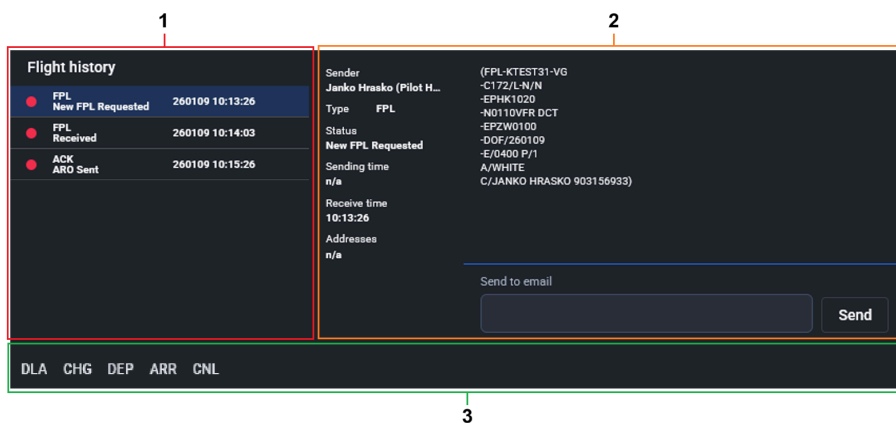
## Section (2) - Flight History

The FPL window contains a Section (2) (see the following figure) that displays the message list of the selected FPL and allows you to work with them.



**Note**

*For a description of the FPL window, see **chap. 3.7.2.4 (page 170)**.*



**Fig. 3.31: Section (2) - Flight History**

**Legend:**

1. Message List of the selected FPL
2. The contents of the selected message

3. Buttons to modification of submitted Flight plan

**Message List of the selected FPL**

The List of messages contains received and sent messages for the respective FPL. The messages are ordered in descending order from the latest message to the oldest.



**Note**

For description of the FPL status see **chap. 3.7.2.1 (page 161)**.

●	FPL New FPL Requested	260303 13:49:56
●	ACK ARO Sent	260303 13:51:32
●	DLA FPL Requested	260303 13:54:25
●	ACK ARO Sent	260303 13:54:51

**Fig. 3.32: Message List**

The List of messages is displayed in the form of a table. One line refers to one message.

The row may contain the following indicator/data:

●	An indication that the message is unread.
<div style="border: 1px solid black; background-color: #333; color: white; padding: 2px; font-size: 8px;">             DLA FPL Requested ACK ARO Sent         </div>	A type message and FPL status after sending message.  <b>Note</b> <div style="border: 1px solid black; background-color: #ffffcc; padding: 5px; margin-top: 5px;">                     For description of the FPL status see <b>chap. 3.7.2.1 (page 161)</b> .                 </div>
<div style="border: 1px solid black; background-color: #333; color: white; padding: 2px; font-size: 8px;">             250313 11:28:42         </div>	Date and time (UTC) of sending/receiving message.

**Selecting a message in the message list**

To select a message in the message list, **click the line of the selected message**.

The content of the selected message is displayed (described below).



**Note**

When the message window is opened, the newest message in the list is automatically selected.

### The selected message

By selecting a message in the list, detailed information about the message and controls for working with selected message is displayed in section (2) (see the following image).

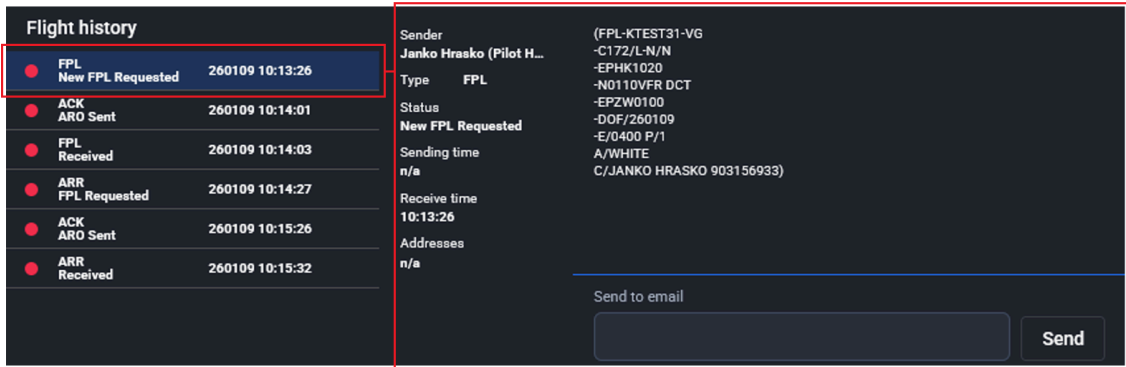


Fig. 3.33: The selected message

Selected messages include:

Control element	Description
<p>Sender Janko Hrasko (Pilot H... Type FPL Status New FPL Requested Sending time n/a Receive time 10:13:26 Addresses n/a</p>	A non-editable field that presents basic information about the selected message.
<p>(FPL-KTEST31-VG -C172/L-N/N -EPHK1020 -N0110VFR DCT -EPZW0100 -DOF/260109 -E/0400 P/1 A/WHITE C/JANKO HRASKO 903156933)</p>	A non-editable field that presents the content of the selected message in text form.
<p>Send to email</p>	Text field for entering the email address to which you want to send the selected message ( <b>Send</b> button - see below).
<p>Send</p>	Click the <b>Send</b> button to send the selected message to the e-mail address entered in the <b>Send to email</b> text field (see above).

### Buttons to modification of submitted FPL



#### Note

Which buttons appear in the Section (2) depends on the current FPL status and user group of the logged-in user.

The format of messages to FPL is given by regulation L4444.

Message format is following: item number/ new item value, the sign "-" is used to separate the items.

The form fields of message are automatically checked for correctness.

For the description of using the keyboard and mouse to activate the control elements, see **chap. 3.7.1.4 (page 140)**.



#### Note

**After sending the message, the application informs about the result of the check:**

A. The message form IS filled out correctly.

The message **is sent**, and the user is notified thereof.

B. The message form IS NOT filled out correctly.

The message **is not sent**.

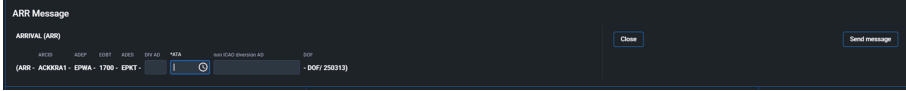
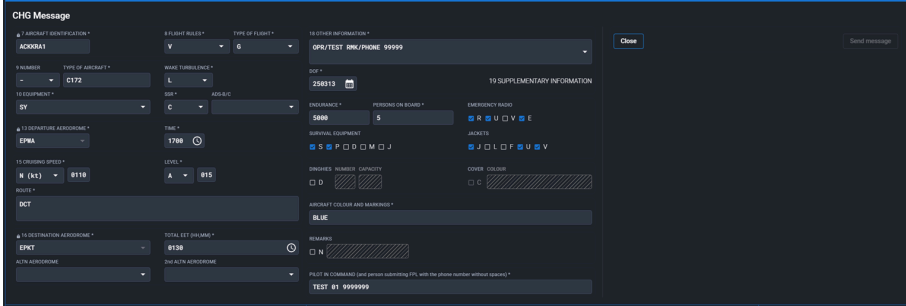
An error message will be displayed and the **Validation results (N)** contain information about the incorrect completion of the message (see the following image - example).


**N** represents the number of messages in the result.

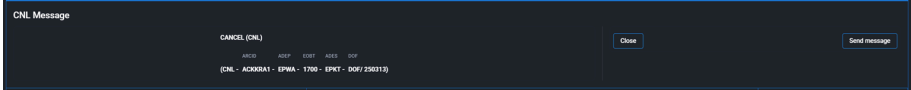
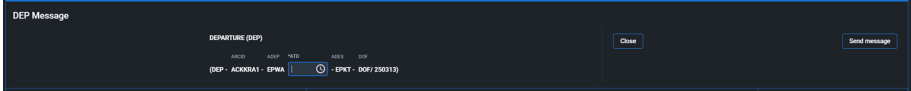
To expand or collapse the list of results, click its title.



Correct/complete the data in the message and click the **Send message** button again.

Button	Description
<p><b>ARR</b></p>	<p>Button to create and send an ARR (ARRIVAL) message.</p> <p>The ARR message is sent when requesting to define the actual time of arrival (ATA) and aerodrome of arrival, if differs from the planned aerodrome.</p> <p><b>Click the ARR button to display Section (4) with ARR message of the relevant FPL.</b></p>  <p>Insert actual time of arrival (ATA) and also aerodrome of arrival.</p> <p>If ZZZZ is entered in the DIV AD field, the Non ICAO Diversion AD field is enabled.</p> <p>Possible actions:</p> <ol style="list-style-type: none"> <li>A. To send an ARR message, click the <b>Send message</b> button.</li> <li>B. To close Section (4) without accepting the changes made in the ARR message form, click the <b>Cancel</b> button.</li> </ol>
<p><b>CHG</b></p>	<p>Button to create and send an CHG (CHANGE) message.</p> <p>CHG message is sent when a general FPL change is requested.</p> <p><b>Click the CHG button to display Section (4) with CHG message of the relevant FPL.</b></p>  <p>Edit the desired items in the CHG message form.</p>

Button	Description																		
	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>A non-editable item is indicated by an  icon.</i></p> <p><i>To change EOBT it is better to use DLA message.</i></p> </div> <p><b>FPL item numbers:</b></p> <table border="1"> <tr> <td><b>8</b></td> <td>Flight rules and type of flight</td> </tr> <tr> <td><b>9</b></td> <td>Number and type of aircraft and wake turbulence category</td> </tr> <tr> <td><b>10</b></td> <td>Equipment</td> </tr> <tr> <td><b>13</b></td> <td>Aerodrome of departure and estimated off-blocks time</td> </tr> <tr> <td><b>15</b></td> <td>Cruising speed, level, route</td> </tr> <tr> <td><b>16</b></td> <td>Destination aerodrome, total estimated elapsed time and alternate aerodromes</td> </tr> <tr> <td><b>18</b></td> <td>Other information</td> </tr> <tr> <td></td> <td> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>When sending a CHG message where EOBT is postponed to the following day, please insert a string DOF/YYMMDD into the item 18:</i></p> <ul style="list-style-type: none"> <li>• <i>YY = the last two figures of the calendar year</i></li> <li>• <i>MM = the calendar month</i></li> <li>• <i>DD = the <b>following day</b></i></li> </ul> </div> </td> </tr> <tr> <td><b>19</b></td> <td>Supplementary information</td> </tr> </table> <p>Format for the values is prescribed by the L4444 Regulation.</p> <p>Possible actions:</p> <p>A. To send an CHG message, click the <b>Send message</b> button.</p> <p>B. To close Section (4) without accepting the changes made in the CHG message form, click the <b>Cancel</b> button.</p>	<b>8</b>	Flight rules and type of flight	<b>9</b>	Number and type of aircraft and wake turbulence category	<b>10</b>	Equipment	<b>13</b>	Aerodrome of departure and estimated off-blocks time	<b>15</b>	Cruising speed, level, route	<b>16</b>	Destination aerodrome, total estimated elapsed time and alternate aerodromes	<b>18</b>	Other information		<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>When sending a CHG message where EOBT is postponed to the following day, please insert a string DOF/YYMMDD into the item 18:</i></p> <ul style="list-style-type: none"> <li>• <i>YY = the last two figures of the calendar year</i></li> <li>• <i>MM = the calendar month</i></li> <li>• <i>DD = the <b>following day</b></i></li> </ul> </div>	<b>19</b>	Supplementary information
<b>8</b>	Flight rules and type of flight																		
<b>9</b>	Number and type of aircraft and wake turbulence category																		
<b>10</b>	Equipment																		
<b>13</b>	Aerodrome of departure and estimated off-blocks time																		
<b>15</b>	Cruising speed, level, route																		
<b>16</b>	Destination aerodrome, total estimated elapsed time and alternate aerodromes																		
<b>18</b>	Other information																		
	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>When sending a CHG message where EOBT is postponed to the following day, please insert a string DOF/YYMMDD into the item 18:</i></p> <ul style="list-style-type: none"> <li>• <i>YY = the last two figures of the calendar year</i></li> <li>• <i>MM = the calendar month</i></li> <li>• <i>DD = the <b>following day</b></i></li> </ul> </div>																		
<b>19</b>	Supplementary information																		
<b>CNL</b>	Button to send an CNL (CANCEL) message.																		

Button	Description
	<p>CNL message is sent when it is requested to cancel an FPL.</p> <p><b>Click the CNL button to display Section (4) with CNL message of the relevant FPL.</b></p>  <p>No other parameters are filled.</p> <p>Possible actions:</p> <ul style="list-style-type: none"> <li>A. To send an CNL message, click the <b>Send message</b> button.</li> <li>B. To close Section (4) without accepting the changes made in the CNL message form, click the <b>Cancel</b> button.</li> </ul>
<p><b>DEP</b></p>	<p>Button to create and send an DEP (DEPARTURE) message.</p> <p>DEP message is sent when it is requested to defined the actual time of departure (ATD).</p> <p><b>Click the DEP button to display Section (4) with DEP message of the relevant FPL.</b></p>  <p>Insert the actual time of departure (ATD).</p> <p>Possible actions:</p> <ul style="list-style-type: none"> <li>A. To send an DEP message, click the <b>Send message</b> button.</li> <li>B. To close Section (4) without accepting the changes made in the DEP message form, click the <b>Cancel</b> button.</li> </ul>
<p><b>DLA</b></p>	<p>Button to create and send an DLA (DELAY) message.</p> <p>DLA message is sent when it is requested new EOBT (Estimated off-blocks time).</p>

Button	Description
	<p><b>Click the DLA button to display Section (4) with DLA message of the relevant FPL.</b></p> <div style="border: 1px solid black; background-color: #f0f0f0; padding: 5px;"> </div> <p>Insert the new EOBT (Estimated off-blocks time).</p> <p><b>Note</b></p> <div style="border: 2px solid orange; padding: 10px;"> <p><i>By sending a DLA message, the original EOBT can be delayed by maximum of 20 hours.</i></p> <p><i>An attempt to send a DLA message with the EOBT value outside this range will be deemed unsuccessful</i></p> </div> <p>Possible actions:</p> <ol style="list-style-type: none"> <li>A. To send an DLA message, click the <b>Send message</b> button.</li> <li>B. To close Section (4) without accepting the changes made in the DLA message form, click the <b>Cancel</b> button.</li> </ol>

### Section (3) - Flight route



**Note**

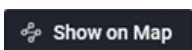
*Available depending on the current application configuration.*

The FPL window contains a Section (3) (see the following figure) that displays the flight route of the selected FPL in the FPL list.



**Note**

*For a description of the FPL window, see **chap. 3.7.2.4 (page 170)**.*



**Click the Show on Map button to display the flight route of the respective FPL in the map window.**

The view will zoom in and center on the respective flight route.

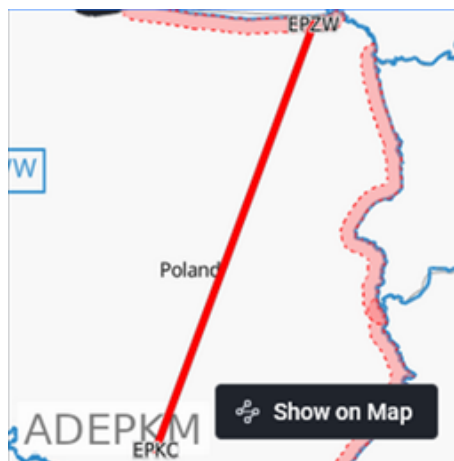
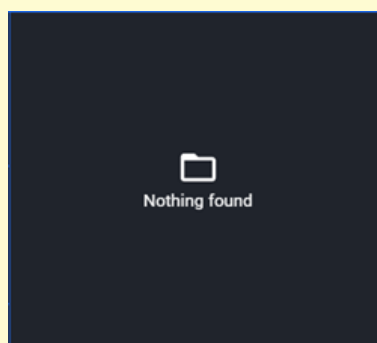


Fig. 3.34: Section (3) - Flight route



**Note**

If the data of the Section (3) is not available for the selected FPL, the indication **Nothing found** will be displayed in this section or the section is empty (see the following picture).



### Section (4) - METEO PIB

To display section (4) - METEO PIB (following image) in the FPL window, **click the Meteo PIB** button in Section (1) - FPL Data.

A form with the parameters of the selected FPL will be displayed, based on which you can generate a METEO PIB in PDF format.



**Note**

For a description of the FPL window, see **chap. 3.7.2.4 (page 170)**.

For a description of Section (1), see **chap. (page 172)**.



**Fig. 3.35: Section (4) - METEO PIB**

FPL parameters that are automatically loaded from the selected FPL cannot be edited.

### Horizontal Buffer

Click the toggle button with the desired horizontal width value of a flight corridor for which weather information shall be provided.

Possible values:

- **1 KM**
- **5 KM**
- **10 KM**
- **20 KM**
- **30 KM**

**Possible actions:**

- To generate a METEO PIB in PDF format, click the **Create PIB** button.

#### Note

*The METEO PIB is generated by use of available weather data based on FPL parameters.*

The generated PDF document will be displayed in a separate window.

This document can be saved and/or printed on a connected printer.

- To close Section (4) without accepting the changes made in the METEO PIB form, click the **Cancel** button.

### 3.7.3. Flight Logs (List)

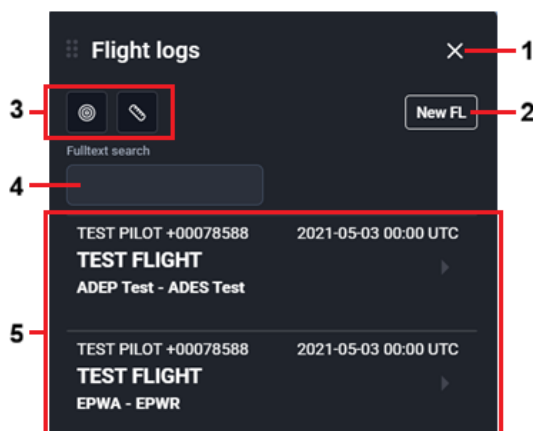


**Note**

*The function is available just for specified types of users.*

<p><b>Activation options:</b></p>	<p>To open/close the <b>Flight Logs (List)</b> window with a database of flight intentions/plans (see the following figure), <b>click</b> on the <b>Flight Log</b> item in the <b>Planning</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
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**Flight Logs (List) window** provides a database of flight plans or just flight intentions, and serves for planning of new flights and/or modification of existing flights.







**Fig. 3.36:** Sample of the Flight Logs (List) window

**Legend:**

1. Click on the button to close the window.
2. **New FL**  
Click **New FL** to to open **Flight Log (New/Edit)** window for a creation of new flight plan/intention.  
For description see **chap. 3.7.4 (page 189)**.

### 3. Tools

Icon	Description
 <p><b>Measure</b></p>	<ul style="list-style-type: none"> <li>- Click on the icon to measure the distance or area size.</li> </ul> <p>After clicking the icon:</p> <ul style="list-style-type: none"> <li>• The controls to perform the measurement are displayed.</li> <li>• The mouse cursor is in the <b>Distance</b> measurement mode .</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>The description of the measurement controls is the same as in <b>chap. 3.9.4 (page 328)</b>.</i></p> <p><i>For the techniques of the measurement, see <b>chap. 3.9.4.1 (page 330)</b>.</i></p> </div>
 <p><b>Range Circles</b></p>	<ul style="list-style-type: none"> <li>- Click on the icon to show/hide Concentric-Circle-Net representing a flying range (FR) of selected aircraft.</li> </ul> <p>After clicking the icon:</p> <ul style="list-style-type: none"> <li>• The controls to set the appropriate FR values of selected aircraft are displayed.</li> <li>• The mouse cursor is in the  mode of displaying range circles above the map.</li> </ul> <p>Range circles will be displayed in the map window according to the default parameters.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>For description of Range Circles window, see <b>chap. 3.7.4.6 (page 220)</b>.</i></p> </div>

### 4. Fulltext Search

Enter the character string in the text field to search for an flight plan/intention in the database.

The search is within the following aircraft parameters:

- PIC

- Name of the flight
- Aircraft
- ADEP
- ADES
- Date and time (UTC) an flight plan/intention creation

By entering a character string, the flight plan/intention list (4) from the DB is dynamically reduced to only those aircraft whose parameter contains the entered string.

**Note**

For description of the flight plan/intention see **chap. 3.7.4 (page 189)**.

**5. Flight plan/intention list stored in Aircraft Database.**

To select (highlight) an flight plan/intention click on the respective row in the flight plan/intention list.



**After clicking on the row:**

- (1) The flight route planned in the selected flight plan/intention is graphically displayed in the map window.
- (2) The selected row contains buttons for working with the corresponding flight plan/intention:

Button	Description
Delete	Press <b>Delete</b> to remove the selected flight plan/intention from database.

Button	Description
	<p>A dialog window (see the following picture) will appear to confirm or cancel the deletion of the respective flight plan/intention from the database.</p> <div style="text-align: center;"> </div> <p><u>The window includes the following options:</u></p> <p>A. To delete a flight plan/intention, click on the <b>Confirm</b> button.</p> <p>The respective flight plan/intention is deleted from the database.</p> <p>B. To close the dialog window without deleting the flight plan/intention click on the <b>Cancel</b> button.</p>
<p><b>Edit</b></p>	<p>Press <b>Edit</b> to modification the parameters of the selected flight plan/intention.</p> <p>For description see <b>chap. 3.7.4 (page 189)</b>.</p>
<p><b>Export</b></p>	<p>Press <b>Export</b> to save an intended flight route of a selected (highlighted) flight plan/intention in a <b>.gpx</b> or <b>.kml</b> file format.</p> <p>Dialog window appears to set the export.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>The directory where the exported file is automatically saved depends on your current web browser settings. One possible option is shown below.</i></p> </div> <div style="text-align: center;"> </div> <ol style="list-style-type: none"> <li>Click the <b>.gpx</b> or <b>.kml</b> radio button to select the file format to which you want to export the flight route.</li> <li><b>Possible actions:</b></li> </ol>

Button	Description
	<p>A. To export the flight route, click the <b>Confirm</b> button.</p> <p>The export is performed and, depending on your web browser settings, the created file is may be automatically saved in the Downloads directory.</p> <p>B. To cancel the export, click on the <b>Cancel</b> button.</p>

### 3.7.4. Flight Log (New/Edit)



**Note**

*The function is available just for specified types of users.*

<p><b>Activation options:</b></p>	<p>A. Choose <b>New FL</b> button of Flight Logs (List) window.</p> <p>B. Choose <b>Edit</b> button in the row of the selected flight plan/intention in the Flight Logs (List) window.</p> <p>C. Choose desired button:</p> <ul style="list-style-type: none"> <li>• <b>ADES</b></li> <li>• <b>ADEP</b></li> <li>• <b>WPT</b></li> <li>• <b>ALTN1</b></li> <li>• <b>ALTN2</b></li> </ul> <p>in the Feature Info window for the selected airport.</p> <p><b>Note</b></p> <p><i>For a description of the Flight Logs (List) window, see <b>chap. 3.7.3 (page 185)</b>.</i></p> <p><i>For a description of the Feature Info window, see <b>chap. 3.4.1 (page 42)</b>.</i></p>
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**Flight Log (New/Edit)** window serves for is intended for creating and editing a flight plan/intention.

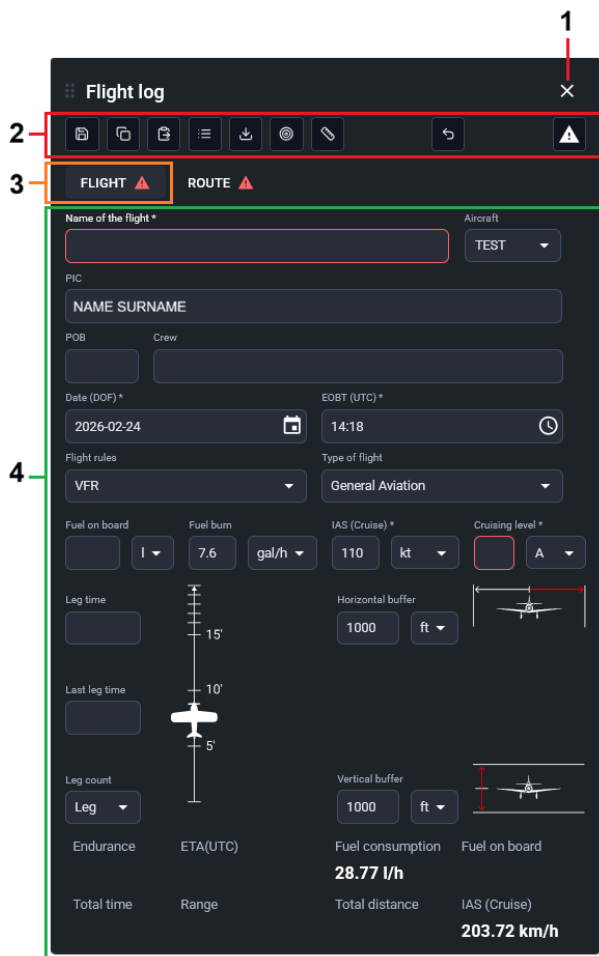


Fig. 3.37: Sample of the Flight Log (New/Edit) window - FLIGHT

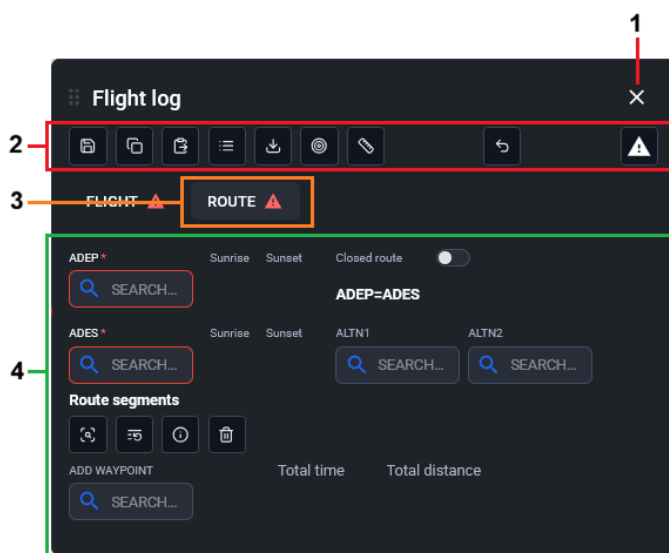
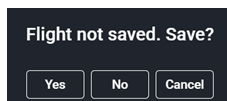


Fig. 3.38: Sample of the Flight Log (New/Edit) window - ROUTE

**Legend:**

1. Click on the button to close the window.

If the changes to the flight plan/intention are not saved, the following dialog window will appear.



Available actions in the window:

- A. Choose the **Yes** to save the changes and close the Flight Log (New/Edit) window.

**Note**

*You will receive a notification that the save has been successful.*

*If a mandatory flight parameter is missing from the flight plan/intention, the application will notify you and will not save the changes.*

*Complete and edit your flight plan/intention and you can close the window again.*

- B. Choose the **Cancel** to return to the Flight Log (New/Edit) window.

**Click** on the **Flight Log** item in the **Planning** submenu of the main application menu to reopen the Flight Log window.

The Flight Log (New/edit) window will automatically open with the most recently edited flight plan/intention and you can continue editing it.

**Note**

*For description of the main menu see **chap. 3.2 (page 29)**.*

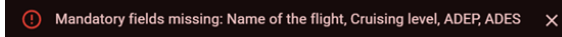
- C. Choose the **No** to close the Flight Log window (New/Edit) without saving the changes made.

## 2. Toolbar


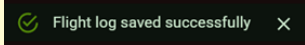

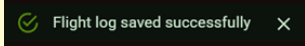



### Important

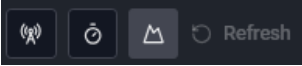

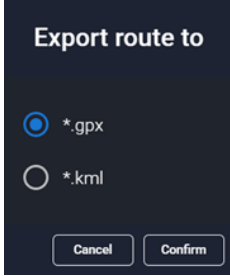

Only a flight plan/intention in which all mandatory parameters are entered is saved or exported to the FPL form.

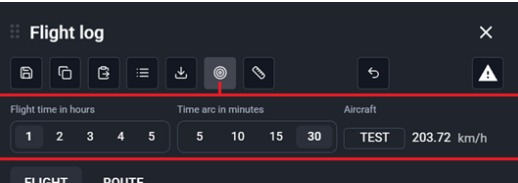

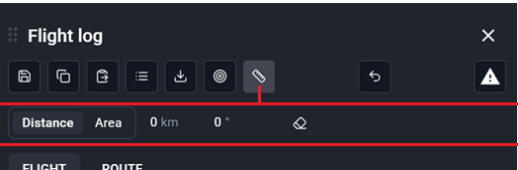

If a mandatory flight parameter is missing in the flight plan/intention, the application will notify you (following picture - sample) and will not save the changes.






Fill in the mandatory parameters in the flight plan and then you can save or export it to the FPL form.

Icon	Description
 <b>Save</b>	- Choose the icon to save the planned flight plan/intention. <b>Note</b> You will receive a notification that the save has been successful. 
 <b>Save as new</b>	- Choose the icon to save the created/edited flight plan/intention as a new flight plan/intention. <b>Note</b> You will receive a notification that the save has been successful. 
 <b>Export to FPL form</b>	- Choose the icon to open FPL Form window showing a completed FPL form containing values entered by the user into the Flight Log (New/Edit) window. <b>Note</b> For a description of the FPL Form window, see <b>chap. 3.7.1 (page 102)</b> .
 <b>Flight preview/ Close flight preview</b>	- Choose the icon: <ul style="list-style-type: none"> <li>To <b>show/hide a vertical flight profile</b> of the flight route in the map window.</li> </ul> The  icon (described below in this table) is activated.

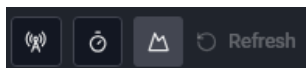
Icon	Description
	<p><b>Note</b></p> <p><i>For vertical profile description refer to <b>chap. 3.7.4.5 (page 218)</b>.</i></p> <ul style="list-style-type: none"> <li>To <b>show/hide the additional tools</b> in toolbar of Flight Log (New/Edit) window (description in the following table).</li> </ul> 
 <p><b>Export to gps</b></p>	<ul style="list-style-type: none"> <li>Choose the icon to save a flight route of the respective flight plan/intention in a <b>.gpx</b> or <b>.kml</b> file format.</li> </ul> <p><b>Export route to</b> window appears to set the export.</p> <p><b>Note</b></p> <p><i>The directory where the exported file is automatically saved depends on your current web browser settings. One possible option is shown below.</i></p>  <ol style="list-style-type: none"> <li>Click the <b>.gpx</b> or <b>.kml</b> radio button to select the file format to which you want to export the flight route.</li> <li><b>Possible actions:</b> <ol style="list-style-type: none"> <li>To export the flight route, click the <b>Confirm</b> button.</li> </ol> <p>The export is performed and, depending on your web browser settings, the created file is may be automatically saved in the <code>Downloads</code> directory.</p> <ol style="list-style-type: none"> <li>To cancel the export, click on the <b>Cancel</b> button.</li> </ol> </li> </ol>
	<ul style="list-style-type: none"> <li>Choose the icon to display the aircraft's range circles for the aircraft from the respective flight plan/intention.</li> </ul>

Icon	Description
<p><b>Range Circles</b></p>	<p>Control elements are displayed to set the desired parameters for displaying the range circles.</p> <p>The mouse cursor will switch to the mode of displaying range circles above the map.</p> <p>Range circles will be displayed in the map window according to the default parameters.</p>  <p><b>Note</b></p> <p><i>The description of the controls is the same as in chap. 3.7.4.6 (page 220).</i></p>
<p> <b>Map Measure</b></p>	<ul style="list-style-type: none"> <li>- Choose the icon to start measuring the distance or area in the map window.</li> </ul> <p>Controls for selecting the measurement type and displaying the measurement result are displayed.</p> <p>The mouse cursor will switch to distance/area measurement mode on the map.</p> <p>(A measurement line/polygon drawing mode)</p> <p>The distance measurement is automatically activated, the DISTANCE button is ON.</p>  <p><b>Note</b></p> <p><i>The description of the controls is the same as in chap. 3.9.4 (page 328).</i></p>
<p> <b>Return to list</b></p>	<ul style="list-style-type: none"> <li>- Choose the icon to return to the list of flight plans/intentions in the Flight Logs (List) window.</li> </ul> <p>The following dialog window may appear.</p>

Icon	Description
	<div style="border: 1px solid black; background-color: #333; color: white; padding: 5px; text-align: center;">                     Flight not saved. Save?  <input type="button" value="Yes"/> <input type="button" value="No"/> <input type="button" value="Cancel"/> </div> <p>Available actions in the window:</p> <p>A. Choose the <b>Yes</b> to save the changes and close the Flight Log (New/Edit) window.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px;"> <p><i>You will receive a notification that the save has been successful.</i></p> <div style="border: 1px solid black; background-color: #333; color: white; padding: 2px; text-align: center;"> <span style="color: green;">✔</span> Flight log saved successfully <span style="float: right;">✕</span> </div> </div> <p>B. Choose the <b>Cancel</b> to return to the Flight Log (New/Edit) window.</p> <p>C. Choose the <b>No</b> to close the Flight Log (New/Edit) window without saving the changes made.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px;"> <p><i>For a description of the Flight Logs (List) window, see <b>chap. 3.7.3 (page 185)</b>.</i></p> </div>
	<p>- Indicator notifying about a discrepancy/conflict between flight parameter values entered by the user (planned flight route) and flight rules.</p> <p><b>Indicator states:</b></p> <ul style="list-style-type: none"> <li style="border-bottom: 1px solid #ccc; padding-bottom: 5px;"> <div style="display: flex; align-items: center;">  <div>Is no discrepancy between the specification and the rules.</div> </div> </li> <li> <div style="display: flex; align-items: center;">  <div>Is one or more discrepancies.</div> </div> </li> </ul> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px;"> <p><i>Correct discrepancies in flight parameters.</i></p> <p><i>Indicator status updates after flight route re-computing.</i></p> </div>

Icon	Description
	<p style="text-align: center;"><b>Number on the indicator</b></p> <p>The number indicates the current number of discrepancies.</p> <p><b>Tooltip</b></p> <p>Hover the mouse over the indicator to display a tooltip.</p> <p>It contains listing flight warning(s) providing details on discrepancies.</p> <div style="text-align: center;"> </div> <p><b>Indicated flight warnings:</b></p> <p style="text-align: center;">Take-off before sunrise!</p> <hr/> <p style="text-align: center;">LDG later than sunset!</p> <hr/> <p style="text-align: center;">Lack of fuel!</p> <hr/> <p style="text-align: center;">Flight under 1000ft AGL - watch for obstacles!</p>

**Additional tools**











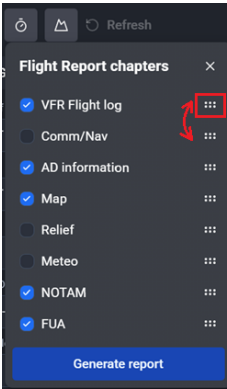

To show/hide the additional tools in toolbar of Flight Log (New/Edit) window **choose the** **icon** (description in the table above).

**Note**

*Additional tools are displayed if a flight route is defined.*

Icon	Description
  <b>Comm/NAV</b>	<p>- <b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>This function is enabled by the  icon (see the above listed item).</i></p> </div>

Icon	Description
	<p>Choose the  icon to show/hide the Comm/Nav window.</p> <p>This window containing a list of frequencies used by airports and NAVAIDs, it also lists frequencies of navigation check points located in the vicinity of the flight route, particularly in the range of FPL buffer zone.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>Comm/Nav Fulltext search</p> <hr/> <p><b>COMM</b></p> <p>RADOM WIEZA TWR <b>118.430MHZ</b></p> <p>RADOM TOWER TWR <b>118.430MHZ</b></p> <p>RADOM GROUND TWR <b>121.750MHZ</b></p> <p>RADOM GROUND TWR <b>121.750MHZ</b></p> <p>RADOM ZBLIZANIE APP <b>128.675MHZ</b></p> <p>RADOM APPROACH APP <b>128.675MHZ</b></p> </div>
<p></p> <p><b>Vertical profile</b></p>	<p>- <b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>This function is enabled by the  icon (see the above listed item). You can also show/hide the vertical profile using the  icon.</i></p> </div> <p>Choose the  icon to show/hide the vertical profile of the flight route in the map window.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For vertical profile description refer to <b>chap. 3.7.4.5 (page 218)</b>.</i></p> </div>
<p></p> <p><b>Quick report</b></p>	<p>- <b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>This function is enabled by the  icon (see the above listed item).</i></p> </div> <p>Choose the icon  to open the <b>Flight Report chapters</b> window and create a shortened pre-flight report from the intended flight plan/intention currently displayed on your screen in PDF format.</p>

Icon	Description
	<p>Quick Pre-flight Report comprises (1) a label with essential flight information and (2) a map view displaying the whole flight route.</p>  <p>You can choose <input checked="" type="checkbox"/> chapters you wish to include in your report and set up your own order of chapters.</p> <p>To change the chapter order, use drag and drop - .</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>At least one of the chapters must be chosen <input checked="" type="checkbox"/> before generating.</i></p> </div> <p>Click on the <b>Generate report</b> button to generate your pre-Flight Report in PDF format.</p>

3. **FLIGHT** - choose the toggle button to display the form to setting FLIGHT parameters.  
**ROUTE** - choose the toggle button to display the form to setting ROUTE parameters.
4. Form to setting FLIGHT/ROUTE parameters.

The content of the form depends on the active FLIGHT/ROUTE toggle button.

**Note**

*For a description of FLIGHT parameters form, see **chap. 3.7.4.1 (page 199)**.*

*For a description of ROUTE parameters form, see **chap. 3.7.4.2 (page 204)**.*

### 3.7.4.1. FLIGHT parametres form

Choose the **FLIGHT** toggle button in the Flight Log (New/Edit) window to display the form to define flight parameters.

For a description of ROUTE parameters form, see **chap. 3.7.4 (page 189)**.



#### Important

*Mandatory parameters are marked with a \* (star).*

*If a mandatory parameter is not entered, or the entered value needs to be edited, the relevant parameter will be highlighted.*

*How to edit the form using the keyboard and mouse, see **chap. 3.7.1.4 (page 140)**.*

The form contains controls for setting the following flight parameters:

#### Name of Flight

Enter a name of your flight



#### Note

*Entry of the item value is mandatory*

### Aircraft

Choose an aircraft from Aircraft Database

### Crew

Specify a crew of the aircraft for your flight by use of items contained in this section

Item	Description
<b>PIC</b>	- Enter the name of the pilot in command.  <b>Note</b> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <i>Depending on the current application configuration, the name of the currently logged in user can be automatically inserted (default) into the text box.</i> </div>
<b>Crew</b>	- Enter name(s) of crew member(s).
<b>POB</b>	- Enter the number of persons on board or TBN.

### Time

Specify a date and time of flight by use of items contained in this section.



#### Note

Entry of the items value is mandatory

Item	Description
<b>Date (DOF)</b>	- Enter the Date of Flight.  By default, the current date is pre-filled.
<b>EOBT (UTC)</b>	- Enter the Estimated Off-Block Time.  The minimum possible value is current UTC time + 5 minutes.  This parameter can be configured within the application, and depend on their current configuration setting.



#### Note

To set the date and time use a keyboard, or choose 📅 and 🕒 icons.

### Flight Rules

Specify flight rules and type of flight by use of items contained in this section.

Item	Description
<b>Flight Rules</b>	<ul style="list-style-type: none"> <li>- Choose one out of following options:                             <ul style="list-style-type: none"> <li><b>IFR</b> Whole flight under IFR</li> <li><b>VFR</b> Whole flight under VFR</li> <li><b>IFR→VFR</b> First part of the flight is under IFR, later it is changed into VFR</li> <li><b>VFR→IFR</b> First part of the flight is under VFR, later it is changed into IFR</li> </ul> </li> </ul>
<b>Type of Flight</b>	<ul style="list-style-type: none"> <li>- Choose one out of following options:                             <ul style="list-style-type: none"> <li>• <b>Scheduled Air Service</b></li> <li>• <b>Non-scheduled Air Service</b></li> <li>• <b>General Aviation</b></li> <li>• <b>Military</b> (Military Aviation)</li> <li>• <b>Other</b> (Other than the preceding options)</li> </ul> </li> </ul>

### Aircraft performance parameters



**Note**

*These parameters are automatically filled in based on the selected aircraft, and you can change them here. To change these parameters globally, see **chap. 3.7.6 (page 233)** and **chap. 3.7.6.1 (page 236)**.*

Item	Description
<b>Fuel On Board</b>	- Enter an amount of fuel carried by aircraft before flight.
<b>Fuel Burn (cruise)</b>	- Enter a value of average fuel quantity burned per hour for aircraft when cruising.
<b>IAS (cruise)</b>	- Enter a value of Indicated Air Speed. Insert TAS if required.
<b>Cruising Level *</b>	<ul style="list-style-type: none"> <li>- <b>Note</b></li> </ul> <div style="border: 1px solid yellow; padding: 5px; margin-top: 5px;"> <p><i>Cruising Level is a mandatory parameter</i></p> </div>

Item	Description
	<p>Specify planned cruising level.</p> <p>Choose one of the following characters specifying the cruising level of your aircraft:</p> <p><b>A</b> Altitude in hundreds of feet at QNH pressure, expressed as "A" followed by three numbers (e.g., A085)</p> <p><b>F</b> Flight level, expressed as "F" followed by three numbers (e.g., F055)</p> <p><b>VFR</b> (Unspecified cruising level); the flight will be conducted as uncontrolled VFR flight using default 1000ft AGL (i.e. you need not to enter the height value, the flight is re-computed using the default value)</p> <p><b>S</b> Standard metric level in tens of meters at 1013 hPa pressure, expressed as "S" followed by four numbers (e.g. S0150)</p> <p><b>M</b> Altitude in tens of meters at QNH pressure, expressed as "M" followed by four numbers (e.g. M0610)</p>

**FPL Buffer Zone (FBZ)**

Specify, by use of items contained in this section, the vertical and lateral limits of an airspace (FPL Buffer Zone) within which the height and nature of obstacles shall be taken into consideration when planning a flight.

Item	Description
<b>Horizontal Buffer</b>	- Enter a value of a lateral limit of the FPL buffer zone.
<b>Vertical Buffer</b>	- Enter a value of a vertical limit of the FPL buffer zone.

**Plotting**

Specify, by use of items contained in this section, a plotting of flight route, i.e. a division of a route segment into N equal parts each of the same length of time.

Item	Description
<b>Leg Time</b>	- Enter a length of time [N minutes] for a division of a route segment into equal parts lasting N minutes each (e.g. the entry of 10 minutes means that the route segment will be split into 10-minutes' sections).
<b>Last Leg Time</b>	- Enter a length of time [M minutes] for a division of the last route segment into M-minutes' sections.

Item	Description
<b>Count</b>	<ul style="list-style-type: none"> <li>- Choose a manner of computing the length of flight [min].</li> </ul> <p>Available are following options:</p> <ul style="list-style-type: none"> <li><b>Leg</b> Each route segment (from one waypoint to another) is divided to N- and M-minutes' sections respectively by use of Leg Time and Last Leg Time items</li> <li><b>Route</b> The whole flight route (from ADEP to ADES) is divided into N-minutes' sections by use of Leg Time item; a value entered in Last Leg Time item refers only to a final time section prior to end of route</li> </ul>

### Flight Route UPDATE

When specifying the flight attribute values the flight route re-computation and update of conflict warnings between flight attributes and flight rules are performed automatically.

Updated values of the below listed flight attributes (not editable by the user) are shown in FLIGHT form:



#### Note

*The distance and length values in flight-related calculations are displayed in currently selected units.*

*To set the desired units of length (Metric/Imperial), click on the Settings item in the submenu of the logged-in user indicator, see **chap. 3.6.1 (page 96)**.*

Item	Description
<b>Endurance</b>	- Computed maximum length of time that an aircraft can spend in cruising flight at a given speed, fuel amount and rate of consumption
<b>ETA (UTC)</b>	- Computed estimated time of arrival
<b>Fuel Consumption</b>	- Computed total amount of fuel an aircraft uses to pass the route from ADEP to ADES at a given speed
<b>Fuel on Board</b>	- Calculated amount of fuel needed for a given flight
<b>Total Time</b>	- Computed estimated duration of a flight (from take-off/ ADEP to touch-down/ADES)
<b>Range</b>	- Computed maximum distance an aircraft can fly between take-off and landing as limited by fuel load (without re-fuelling)

Item	Description
<b>Total Distance</b>	- Computed total length of flight route (from ADEP to ADES)
<b>IAS (Cruise)</b>	- Indicated Air Speed

### 3.7.4.2. ROUTE parametres form



#### Important

You can define/edit the fligth route:

#### A. Using the keyboard

By editing the ROUTE parameters form, description below.

**and / or**

#### B. Using the mouse

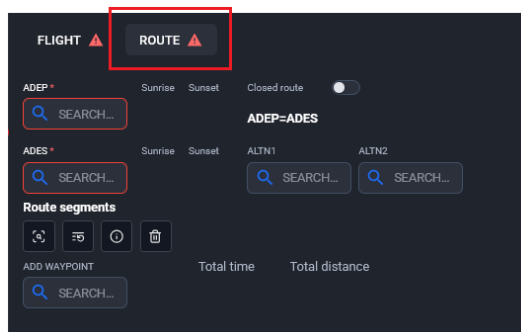
- By specifying ADEP/ADES/WPT points by clicking on the map.
- By adjusting ADEP/ADES/WPT points by moving them to a new position.

Changes made in the ROUTE parameters form are automatically applied to the graphical flight route presentation in the map window and vice versa.

For a description of the graphical flight route presentation, see **chap. 3.7.4.4 (page 216)**.

Choose the **ROUTE** toggle button in the Flight Log (New/Edit) window to display the form to define the flight route parameters.

For a description of ROUTE parameters form, see **chap. 3.7.4 (page 189)**.





**Important**

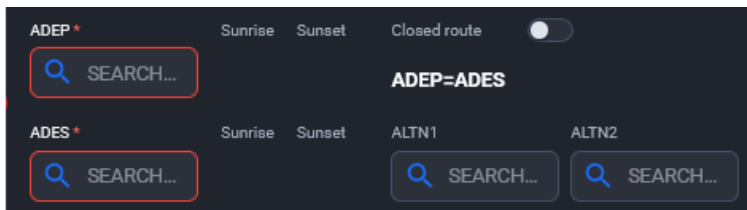
*Mandatory parameters are marked with a \* (star).*

*If a mandatory parameter is not entered, or the entered value needs to be edited, the relevant parameter will be highlighted.*

*How to edit the form using the keyboard and mouse, see **chap. 3.7.1.4 (page 140)**.*

The ROUTE form contains controls for setting the following flight ROUTE parameters:

**ADEP/ADES**



Section to specify airport of departure, airport of destination and alternate airports.

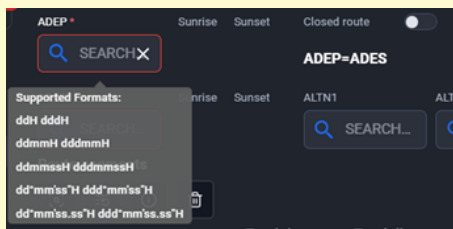
Parameter	Description
<b>ADEP *</b>	<ul style="list-style-type: none"> <li>- Search and selection of an Aerodrome of DEParture (ADEP) by its name/designation or by the geographical coordinates of its location.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>Departure is a mandatory parameter.</i></p> <p><i>See the note below the table for a description of the search.</i></p> </div>
<b>ADES *</b>	<ul style="list-style-type: none"> <li>- Search and selection of an Aerodrome of DESTination (ADES) by its name/designation or by the geographical coordinates of its location.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>Destination is a mandatory parameter.</i></p> <p><i>See the note below the table for a description of the search.</i></p> </div>
<b>Sunrise</b> <b>Sunset</b>	<ul style="list-style-type: none"> <li>- Time of sunrise and sunset for both ADES and ADEP.</li> </ul> <p>If sunrise/sunset time is available it will be displayed upon the flight re-computation.</p>
<b>Closed Route</b> <b>ADEP = ADES</b>	<ul style="list-style-type: none"> <li>- If the ADEP is required to be identical to ADES, enable <input checked="" type="checkbox"/> switch.</li> </ul> <p>Then ADES * text box becomes inactive.</p>

Parameter	Description
<b>ALTN1</b> (Alternate 1)	- Search and selection of 1st alternate aerodrome of arrival (ALTN1) by its name/designation or by the geographical coordinates of its location.  <b>Note</b> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <i>See the note below the table for a description of the search.</i> </div>
<b>ALTN2</b> (Alternate 2)	- Search and selection of 2nd alternate aerodrome of arrival (ALTN2) by its name/designation or by the geographical coordinates of its location.  <b>Note</b> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <i>See the note below the table for a description of the search.</i> </div>



**Note**

**Search**

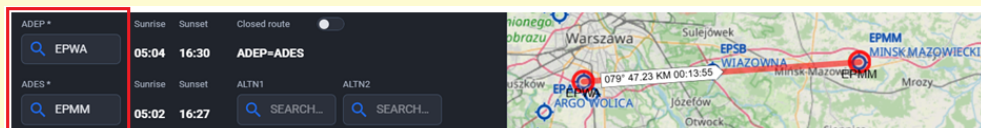


*Search for aerodrome will be initiated upon an entry of 2 characters from the aerodrome designation/name or after entering the geographical coordinates of its location; aerodrome is searched in WFS- and SDO- databases, followed by a search in a database of important places.*

*Finally, the search results are objects from databases whose name contains the specified character string or whose location is within the specified geographic coordinates.*

*The maximum number of searched objects is 500.*

*Once a choice of ADES and ADEP is completed a related flight route appears in a map window.*



### Route Segments

The section is intended for defining waypoints (WPT) and creating/editing flight route segments.

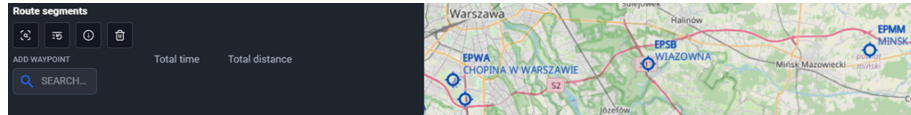


Fig. 3.39: Basic View (without route)

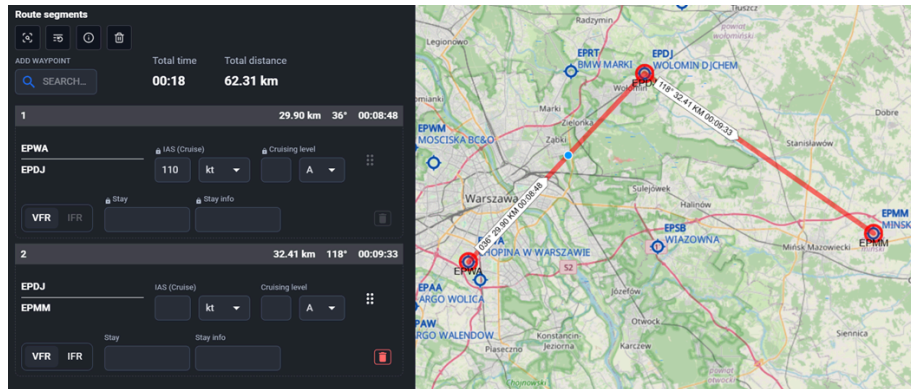




Fig. 3.40: Extended view (with created route)



The section may contain:

- (1) Toolbar
- (2) Basic flight parameters of the flight route
- (3) Flight parameters of the flight route segment

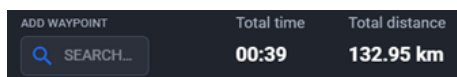
#### (1) Toolbar



Icon	Description
	- Choose the icon to zoom IN/OUT and to centre a map view to entire intended flight route.
<b>Zoom to route</b>	
	- Choose the icon to set a return flight for the same route (in the opposite direction).
<b>Reverse route</b>	

Icon	Description
 <b>SDO info ON/OFF</b>	<p>The order of way points will be updated in ROUTE form of Route Segments section followed by the flight route values re-computing.</p> <p>- Choose the icon to enable (ON)/disable (OFF) <b>SDO Info Mode</b> of operation.</p> <p><b>SDO info ON</b></p> <p>SDO information on sites/objects located inside the map view is available to the user.</p> <p><b>SDO info OFF</b></p>
 <b>Clear route</b>	<p>- Choose the icon to delete the inner segments of the respective flight route.</p> <p>A basic flight route consisting of one ADEP-ADES segment shall remain defined.</p> <p>The following changes will be made automatically:</p> <ul style="list-style-type: none"> <li>• A content of Route Segments section (ROUTE parameters form) will be updated accordingly;</li> <li>• The flight route presentation in the map window will be updated accordingly;</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>For a description of the graphical flight route presentation, see <b>chap. 3.7.4.4 (page 216)</b>.</i></p> </div> <ul style="list-style-type: none"> <li>• The flight route values will be re-computed and updated in FLIGHT parameters form.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p><i>For a description of the FLIGHT parameters form, see <b>chap. 3.7.4.1 (page 199)</b>.</i></p> </div>

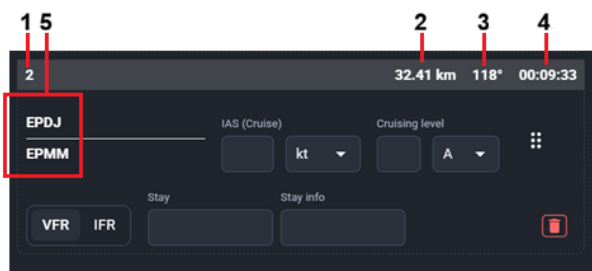
**(2) Basic flight parameters of the flight route**



Parameter	Description
<p><b>ADD WAYPOINT</b></p>	<p>- Search and selection of waypoint (WPT) by its name/designation or by the geographical coordinates of its location.</p>

Parameter	Description
	<p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>Before inserting the WPT, make sure that the ADEP and/or ADES of the flight route are defined.</i></p> </div> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>Search for aerodrome will be initiated upon an entry of 2 characters from the aerodrome designation/name or after entering the geographical coordinates of its location; aerodrome is searched in WFS- and SDO- databases, followed by a search in a database of important places.</i></p> <p><i>Finally, the search results are objects from databases whose name contains the specified character string or whose location is within the specified geographic coordinates.</i></p> <p><i>The maximum number of searched objects is 500.</i></p> <p><i>After selecting a point, that point is inserted into the graphical representation of the flight route in the map window.</i></p> </div>
<p><b>Total time</b></p>	<ul style="list-style-type: none"> <li>- Total flight time on a defined route.</li> </ul> <p>It is recalculated and displayed after entering ADEP with ADES and after each change in flight parameters and flight route.</p>
<p><b>Total distance</b></p>	<ul style="list-style-type: none"> <li>- Total length of the flight route in application units.</li> </ul> <p>It is recalculated and displayed after inserting ADEP and ADES and after each change in the route points definition.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>To set the desired units of length (Metric/Imperial), click on the <b>Settings</b> item in the submenu of the logged-in user indicator, see <b>chap. 3.6.1 (page 96)</b>.</i></p> </div>

**(3) Flight parameters of the flight route segment**



**Legend:**

1. **Sequence number** of the respective segment within the flight route.
2. **The length** of the respective flight route segment in application units; the distance of its endpoints.

It will be recalculated and displayed after inserting the creation/editing of the respective flight route segment.

**Note**

*To set the desired units of length (Metric/Imperial), click on the **Settings** item in the submenu of the logged-in user indicator, see **chap. 3.6.1 (page 96)**.*

3. **Aircraft heading** on the respective flight route segment

It will be recalculated and displayed after inserting the creation/editing of the respective flight route segment.

4. **ETA** at the final waypoint of the respective flight route segment.

It will be recalculated and displayed after inserting the creation/editing of the respective flight route segment.

5. **ICAO designation or geographical coordinates** of the starting (top) and ending points (bottom) of the respective flight route segment






**Note**

*Defining/Editing the following flight parameters is not available for the first segment of the flight route. Locking of parameter editing is indicated by the icon.*

*Values are automatically pre-filled from the FLIGHT parameters form, where they can be amended as needed.*

*For a description of FLIGHT parameters form, see **chap. 3.7.4.1 (page 199)**.*

Parameter	Description
<b>IAS</b>	- IAS for the respective flight segment
<b>Cruising Level</b>	- Cruising Level for the respective flight segment
<b>VFR/IFR</b>	- Flight rules for the respective segment
<b>Stay</b>	- The time delay between the two segment reporting points in a HHMM format where HH stands for hours and MM for minutes (e.g. a delay of 30 minutes is inserted as 0030).

Parameter	Description
	<p>This time will be automatically added to <b>Total time</b> in FLIGHT parameters form, see <b>chap. 3.7.4.1 (page 199)</b>.</p> <p><b>Note</b></p> <p><i>When creating a FPL form the flight intention, this value is automatically inserted into the Item 15 of the FPL.</i></p> <p><i>To export, use the  icon in the "Flight Log" window (New/Edit), see <b>chap. 3.7.4 (page 189)</b>.</i></p>
<p><b>Stay info</b></p>	<p>- A text box to insert the reason for the delay</p> <p><b>Note</b></p> <p><i>When creating a FPL form the flight intention, this value is automatically inserted into the Item 18 of the FPL.</i></p> <p><i>To export, use the  icon in the "Flight Log" window (New/Edit), see <b>chap. 3.7.4 (page 189)</b>.</i></p>
<p></p> <p><b>Remove segment</b></p>	<p>- Click on the icon to delete the respective flight route segment.</p>



**Note**

*If IAS and Cruising Level are not filled in, the parameters from the FLIGHT form are used by default.*

*If these values are filled in, and differ from the overall flight parameters, they are displayed in the segment strip under the names of waypoints, and are highlighted.*

### 3.7.4.3. Creating a flight route



#### Note

For a description of Flight Log (New/Edit) window, see **chap. 3.7.3 (page 185)**.

For a description of ROUTE parameters form, see **chap. 3.7.4.2 (page 204)**.

The flight route consists of segments defined by the end points ADEP, ADES and the desired waypoints (WPT).

#### A) By retrieval from waypoint database

##### 1. ADEP\* / ADES\* / ADD WAYPOINT

Text boxes in the ROUTE parameters form

Enter at least 2 characters of the desired airport designation (e.g. ICAO, name, geographical coordinates of the location) in the text box.

A search in WFS- and SDO- database and in a database of important places will be initiated.

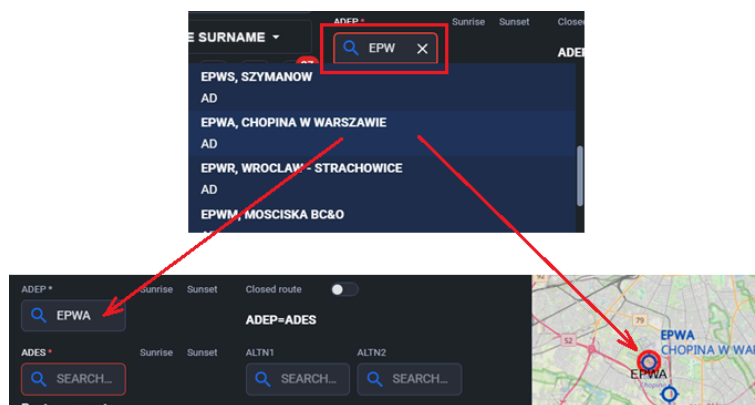
2. Finally, objects list the airport designation of which contain an entered string of characters are displayed.

The maximum number of searched objects is 500.

3. Click on the desired object to select it in the list.

The designation of the selected object is inserted into the respective (ADEP\* / ADES\* / ADD WAYPOINT) text box and the Route segments section in the ROUTE parameters form is updated.

A route point is created in the map window, in the geographical coordinates of the object.



## B) By selecting on the map



### Important

Make sure that the display of the desired feature layers is enabled  in the **Map settings** window.

For a description of the **Map settings** window and of the layers, see **chap. 3.9.1 (page 306)**.

Available options:

**A. Click on the map to the desired position.**

The **Add point** window will appear (described below).

**B. Press the left mouse button on the flight route line.**

Using the "drag and drop" method, move the grabbed point to the desired position.

The track line changes dynamically as you move the cursor.

Release the mouse button at the selected position.

The **Add point** window will appear (described below).

**C. In the Feature Info window of selected object with available SDO data, click the ADEP / ADES / WPT button.**

This will select the airport role on the flight route.

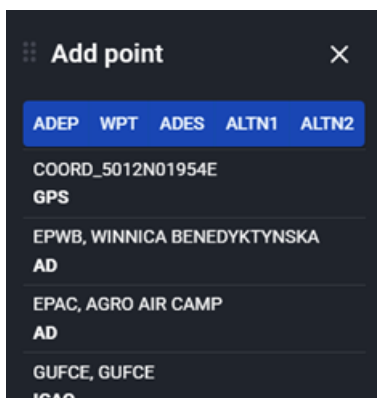
A new waypoint is highlighted at the airport position and the **Route segments** section in the **Flight Log** (New/Edit) window is updated.

**Note**

For a description of Feature Info window, see **chap. 3.4.1 (page 42)**.  
 For a description of Flight Log (New/Edit) window, see **chap. 3.7.3 (page 185)**.

**Add point window**

The window contains the GPS coordinates of the click position and a list of surrounding points from the SDO database.



Click on the selected toggle button to assign a role to the new point that it will represent within your flight route.

Following options are available:

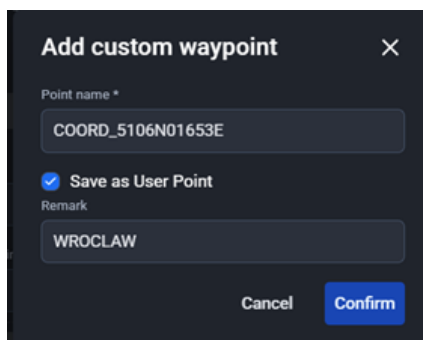
Button	Representation
<b>ADEP</b>	- Aerodrome of departure
<b>WPT</b>	- Waypoint along the flight route (between ADEP and ADES)  <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><b>Note</b></p> <p>When selecting an aerodrome as a waypoint, it is displayed in the Select Waypoint window with the prefix A-, e.g. EPKK is displayed as AEPKK.</p> </div>
<b>ADES</b>	- Aerodrome of destination
<b>ALTN1</b>	- Alternate aerodrome 1

Button	Representation
ALTN2	- Alternate aerodrome 2

Select the point of your choice in the list by a click on a row showing GPS coordinates or the point's name.

When selecting the point in SDO database, such point is added to the route automatically.

If you choose the point by its GPS coordinates, upon tapping the **Add custom waypoint** window (see the picture below) appears which is used to define a point, confirm it on the track and save it in the user points database.



### Point name

The text box contains the automatically generated name of the insertion point and consists of the geographical coordinates of the clicked point.

You can overwrite this name using the keyboard.

### Remark

To edit the text box, check  the **Save as User Point** checkbox.

Entry of a remark is optional.

#### Available actions in the window:

- A. To cancel the insertion of the respective point on the flight route choose the **Cancel**.

The application returns to the **Add point** window (described above).

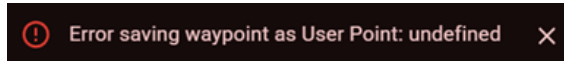
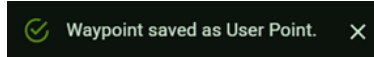
- B. To confirm the insertion of the respective point on the flight route choose the **Confirm**.

The point is added to the flight route, and **Flight Log** data are updated.

**Important**

If the **Save as User Point** is checked , click **Confirm** to confirm the insertion of the respective point on the flight route and at the same time insert the point definition into the DB of user-defined points.

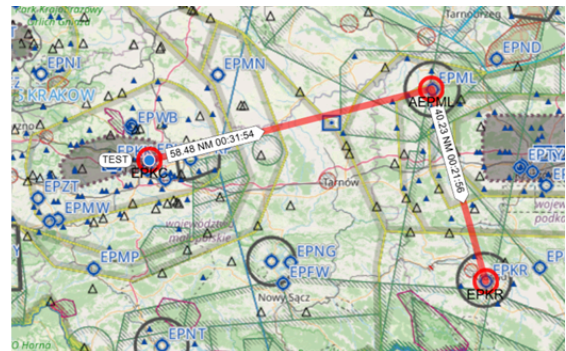
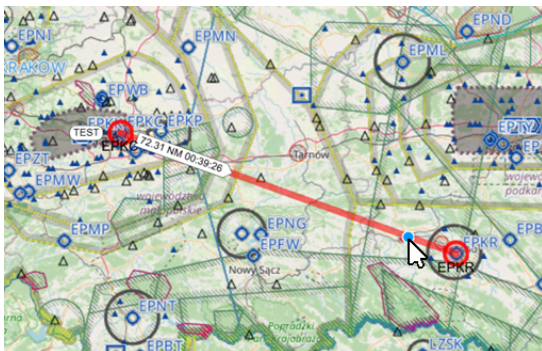
If the point is saved successfully, or in the event of a save error, the appropriate notification will be displayed.



**3.7.4.4. Flight Route Presentation**

The flight route consists of segments defined by the end points ADEP, ADES and the desired waypoints (WPT).

It consists of at least one segment ADEP-ADES.



**Route segment**

Route segment is represented by a line segment having 2 distinct endpoints.

**Route labels**



**Important**

*The labels are displayed when the map is zoomed in sufficiently.*

Two types of labels are displayed for the flight route:

**A. For the entire route**

It is located next to ADEP.

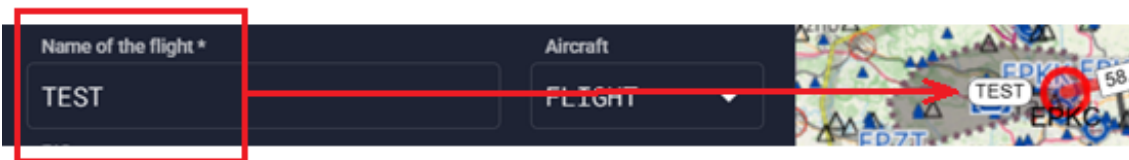
Contains the name of the flight (flight plan/intention) for which the flight route is displayed.

**Important**

Define the name in the "Name of the flight \*" text box in the FLIGHT parameter form.

For a description of FLIGHT parameter form, see *chap. 3.7.4.1 (page 199)*.

**The label is displayed only if a name IS defined.**

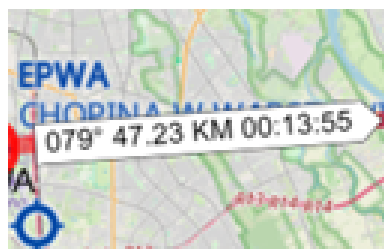


**B. For a route segment**



It is located at the beginning point of each segment of the flight route.

Contains:

- Length of the segment
- Computed time of flight between the two waypoints

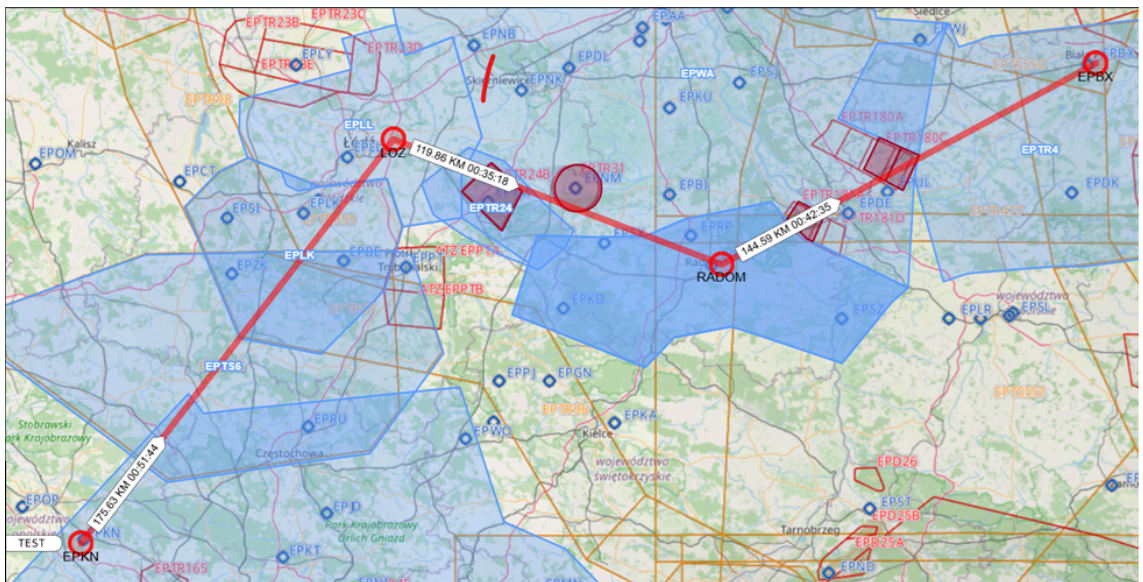


### 3.7.4.5. Vertical Flight Profile

<p><b>Activation options:</b></p>	<p>A. Click the  icon from the toolbar in the "Flight Log" window (New/Edit).</p> <p>B. Click the  icon from the additional tools in the "Flight Log" window (New/Edit).</p> <p>C. Click on the <b>V-PROFILE</b> button in the FPL window.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>For a description of the Flight Log (New/Edit) window, see <b>chap. 3.7.4 (page 189)</b>.</i></p> <p><i>For a description of the FPL window, see <b>chap. 3.7.2.4 (page 170)</b>.</i></p> </div>
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The following is activated:

1. **Indication of airspaces** occurring in a specified FBZ of aircraft flight route shown in a map window (see example below) as follows:
  - Airspaces of conformity between the planned flight route and flight rules
  - Airspaces in conflict with the planned flight route





### 3.7.4.6. Range Circles

Activation options:



- **Note**

*The icon is in the Flight Logs (List) window, see chap. 3.7.3 (page 185) and in the Flight Log (New/Edit) window, see chap. 3.7.4 (page 189).*

Click on the icon to show/hide Concentric-Circle-Net representing a flying range (FR) of selected aircraft.

After clicking the icon:

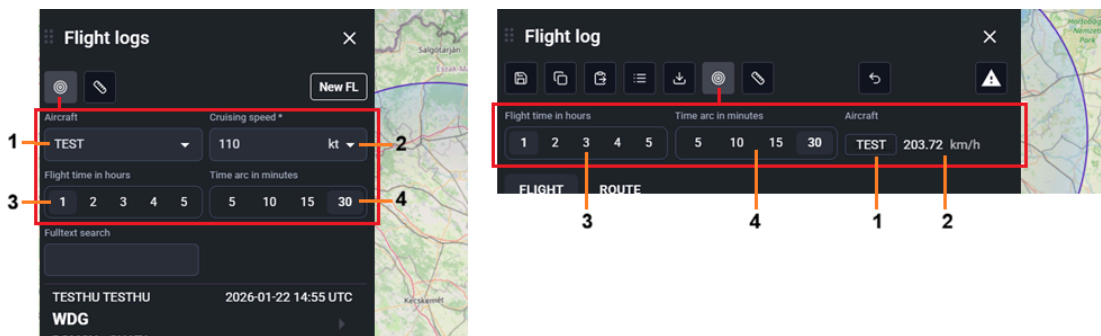
- The mouse cursor will switch to the mode of displaying range circles above the map.

Range circles will be displayed in the map window according to the default parameters.



- The **Flight Logs** (list) / **Flight Log** (New/Edit) window is expanded to include a section (see image below) where you can set the relevant FR values for the selected aircraft.

CC centre is located in a spot of a current cursor position over a map view.



**Fig. 3.41: Sample of the section for setting Range Circles**

### Legend:

#### 1. Aircraft



##### (1) Flight Logs (List)

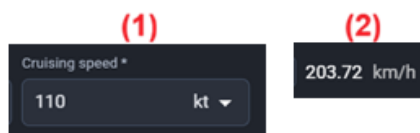
From the drop-down list, select the type of aircraft for which you want to find the range.

##### (2) Flight Log (New/Edit)

The **Aircraft** type selected in the **FLIGHT** parameter definition form (see **chap. 3.7.4.1 (page 199)**).

This information is for reference purposes only.

#### 2. Cruising Speed \* / Units



#### Note

*The "Cruising Speed \*" text box is mandatory.*

##### (1) Flight Logs (List)

In the text box **Cruising Speed \***, enter the cruising speed value of the aircraft.

In the drop-down list **Units**, select the units for the entered speed value:

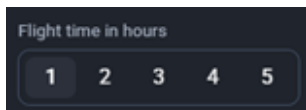
- **kts**
- **mph**
- **km/h**

##### (2) Flight Log (New/Edit)

The cruising speed value of the aircraft (IAS) transferred from the **FLIGHT** parameter definition form (see **chap. 3.7.4.1 (page 199)**).

This information is for reference purposes only.

### 3. Flight time in hours

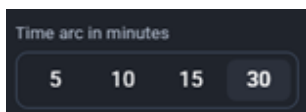


Click on the toggle buttons to set FR value in hours.

Available values are: 1 – 2 – 3 – 4 – 5 hrs.

The picture above illustrates FR = 1 hour.

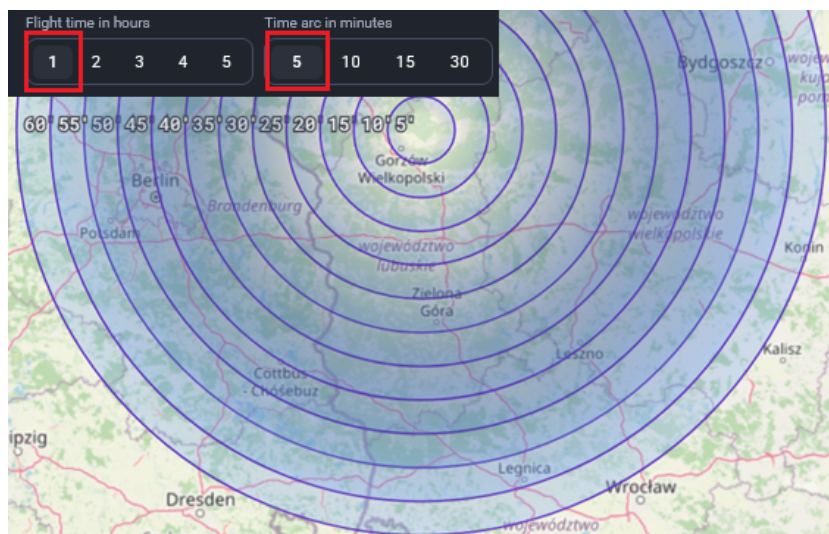
### 4. Time arc in minutes



Click on the toggle buttons to choose a value of time segment [min] specified as any of the parts into which the selected FR value [hr] is divided.

Available values are: 5 – 10 – 15 – 30 min.

The picture illustrates a division of FR into 5-minute segments.



### 3.7.5. User Points (List)



**Important**

Capacity of the user-defined points database is limited to **100 points as a maximum**.

Points from the user-defined points database are displayed in the map layer **Layers/Objects/User Points**.

To work with these points, make sure the **User Points** layer is enabled

For description of the map layers see **chap. 3.9.1 (page 306)**.



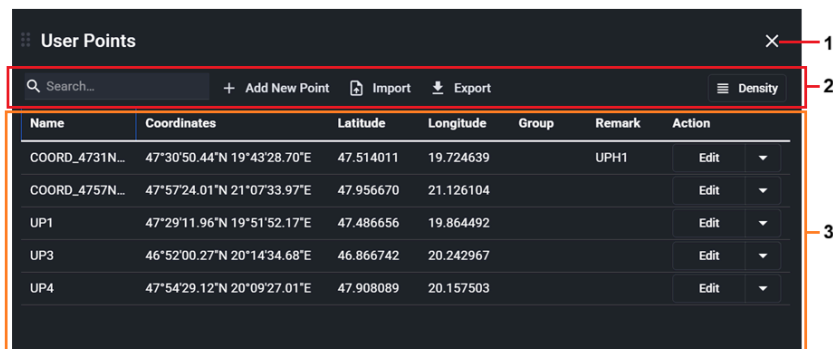
**Note**

The point from the user-defined points database is represented on the map by a position symbol and the point name (see the following picture - sample).




<b>Activation options:</b>	<p>To open/close the <b>User Points</b> window with a database of user-defined points (see the following figure), <b>click</b> on the <b>User Points</b> item in the <b>Planning</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p style="text-align: center;"><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; text-align: center;"> <p>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</p> </div>
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**User Points window** enables an entry of new user-defined points and/or editing of existing ones, as well as an import of points to user-defined points database when planning flight route by use of own points stored in the database.



**Fig. 3.42: Sample of the User Points window**

**Legend:**

1. Click on the  button to close the window.
2. **Display setting bar** of User Points list, see **chap. 3.10.8 (page 345)**
3. **User Points list** from database (for description see below in this chapter)

**User Points list display settings**

For a description of the features for list display setting, see **chap. 3.10 (page 332)**.

**The contents of the User Points list**



**Note**

*When the list is first displayed, its content is empty.*

*To add a point, use the **Add New Point** button in the Display Setting Bar of User Points list (see figure above).*

*For a description of the Display Setting Bar, see **chap. 3.10 (page 332)**.*



**Important**

*Capacity of the user-defined points database is limited to **100 points as a maximum**.*

The User Points list is displayed in the form of a table. One row of the table refers to one points.

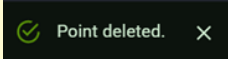
The columns contain the information about the point and the actions that can be performed on the point (the Action column), see the following table.

The set of columns displayed in the list and their order are predefined. You can change this list view setting as needed, see **chap. 3.10.5 (page 337)**.

The columns can contain the following data:

Column name	Description
Action	A drop-down context menu of actions that can be performed on the respective point.

Column name	Description
	<p>The description of the individual actions:</p> <p><b>Edit</b>      Displays the <b>User Point</b> window to modify the definition of the respective point.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> </div> <p>Edit the desired point data and save its definition with the <b>Save Point</b> button.</p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin: 10px auto; width: fit-content;"> <p><i>For a description of the User Point window see <b>chap. 3.7.5.1 (page 227)</b>.</i></p> </div> <hr/> <p><b>Delete</b>      Display the dialog window (see the following picture) to confirm or cancel the intention to delete the respective point from the user-defined points database.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> </div> <p>The window includes the following options:</p> <p>A. To delete a point, click on the <b>Delete</b> button.</p> <p>The respective point is deleted from the user-defined points database.</p>

Column name	Description
	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>You will receive a notification that the point has been successfully deleted.</i></p>  </div> <p>B. To close the dialog window without deleting the point click on the <b>Cancel</b> button.</p>
<b>Coordinates</b>	Geographic coordinates of the point
<b>ID</b>	Automatically assigned point identification number.
<b>Group</b>	The name of the point group you assigned the point to when adding/editing it to/in DB.
<b>Latitude</b>	Latitude of a point
<b>Longitude</b>	Longitude of a point
<b>Name</b>	Point name
<b>Remark</b>	<p>A remark on the respective point</p> <p>The information manually entered into the point definition (<b>Remark</b> text box) when adding/editing it,</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For description of the point definition form see <b>chap. 3.7.5.1 (page 227)</b>.</i></p> <p><i>To import points, use the <b>Import</b> button in the display setting bar of User Points list (see the figure above).</i></p> <p><i>For a description of the display setting bar, see <b>chap. 3.10 (page 332)</b>.</i></p> </div>

**Centering the map on a point**

**Click on a row** of the desired point in the User Points list to center the map on the position of this point.

Name	Coordinates	Latitude	Longitude	Group	Remark	Action
COORD_4731N...	47°30'50.44"N 19°43'28.70"E	47.514011	19.724639		UPH1	Edit ▼
COORD_4757N...	47°57'24.01"N 21°07'33.97"E	47.956670	21.126104			Edit ▼
UP1	47°29'11.96"N 19°51'52.17"E	47.486656	19.864492			Edit ▼
UP3	46°52'00.27"N 20°14'34.68"E	46.866742	20.242967			Edit ▼
UP4	47°54'29.12"N 20°09'27.01"E	47.908089	20.157503			Edit ▼

### 3.7.5.1. User Point (New/Edit)



#### Important

Points from the user-defined points database are displayed in the map layer *Layers/Objects/User Points*.

To work with these points, make sure the **User Points** layer is enabled .

For description of the map layers see **chap. 3.9.1 (page 306)**.



#### Note

The point from the user-defined points database is represented on the map by a position symbol and the point name (see the following picture - sample).



#### Activation options:

A. To **add** a new point to the user-defined points database, **click** on the **Add New Point** button in the bar to set the User Points list view.

The **User Point (New/Edit)** window will display with an empty form for defining the point (see the figure below).

B. To **edit** a point from the user-defined points database, **click** on the **Edit** action (column **Action** - ▼ button) in the row of the selected point in the User Points list.

The **User Point** (New/Edit) window will display with a form that contains data from the definition of the relevant point (see the figure below).

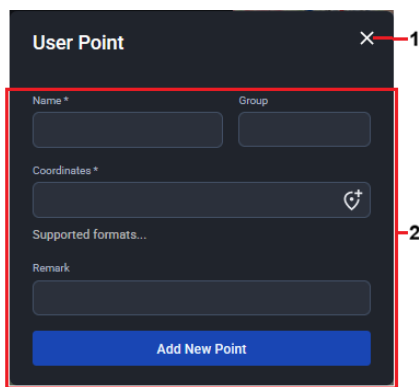
**Note**

*For description of the bar to set the user points list view see **chap. 3.10.8 (page 345)**.*

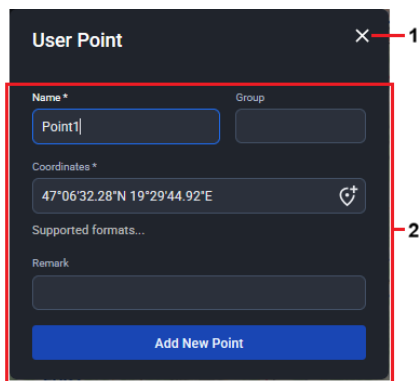
*For description of the user points list see **chap. 3.7.5 (page 223)**.*

**User Points window** allows you:

- To define a new point
- To edit the definition of an existing point in the user-defined points database



**Fig. 3.43: User Point window - Add New Point**



**Fig. 3.44: User Point window - Edit**

**Legend:**

1. Click on the button to close the window without accepting changes.

2. **Point definition form** (for description see below in this chapter)

**Point definition form**


The form can contain the following control elements:



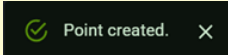


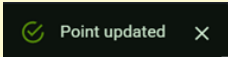
**Important**

*It is not possible to add/save a point without a name and without the geographical position of the point in a supported format.*

Control Element	Description
<b>Name</b>	The text box to enter the name of the point.  <b>Important</b> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <i>The name of the point must be unique, otherwise the existing point with the same name will be overwritten.</i> </div>
<b>Group</b>	The text box to enter the name of the point group to which the respective point should belong.
<b>Coordinates</b>	Text box to insert the geographic coordinates of a point location by editing the box.  <b>Note</b> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <i>To enter geographic coordinates by clicking on the map, use the  icon (see description below).</i> </div>  Options for inserting a value:  A. <b>Insert</b> a value from the clipboard using the keyboard shortcut <b>Ctrl+v</b> .  <b>To copy</b> the geographical coordinates of the desired point from the map to the clipboard:  1. Left-click (in standard mode) on the desired point on the map.  The <b>Feature Info</b> window for the click position is displayed.

Control Element	Description
	<div> </div> <p>2. Click on the  icon to copy the geographical coordinates from the Feature Info window to the clipboard.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>For a description of the Feature Info window, see <b>chap. 3.4.1 (page 42)</b>.</i></p> </div> <p>B. Type the geographical coordinates using the keyboard in one of the following supported formats.</p> <div style="background-color: #333; color: #fff; padding: 5px;"> <pre> - ddH dddH - dddH ddH - dddmmH dddmmH - dddmmH dddmmH - dddmmssH dddmmssH - dddmmssH dddmmssH - dd.ddddH dd.ddddH - ddd.ddddH dd.ddddH - dd°mm'ss"H ddd°mm'ss"H - ddd°mm'ss"H dd°mm'ss"H - dd°mm'ss.ss"H ddd°mm'ss.ss"H - ddd°mm'ss.ss"H dd°mm'ss.ss"H                     </pre> </div> <p><u>Explanatory notes:</u></p> <ul style="list-style-type: none"> <li>dd/ - Degrees</li> <li>ddd</li> <li>mm - Minutes</li> <li>ss - Seconds</li> <li>.dddd - 4 decimal places of decimal degrees value</li> <li>.ss - 2 decimal places of decimal seconds value</li> <li>H - Designator of Earth's hemisphere, where: <ul style="list-style-type: none"> <li>S = South</li> <li>N = North</li> <li>W = West</li> <li>E = East</li> </ul> </li> </ul>

Control Element	Description
	<p>Icon for determining the geographical coordinates of a point's location by clicking on the map.</p> <p><b>Click on the  icon</b> to enable mouse cursor mode to determine the location of a point by clicking on the map.</p> <p>Then <b>click on the selected point location</b> on the map.</p> <p>The corresponding geographical coordinates will automatically appear in the <b>Coordinates</b> text box (described above).</p> <p>The default mode is activated for the mouse cursor.</p>
<p><b>Remark</b></p>	<p>Text box for enter a note to the point.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For a description of exporting/importing points from/to the user-defined points DB, see <b>chap. 3.7.5.1 (page 227)</b>.</i></p> </div>
<p><b>Add New Point</b></p>	<p>Button to add (save) a new point definition to the user-defined points database and close the User Point window.</p> <p><b>After clicking the Add New Point button:</b></p> <p>A. If the point name or the geographical coordinates of its position are missing, or the coordinates are in an unsupported format, the point is not added to the DB (it is not saved).</p> <p>Complete and correct the point data and use the <b>Add New Point</b> button again.</p> <p>B. The new point is saved in the user-defined points database:</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>You will receive a notification that the point has been successfully created.</i></p> <div style="text-align: center; margin-top: 10px;">  </div> </div>

Control Element	Description
	<ul style="list-style-type: none"> <li>The new point is added to the list in the "User Points" window</li> </ul> <p><b>and</b></p> <ul style="list-style-type: none"> <li>The new point is displayed on the map in the Layers/ Objects/<b>User Points</b> layer.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>For description of the User Points window see <b>chap. 3.7.5 (page 223)</b>.</i></p> <p><i>For description of the map layers see <b>chap. 3.9.1 (page 306)</b>.</i></p> </div>
<p><b>Save Point</b></p>	<p>Button to save the modified (edited) point definition from the user-defined points database and close the User Point window.</p> <p><b>After clicking the Save Point button:</b></p> <p>A. If the point name or the geographical coordinates of its position are missing, or the coordinates are in an unsupported format, the point is not saved.</p> <p>Complete and correct the point data and use the <b>Save Point</b> button again.</p> <p>B. The point is saved in the user-defined points database:</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>You will receive a notification that the save has been successful.</i></p> <div style="text-align: center; margin-top: 10px;">  </div> </div> <ul style="list-style-type: none"> <li>The edited point data is modified in the User Points (List) window</li> </ul> <p><b>and</b></p>

Control Element	Description
	<ul style="list-style-type: none"> <li>• if you have changed the geographical coordinates of the point, it will be displayed on the map in the new location;</li> <li>• if a new point has the same name as an existing point, the original point is updated, and no duplicate is created.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px;"> <p><i>For description of the User Points window see <b>chap. 3.7.5 (page 223)</b>.</i></p> <p><i>For description of the map layers see <b>chap. 3.9.1 (page 306)</b>.</i></p> </div>

### 3.7.6. Aircraft list



**Note**

*The function is available just for specified types of users.*

<p><b>Activation options:</b></p>	<p>To open/close the <b>Aircraft (List)</b> window with an aircraft list defined in the DB (see the following figure), <b>click</b> on the <b>Aircraft</b> item in the <b>Planning</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
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**Aircraft (List) window** provides a database of aircraft, and serves for an entry of values of new aircraft's parameters or editing of existing aircraft's parameters.

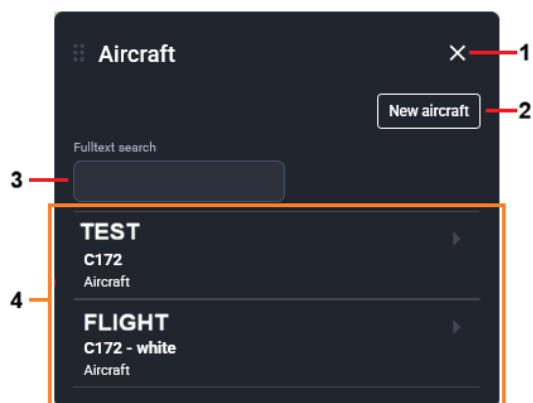



Fig. 3.45: Sample of the Aircraft (List) window

## Legend:

1. Click on the  button to close the window.
2. **New Aircraft**  
Click **New Aircraft** to define the parameters of a new aircraft.  
For description see **chap. 3.7.6.1 (page 236)**.
3. **Fulltext Search**  
Enter the character string in the text field to search for an aircraft in the aircraft database.

The search is within the following aircraft parameters:

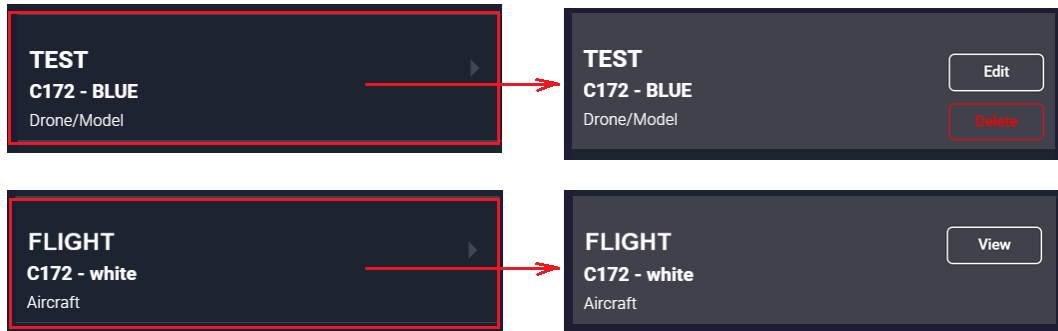
- **Registration**
- **Type (ICAO)**
- **Aircraft colours and markings**

By entering a character string, the aircraft list (4) from the aircraft database is dynamically reduced to only those aircraft whose parameters contain the entered string.

### Note

*For description of the aircraft parameters see **chap. 3.7.6.1 (page 236)**.*

4. **Aircraft list** stored in Aircraft Database.  
To select (highlighted) an aircraft click on the respective row in the aircraft list.



The selected row contains buttons for working with the corresponding aircraft:

Button	Description
<p><b>Delete</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The function is not available for predefined (default) aircraft.</i></p> </div> <p>Press Delete to remove the selected (highlighted) aircraft from the aircraft database.</p> <p>A dialog window will appear to confirm or cancel the deletion of the respective aircraft from the aircraft database.</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>The window includes the following options:</p> <p>A. To delete a aircraft, click on the <b>Delete</b> button.</p> <p>The respective aircraft is deleted from the aircraft database.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>You will receive a notification that the aircraft has been successfully deleted.</i></p> <div style="text-align: center; margin: 5px 0;"> </div> </div> <p>B. To close the dialog window without deleting the aircraft click on the <b>Cancel</b> button.</p>

Button	Description
<p><b>Edit</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>The function is not available for predefined (default) aircraft.</i></p> </div> <p>Press Edit to modification of parameter values pertaining to selected (highlighted) aircraft.</p> <p>For description see <b>chap. 3.7.6.1 (page 236)</b>.</p>
<p><b>View</b></p>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>The function is available for predefined (default) aircraft.</i></p> </div> <p>Press View to open the View Aircraft window to view the predefined aircraft FLIGHT parameters or to edit the parameters and save into the database as a new aircraft.</p> <p>For description see <b>chap. 3.7.6.1 (page 236)</b>.</p>

### 3.7.6.1. Aircraft (New/Edit)



**Note**

*The function is available just for specified types of users*

<p><b>Activation options:</b></p>	<p>A. To <b>add</b> a new aircraft to the aircraft database, <b>click</b> on the <b>New Aircraft</b> button in the Aircraft (List).</p> <p>The <b>Aircraft</b> (New/Edit) window will be displayed with a form to define the parameters of the new aircraft.</p> <p>B. To <b>edit</b> a aircraft from the aircraft database, in the Aircraft (List) window select the desired aircraft in the aircraft list (i.e. click on its row) and click on the <b>Edit</b> button in the selected row.</p> <p>The <b>Aircraft</b> (New/Edit) window will be displayed with a form to edit the parameters of the respective aircraft.</p> <p>C. To <b>view</b> the parameters of a predefined aircraft FLIGHT or to <b>add</b> a new aircraft based on a predefined aircraft definition, in the Aircraft (List) window select the predefined aircraft in the aircraft list (i.e. click on the its row) and click on the <b>View</b> button in the selected row.</p>
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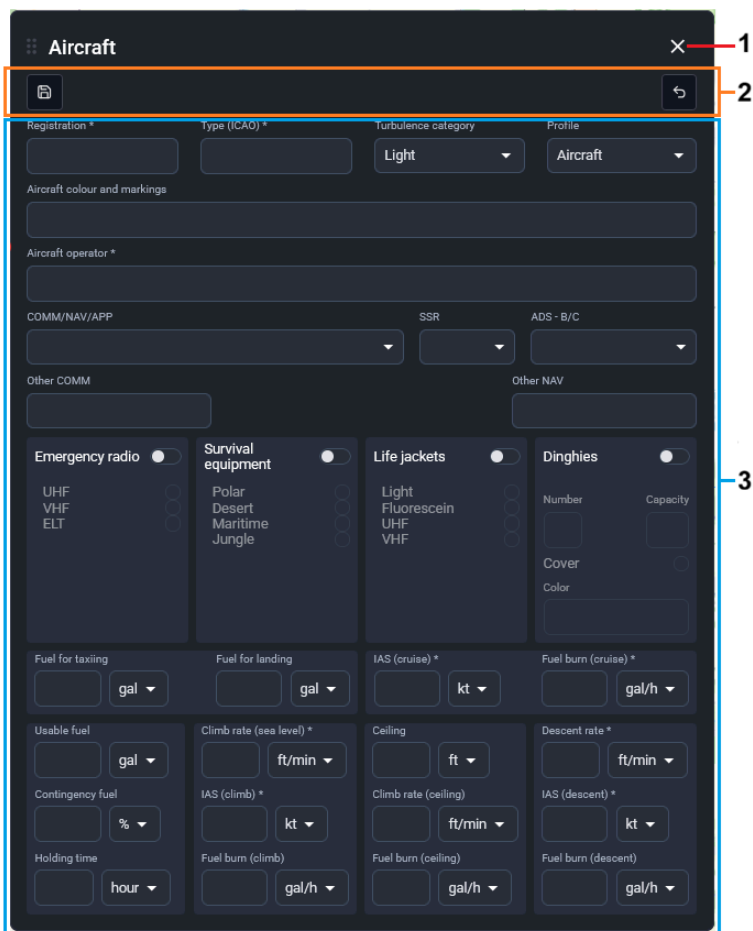
The **Aircraft** (New/Edit) window will be displayed with a form to view/edit the parameters of the predefined (default) aircraft and/or to use it to define a new aircraft.

**Note**

For description of the Aircraft (List) window, see **chap. 3.7.6 (page 233)**.

**Aircraft window** allows you:

- To define a new aircraft
- To edit the definition of an existing aircraft in the aircraft database
- To view the definition of a predefined FLIGHT aircraft



**Fig. 3.46: Aircraft window - New aircraft**

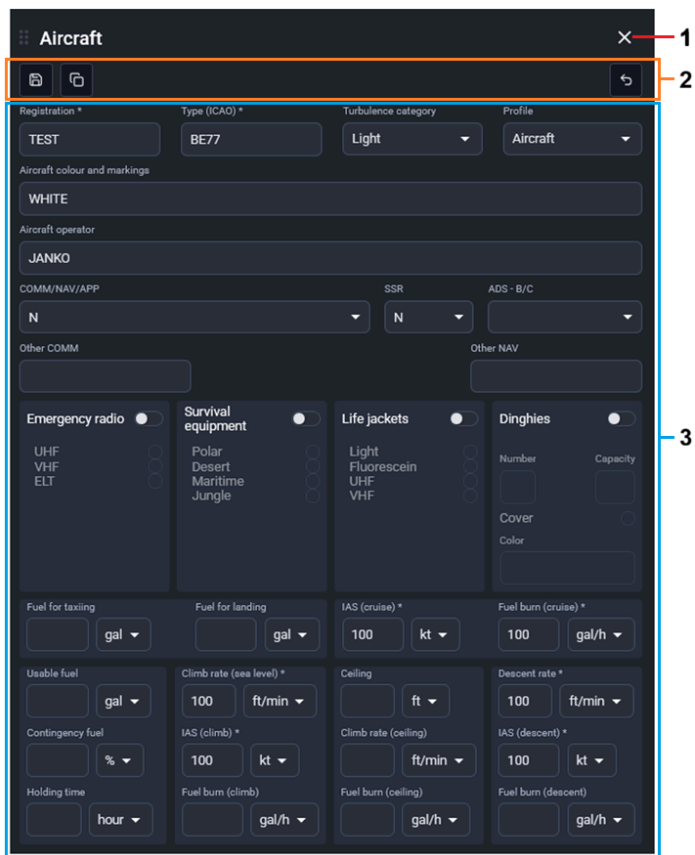
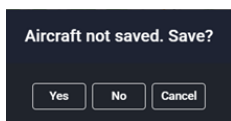


Fig. 3.47: Aircraft window - Edit

**Legend:**

- 1. Click on the button to close the window.

The following dialog box may appear.



Available actions in the window:

- A. Choose the **Yes** to save the changes and close the Aircraft (New/Edit) window.

**Note**

*If a mandatory parameter is missing from the aircraft definition, the application will notify you and will not save the changes (the following picture - sample).*



*Complete and edit your aircraft definition and you can close the window again.*

- B. Choose the **Cancel** to close the Flight Log window (New/Edit) without saving the changes made.
  
- C. Choose the **No** to close the Flight Log window (New/Edit) without saving the changes made.

**2. Buttons for working with the form**

**Important**




*You will be not allowed to save the aircraft specification until all mandatory parameters contained in the form are filled in appropriate fields.*





*Mandatory parameters are marked with a \* (star).*

*If a mandatory parameter is missing from the aircraft definition, the application will notify you and will not save the changes (the following picture - sample).*



*Complete and edit your aircraft definition and you can close the window again.*

Button	Description
 (Save)	Press  button to save the aircraft specification in the aircraft database.
 (Save as)	<p><b>Note</b></p> <p><i>The function is available in the aircraft form, which is already stored in the aircraft database.</i></p>

Button	Description
	<p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px;"> <p><i>Before clicking the  button, enter the new aircraft registration code (Registration * field), otherwise, an error notification will appear stating that it is not possible to create an aircraft with an existing registration number.</i></p> <div style="background-color: #333; color: white; padding: 2px; border: 1px solid black;"> <span style="font-size: 0.8em;">Failed to save aircraft: Aircraft with registration FLIGHT already exists. Please choose a different registration. <span style="float: right;">✕</span></span> </div> </div> <p>Press  button to save the aircraft definition to the database as a new aircraft.</p>
<p> (Return)</p>	<p>Press  button to return to the "Aircraft" (List) window with the list of aircraft.</p> <p>The following dialog box may appear.</p> <div style="background-color: #333; color: white; padding: 5px; border: 1px solid black; text-align: center;"> <p style="margin: 0;">Aircraft not saved. Save?</p> <div style="display: flex; justify-content: center; gap: 10px; margin-top: 5px;"> <span style="border: 1px solid #ccc; padding: 2px 5px;">Yes</span> <span style="border: 1px solid #ccc; padding: 2px 5px;">No</span> <span style="border: 1px solid #ccc; padding: 2px 5px;">Cancel</span> </div> </div> <p><u>Available actions in the window:</u></p> <ul style="list-style-type: none"> <li>A. Choose the <b>Yes</b> to save the changes and close the Aircraft (New/Edit) window.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 10px;"> <p><i>If a mandatory parameter is missing from the aircraft definition, the application will notify you and will not save the changes (the following picture - sample).</i></p> <div style="background-color: #333; color: white; padding: 2px; border: 1px solid black; font-size: 0.8em;"> <span style="font-size: 0.7em;">Mandatory fields missing: Registration, Type (ICAO), Climb rate (sea level), IAS (cruise), IAS (climb), IAS (descent), Fuel burn (cruise), Descent rate <span style="float: right;">✕</span></span> </div> <p><i>Complete and edit your aircraft definition and you can close the window again.</i></p> </div> <ul style="list-style-type: none"> <li>B. Choose the <b>Cancel</b> to return to the Aircraft (New/Edit) window.</li> <li>C. Choose the <b>No</b> to close the Aircraft window (New/Edit) without saving the changes made.</li> </ul> <p>For description of the Aircraft (List) window, see <b>chap. 3.7.6 (page 233)</b>.</p>


3. The control elements for viewing and editing of the aircraft parameters.


**Note**

*Mandatory parameters are marked with asterisk (\*).*  
*Empty fields of mandatory parameters are highlighted.*

Control element (Aircraft parameter)	Description
<b>Registration*</b>	Enter the aircraft's Registration Identifier (alphanumeric string).
<b>Type (ICAO)*</b>	Enter the aircraft's type designator (alphanumeric code) assigned by ICAO.
<b>Turbulence category*</b>	<p>Select one of the following options:</p> <ul style="list-style-type: none"> <li>• <b>Light</b> Light aircraft types with a maximum certificated take-off mass of 7 000 kg or less</li> <li>• <b>Medium</b> Medium aircraft types with a maximum certificated take-off mass less than 136 000 kg and more than 7000 kg</li> <li>• <b>Heavy</b> Heavy aircraft types with a maximum certificated take-off mass of 136 000 kg or more</li> <li>• <b>Super heavy</b> Super Heavy aircraft types - for Airbus A380-800</li> </ul>
<b>Profile</b>	<p>Select one of the following options:</p> <ul style="list-style-type: none"> <li>• <b>Aircraft</b></li> <li>• <b>Helicopter</b></li> <li>• <b>Glider</b></li> <li>• <b>Ballon</b></li> </ul>

Control element (Aircraft parameter)	Description
	<ul style="list-style-type: none"> <li>• Dron/Model</li> <li>• Paraglider/Hand Glider/Paramotor</li> </ul>
Aircraft colour and markings	Enter a colour/colour scheme and markings of your aircraft.
Aircraft operator*	<p>Enter the name of the aircraft operator.</p> <p>The aircraft operator name shall be used for a FPL creation in the Field 18 as OPR/{aircraft operator}.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; background-color: #ffffcc;"> <p><i>For description of the FPL form, see <b>chap. 3.7.1.1 (page 106).</b></i></p> </div>
COMM/NAV/APP	<p>Enter the radio communication, navigation and approach aid equipment to be carried on board.</p> <p>To choose from the offered items, click on the icon . The following window will appear.</p> <div style="border: 1px solid black; background-color: #333; color: #ccc; padding: 10px; margin: 10px 0;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Equipment and Capability</span> <span>✕</span> </div> <p><input type="radio"/> N   Check if no COM/NAV/approach aid equipment for the route to be flown is carried, or the equipment is unserviceable.</p> <p>OR</p> <p><input type="radio"/> S   Check if standard COM/NAV/approach aid equipment for the route to be flown is carried and serviceable. Standard equipment is considered to be VHF RTF, VOR and ILS, unless another combination is prescribed by the appropriate ATS authority</p> <p>AND / OR check one or more of the following letters to indicate the serviceable equipment and capabilities available.</p> <ul style="list-style-type: none"> <li><input type="radio"/> A   GBAS landing system</li> <li><input type="radio"/> B   LPV (APV with SBAS)</li> <li><input type="radio"/> C   LORAN C</li> <li><input type="radio"/> D   DME</li> <li><input type="radio"/> E1   FMC WPR ACARS</li> <li><input type="radio"/> E2   D-FIS ACARS</li> <li><input type="radio"/> E3   PDC ACARS</li> <li><input type="radio"/> F   ADF</li> <li><input type="radio"/> G   GNSS (Global Navigation Satellite System) If any portion of the flight is planned to be conducted under IFR, it refers to GNSS receivers that comply with the requirements of ICAO Annex 10, Volume I. Additionally, the types of external GNSS augmentation, if any, are specified in item 18 following the indicator NAV/ and separated by a space)</li> <li><input type="radio"/> H   HF RTF</li> <li><input type="radio"/> I   Inertial Navigation</li> <li><input type="radio"/> J1   CPDLC ATN VDL Mode 2 (see RTCA/EUROCAE Interoperability Requirements Standard for ATN Baseline 1 (ATN B1 INTEROP Standard – DO-280B/ED-110B) for data link services air traffic control clearance and information/air traffic control communication management/air traffic control microphone check)).</li> <li><input type="radio"/> J2   CPDLC FANS 1/A HFDL</li> <li><input type="radio"/> J3   CPDLC FANS 1/A VDL Mode A</li> <li><input type="radio"/> J4   CPDLC FANS 1/A VDL Mode B</li> </ul> <div style="text-align: right;"> <input type="button" value="Set"/> </div> </div>

Control element (Aircraft parameter)	Description
	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;"> <p><i>For a description of items listed in windows refer to <b>chap. (page 127).</b></i></p> <p><i>For a description of working with the window, see <b>chap. 3.7.1.4 (page 145).</b></i></p> </div> <p>The user chooses one of the letters N or S. You can selected one or more COM/NAV/approach aid equipment choices for item S.</p> <p>Confirm the selection with the <b>SET</b> button. The letters of the selected options will be displayed in COM/NAV/APP field.</p>
<p><b>SSR</b></p>	<p>Enter SUR equipment available on-board.</p> <p>To choose from the offered items, click on the icon . The following window will appear.</p> <div style="border: 1px solid black; background-color: #2c3e50; color: white; padding: 10px; margin: 10px 0;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Equipment and Capability</span> <span>✕</span> </div> <p><input type="checkbox"/> N   Check if no surveillance equipment for the route to be flown is carried, or the equipment is unserviceable.</p> <p>LUB</p> <p>SSR Modes A and C</p> <p><input type="checkbox"/> A   Transponder Mode A (4 digits 4 096 codes)</p> <p><input type="checkbox"/> C   Transponder Mode A (4 digits 4 096 codes) and Mode C</p> <p>SSR Mode S</p> <p><input type="checkbox"/> E   Transponder Mode S, including aircraft identification, pressure-altitude and extended squitter (ADS-B) capability</p> <p><input type="checkbox"/> H   Transponder Mode S, including aircraft identification, pressure-altitude and enhanced surveillance capability</p> <p><input type="checkbox"/> I   Transponder Mode S, including aircraft identification, but no pressure-altitude capability</p> <p><input type="checkbox"/> L   Transponder Mode S, including aircraft identification, pressure-altitude, extended squitter (ADS-B) and enhanced surveillance capability</p> <p><input type="checkbox"/> P   Transponder Mode S, including pressure-altitude, but no aircraft identification capability</p> <p><input type="checkbox"/> S   Transponder Mode S, including both pressure altitude and aircraft identification capability</p> <p><input type="checkbox"/> X   Transponder Mode S with neither aircraft identification nor pressure-altitude capability</p> <div style="text-align: right; margin-top: 10px;"> <span>Set</span> </div> </div> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>For a description of items listed in windows refer to <b>chap. (page 129).</b></i></p> <p><i>For a description of working with the window, see <b>chap. 3.7.1.4 (page 145).</b></i></p> </div>

Control element (Aircraft parameter)	Description
	<p>Choose the letter N or other options. If N is unchecked, you can select 1 or more SUR equipments from the menu.</p> <p>Confirm the selection with the <b>SET</b> button. The letters of the selected options will be displayed in field SSR.</p>
<p><b>ADS - B/C</b></p>	<p>Enter the capabilities available on board.</p> <p>To choose from the offered items, click on the icon . The following window will appear.</p> <div style="border: 1px solid black; background-color: #2c3e50; color: white; padding: 10px; margin: 10px 0;"> <p style="text-align: right; margin: 0;">✕</p> <p><b>Equipment and Capability</b></p> <p>ADS-B</p> <ul style="list-style-type: none"> <li><input type="radio"/> B1   ADS-B with dedicated 1090 MHz ADS-B out capability</li> <li><input type="radio"/> B2   ADB-B with dedicated 1090 MHz ADS-B out and in capability</li> <li><input type="radio"/> U1   ADS-B out capability using UAT</li> <li><input type="radio"/> U2   ADS-B out and in capability using UAT</li> <li><input type="radio"/> V1   ADS-B out capability using VDL Mode 4</li> <li><input type="radio"/> V2   ADS-B out and in capability using VDL Mode 4</li> </ul> <p>ADS-C</p> <ul style="list-style-type: none"> <li><input type="radio"/> D1   ADS-C with FANS 1/A capabilities</li> <li><input type="radio"/> G1   ADS-C with ATN capabilities</li> </ul> <p style="text-align: right; margin: 0;">Set</p> </div> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>For a description of items listed in windows refer to <b>chap. (page 131)</b>.</i></p> <p><i>For a description of working with the window, see <b>chap. 3.7.1.4 (page 145)</b>.</i></p> </div> <p>You can perform one or more choices for any item.</p> <p>Confirm the selection with the <b>SET</b> button. The letters of the selected options will be displayed in field ADS - B/C.</p>
<p><b>Other COMM</b></p>	<p>Insert additional communication equipment carried by the aircraft.</p>
<p><b>Other NAV</b></p>	<p>Insert additional navigation equipment carried by the aircraft.</p>

Control element (Aircraft parameter)	Description
<p><b>Emergency radio</b></p>	<p>A. The aircraft is NOT carrying with an emergency radio.</p> <p>Leave the switch in the off state <input type="checkbox"/> and continue defining other aircraft parameters.</p> <p>B. The aircraft IS carrying with an emergency radio.</p> <p>Click on <input type="checkbox"/> switch and switch it to the on state <input checked="" type="checkbox"/>.</p> <p>Check one or more of the following options:</p> <ul style="list-style-type: none"> <li>• <b>UHF</b></li> <li style="padding-left: 20px;">A/C equipped with a radio transmitting in UHF band (300-3000 MHz)</li> <li>• <b>VHF</b></li> <li style="padding-left: 20px;">A/C equipped with a radio transmitting in VHF band (30-300 MHz)</li> <li>• <b>ELT</b></li> <li style="padding-left: 20px;">A/C equipped with Emergency Locator Transmitter</li> </ul>
<p><b>Survival equipment</b></p>	<p>A. The aircraft is NOT carrying survival equipment.</p> <p>Leave the switch in the off state <input type="checkbox"/> and continue defining other aircraft parameters.</p> <p>B. The aircraft IS carrying survival equipment.</p> <p>Click on <input type="checkbox"/> switch, switch it to the on state <input checked="" type="checkbox"/>.</p> <p>Check one or more of the following options:</p> <ul style="list-style-type: none"> <li>• <b>Polar</b></li> <li style="padding-left: 20px;">Polar survival equipment is carried by aircraft</li> </ul>

Control element (Aircraft parameter)	Description
	<ul style="list-style-type: none"> <li>• <b>Desert</b> Desert survival equipment is carried by aircraft</li> <li>• <b>Maritime</b> Maritime survival equipment is carried by aircraft</li> <li>• <b>Jungle</b> Jungle survival equipment is carried by aircraft</li> </ul>
<p><b>Life jackets</b></p>	<p>A. The aircraft is NOT carrying life jackets. Leave the switch in the off state <input type="checkbox"/> and continue defining other aircraft parameters.</p> <p>B. The aircraft IS carrying life jackets. Click on <input type="checkbox"/> switch, switch it to the on state <input checked="" type="checkbox"/>.</p> <p>Check one or more of the following options:</p> <ul style="list-style-type: none"> <li>• <b>Light</b> Life jackets with lights are carried by aircraft</li> <li>• <b>Fluorescein</b> Life jackets with fluorescein are carried by aircraft</li> <li>• <b>UHF</b> Life jackets transmitting UHF signals are carried by aircraft</li> <li>• <b>VHF</b> Life jackets transmitting VHF signals are carried by aircraft</li> </ul>

Control element (Aircraft parameter)	Description
<p><b>Dinghies</b></p>	<p>A. The aircraft is NOT carrying dinghies.</p> <p>Leave the switch in the off state <input type="checkbox"/> and continue defining other aircraft parameters.</p> <p>B. The aircraft IS carrying life dinghies.</p> <p>Click on <input type="checkbox"/> switch, switch it to the on state <input checked="" type="checkbox"/>.</p> <p>Define the following parameters:</p> <ul style="list-style-type: none"> <li>• <b>Number</b> Insert number of dinghies carried</li> <li>• <b>Capacity</b> Insert total capacity, in persons, of all dinghies carried</li> <li>• <b>Cover</b> Check the box if dinghies are covered</li> <li>• <b>Color</b> Insert colour of dinghies if carried</li> </ul>
<p><b>Fuel for taxiing</b></p>	<p>In the selected units, enter a total amount of fuel required to enable a pre-flight engine check, taxiing and take-off of departing aircraft</p>
<p><b>Fuel for landing</b></p>	<p>In the selected units, enter a total amount of fuel required to enable an approach, landing and taxiing of arriving aircraft.</p>
<p><b>IAS (cruise)*</b></p>	<p>In the selected units, enter a value of Indicated AirSpeed when en-route.</p>
<p><b>Fuel Burn (cruise)*</b></p>	<p>In the selected units, enter a value of average fuel consumption by aircraft when en-route.</p>
<p><b>Usable fuel</b></p>	<p>In the selected units, enter the total capacity of fuel tanks of your aircraft.</p>

Control element (Aircraft parameter)	Description
<b>Contingency fuel</b>	In the selected units, enter an amount of fuel required to compensate for unforeseen factors.
<b>Holding time</b>	In the selected units, enter an extra time for flying a hold (to delay arriving aircraft).
<b>Climb rate (sea level)*</b>	In the selected units, enter a value of climbing performance at sea level.
<b>IAS (climb)*</b>	In the selected units, enter a value of Indicated AirSpeed when climbing.
<b>Fuel Burn (climb)</b>	In the selected units, enter a value of average fuel consumption by aircraft when climbing
<b>Ceiling</b>	In the selected units, enter a value of aircraft's static ceiling.
<b>Climb rate (ceiling)</b>	In the selected units, enter a value of climbing performance at ceiling.
<b>Fuel Burn (ceiling)</b>	In the selected units, enter a value of average fuel consumption by aircraft when on ceiling.
<b>Descent rate*</b>	In the selected units, enter a value of descent speed.
<b>IAS (descent)*</b>	In the selected units, enter a value of Indicated AirSpeed when descending.
<b>Fuel Burn (descent)</b>	In the selected units, enter a value of average fuel consumption by aircraft when descending.

### 3.8. Briefing

Click on the / button of the **Briefing** item in the main menu of the PANSA IWB (PILOT Module) application to expand/collapse a submenu for provide specific information needed for flight planning.

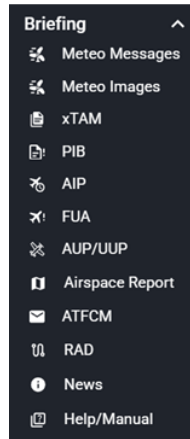


**Note**

*Availability and ordering of the functionalities in the submenu depends on the current configuration.*

*The function is available just for specified types of users.*








*For a description of the main menu, see **chap. 3.3 (page 30)**.*



**Fig. 3.48: Briefing Submenu**

The submenu may contain the following items:

Submenu Item	Description
<p><b>Meteo Messages</b></p>	<p>Open/Close the Meteo Messages window with a list of current weather messages.</p> <p>For a description of this window see <b>chap. 3.8.1 (page 251)</b>.</p>
<p><b>Meteo Images</b></p>	<p>Open/Close the Meteo Images window with a list of current weather images sorted by their source.</p> <p>For a description of this window see <b>chap. 3.8.2 (page 263)</b>.</p>
<p><b>xTAM</b></p>	<p>Open/Close the xTAM Messages window with the list of xTAM messages that are published and valid on a given day.</p> <p>For a description of this window see <b>chap. 3.8.3 (page 267)</b>.</p>

Submenu Item	Description
  <p style="text-align: center;"><b>PIB</b></p>	<p>Open/Close the PIB window to generate following PIB types:</p> <ul style="list-style-type: none"> <li>• AD</li> <li>• AREA</li> <li>• ROUTE</li> <li>• NARROW ROUTE</li> </ul> <p>For a description of this window see <b>chap. 3.8.4 (page 272)</b>.</p>
  <p style="text-align: center;"><b>AIP</b></p>	<p>Open/Close the AIP Documents window providing an access to paper documentation associated with operation of Aeronautical Information Services of Poland.</p> <p>For a description of this window see <b>chap. 3.8.5 (page 284)</b>.</p>
  <p style="text-align: center;"><b>FUA</b></p>	<p>Open/Close the FUA Messages window with a message list on flexible airspace allocation.</p> <p>For a description of this window see <b>chap. 3.8.6 (page 287)</b>.</p>
  <p style="text-align: center;"><b>AUP/UUP</b></p>	<p>Opens a separate window in a web browser with an external PANSA (AUP) application, that presents AUP/UUP information.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>The description of the PANSA (AUP) application is not the subject of this manual.</i></p> </div>
  <p style="text-align: center;"><b>Airspace Report</b></p>	<p>Opens a separate window in the web browser that presents the airspace situation in FIR in a map, for the current date and time (UTC).</p>
  <p style="text-align: center;"><b>ATFCM</b></p>	<p>Open/Close the ATFCM Messages window with a list of AIM and ANM messages.</p> <p>For a description of the Aircraft window see <b>chap. 3.8.7 (page 297)</b>.</p>
  <p style="text-align: center;"><b>RAD</b></p>	<p>Opens a separate window in a web browser with an external Route Availability Document (RAD) application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>The description of the RAD application is not the subject of this manual.</i></p> </div>

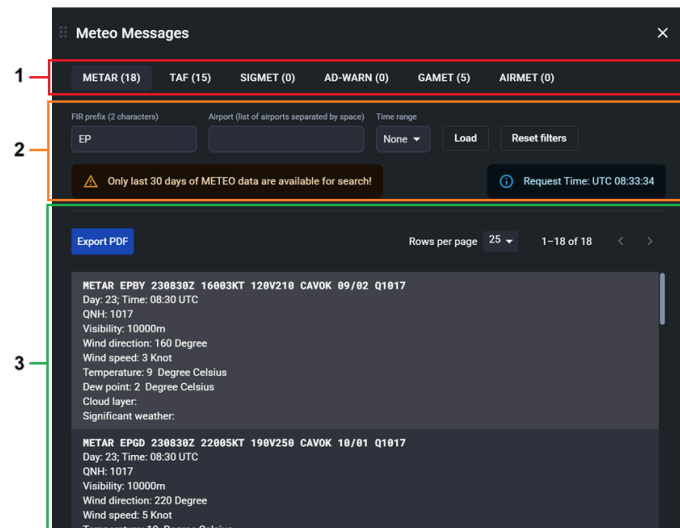
Submenu Item	Description
News	Open/Close the News window with a list of newsletters.
<b>News</b>	For a description of the Aircraft window see <b>chap. 3.8.8 (page 301)</b> .
Help/Manual	Opens a separate window in a web browser that contains an opened PDF of the PANSA IWB (PILOT Module) application user manual.
<b>Help/Manual</b>	

### 3.8.1. Meteo Messages

<b>Activation options:</b>	<p>- To open/close the <b>Meteo Messages</b> window (see the following figure) to view available current weather messages, <b>click the Meteo Messages</b> item in the <b>Briefing</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid black; background-color: #ffff00; padding: 5px; margin-top: 10px;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
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The **Meteo Messages** window provides a list of current weather messages in textual form.

The list is regularly updated and its content may vary depending on selection criteria (filters, see legend item (2) **chap. 3.8.1.2 (page 253)**) for messages retrieval set by the user.



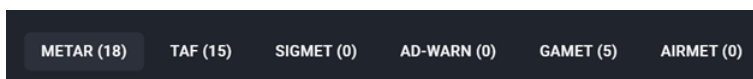
**Fig. 3.49: Meteo Messages window**

#### Legend:

1. Top **Menu Bar** of the window;

- See **chap. 3.8.1.1 (page 252)**.
2. **Filters** - Section for setting the display of the list of searched meteorological messages according to the filter.
- See **chap. 3.8.1.2 (page 253)**.
3. Section for a presentation of retrieved list of meteorological messages satisfying your selection criteria (see legend item (2)) and selected message type (see legend item (1)).
- See **chap. 3.8.1.3 (page 256)**.

### 3.8.1.1. Menu Bar of the Meteo Messages window



**Fig. 3.50: Top Menu Bar of the Meteo Messages window**

The menu contains items that present the following types of meteorological messages (in alphabetical order):

Message type	
<b>AD-WARN</b>	Meteorological warning due to hazardous weather phenomenon at the airport
<b>AIRMET</b>	AIRman's METeorological information
<b>GAMET</b>	Area forecast for low-level flights
<b>METAR</b>	<ul style="list-style-type: none"> <li>• Aviation routine weather report;</li> <li>• Meteorological aerodrome report;</li> </ul>
<b>SIGMET</b>	Significant Meteorological Information
<b>TAF</b>	Aerodrome Forecast (in meteorological code)

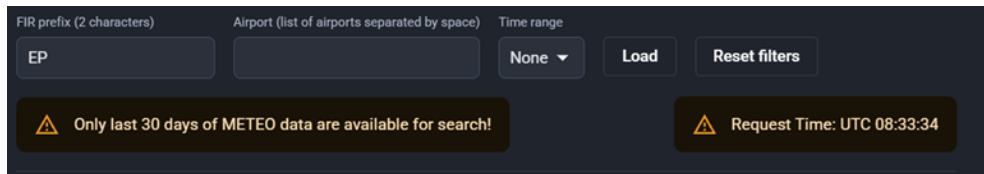


**Important**

For each menu item, the number of messages of that type displayed is shown.



**3.8.1.2. Meteo Messages Window Filter**



**Fig. 3.51: Filtering options of the Meteo Messages window**



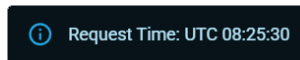
**Important**

Only **last 30 days** of Meteo data are available for search.

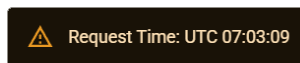


**Important**

In the right-hand corner, a window with the current time to which the messages in the list relate is displayed, see **fig. 3.49 (page 251)**.



After **one minute**, the time window display turns orange to indicate that the time is no longer current.



To update the list of messages reopen the window, change filters and press **Load** or **Reset filters**. After one of these actions request time notification will turn blue again.

Upon an entry of retrieval criteria (filters) all reports satisfying them will be listed in Section 3.

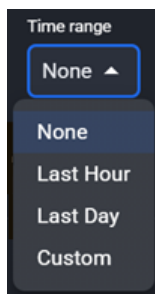
The following filtering options are available for reports retrieval:

- **FIR prefix (2 characters)** - enter a FIR prefix.

**Note**

*Max 2 characters.*

- **Airport (list of airports separated by space)** - enter ICAO designators of one or more aerodromes separated by space.
- **Time Range** - drop-down menu for selecting the filter time limit.



**Important**

*In the filter section on the left, the indicators of the time frame used will be displayed.*

Item	Description
<b>None</b>	Select an item to disable the display of items according to the filter settings.
<b>Last Hour</b>	Select an item to set the filter for messages posted in the last hour.
<b>Last day</b>	Select an item to set the filter for messages posted in the last day.
<b>Custom</b>	Select an item to set the filter for messages published in the time frame you specify using the Filter out in Meteo Viewer window".

**Filter out in Meteo Viewer**

Valid From: 2025-03-18T08:57

Valid Till: 2025-03-18T09:57

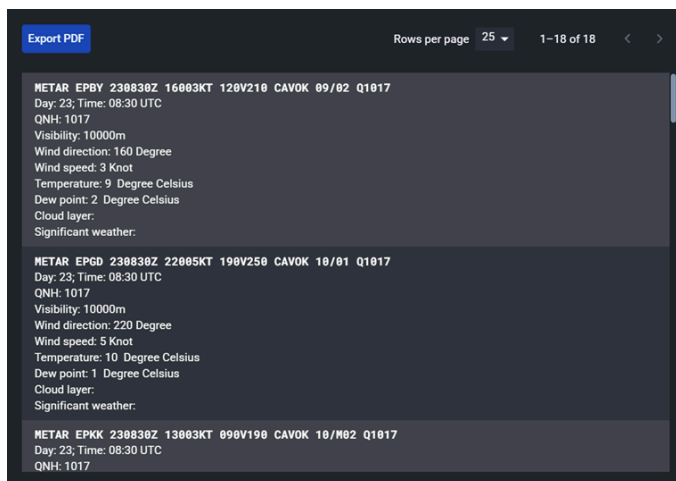
Item	Description	
	<b>Valid From</b>	Text field for setting the desired date and time from which published weather reports will be displayed (in Section 3, see <b>fig. 3.49 (page 251)</b> ).  In the filter section, a flag with the set time will be displayed (see below).
	<b>Valid Till</b>	Text field for setting the desired end date and time for which published weather reports will be displayed (in section 3 see <b>fig. 3.49 (page 251)</b> ).  In the filter section, a flag with the set time will be displayed (see below).
	<b>Close</b>	Button to close the window.

- **Action buttons** on the right side of the filter section:

Button	Description
<b>Load</b>	- Click the button to view the current messages in Section 3 (see <b>chap. 3.8.1.3 (page 256)</b> ) according to the filter settings and according to the selected message type (see legend (1) <b>chap. 3.8.1.1 (page 252)</b> ).
<b>Reset Filters</b>	- Click the button to clear the current filter settings.  All messages will be displayed according to the selected type (legend point (1), see <b>fig. 3.49 (page 251)</b> ).
	- Flags with set time intervals (see <b>chap. 3.8.1.4 (page 257)</b> ).  For resetting time filter and losing the flag/tag: <ul style="list-style-type: none"> <li>• Click the close button  in any time flag;</li> <li>• Select <b>None</b> in the <b>Time Range</b> drop-down menu;</li> <li>• Click <b>Reset Filters</b> (see above);</li> </ul> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px;"> <p><i>To reload the messages you need to press the <b>Load</b> button (see above).</i></p> </div>

### 3.8.1.3. Displaying meteorological messages

Meteo messages are displayed according to the set filter criteria (see **chap. 3.8.1.2 (page 253)**) and the selected message type in the menu (see **chap. 3.8.1.1 (page 252)**).



The following possibilities may occur when displaying Meteo messages:

- The filter is NOT SET**

The resulting list automatically contains the current messages for the selected weather message type.
- The filter IS SET**

Using the **Load** button, only messages that match the filter settings will be displayed in the resulting list of messages of the selected type.

  - If an area is entered in the **FIR prefix** field, only messages for that area will be displayed.
  - If airport(s) are entered in the **Airport** field, only messages for the respective airport(s) will be displayed.
  - If values are entered in the **Time Range** field, only messages that match the specified time criteria will be displayed.

**Important**

*Only last 30 days of Meteo data are available for search.*

- The message list is updated (new messages are loaded) and the **Request Time** field is changed to the current time (section (2), see **chap. 3.8.1.2 (page 253)**):
  - by pressing the **Load**;
  - by pressing the **Reset Filters**.



**Note**

*The displayed text weather messages according to the selected type and the set filter criteria are sorted from the top from the most recent in descending order.*

*If no meteorological messages are available, **Nothing found** is displayed.*

The list header contains the following items:

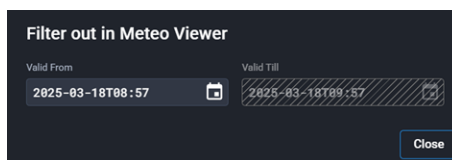
Item	Description
<b>Export PDF</b>	Click the button to display the standard system window for exporting the list to PDF.
<b>Rows per page:</b>	List pagination (see <b>chap. (page 262)</b> ).

### 3.8.1.4. Procedures for setting the display of Meteo Messages

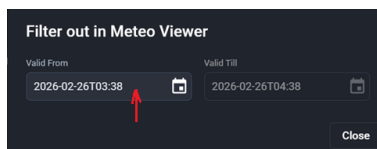
#### Example of time filter setting



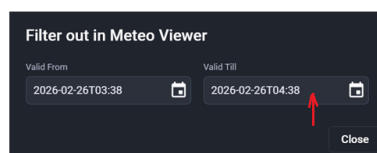
1. Select **Custom** in the **Time Range** drop-down menu;
2. The **Filter out in Meteo Viewer** window will be displayed to set the time filter.



- In the **Valid From** text box, set the desired date and time (see **chap. (page 259)**) from which the required messages will be displayed in section (3) (see **fig. 3.49 (page 251)**).



- In the same way (step 2) you can select the date and time in the **Valid Till** field for which the displayed messages were issued.

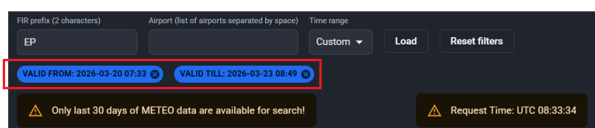


### Important

*If you don't select it, all messages up to the date and time displayed in the time window or from the last date and time used will be displayed automatically.*

3. Press the **Close** button. The **Filter out in Meteo Viewer** window will close.

In the filter section on the right, the indicators of the time frame used will be displayed.



4. In Section 3 (see **fig. 3.49 (page 251)** ), after pressing the **Load** button, the messages falling under the applied filter will be displayed.

## Setting the date and time

The date and time value is in the **YYYY-MM-DD hh:mm** format:

- **DD** is the calendar day;
- **MM** is the calendar month;
- **YYYY** is the calendar year;
- **hh** is hour;
- **mm** is minute;



### Note

*The procedure below is for the use of the mouse.*


*To make settings using the keyboard, use the following keys:*

<b>Tab</b>	<i>Move the action (editing) forward to the <b>next</b> control element (e.g. text box, button, icon, etc.).</i>
<b>Shift + Tab</b>	<i>Move the action (editing) forward to the <b>previous</b> control element (e.g. text box, button, icon, etc.).</i>
<b>Arrow keys</b>	<i>Move the action (edit) <b>up/down/right/left</b> through the items in the list.</i>
<b>Enter</b>	<i><b>Confirm</b> an action on the selected control (e.g. pressing the <b>OK</b> button, marking the selected item in the list, etc.).</i>

### Procedure:



1. To select (set) the date and time:

- Enter the desired values in the text box, or
- Click on the  icon (1);

A. The following window will open.

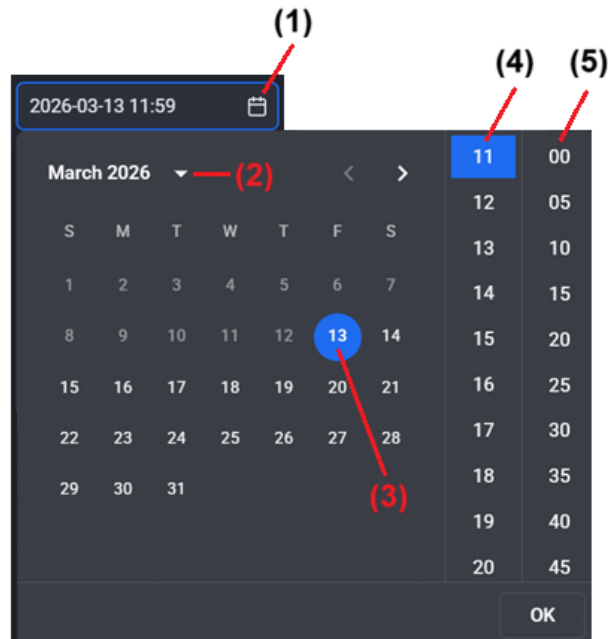

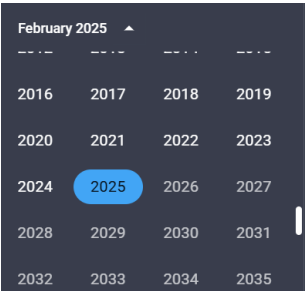
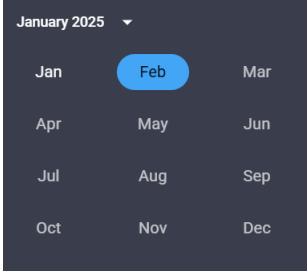

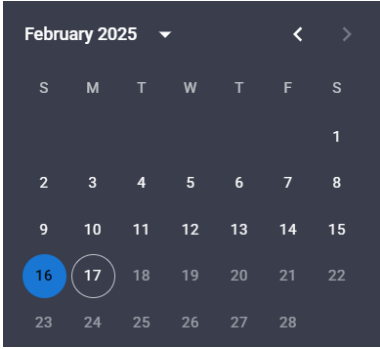




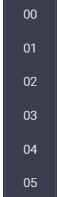


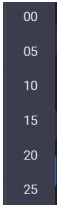
Fig. 3.52: Window for setting the date and time

B. Click the items in the window to select the desired date and time.

**Description of control elements:**

Control element	Description
	<p>Icon to display calendar years to select a specific year.</p> <div style="text-align: center;">  </div> <p>After selecting the year, a panel for selecting the month is displayed.</p>

Control element	Description
	
	<ul style="list-style-type: none"> <li>• If you have not selected a specific year, click the ▲ button to display panel with months. To show calendar days select month of the year to continue.</li> <li>• In the calendar days (2) of days panel, select a specific day in the selected month and year.</li> </ul>  <p><b>Legend:</b></p> <ul style="list-style-type: none"> <li> Current calendar day.</li> <li> Selected calendar day.</li> </ul>
	<p>The icon to display the days of the previous calendar month.</p>
	<p>The icon to display the days of the next calendar month.</p>
	<p>The list (4) for selecting hours.</p> <p>If you are using a mouse, you can scroll through the content of the list by scrolling the mouse wheel.</p>

Control element	Description
	<p>The list (5) for selecting minutes. The menu consists of values 5 minute apart.</p> <p>If you are using a mouse, you can scroll through the content of the list by scrolling the mouse wheel.</p> <p>Selecting the minute will close the date and time setting window and the selected data will be displayed in the corresponding field of the form.</p>

## List Pagination

Pagination is the automatic division of a list into individual pages according to the number of rows.

The predefined pagination setting, location, set of controls and availability for the respective list depends on the current application configuration.

You can change the pagination settings while you are working with a given list.



### Important

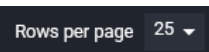
*Pagination is displayed for the list for which it is enabled.*

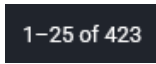



*This depends on the current application configuration.*



**Fig. 3.53: Example of the controls for list paging**

Description of control elements:

Control Element	Description
	<p>Drop-down list to set the maximum number of rows per page.</p> <ul style="list-style-type: none"> <li>• 25</li> <li>• 50</li> <li>• 100</li> <li>• All</li> </ul>

Control Element	Description
	The predefined or currently selected number is displayed.  <b>Click the numeric value</b> to display the menu and select a value.
	Information about the range of currently visible rows out of total number.
	Buttons to scroll on each page of the list:  <ul style="list-style-type: none"> <li> <b>Forward</b></li> <li> <b>Backward</b></li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <i>The button is active if scrolling forward/backward is possible.</i> </div>

### 3.8.2. Meteo Images

<p><b>Activation options:</b></p>	<ul style="list-style-type: none"> <li>- To open/close the <b>Meteo Images</b> window (see the following figure) to view available current weather images, <b>click</b> on the <b>Meteo Images</b> item in the <b>Briefing</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i> </div>
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**Meteo Images** window enables to view available current weather images (e.g. images received from satellites and radar systems, meteorological charts, etc.).

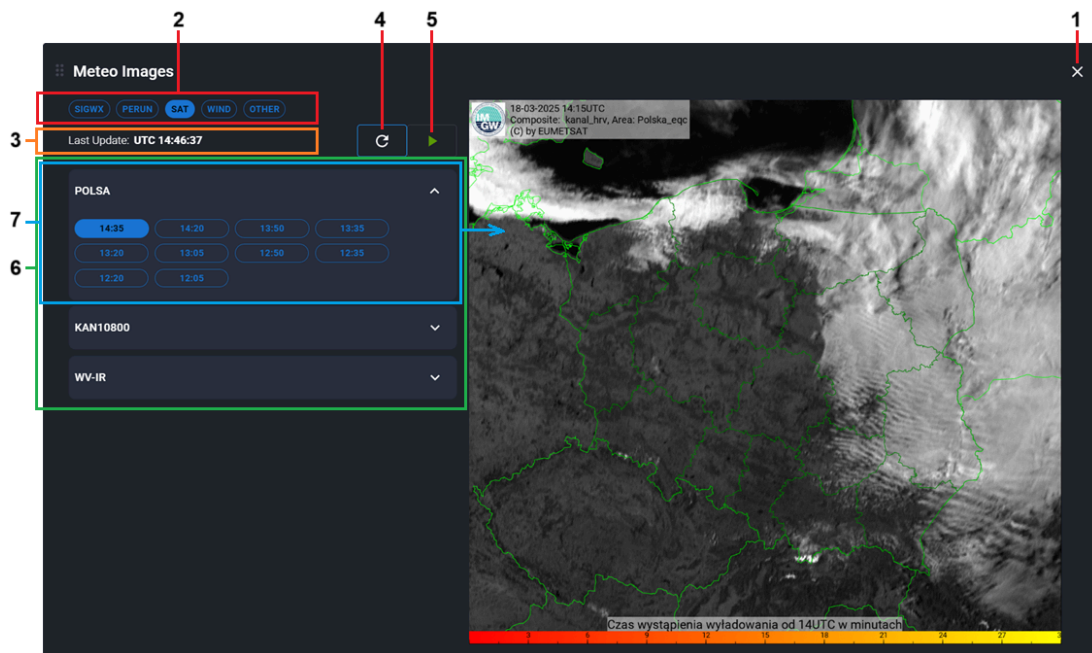


Fig. 3.54: Meteo Images window

**Legend:**

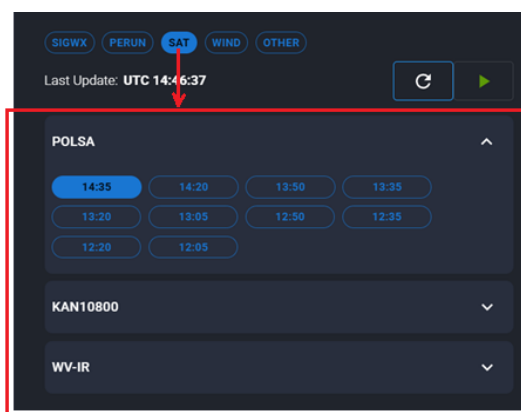
1. Click on the button to close the window.
2. **Type of weather images**


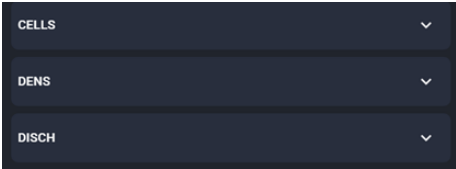
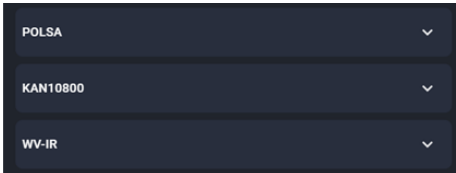
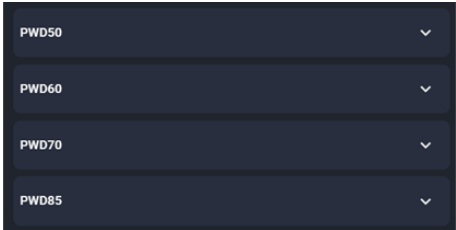
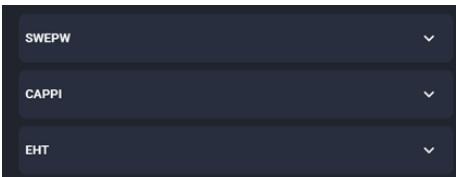


Click on the respective toggle button to select the desired type of weather images.

For the selected type, a list of categories into which the images are classified is displayed.

The first category is automatically expanded and the most recent image from that category is displayed (the following image and the item 6).




Toggle button Type of weather images	Categories of images
<p><b>SIGWX</b></p> <p>Significant Weather Chart defined by ICAO</p>	
<p><b>PERUN</b></p> <p>Precipitation/ Cloud maps</p>	
<p><b>SAT</b></p> <p>Satellite images</p>	
<p><b>WIND</b></p> <p>Wind maps</p>	
<p><b>OTHER</b></p> <p>Other weather maps/images</p>	

3. **Time (UTC) of the latest data update** presented in the window.

Last Update: **UTC 14:46:37**

If newer data is available, the last update time will be highlighted.

4. **Data updating**

Click on the  button to update the data presented in the window.

5. **Replaying** (play/stop)

Click on the button to **play** a meteorological animation within the selected category (item 6).

Click on the button to **stop** a meteorological animation.

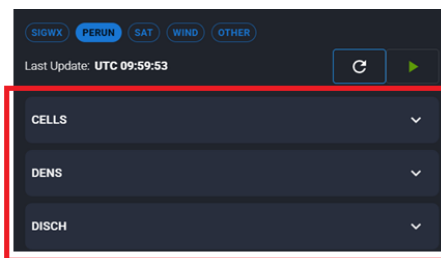
**Important**

*The animation runs from the oldest to the newest image in the respective category.*

6. **Categories of weather images**

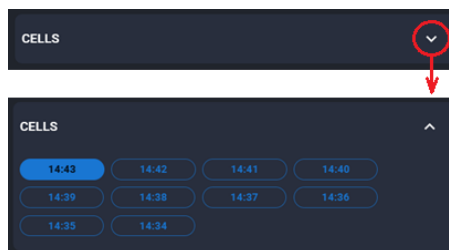
The categories are displayed according to the selected type of meteorological images (item 2).

The following pictures show a sample of the PERUN meteorological image categories.



Click on the button to **expand** the list of images in a respective category.

Click on the button to **collapse** the list of images in a respective category.

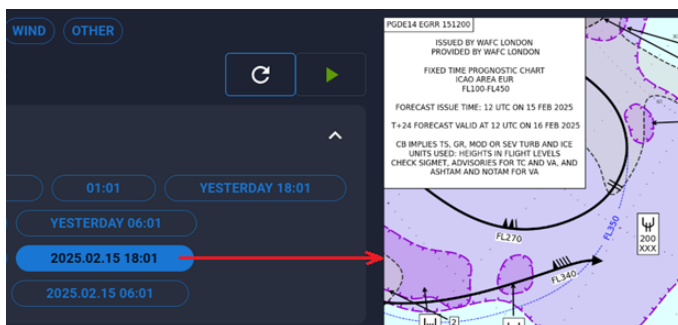


Each image in the category has its own button with the date (day) and time of image creation.

The button of the currently displayed image has a highlighted background.



The image is displayed by clicking its respective button.



### 3.8.3. xTAM

<p><b>Activation options:</b></p>	<ul style="list-style-type: none"> <li>- To open/close the <b>xTAM Messages</b> window (see the following figure) to display a list of published xTAMs valid on a given day, <b>click on the xTAM</b> item in the <b>Briefing</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</li> </ul> <p>To close the <b>xTAM Messages</b> window, you can also use its close button </p> <p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px; margin-top: 10px;"> <p><i>To close the window, you can also use its close button </i></p> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
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**xTAM Messages window** enables to display a list of xTAM messages that are published and valid on a given day or according to the set filter.

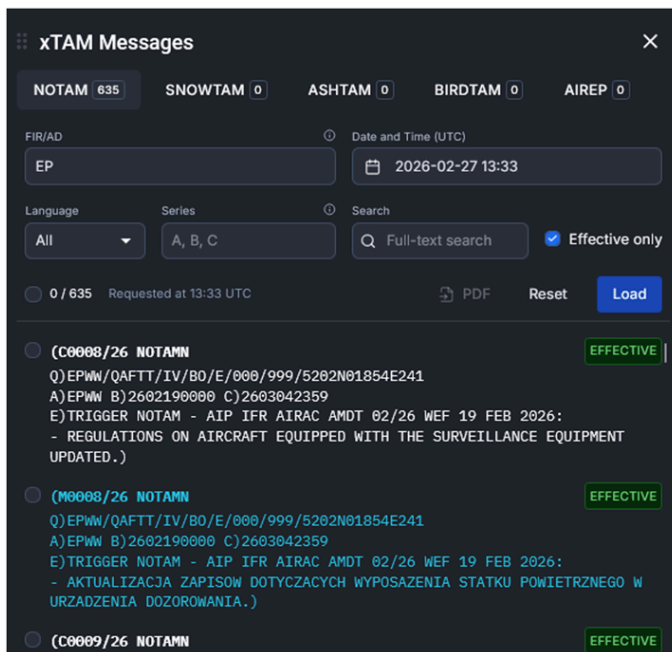


Fig. 3.55: Sample of the xTAM list



**Note**

*The set of switches (i.e. which types of xTAM messages are presented in the application) and their order depends on the current configuration of the application.*

*Both effective and valid NOTAMs are displayed in the NOTAM messages list.*

*These message types are colour-coded with the colours being pre-set in the configuration file.*

**Displaying the desired type of xTAM messages in the list**

Click on the xTAM toggle button (e.g. NOTAM) to display desired xTAM messages in the list.

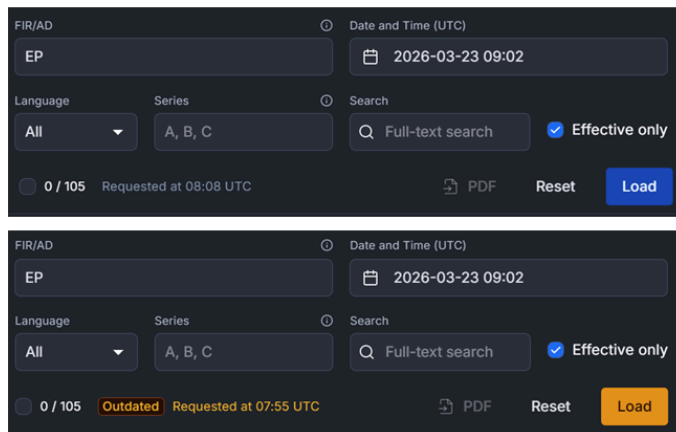
**The following actions can be performed on the xTAM list:**

- filtering of xTAMs in the list, see **chap. 3.8.3.1 (page 269)**
- **export** the currently displayed list to PDF, see **chap. 3.8.3.2 (page 271)**

### 3.8.3.1. Filtering of the xTAM List

Message filters are displayed in the upper part of the xTAM list (see the following figure).


Only xTAMs fulfilling the filter criteria are listed in the window.



**Fig. 3.56: Filtering of the xTAM List**

Description of control elements:

Control Element	Description
<p><b>AD/FIR</b></p>	<p>Text field to filter xTAMs by an ICAO designator of an aerodrome/FIR; you can insert 2-4 characters (e.g. EP or EPWW). The predefined value displayed automatically upon opening the window is configured, and can be edited.</p> <p><b>To apply the filter</b>, click on the <b>Refresh</b> button or press the <b>Enter</b> key.</p>
<p><b>Language</b></p>	<p>Filter xTAMs by the message text language. Select the respective language from the menu, or select <b>All</b> item to display all currently available messages.</p> <p><b>To apply the filter</b>, click on the <b>Refresh</b> button.</p>
<p><b>Series</b></p>	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The function IS available for the NOTAM list.</i></p> </div> <p>Text field to filter NOTAMs by their message series (e.g. A).</p> <p><b>To apply the filter</b>, click on the <b>Refresh</b> button or press the <b>Enter</b> key.</p>

Control Element	Description
<p><b>Search</b></p>	<p>Text field to filter xTAMs by inserted text string.</p> <p>The filter is applied automatically when typing into the field.</p>
<p><b>Effective only</b></p>	<p>Check the box <input checked="" type="checkbox"/> if you want to display only effective messages in the xTAMs list.</p> <p>Filtering is performed automatically by checking/unchecking the box.</p>
<p><b>Date and Time (UTC)</b></p>	<p>Text fields to enter the date and time for which messages are to be displayed in the corresponding xTAM list.</p> <p><u>You can enter the value in the following ways:</u></p> <p>A. <b>Click in the field</b> to enter the value using the keyboard.</p> <p>B. <b>Click on the </b> icon to insert a value by selecting from the calendar.</p> <div style="text-align: center;"> </div> <p><b>To apply the filter</b>, click on the <b>Refresh</b> button or press the <b>Enter</b> key.</p>
<p><b>Load</b></p>	<p><b>Note</b></p> <div style="border: 2px solid orange; padding: 10px; margin: 10px 0;"> <p><i>The Load button is active after a change in the following filter items:</i></p> <ul style="list-style-type: none"> <li>• <b>Series</b></li> <li>• <b>AD/FIR</b></li> <li>• <b>Date and Time (UTC)</b></li> </ul> </div> <p>Button to refresh/update the xTAM list according to the selected filter.</p>
<p><b>Requested at hh:mm UTC</b></p>	<p>UTC time of the last refresh/update of the relevant xTAM list.</p>

Control Element	Description
<b>PDF</b>	Button to export the currently selected (marked) messages in the list to a PDF document.  You can save the document as a soft/hard copy.
<b>Reset</b>	The button resets the current filter settings to the default values.
<div style="border: 1px solid black; padding: 5px; width: fit-content;">0 / 107</div> Select all	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input checked="" type="checkbox"/> 107 / 107   <input type="checkbox"/> 0 / 107   <input checked="" type="checkbox"/> 1 / 107                     </div> <div> <p>Check the box to <b>select</b> (mark) all messages in the xTAM message list.</p> <p>Uncheck the box to <b>deselect</b> (unmark) all messages in the message list.</p> <p>Indication that at least one message is currently selected/ marked in the list.</p> <p><b>Number S/T</b></p> <p><b>S</b> The number of currently <b>Selected</b> (marked) messages in the message list.</p> <p><b>T</b> <b>Total</b> number of messages in the message list.</p> </div> </div>

### 3.8.3.2. Export xTAM(s) to PDF

To export selected messages from the currently displayed list of xTAM messages (e.g. SNOWTAM) to a PDF file, check  the messages in the list and click on the PDF button.

The export is performed and, depending on your web browser settings, the created PDF file may be automatically saved to the Downloads directory.

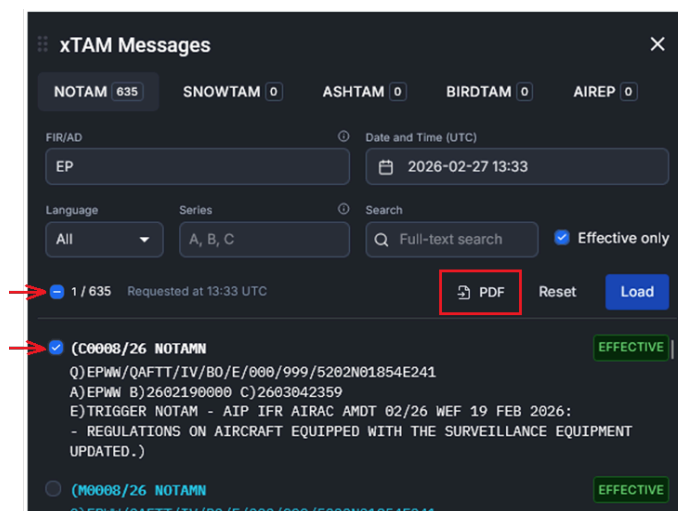
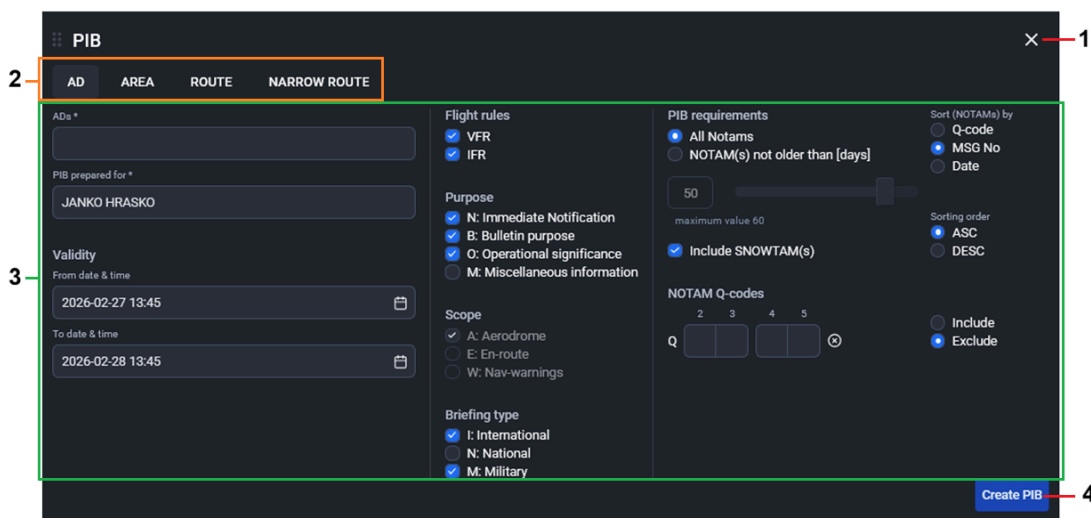


Fig. 3.57: The Export PDF button

### 3.8.4. PIB

<p><b>Activation options:</b></p>	<p>- To open/close the <b>PIB</b> window (see the following figure) to generate a PIB, <b>click</b> on the <b>PIB</b> item in the <b>Briefing</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; text-align: center;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
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**PIB window** provides a set of control elements to specify a content of PIB followed by its generation in PDF file format.



**Fig. 3.58: PIB window**

**Legend:**

1. Click on the button to close the window.
2. **PIB Menu** – the pane containing forms for a completion of the following types of PIB:
  - **AD** - Aerodrome PIB;
  - **AREA** - Area/FIR PIB;
  - **ROUTE** - Route PIB;
  - **NARROW ROUTE** - Narrow Route PIB;
3. **PIB parameters** - the pane listing items (attributes) to be included in a PIB (form) selected in (point [2] of the legend).

The items they may be contained in PIB are described in **chap. 3.8.4.2 (page 274)**.

4. **Create PIB** – press the button to open a window showing the newly generated PIB (as specified in point [3] of the legend) in PDF file format for saving it as a soft/hard copy.

At the same time, the file will be, automatically sent to the e-mail box of a logged-in user.

#### Note

*The **Create PIB** button is active only when mandatory parameters in the PIB form (point [3] of the legend) are filled in (e.g. ADs, ADEP, ADES etc.) .*

*If any of the mandatory PIB parameters is not defined, the respective field or parameter name is highlighted in red.*

#### Note

*Should the export of PIB (to PDF) take more time than convenient, the PIB will be sent to the user's e-mail box without displaying it on the screen*

### 3.8.4.1. NOTAM Sorting Order

NOTAM messages are sorted in PIB in the following order of precedence:

- AD messages (for aerodromes);
- Route messages (for FIRs and aerodromes);
- Nav-Warnings (for FIRs and aerodromes);

NOTAMs can be in PIB sections listed in one of the following sorting orders:

- If Sorting Indicator by **Q-Code** is active, NOTAMs are listed in ascending or descending alphabetical order (**ASC/DESC** toggle);
- If Sorting Indicator by **MSG-No** is active, NOTAMs are listed in ascending or descending order (**ASC/DESC** toggle) by their sequence number (SEQ NO);
- If Sorting Indicator by **Date** is active, NOTAMs are listed in ascending or descending order (**ASC/DESC** toggle) by the date/time of their validity commencement;

While producing PIB you can retrieve and include, in PIB the valid SNOWTAM messages for selected aerodromes at the given time.

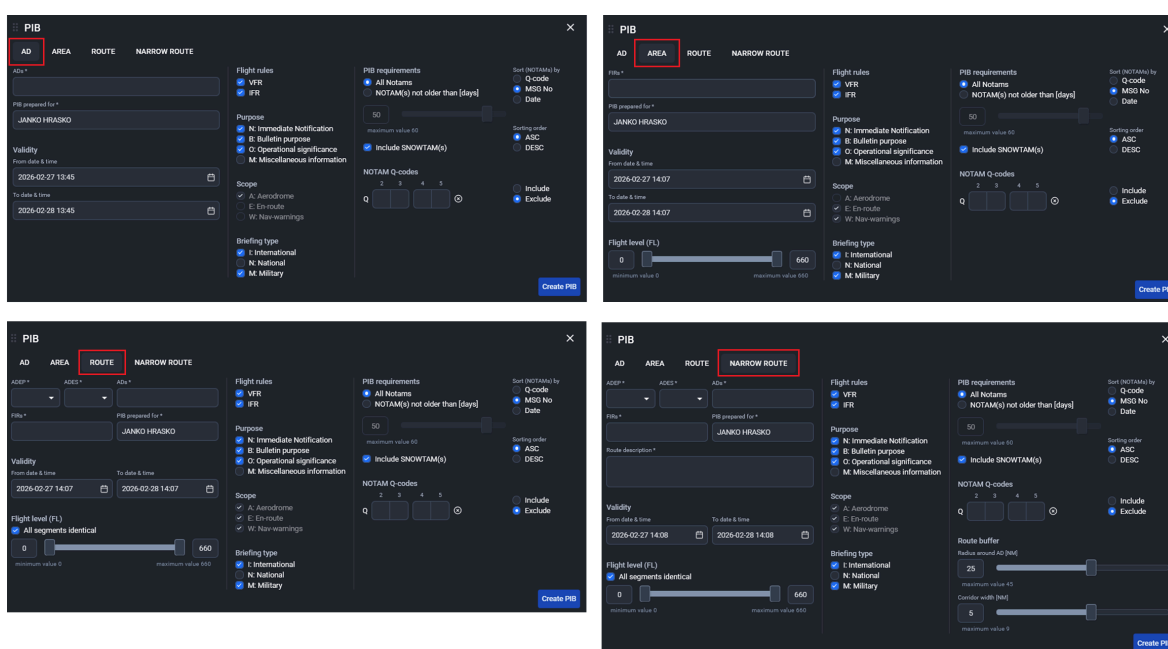
SNOWTAM is a special NOTAM series notifying a presence or elimination of hazardous conditions associated with snow, slush and ice on the movement areas of an airport.

If no SNOWTAM is issued such aerodrome is assigned indicator: 'SNOWTAM: NIL'.

### 3.8.4.2. List of parameters for creating a PIB report

The PIB window contains parameters according to the selected PIB form:

- AD
- AREA
- ROUTE
- NARROW ROUTE



The following list of all Attributes/Items describes all possible parameters that can be used to generation a PIB:

### ADEP/ADES



#### Note

*The parameter is only in the ROUTE and NARROW ROUTE form.*

Enter the ICAO code of departure (**ADEP**) and destination (**ADES**) aerodrome for which the NOTAMs are to be retrieved and included in PIB.

## ADs (Aerodromes)



### Note

*The parameter is only in the AD and NARROW ROUTE form.*

Enter a list of ICAO designators of aerodromes satisfying sorting criteria for NOTAM inclusion into the PIB.

Aerodrome designators shall be separated from each other by a space character (e.g. EPWA EPWI EPLL).

## FIRs (Flight Information Regions)



### Note

*The parameter is only in the AREA, ROUTE a NARROW ROUTE form.*

Enter a list of ICAO designators of FIRs satisfying sorting criteria for NOTAM inclusion into the PIB.

FIR designators shall be separated from each other by a space character (e.g. LZBB EPWW).

## Route description



### Note

*The parameter is only in the NARROW ROUTE form.*

Type details on flight route.

## PIB prepared for



### Note

*The parameter is only in the AD, AREA, ROUTE a NARROW ROUTE form.*

Enter a name/title of a person/entity to whom the PIB concerns. The name will be shown in the PIB header.



### Note

*The name of the currently logged-in user is pre-filled by default, see **chap. 3.6.2 (page 98)**.*

## Flight Level (FL)



### Note

*For the parameter in the AREA form.*

Specify the FL limit satisfying sorting criteria for NOTAM inclusion into PIB, i.e., insert values of the actual vertical FL interval taking into consideration a specified FPL buffer zone by:

- entering a value in the text box;
- by moving the slider.

If the sorting criterion for NOTAMs is FIR, the selected NOTAMs shall satisfy values specified for FL limit regardless of an aerodrome.

However, if a sorting criterion is AD, the selected NOTAMs are not checked for FL limit, just whether or not they relate to a specified aerodrome.

## Flight Level (FL)



### Note

*For the parameter in the ROUTE a NARROW ROUTE form.*

Set the same FL limit for the entire flight route, i.e. for all route segments by marking the "**All segments identical**" check box.

As a consequence, the FL values inserted for the first route segment will be automatically applied to the all remaining segments.

When "**All segments identical**" check box is unmarked, insert individually FP values for:

- **First SEG** - the first segment (First SEG);
- **Mid SEGs** - middle segments;
- **Last SEG** - last segment;

The FL limit set in this way is the actual vertical FL interval taking into consideration a specified FPL buffer zone (see **the section called "Route Buffers" (page 280)**) for which the NOTAMs will be retrieved and included in PIB, by:

- entering a value in the text box;
- by moving the slider.



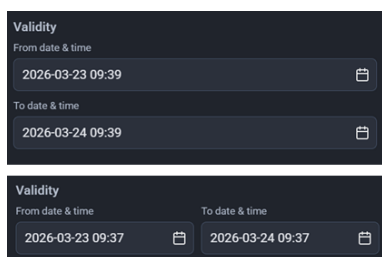
**Note**

*FPL buffer zone is available for existing FPL only, not for manually filled PIB (NARROW ROUTE).*

If the sorting criterion for NOTAMs is FIR, the selected NOTAMs shall satisfy values specified for FL limit regardless of an aerodrome.

However, if a sorting criterion is AD, the selected NOTAMs are not checked for FL limit, just whether or not they relate to a specified aerodrome.

**Validity**



Enter the start date/time (From) and end date/time (To) of NOTAM validity.

- date From date/To date (settings see **chap. (page 259)**);
- time From time/To time (settings see **chap. (page 259)**);

**Briefing Type**

Select the type of NOTAM briefing for an inclusion into PIB; available options: International series, national series, military briefing

**Flight Rules**

A selection of flight rules according to the weather conditions. If no selection is made, NOTAMs will not be sorted by flight rules.

Parameter	Description
<b>V: VFR</b>	- NOTAMs selection for VFR flight
<b>I: IFR</b>	- NOTAMs selection for IFR flight

## Scope

It specifies a scope of the PIB. This non-editable item relates the NOTAM subject to a specific scope. It is automatically set according to a category/section under which the NOTAM is presented inside a PIB (item [2] of the legend, see **fig. 3.58 (page 272)**).

Parameter	Description
<b>A: Aerodrome</b>	- Aerodrome: Retrieval of NOTAMs referring to the scope of aerodromes
<b>E: En-Route</b>	- En-route: Retrieval of NOTAMs referring to the scope of en-route information
<b>W: Nav-Warnings</b>	- Warning: Retrieval of NOTAMs referring to the scope of navigation warnings.  Such NOTAMs will be inserted at the end of the PIB.  Messages will be retrieved separately for FIR and AD.

## Purpose

Purpose relates NOTAM to certain purposes, allowing users to define retrieval criteria in accordance with their requirements.

Parameter	Description
<b>N: Immediate Notification</b>	- NOTAM selected for the immediate attention of aircraft operators
<b>B: Bulletin Purpose</b>	- NOTAM selected for standard PIB entry
<b>O: Operational Significance</b>	- NOTAM contains operationally significant information referring to flight operations
<b>M: Misc. Information</b>	- NOTAM contains "miscellaneous" information referring to aerodrome and will not be included in PIB unless specifically requested.  NOTAM contains "miscellaneous" information referring to FIR and will not be included in PIB unless specifically requested.  NOTAM contains "miscellaneous" information referring to warnings and will not be included in PIB unless specifically requested.

## PIB Requirements

Select sorting criteria for an inclusion of NOTAM messages in a PIB.

Parameter	Description
<b>All NOTAM(s)</b>	<ul style="list-style-type: none"> <li>- Enable toggle button if you wish to retrieve 'All NOTAMs' for inclusion into PIB</li> </ul>
<b>NOTAM(s) not older than [days]</b>	<ul style="list-style-type: none"> <li>- Enable toggle button if you wish to retrieve 'NOTAMs not older than' a specified number of days for inclusion in PIB.</li> </ul> <p>To set the number of days (1) type numerals into text field, or (2) use a slider.</p>
<b>Include SNOWTAMs</b>	<ul style="list-style-type: none"> <li>- Check the box if you wish to include SNOWTAM messages from the PIB.</li> </ul>
<b>Sort (NOTAMs) by</b>	<ul style="list-style-type: none"> <li>- Select the option to sort NOTAMs for an inclusion in a PIB by:                             <ul style="list-style-type: none"> <li>• <b>Q-Code</b> - the Q-code alphabetical order;</li> <li>• <b>MSG No</b> - the sequence number (SEQ NO/SN) of NOTAM message;</li> <li>• <b>Date</b> - the date and time of NOTAM validity commencement;</li> </ul> </li> </ul>
<b>Sorting order</b>	<ul style="list-style-type: none"> <li>- Select the option to list NOTAMs in a PIB in:                             <ul style="list-style-type: none"> <li>• <b>ASC</b> – NOTAMs are listed in ascending order for an active "Sort (NOTAMs) by" option (see above);</li> <li>• <b>DESC</b> - NOTAMs are listed in descending order for an active "Sort (NOTAMs) by" option (see above);</li> </ul> </li> </ul>

## NOTAM Q-Codes

Select NOTAMs for an inclusion in/ exclusion form a PIB by Q-Code filter. To do this, enter the Q-Code to the "Q" text boxes. To delete the inserted Q-Code value use button.

Parameter	Description
<b>Include</b> Q-codes	- Include into PIB only NOTAMs with specified Q-Code values
<b>Exclude</b> Q-codes	- Exclude from PIB the NOTAMs with specified Q-Code values

## Route Buffers



### Note

*The parameter is only in the NARROW ROUTE form.*

Parameter	Description
<b>Corridor width [NM]</b>	- Enter a value of the width of FPL Buffer Zone.
<b>Radius around AD [NM]</b>	- Enter a value of the radius of the circle representing an aerodrome area.

### 3.8.4.3. Setting the date and time

The date and time value is in the **YYYY-MM-DD hh:mm** format:

- **DD** is the calendar day;
- **MM** is the calendar month;
- **YYYY** is the calendar year;
- **hh** is hour;
- **mm** is minute;



**Note**


*The procedure below is for the use of the mouse.*

*To make settings using the keyboard, use the following keys:*

<b>Tab</b>	<i>Move the action (editing) forward to the <b>next</b> control element (e.g. text box, button, icon, etc.).</i>
<b>Shift + Tab</b>	<i>Move the action (editing) forward to the <b>previous</b> control element (e.g. text box, button, icon, etc.).</i>
<b>Arrow keys</b>	<i>Move the action (edit) <b>up/down/right/left</b> through the items in the list.</i>
<b>Enter</b>	<i><b>Confirm</b> an action on the selected control (e.g. pressing the <b>OK</b> button, marking the selected item in the list, etc.).</i>

**Procedure:**



1. To select (set) the date and time:
  - Enter the desired values in the text box, or
  - Click on the  icon (1);

A. The following window will open.

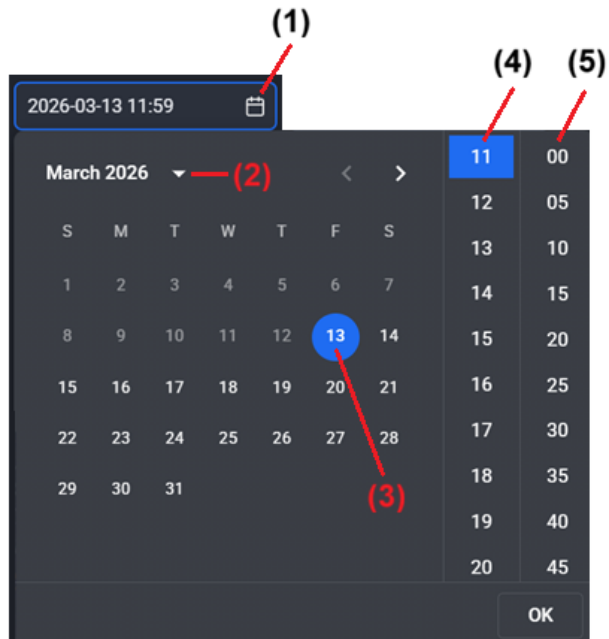

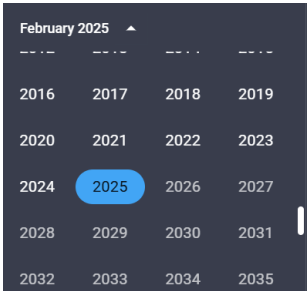
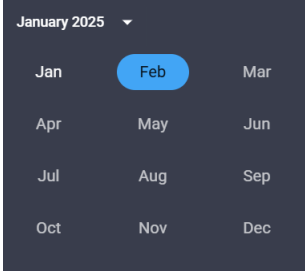

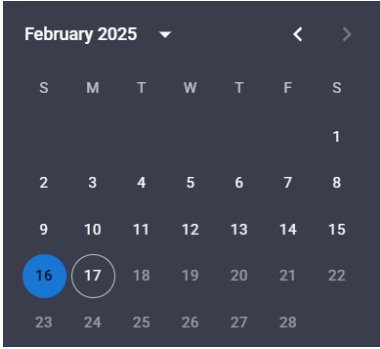




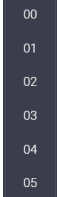


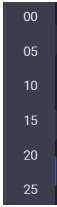
Fig. 3.59: Window for setting the date and time

B. Click the items in the window to select the desired date and time.

**Description of control elements:**

Control element	Description
	<p>Icon to display calendar years to select a specific year.</p> <div style="text-align: center;">  </div> <p>After selecting the year, a panel for selecting the month is displayed.</p>

Control element	Description
	
	<ul style="list-style-type: none"> <li>• If you have not selected a specific year, click the ▲ button to display panel with months. To show calendar days select month of the year to continue.</li> <li>• In the calendar days (2) of days panel, select a specific day in the selected month and year.</li> </ul>  <p><b>Legend:</b></p> <ul style="list-style-type: none"> <li> Current calendar day.</li> <li> Selected calendar day.</li> </ul>
	<p>The icon to display the days of the previous calendar month.</p>
	<p>The icon to display the days of the next calendar month.</p>
	<p>The list (4) for selecting hours.</p> <p>If you are using a mouse, you can scroll through the content of the list by scrolling the mouse wheel.</p>

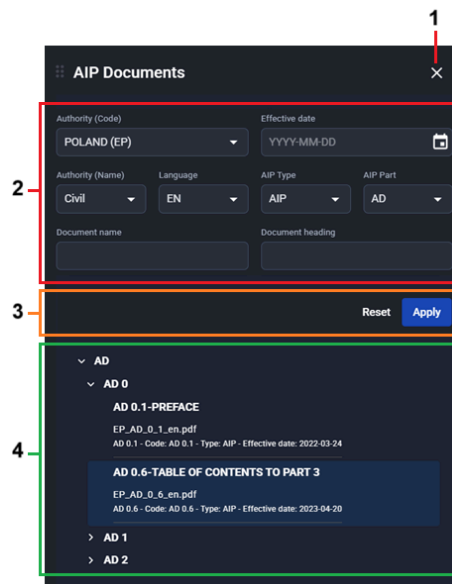
Control element	Description
	<p>The list (5) for selecting minutes. The menu consists of values 5 minute apart.</p> <p>If you are using a mouse, you can scroll through the content of the list by scrolling the mouse wheel.</p> <p>Selecting the minute will close the date and time setting window and the selected data will be displayed in the corresponding field of the form.</p>

### 3.8.5. AIP

<p><b>Activation options:</b></p>	<ul style="list-style-type: none"> <li>- To open/close the <b>AIP</b> window (see the following figure) for viewing AIP documents, <b>click</b> on the <b>AIP</b> item in the <b>Briefing</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</li> </ul> <p><b>Note</b></p> <div style="border: 1px solid black; background-color: #ffffcc; padding: 5px; margin-top: 10px;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
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**AIP window** provides an access to such documents as regulations, procedures, charts and other information pertinent to flying aircraft in the particular country to which it relates.

The window allows you to view the contents of the selected document in PDF format.



**Fig. 3.60: AIP window**

**Legend:**

1. Click on the  button to close the window.
2. **AIP document filter**

A section to set filtering criteria to be used for a retrieval of AIP documents.

Control element	Description
<b>Filtering criteria</b>	
<b>Authority (Code)</b>	- Drop-down list to select the country that issued the AIP.
<b>Effective date</b>	- Section containing advanced search options to look up particular AIP document according to its date of publication.
<b>Authority (Name)</b>	- A drop-down list to select the type (specification/name) of the authority that issued the AIP. <ul style="list-style-type: none"> <li>• Civil - Aeronautical Information Circular;</li> <li>• Military - Aeronautical Information Publication;</li> <li>• VFR - AIP amendment;</li> <li>• RAD - route availability document;</li> </ul>
<b>Language</b>	- Drop-down menu to select the language of the AIP.
<b>AIP Type</b>	- Drop-down menu to select the type of AIP document: <ul style="list-style-type: none"> <li>• AD - Aeronautical Information Circular;</li> <li>• AIP - Aeronautical Information Publication;</li> <li>• AMDT - AIP amendment;</li> <li>• Charts - maps;</li> <li>• RAD - route availability document;</li> <li>• SUP - AIP Supplementary;</li> </ul>
<b>AIP Part</b>	- Drop-down menu to select the part of AIP document: <ul style="list-style-type: none"> <li>• AD - Aerodromes;</li> <li>• ENR - En route;</li> <li>• GEN - General;</li> </ul>
<b>Document name</b>	- Section containing advanced search options to look up particular AIP document according to its name of the document.

Control element	Description
Filtering criteria	
Document heading	- Section containing advanced search options to look up particular AIP document according to its author.

3. **Apply** - a button to search relevant AIP documents according to the selected filter criteria (item [2] of the legend).

**Reset** - a button to reset the selected filter criteria (item [2] of the legend).

#### 4. AIP List

A collection of selected AIP documents satisfying the filtering criteria (item [2] of the legend).

Use / buttons to show/hide the information about respective AIP document.

Upon selecting/markng a desired AIP document, its contents will be displayed in PDF format in a new window.

AIP Viewer contains controls for saving the document as a soft/hard copy.

EPRZ AD 2.1		Wskaznik lokalizacji i nazwa lotniska		AERODROME LOCATION INDICATOR AND NAME	
<b>EPRZ - Rzeszów - Jasionka</b>					
EPRZ AD 2.2		Dane geograficzne i administracyjne lotniska		AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA	
1.	ANP - współrzędne i lokalizacja QD 50 36' N 022 01 03' E - ANP na osi RWY w odległości 1249 m na wschód od THR (0) 1951 m na zachód od THR 27	ANP - coordinates and site at AD QD 50 36' N 022 01 03' E - ANP along RWY axis, located 1249 m east FM THR (0) and 1951 m west FM THR 27			
2.	Odległość, kierunek od miasta 7,8 km (4,2 NM) EPRZ 010° GEO	Direction and distance from city 7,8 km (4,2 NM) EPRZ 010° GEO			
3.	Wzniesienie lotniska/temperatura odniesienia 893 MSL P.C.	Elevation/Reference temperature 893 MSL P.C.			
4.	Undulacja geoidy w miejscu pomiaru wzniesienia lotniska 112,9	Geoid undulation at AD ELEV PSN 112,9			
5.	Delimitacja magnetyczna i jej roczna poprawka 7° 15' 00" G 7° 15' 00" E	MAG VAR/Annual change 7° 15' 00" G 7° 15' 00" E			
6.	Zarządczyni lotniskiem, adres, telefon, faks, AFS, e-mail, adres strony internetowej Port Lotniczy "Rzeszów - Jasionka" Sp. z o.o. Jasionka 542 ul. Czerw. Jasionka Tel. +48-17-717-8648 Tel. +48-17-717-8612 +48-17-852-0709 (fax) E-mail: rzeszowairport@rzeszowairport.pl www.rzeszowairport.pl	Air Administration, address, telephone, telefax, AFS, e-mail address, website address "Rzeszów - Jasionka" Airport Ltd. Jasionka 542 ul. Czerw. Jasionka Phone: +48-17-717-8648 Phone: +48-17-717-8612 Fax: +48-17-852-0709 E-mail: rzeszowairport@rzeszowairport.pl www.rzeszowairport.pl			
7.	Dopuszczony ruch lotniczy (FR/VFR) FR/VFR	Type of traffic permitted (FR/VFR) FR/VFR			
8.	Uwagi ZASADY Tel. +48-17-717-8611 Tel. +48-17-717-0800 Tel. +48-17-852-0001 E-mail: rzeszowairport@rzeszowairport.pl  Airport Handling / EPRZ Tel. +48-17-717-8639 CPI tel. kom. +48-601-968-733 GA tel. kom. +48-601-503-211 E-mail: cargo@rzeszowairport.pl SITA: RZEECPXK  Airport Cargo / EPRZ Tel. +48-17-717-8609 Tel. kom. +48-601-940-919 E-mail: cargozs@rzeszowairport.pl  TOWS Tel. +48-17-227-7972, +48-61-452-7972 Faks: +48-17-227-7979, +48-61-452-7979 E-mail: tw.rzeszow@pansa.pl  ASD Tel. +48-22-574-7173, +48-61-452-7173 Faks: +48-22-574-7168, +48-61-452-7168	Remarks ZASADY Phone: +48-17-717-8611 Phone: +48-17-717-0800 Phone: +48-17-852-0001 E-mail: rzeszowairport@rzeszowairport.pl  Airport Handling / EPRZ Phone: +48-17-717-8639 CPI mobile: +48-601-968-733 GA mobile: +48-601-503-211 E-mail: cargo@rzeszowairport.pl SITA: RZEECPXK  Airport Cargo / EPRZ Phone: +48-17-717-8609 Mobile: +48-601-940-919 E-mail: cargozs@rzeszowairport.pl  TOWS Phone: +48-17-227-7972, +48-61-452-7972 Fax: +48-17-227-7979, +48-61-452-7979 E-mail: tw.rzeszow@pansa.pl  ASD Phone: +48-22-574-7173, +48-61-452-7173 Fax: +48-22-574-7168, +48-61-452-7168			

### 3.8.6. FUA

<b>Activation options:</b>	<p>- To open/close the <b>FUA Messages</b> window (see the following figure) to view messages about temporary reserved areas (Temporary Areas), <b>click on the FUA</b> item in the <b>Briefing</b> submenu in the main menu of the PANSА IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; background-color: #ffffcc;"><p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p></div>
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**FUA window** enables to view a list of ASM messages about temporary reserved areas (hereinafter referred to as FUA messages):

- **EPWW FUA** - AUPs/UUPs within Poland (EPWW FIR)

Messages are received from CAT.

- **EAUP** - AUPs/UUPs within Europe except of Poland (eFUA)

Message are received from NM B2B.

You can filter the messages in the list according to the available criteria (description below).



#### Note

To view the EPWW FUA areas in the map window, enable  the **FUA** switch in the control panel.

For description of the control panel see **chap. 3.3 (page 30)**.

To view the EAUP/EUUP areas in the map window, enable  the Layers/Dynamic Data/EAUP/EUUP layer in the Map Settings window.

For a description of the Map Settings window and a description of the layers, see **chap. 3.9.1 (page 306)**.

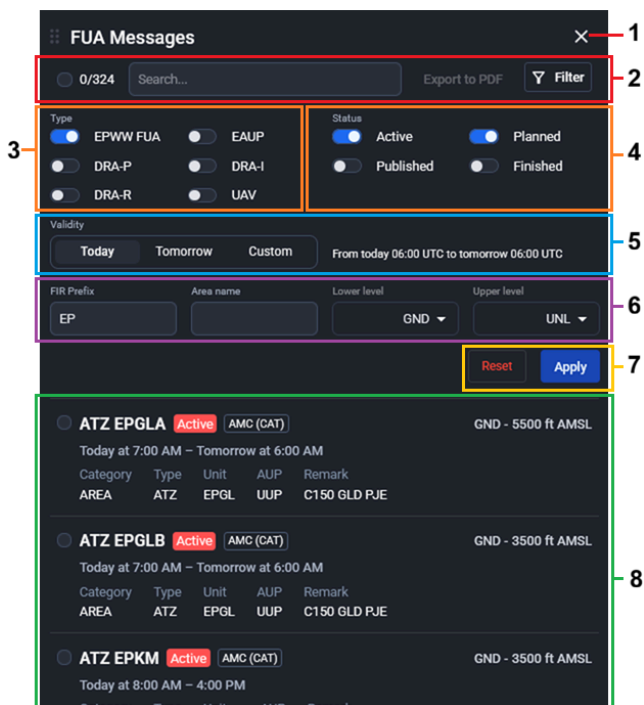


Fig. 3.61: FUA window - shown Filter

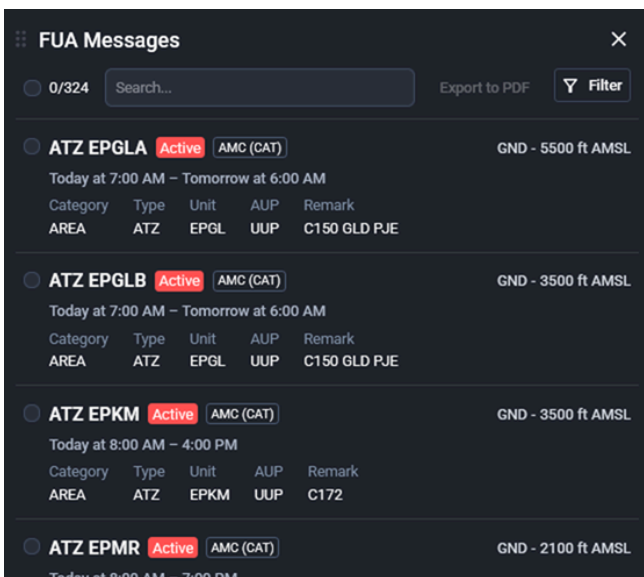






Fig. 3.62: FUA Messages window - hidden Filter

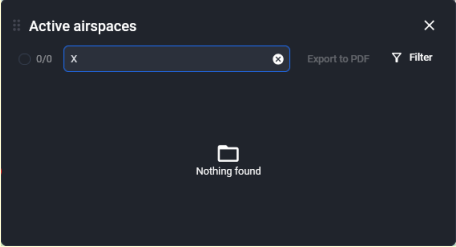

**Legend:**

1. Click on the button to close the window.
2. **Filter bar**





It contains the following controls:

Control element	Description
<p> Select all</p>	<p> Check the box to <b>select</b> (mark) all messages in the FUA message list (item 8).</p> <p>The view in the map window zooms in and centers so that you can see all FUA(s) in a default or specified FIR at once.</p> <p> Uncheck the box to <b>deselect</b> (unmark) all messages in the FUA message list (item 8).</p> <p>The view in the map window zooms in and centres according to the setting before the box is checked.</p> <p> Indication that at least one message is currently selected/ marked in the list.</p> <p><b>Number S/T</b></p> <p><b>S</b> The number of currently selected (marked) messages in the FUA message list (item 8).</p> <p><b>T</b> Total number of messages in the FUA message list (item 8).</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>For a description of the message selection options in the list, see item 8.</i></p> </div>
<p><b>Search</b></p>	<p>Text filter for messages in the FUA message list (point 8)</p> <p>Enter a character string in the text box to search for messages in the FUA message list.</p> <p>This filtering method is based on suggesting the search results while typing letters, i.e. the FUA message list is automatically adjusted after each typed letter.</p> <p>Text filter enable to include, into the FUA message list only messages containing a specified string of characters.</p>

Control element	Description
	<p><b>Note</b></p> <div style="border: 2px solid yellow; padding: 10px;"> <p><i>If no message satisfying specified text filter is available, <b>Nothing found</b> will be indicated in the FUA message list.</i></p>  </div> <p><b>Clear the text box</b></p> <div style="border: 1px solid black; padding: 5px;"> <input type="text" value="x"/> <span style="border: 2px solid red; padding: 2px;">✕</span> </div> <p>To clear the text box click on the  button in this box.</p>
<p><b>Export to PDF</b></p>	<p>Click the <b>Export to PDF</b> button to export the messages that are currently selected (marked) in the FUA message list to a PDF file.</p> <p>For a description of the options for selecting (marking) messages in the FUA message list, see item 8.</p>
<p><b>Filter</b></p>	<p>Click <b>Filter</b> button to show/hide the controls to set the message filter in the FUA message list (point 8).</p> <p>For a description of the filter control elements, see this legend.</p>

3. **Type**



Switches to enable  / disable  displaying messages in the FUA message list (item 8) by FUA type:

**EPWW FUA**

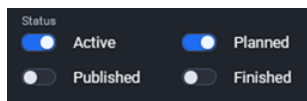
FUA messages on flexible airspace allocation over EPWW FIR (FUA Poland) received from CAT.

**Note**

*The EPWW FUA switch is predefined (default) as enable.*

<b>EAUP</b>	FUA messages on flexible airspace allocation over European countries (FUA Europe) received from NM B2B
<b>DRA-I</b>	(DRone Airspace Information) ASM messages on Drone <b>information</b> zones allocation within EPWW FIR.  DRA - I is unmanned aircraft systems information zone (Drone zone), containing information systems necessary to ensure safe operations using unmanned aircraft systems, including navigational warnings.
<b>DRA-P</b>	(DRone Airspace Prohibition) ASM messages on <b>prohibited</b> Drone zones allocation within EPWW FIR.  DRA - P is a prohibited zone in which operations using unmanned aircraft systems may not be carried out.
<b>DRA-R</b>	(DRone Airspace Restriction) ASM messages on <b>restricted</b> Drone zones allocation within EPWW FIR.  DRA - R is a restricted zone for unmanned aircraft systems, in which operations using unmanned aircraft systems may be carried out with the consent and under conditions specified by the Agency or the authorised entity at the request of which the geographical zone has been designated.
<b>UAV</b>	ASM messages on UAV (Unmanned Aerial Vehicle) zones allocation within EPWW FIR.

4. **Status**



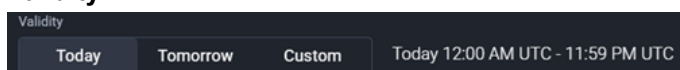
Switches to enable  / disable  displaying messages in a FUA message list (item 8) by the status of the FUA:

- **Active**
- **Planned**
- **Published**
- **Finished**

**Note**

*The Activate and Planned switches are pre-selected by default.*

5. **Validity**



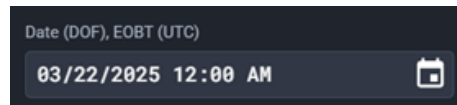
Click the selected toggle button to enable the desired time filter for messages displayed in the FUA message list.

A specification of the currently selected message validity time is shown next to the buttons.

Available options:

<p><b>Today</b></p>	<p>Choose the option to show FUA messages valid for the present day, i.e. from Today at 12:00 to Tomorrow at 12:00 (UTC).</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>The Today toggle button is pre-selected by default.</i></p> </div>
<p><b>Tomorrow</b></p>	<p>Choose the option to show FUA messages valid for the day following the present day, i.e. from Tomorrow at 12:00 to the Day after Tomorrow at 12:00 (UTC).</p>
<p><b>Custom</b></p>	<p>Choose this option to show FUA messages valid for the day of your choice (UTC).</p> <p>To set the desired time data, the <b>Date (DOF)/ EOBT (UTC)</b> text box will be displayed in the window (description below).</p>

**Date (DOF)/ EOBT (UTC)**



**Note**

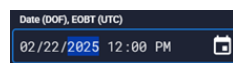
*The function is available when the **Custom** toggle button is enabled.*

Set the Date (DOF) & EOBT (UTC) of FUA allocation validity.

The text box automatically contains the current date and 12:00 AM.

To edit the value:

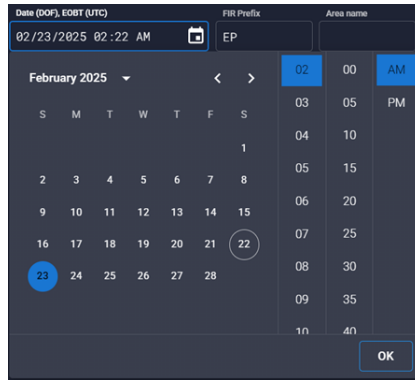
- A. Overwrite the value using the keyboard.



**or**

- B. Use the icon.

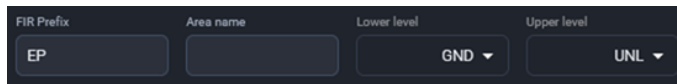
A window for selecting the date and time will appear.



Select the desired date and time value.

Confirm your selection with the **OK** button.

**6. Other filtering criteria**



<p><b>FIR prefix</b></p>	<p>Enter an ICAO prefix of the FIR in the text box and confirm with <b>Enter</b>.</p> <p>Only messages related to the selected FIR will be listed in the FUA message list (item 8).</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>The EP FIR is pre-selected by default.</i></p> </div>
<p><b>Area</b></p>	<p>Enter the name or identifier of Temporary Area and confirm with <b>Enter</b>.</p> <p>To search for a particular area, you may enter a partial string starting from the first character.</p> <p>Only messages related to airspaces starting with this string will be displayed in the FUA message list (item 8).</p>
<p><b>Lower Level</b></p> <p><b>Upper Level</b></p>	<p>Enter FL band (specified by lower and upper FL values) of flights within Temporary Areas, messages of which you want to be listed in FUA message list (item 8).</p> <p>Message filtering by FL will be applied upon pressing <b>Apply</b> button.</p> <p><u>Selection options in drop-down lists:</u></p> <ul style="list-style-type: none"> <li>• <b>ft</b> - Altitude in feet</li> <li>• <b>F</b> - Flight level, expressed as "F" followed by three numbers (e.g., F055 means FL 055)</li> <li>• <b>GND</b> - Ground (for <b>Lower Level</b> only)</li> </ul>

- **UNL** - unlimited altitude (for **Upper Level** only)

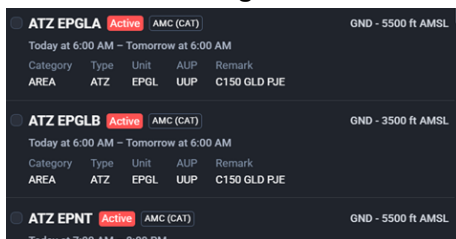
- Reset** Click on the **Reset** button to clear the filter.

All available messages will be displayed in the FUA message list (item 8).

**Apply** Click on the **Apply** button to apply the set filter to the FUA message list (item 8).

Only messages that match the set filter parameters will be displayed in the FUA message list.

**8. List of FUA Messages**

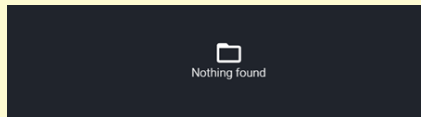


The section contains a list of FUA messages satisfying specified filtering criteria.

After opening the FUA Messages window, this section displays all messages according to pre-set (default) filter settings.

**Note**

*If no message satisfies the filter a string **Nothing found** is indicated in the list.*



**Presented information:**

**EPWW FUA** - AUPs/UUPs within Poland (EPWW FIR)

One line of the list refers to one message and contains:

- **Checkbox** for selecting (mark)/deselecting (unmark) a message in the list
  - Check the box to **select** (mark) respective message in the FUA message list.

The map window view zooms in and centers on the FUA to which the message relates.

- Uncheck the box to **deselect** (unmark) respective message in the FUA message list.

The view in the map window zooms in and centres according to the setting before the box is checked.

- **Airspace Designator**; Identifier of a temporary allocated airspace to which the message relates
- **Status** - (Airspace Reservation Phase) by which messages are color-coded in the list.

**Note**

*The color of indication depends on the current application configuration.*

- **CAT** indicator showing that the message is received from CAT
- **Lower/Upper FL** (FL Band)

**Note**

*Vertical limits for FUA are expressed in feet below or at the transition altitude and in flight levels (FL) above the transition altitude.*

- **Start and End Date/Time (UTC)** of activation of airspace reservation
- **Category** - Category of airspace structure (e.g. AREA, ROUTE, etc.)
- **Type** - Type of flexible airspace structure (e.g. TSA, TRA, etc.)
- **Unit** - The organization utilizing temporary reserved airspace when activated
- **AUP** - AUP/UUP type
- **Remark** - note to use of the respective area

**EAUP** - AUPs/UUPs within Europe except of Poland (eFUA)

One line of the list refers to one message and contains:

- **Checkbox** for selecting (mark)/deselecting (unmark) a message in the list
  - Check the box to **select** (mark) respective message in the FUA message list.  
The map window view zooms in and centers on the FUA to which the message relates.
  - Uncheck the box to **deselect** (unmark) respective message in the FUA message list.

The view in the map window zooms in and centres according to the setting before the box is checked.

- **Airspace Designator**; Identifier of a temporary allocated airspace to which the message relates
- **Status** - (Airspace Reservation Phase) by which messages are color-coded in the list.

#### Note

*The color of indication depends on the current application configuration.*

- **eFUA** indicator showing that the message is received from NM B2B and it relates to airspace over the European territory (FUA Europe)
- **Lower/Upper FL** (FL Band)
- **Start and End Date/Time (UTC)** of activation of airspace reservation

### Select (Mark) messages individually

- A. Click on a row of desired message(s) in the list.

or

- B. Check the  box of the desired message(s) in the list.

By selecting (mark) **one** message, the display in the map window is centered and zoomed in on the relevant temporary area to which the message relates.

By selecting (mark) **more than one** message, the view in the map window is centered and zoomed in on the relevant FUA(s) to which the messages relates.

### Select all messages at once

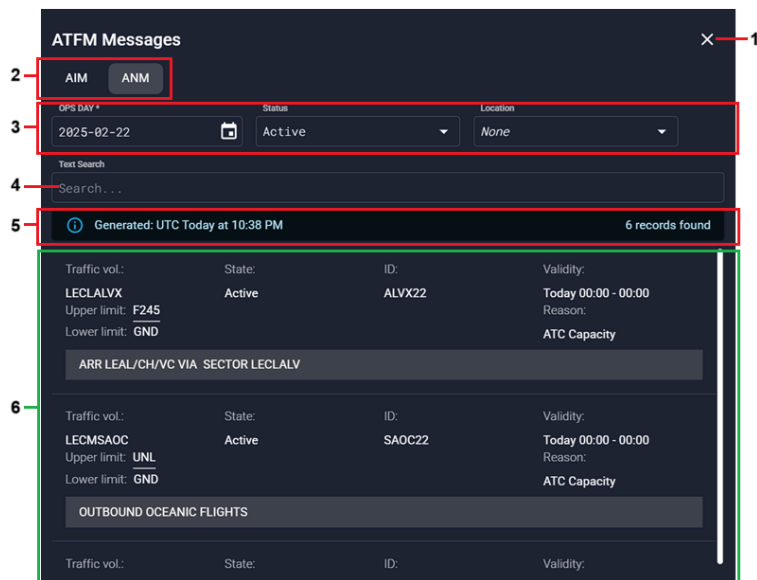
Check the  107 / 107 box in the filter bar (item 2).

By selecting (mark) **all** messages, the view in the map window zooms in and centers so that you can see all FUA(s) in a default or specified FIR at once.

### 3.8.7. ATFCM

<b>Activation options:</b>	<p>- To open/close the <b>ATFCM Messages</b> window (see the following figure) to view AIM and ANM messages, <b>click on the ATFCM</b> item in the <b>Briefing</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid black; padding: 5px; background-color: #ffffcc; text-align: center;"> <p><i>For description of the main menu see <b>chap. 3.2</b> (page 29).</i></p> </div>
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**ATFCM Messages window** enables to view a list of available AIM messages and ANM (Regulations) messages notifying of ATFCM regulations retrieved under specified filtering criteria.



**Fig. 3.63: ATFCM Messages window**

**Legend:**

1. Click on the **×** button to close the window.
2. **AIM/ ANM**  
Click the desired toggle button to enable the display of the relevant ATFCM messages type:  
  

**AIM**    AIM messages will be displayed, according to the currently set message filter.

**Note**

*The Today toggle button is pre-selected by default.*

**ANM** ANM (Regulations) messages will be displayed, according to the currently set message filter.

**3. Filter Bar**

The section contains options for selecting the filtering criteria by which messages will be displayed.

**Note**

*A present day is set for ANM filtering by Validity Date as a default.*

*In the case of ANM messages, active messages are displayed.*

*If no message satisfies your filtering criteria a string "Nothing found" is indicated in messages list.*

Following filtering parameters are available:

**OPS DAY \*** **Note**

*Mandatory filter parameter.*

Entry/select the **Day of Operation**, i.e. the date of an AIM/ANM validity.

The text box is automatically contains the current date.

To edit the value:

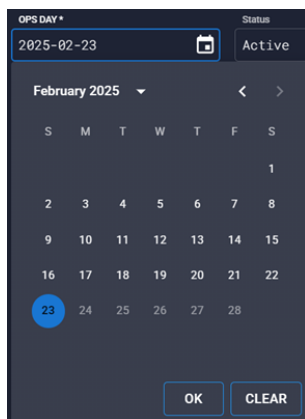
- A. Overwrite the value using the keyboard.



or

- B. Use the  icon.

A window for selecting the date will appear.



Select the desired date value.

The selected date is confirmed automatically and inserted into the **OPS DAY \*** text box.

The message time filter setting can be canceled in the calendar window by pressing the **CLEAR** button.

**Status** **Note**

*Available for ANM message list.*

Select the message status from the drop-down list.

Only messages satisfying the selected "Status" filter will be listed in ANM message List.

**Location** **Note**

*Available for ANM message list.*

Select a ground/air object (e.g. aerodrome, airspace, etc.) for which the ANM message has been issued.

Only messages satisfying the selected "Location" filter will be listed in ANM message List.

**4. Text Search**

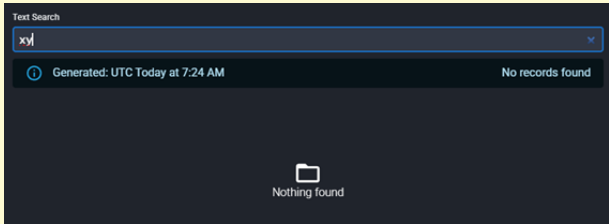
A text box for an entry of a text string by which the messages will be searched, retrieved and listed in message list.

Enter the string at least 2 characters that you want the message to contain in the text field.

Only messages that contain the string will be automatically searched and displayed in the list.

**Note**

*If no message satisfies the Text Search filter a string **Nothing found** is shown instead.*

A screenshot of a 'Text Search' interface. At the top, there is a search input field containing the text 'xyl'. Below the input field, there is a status bar with a refresh icon, the text 'Generated: UTC Today at 7:24 AM', and 'No records found'. The main area of the interface is dark and contains a folder icon with the text 'Nothing found' below it.

**5. Generated**

Indication of the date/day and time stamp (UTC) associated with the last request for update of messages contained in the message list.

**N records found**

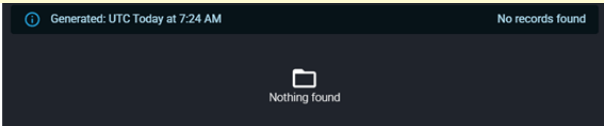
Indication of an amount of messages currently contained in the list.

**6. Message list**


A list of AIM or ANM (Regulations) messages, displayed according to the filter settings.

**Note**

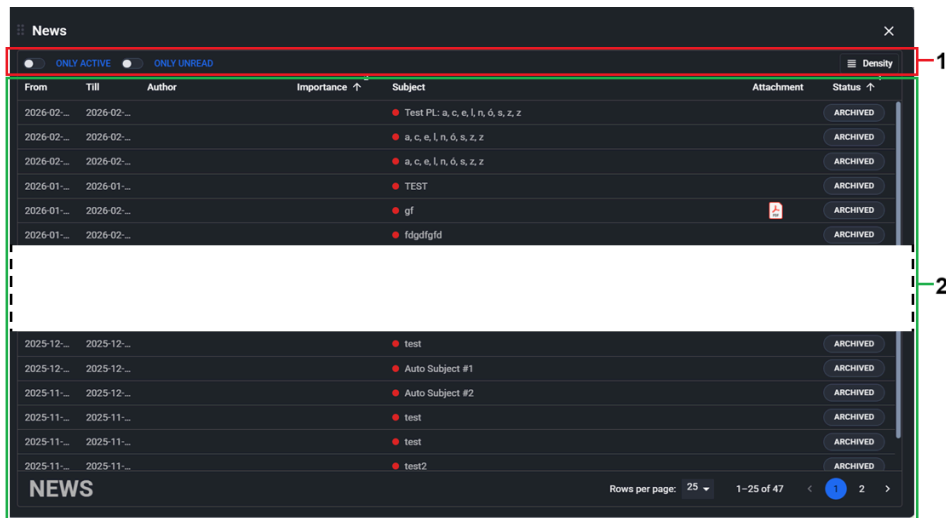
*If no message satisfies the filter a string **Nothing found** is indicated in the list.*

A screenshot of a message list interface. At the top, there is a status bar with a refresh icon, the text 'Generated: UTC Today at 7:24 AM', and 'No records found'. The main area of the interface is dark and contains a folder icon with the text 'Nothing found' below it.

### 3.8.8. News List

<b>Activation options:</b>	<ul style="list-style-type: none"> <li>- To open/close the <b>News</b> window (see the following figure) to display the list of newsletters:                             <ul style="list-style-type: none"> <li>A. Click the <b>News</b> item in the <b>Briefing</b> submenu in the main menu of the PANSA IWB (PILOT Module) application, or</li> <li>B. Click the  icon in the control panel of the PANSA IWB (PILOT Module) application.</li> </ul> </li> </ul> <p style="margin-top: 10px;"><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 5px;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> <p><i>For description of the control panel see <b>chap. 3.3 (page 30)</b>.</i></p> </div>
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**News** window enables to display the list of all active newsletters and newsletters in archive sent to the system by the FSC (ARO) user.



**Fig. 3.64: News window**

**Legend:**

1. **Display Setting Bar** (see **chap. 3.10.8 (page 345)**)
2. **News list** (description below in this chapter)

## Display settings of the News list

For a description of the features for list display setting, see **chap. 3.10 (page 332)**.

The News list is displayed in the form of a table. It contains all active and archived news.

To display only active news, enable the **ONLY ACTIVE** switch in the display settings bar (see **chap. 3.10.8 (page 345)**).

To display only unread news, enable the **ONLY UNREAD** switch in the display settings bar (see **chap. 3.10.8 (page 345)**).



### Note

*Active news items are distinguished from archived ones in the list by font color.*

*The color depends on the current application configuration.*

*Unread news items are marked in the list ●.*


One row of the table refers to one newsletter.

The columns contain the information about the newsletter (see the following table)

After logging into the application, the order of the news items in the list is predefined from top to bottom from the most recent to the oldest according to the date and time when the news item is active (columns **From/Till**).

The set of columns displayed in the list is predefined as well. This sorting rule can be changed by the user as required (see **chap. 3.10.5 (page 337)**).

The columns can contain the following data:

Column name	Description
<b>ID</b>	The identification number automatically assigned to the news item.
<b>From</b>	The date from which the news item is active.
<b>Till</b>	The date until which the news is active.
<b>Author</b>	The username of the person who created the news item.
<b>Importance</b>	The importance of the news presented by the  indicator.
<b>Subject</b>	The subject of the news item, inserted when the news item is created/edited.

Column name	Description
	<p>Unread news is marked with an ● in the <b>Subject</b> column.</p> <p>The number of unread messages is indicated by the ■ icon in the application control panel.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>For description of the control panel see <b>chap. 3.3 (page 30)</b>.</i></p> </div>
<b>Attachment</b>	<p>News attachment.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>To download an attachment, click its icon. Depending on your browser settings, the attachment may be saved to the <code>Downloads</code> directory of the logged-in user.</i></p> </div>
<b>Status</b>	<p>Current news status.</p> <p><u>The meaning of the indication:</u></p> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid green; border-radius: 10px; padding: 2px 10px; margin-right: 10px;">ACTIVE</div> <span>Active news</span> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid gray; border-radius: 10px; padding: 2px 10px; margin-right: 10px;">ARCHIVED</div> <span>Archived news</span> </div>

**New selection**

To select a news item in the list, click the row of the selected news item in the list.

The row will expand to a window that contains the full text of the news item and the attachments associated with the news item, if available (see the following image).


After clicking on the row of an unread news (marked with an ● in the "Subject" column, description above), it is considered read.

The number of unread news indicated on the ■ icon in the application control panel is adjusted accordingly.



**Note**

*For description of the control panel see **chap. 3.3 (page 30)**.*

To view the row in its original width, i.e. to close the news window, click its title bar or on its closing  button.

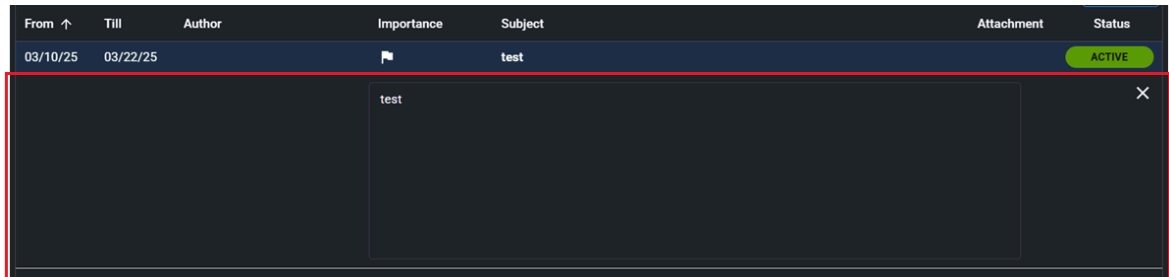


Fig. 3.65: Display the full text of the news item and its attachments

### Download the attachment

To download the attachment in the news window, **click its file**.

Depending on your web browser settings, the attachment may be automatically saved to the `Downloads` directory of the logged-in user.

### 3.9. Map

**Click** on the / button of the **Map** item in the main menu of the PANSA IWB (PILOT Module) application to expand/collapse a submenu for working with the display in the map window.

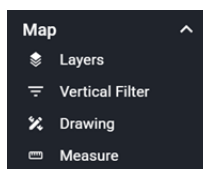


**Note**

*Availability and ordering of the functionalities in the submenu depends on the current configuration.*

*The function is available just for specified types of users.*



*For a description of the main menu, see **chap. 3.3 (page 30)**.*



**Fig. 3.66: Map Submenu**

The submenu may contain the following items:

Submenu Item	Description
Layers  <b>Layers</b>	Open/Close the Map Settings window to set layers to be displayed in map window.  For a description of the Map Settings window see <b>chap. 3.9.1 (page 306)</b> .
Vertical Filter  <b>Vertical Filter</b>	Open/Close the Vertical Filter window to set flight level filter of displayed AIS data.  For a description of the Vertical Filter window see <b>chap. 3.9.2 (page 310)</b> .
Drawing  <b>Drawing</b>	Open/Close the Drawing window to creating DB drawings of user-defined objects and for working with this DB.  For a description of the Drawing window see <b>chap. 3.9.3 (page 315)</b> .
Measure	Open/Close the Measure window to activate the distance or area measurement in the map window and to display the measurement result.

Submenu Item	Description
Measure	<p>By opening the window the mouse cursor is in DISTANCE measurement mode .</p> <p>By closing the window the mouse cursor returns to standard mode .</p> <p>For a description of the Measure window see <b>chap. 3.9.4 (page 328)</b>.</p>

### 3.9.1. Layers

<b>Activation options:</b>	<p>- To open/close the <b>Map setting</b> window (see the following figure) to set layers to be displayed in map window, <b>click</b> on the <b>Layers</b> item in the <b>Map</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p>For description of the main menu see <b>chap. 3.2 (page 29)</b> .</p> </div>
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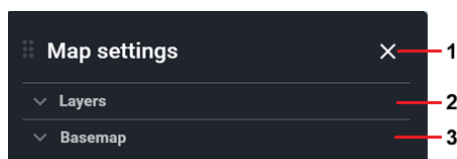
**Map settings window** enables a setting of layers to be displayed in map window.



**Note**

The current setting of layers is preserved when you:

- close the Map settings window;
- refresh the application page in the web browser;
- log in to the application again.



**Fig. 3.67: Map settings window**

## Legend:

1. Click on the button to close the window.

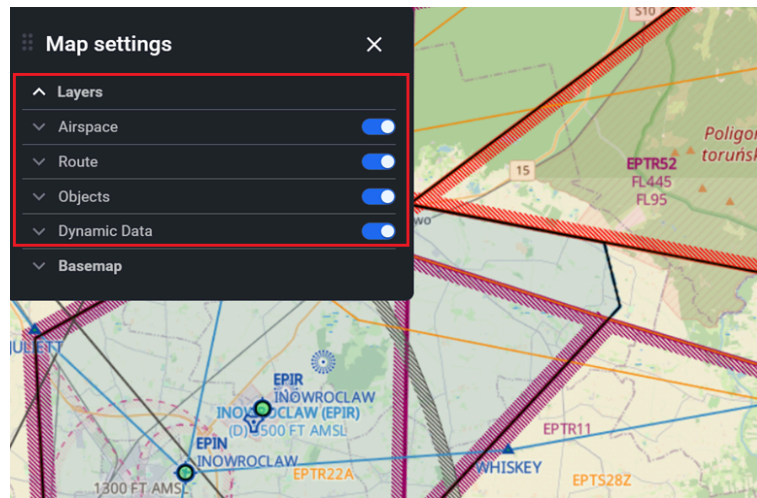
### 2. Layers

(The list of transparent layers of static and dynamic data)

To **expand/collapse** the list click on the / button.

To **show/hide** the layer in the map window enable / disable the switch of the layer.

The layers are thematically grouped into main layers (see the following picture and table below).

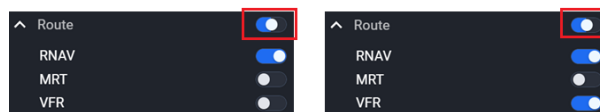


If you enable / disable the main layer, all layers grouped in main layer will also be automatically enabled / disabled .



If you enable / disable one or only some of the layers that are grouped in the main layer, the main layer switch is in the state.

The state indicates that only some layers that are grouped in the main layer are enabled.



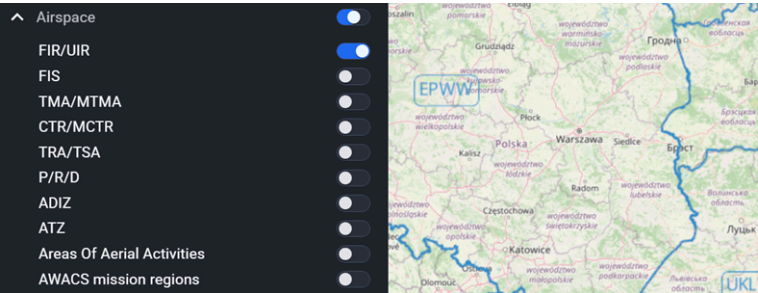
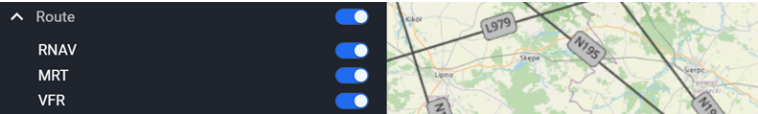
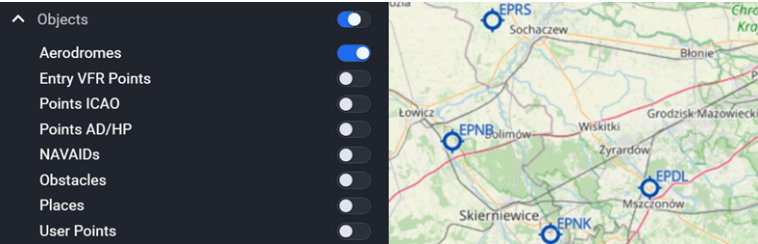
You can Show/Hide the desired combination of available layers you need to work with.

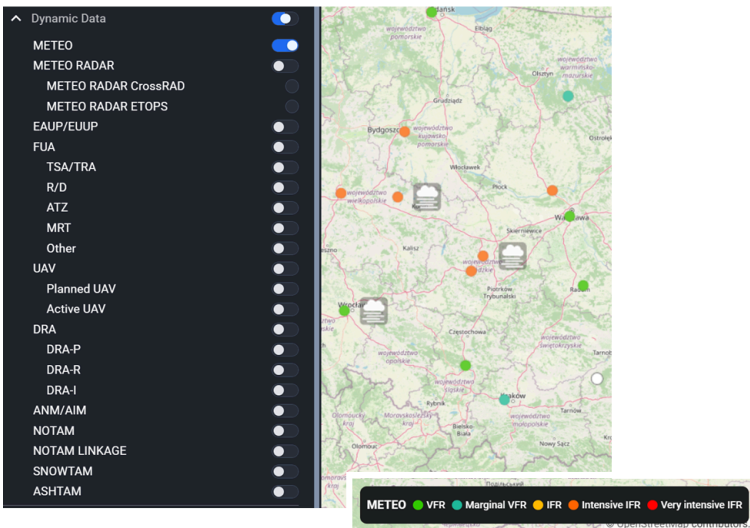
**Note**

Names of layers shown on below pictures need not correspond to the names shown on your screen as 'name' is a parameter configurable through configuration file.

A set of layers to be displayed in Map settings window can be configured through configuration file, as well.

A content of a layer may vary depending on data availability.

Main Layer	Description
<p><b>Airspace</b></p>	<p>- Airspaces main layer contains layers of areas/airspaces from the AIS DB.</p> 
<p><b>Route</b></p>	<p>- Routes main layer contains layers of VFR points and routes from the AIS DB.</p> 
<p><b>Objects</b></p>	<p>- This main layer contains layers of the objects from the AIS database and the "User Points" layer of user-defined points.</p> 

Main Layer	Description
<p><b>Dynamic Data</b></p>	<p>- This main layer contains layers of the dynamic data.</p> 

### 3. Basemap

(List of basemap layers)

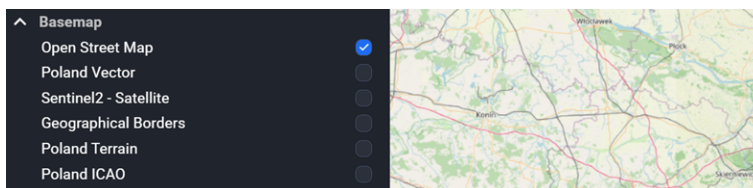
To **expand/collapse** the list click on the / button.

**Note**

*One base map is always displayed in the map window.*

To **enable** display the desired basemap in the map window, click on its layer in the Basemap list.

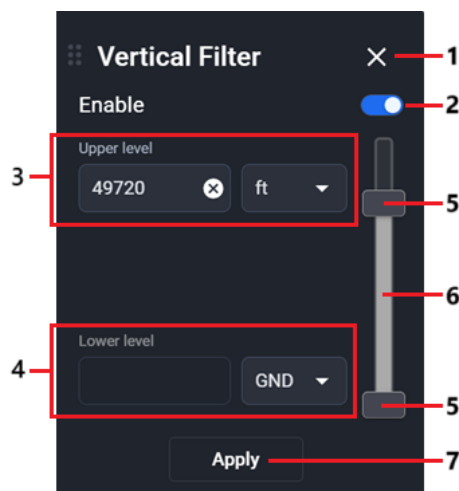
The display of the previous basemap layer is now disabled .



### 3.9.2. Vertical filter

<b>Activation options:</b>	<p>- To open/close the <b>Vertical Filter</b> window (see the following figure) to set the vertical filter of the AIS data, <b>click</b> on the <b>Vertical Filter</b> item in the <b>Map</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</i></p> </div>
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**FL Filter window** enables to set flight level (FL) filter for AIS data to be displayed within PANSA IWB (PILOT Module) application.



**Legend:**

1. Click on the button to close the window.

2. **Enable**

Click on the switch to enable / disable the vertical filter of displayed data:

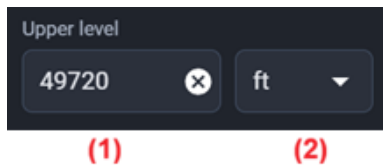


Vertical Filter **on**.

Press the button to enable controls for an entry of vertical filtering criteria (see this legend).

Vertical Filter **off**.  
The controls for adjusting the vertical filter are not active.

### 3. Upper level



Defining the **upper** limit FL of the vertical filter.

#### Important

To define/edit the vertical filter, **enable**  the **Enable** switch (Legend item 2).  
To activate the text field (1), select an item other than UNL from the drop-down list (2).

#### (1) FL value

Enter the upper limit of the FL range to define the vertical filter in the text box.

It is not allowed to edit the FL value if the UNL item is selected in the drop-down list (2).

The FL value set by the upper slider (Legend item 5) is automatically inserted into this field.

#### Clear the text box

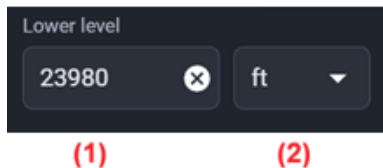


To clear the text box click on the  button in this box.

#### (2) FL units or UNL

From the drop-down list, select the desired units for the FL value or UNL.

4. **Lower level**



Defining the **lower** limit FL of the vertical filter.

**Important**

To define/edit the vertical filter, **enable**  the **Enable** switch (Legend item 2).  
 To activate the text field (1) , select an item other than GND from the drop-down list (2).

**(1) FL value**

Enter the lower limit of the FL range to define the vertical filter in the text box.

It is not allowed to edit the FL value if the GND item is selected in the drop-down list (2).

The FL value set by the lower slider (Legend item 5) is automatically inserted into this field.

**Clear the text box**



To clear the text box click on the button in this box.

**(2) FL units or GND**

From the drop-down list, select the desired units for the FL value or GND.

5. **Upper/Lower slider**

Defining the **upper/lower** limit FL of the vertical filter by moving the slider.

**Important**

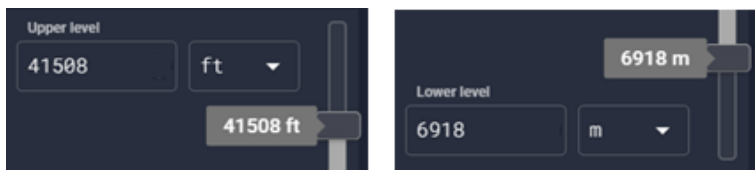
To use the slider:

- **enable**  the **Enable** switch (Legend item 2);
- in the section **Upper/Lower level** (Legend item 3/4) select an item **other** than UNL/GND in the drop-down list (2).

**Procedure:**

1. Move the slider to the desired FL value to set the upper/lower limit of the vertical filter range.

The current FL value at which the slider is located, is indicated in the slider tooltip. The value is displayed in the units selected in the drop-down list (2) of the **Upper/Lower level** section (Legend item 3/4).



2. Release the mouse button (drop the slider).

The set FL value is entered into the text box (1) of the **Upper/Lower level** section (Legend item 3/4).

6. **FL Range Indicator**; to indicate adjusted FL range of the vertical filter.
7. Click the **Apply** button to apply the current settings in the Vertical Filter window.

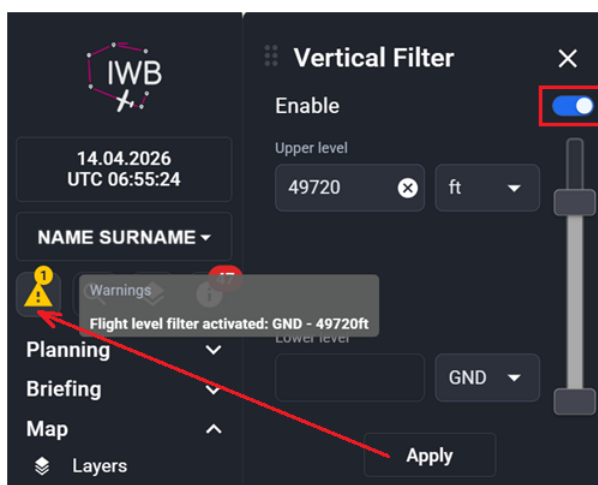
After clicking the Apply button, one of the following steps will be performed:

- A. If the **Enable** switch is **on** :
  - Only data in the flight levels from the applied FL range (legend item 6) will be displayed in the map window.
  - The indication of the enabled vertical filter is activated on the control panel in the data validity indicator.

The indicator warns that the data displayed in the application is filtered according to a vertical filter.

**Note**

For description of the main menu see *chap. 3.3 (page 30)*.



B. If the **Enable** switch is **off** 

- Data for all flight levels will be displayed in the map window.  
The data is not filtered by the vertical filter.
- The indication of the enabled vertical filter is deactivated on the control panel in the data validity indicator (if the filter was previously on).

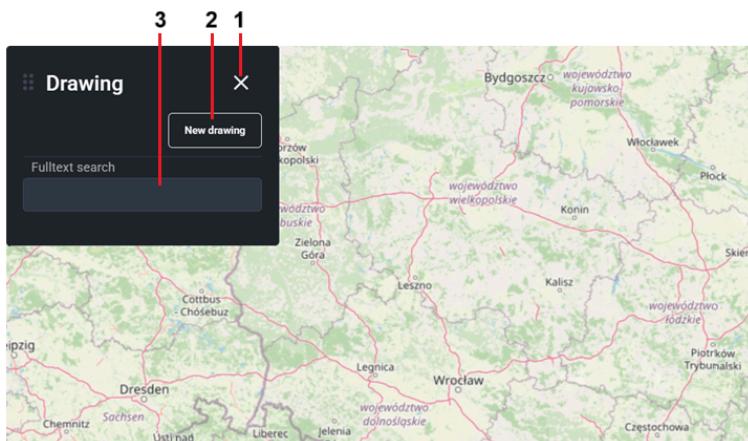
**Note**

For description of the main menu see *chap. 3.3 (page 30)*.

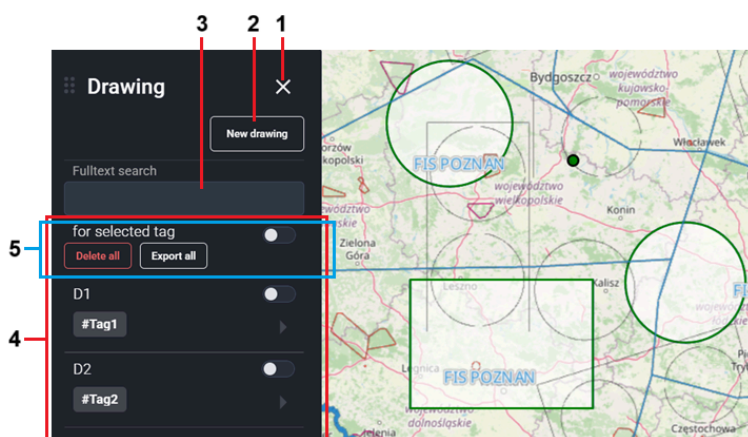
### 3.9.3. Drawing (List)

<b>Activation options:</b>	<p>- To open/close the <b>Drawing</b> (List) window with a list of drawings defined in DB, <b>click</b> on the <b>Drawing</b> item in the <b>Map</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 5px 0;"> <p>A <b>drawing</b> is a group of user-defined objects that are stored under a common name.</p> <p>For description of the main menu see <b>chap. 3.2 (page 29)</b>.</p> </div>
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**Drawing (List) window** enables to creating DB drawings of user-defined objects and for working with this DB.




**Fig. 3.68: Sample of the Drawing (list) window - none drawing**



**Fig. 3.69: Sample of the Drawing (list) window - with drawing**


## Legend:

1. Click on the  button to close the window.
2. **New drawing**

Click New drawing to create a new drawing.

When you click on the New drawing button:

- The Drawing (New/Edit) window appears, see **chap. 3.9.3.1 (page 318)**.
- The object drawing mode in the map window is activated for the mouse cursor.

The poly-line (LineString) drawing is automatically activated,  icon is ON (10 item).

3. **Fulltext Search**

Enter the character string in the text field to search for an drawing in the drawing list (4 item).

The search is within the following drawing parameters:



- **Name** (4 item)
- **Tag** (4 item)

By entering a character string, the drawing list (4 item) is dynamically reduced to only those drawing whose parameter contains the entered string.

4. **Drawing list**

One row of the list refers to one drawing and contains:



1. The **name** of the drawing
2. The **Tag** (keyword/context) for drawing
3. The **switch** to enable  / disable  drawing display in the map window and to select (mark)/unselect (unmark) the respective drawing in the list.

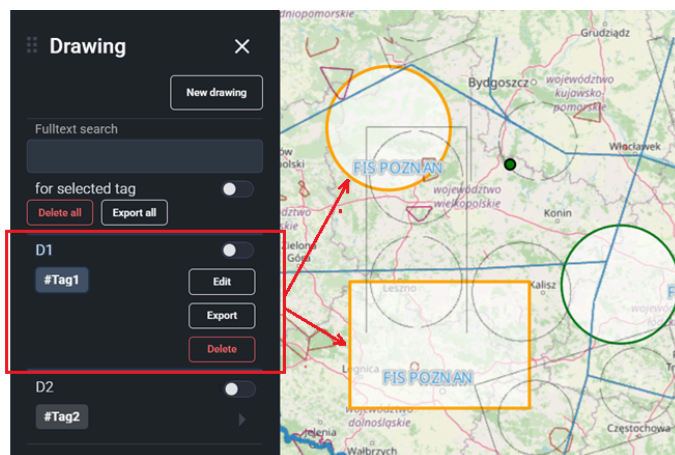
User-defined objects from the selected drawing are displayed/hidden in the map window.

### Drawing selection (activation)

To select (activation) a drawing click on the respective row in the drawing list.

When you click on the row:

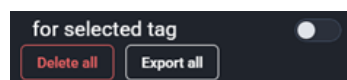
- The selected row contains buttons for working with the selected drawing.
- User-defined objects from the selected drawing are highlighted in the map window.







### The buttons for working with the selected drawing:



Button	Description
<b>Edit</b>	Press the Edit button to modification selected drawing.  The "Drawing" (Edit) window appears with controls for editing the drawing.  For a description of the controls, see below in this legend.
<b>Export</b>	Press the Export button to export the drawing with the map base to a PNG file.
<b>Delete</b>	Press the Delete button to remove the selected drawing from drawing list.

### 5. Control elements for working with the selected (marked) drawings in the list



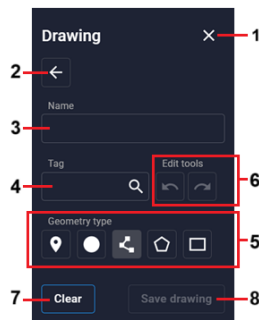
Control element	Description
 Select All / Deselect All	The <b>switch</b> to enable  / disable  the display of all drawings in the map window and to select (mark)/unselect (unmark) all drawings in the list. <b>Note</b> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <i>To select (mark) only the desired drawings in the list, enable  switch in the respective list rows.</i> </div>
<b>Delete All</b>	Press the Delete All button to remove all currently selected (marked) drawings in the list.
<b>Export All</b>	Press the Export All button to export all currently selected (marked) drawings with the map base to a PNG file.

### 3.9.3.1. Drawing (New/Edit)

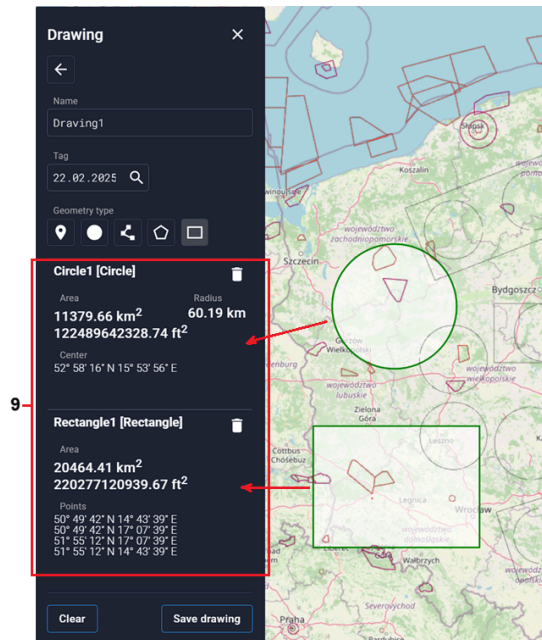
<b>Activation options:</b>	<p>A. Click on the <b>New drawing</b> button in the Drawing (List) window.</p> <p>The Drawing (New/Edit) window is displayed to create a new drawing.</p> <p>B. In the Drawing (List) window, select (activate) the desired drawing in the drawing list (i.e. click on its row) and click on the <b>Edit</b> button in the selected row.</p> <p>The Drawing (New/Edit) window is displayed with the parameters of the drawn objects from the respective drawing.</p> <p>The window allows you to edit the drawing.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <i>For description of the Drawing (List) window, see <b>chap. 3.9.3 (page 315)</b>.</i> </div>
	<p>- When the Drawing (New/Edit) window is opened, the object drawing mode is enabled for the mouse cursor in the map window.</p> <p>The poly-line (LineString) drawing is activated,  icon is ON.</p>

<p><b>Cancel draw mode</b></p>	<ul style="list-style-type: none"> <li>- Use one of the following options:                             <ul style="list-style-type: none"> <li>A. Click on the on the <b>Clear</b> button in the Drawing (New/Edit) window, or</li> <li>B. Click on the  button to close the Drawing (New/Edit) window, or</li> <li>C. activate the display of another window in the application.</li> </ul> </li> </ul> <p>The default mode is activated for the mouse cursor </p>
--------------------------------	--

**Drawing (New/Edit) window** enables to creating/editing a drawing. It allows you to define drawing parameters, start drawing an object of the desired geometry and save the drawing to DB.





**Fig. 3.70: Sample of the Drawing (New/Edit) window - creating a new drawing**



**Fig. 3.71: Sample of the Drawing (New/Edit) window - editing a saved drawing**

## Legend:

1. Click on the  button to close the window.
2. **Return to the drawing list**

Click on the  button to return from the Drawing (New/Edit) window to the Drawing (List) window, see **chap. 3.9.3 (page 315)**.

### Warning

*Unsaved changes will be lost!*






3. **Name**  
Enter the drawing name in the text box.

4. **Tag**  
Enter the keyword/context of the drawing (the so-called "Hashtag") in the text box.

5. **Geometry type**  
(Drawing Tool Bar)

To draw an object of a desired geometry (2D shape) in the map window, **click on the respective icon**, see the following table.

The mouse cursor is in object drawing mode  for the selected geometry (2D shape).

Icon	Geometry type (2D shape)
	- Point
	- Circle
	- Poly-line (LineString)
	- Polygon
	- Rectangle

### Note



*For the draw techniques to create 2D shapes, see **chap. 3.9.3.2 (page 322)**.*

6. **Edit tools**

(Drawing Control Bar)

**Note**

*The functions are available while drawing a poly-line (LineString) or polygon.*

Icon	Description
	- Restore the last editing action
	- Reverse the last editing action

7. Click on the **Clear** button to erase drawn objects.

After clicking the **Clear** button:

- the drawn objects are deleted from the map window,
- in the Drawing (New/Edit) window, the data of the drawn objects (5) are deleted.

8. Click on the **Save drawing** button to save the drawn objects in the drawing under the inserted name.

The drawing is added to the list of created drawings in the Drawing (List) window.

**Note**

*For description of the Drawing (List) window, see **chap. 3.9.3 (page 315)**.*

9. **Drawing Object Data**

The pane displays the following data about the drawn objects:

**Object Name [Geometry Type]**

**Points** - geographical coordinates of the object points

**Distance** - total length in [km] and in [NM]

**Note**

*Distance is displayed for poly-line (LineString).*

**Area** - area size in [km<sup>2</sup>] and in [ft<sup>2</sup>]

**Note**

*Area is displayed for circle, polygon, and rectangle.*

**Radius** - radius of circle in [km]

**Note**

*Radius is displayed for circle.*

**Center** - geographical coordinates of the center of the circle

**Note**

*Center is displayed for circle.*

### 3.9.3.2. Draw Techniques to create 2D shapes




**Important**

*It is necessary to save the created drawing of the drawn objects in the Drawing window (New/Edit) with the **Save drawing** button, otherwise the drawn objects will be lost when the window is closed.*

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*

**Point**

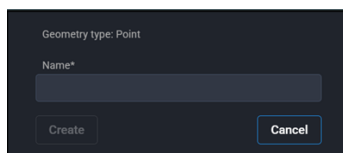
1. Click on the  icon in the Drawing (New/Edit) window.

The mouse cursor is in point insertion mode .

**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*

2. Single click in a map window to locate a point.
3. As a result, a window appears for an entry of the point's name.



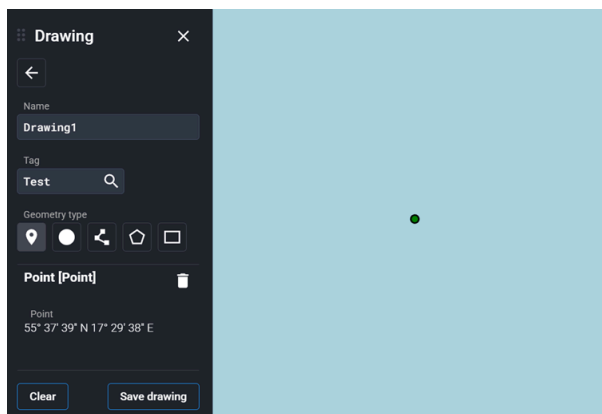
Enter the name of the point in the required text box **Name\***.

- A. To cancel the point, click on the **Cancel** button.
- B. To confirm the point, click on the **Create** button:


- The point will remain displayed in the map window.
- A pane with the point's data will be shown in the Drawing (New/Edit) window, see legend (item 5).


**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*



**Circle**

1. Click on the  icon in the Drawing (New/Edit) window.

The mouse cursor is in circle drawing mode .

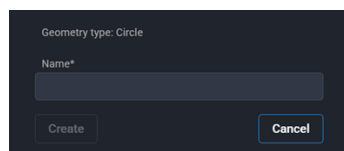
**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*

2. Single click in a map window to locate the center of the circle.
3. Determine the radius (size) of the circle.

Move the mouse cursor to the desired distance from its center and click at that position.

4. As a result, a window appears for an entry of the circle's name.



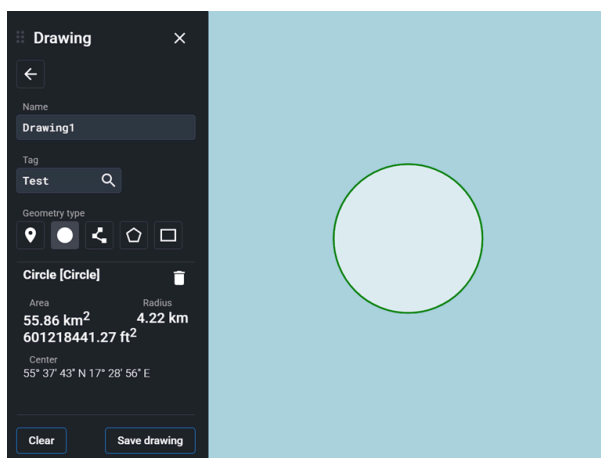
Enter the name of the circle in the required text box **Name\***.

- A. To cancel the creation of a circle, click on the **Cancel** button.
- B. To create the circle, click on the **Create** button:

- The drawn circle will remain displayed in the map window.
- A pane with circle's data will be shown in the Drawing (New/Edit) window, see legend (item 5).

**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*



**Poly-line (LineString)**

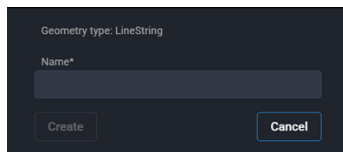
1. Click on the icon in the Drawing (New/Edit) window.

The mouse cursor is in poly-line drawing mode .

**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*

2. Click in a map window a succession of points representing vertices of poly-line you want to create.  
 To edit an poly-line while drawing it, use the icons in the pane (3).
3. **Double-click** the final point to **finish** the object drawing.
4. As a result, a window appears for an entry of the poly-line's name.



Enter the name of the poly-line in the required text box **Name\***.

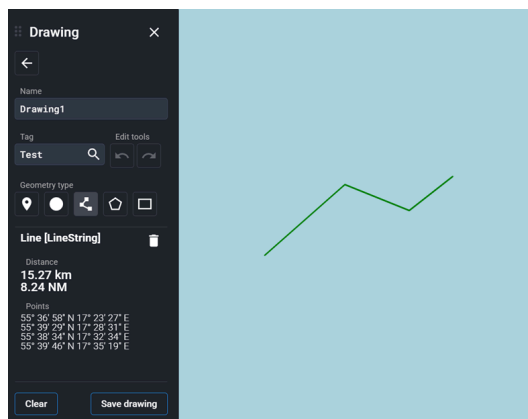
A. To cancel the poly-line, click on the **Cancel** button.

B. To confirm the poly-line, click on the **Create** button:

- The drawn poly-line will remain displayed in the map window.
- A pane with the poly-line's data will be shown in the Drawing (New/Edit) window, see legend (item 5).

**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*



**Polygon**

1. Click on the icon in the Drawing (New/Edit) window.

The mouse cursor is in polygon drawing mode .

**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*

2. Click in a map window a succession of points representing vertices of polygon you want to create.

To edit an polygon while drawing it, use the icons in the pane (3).

3. Use one of the following options:

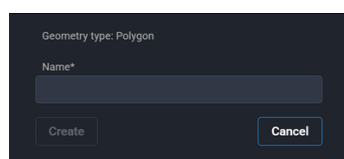
- A. If the last point IS NOT identical to its first point of the polygon drawing, to end the drawing use **double-click** at the last point.

A line connecting the first and last point is automatically created and the polygon is closed.

- B. If the last point IS identical to its first point of the polygon drawing, to end the drawing use **click** at this point.

The polygon is closed.

4. As a result, a window appears for an entry of the polygon's name.



Enter the name of the polygon in the required text box **Name\***.

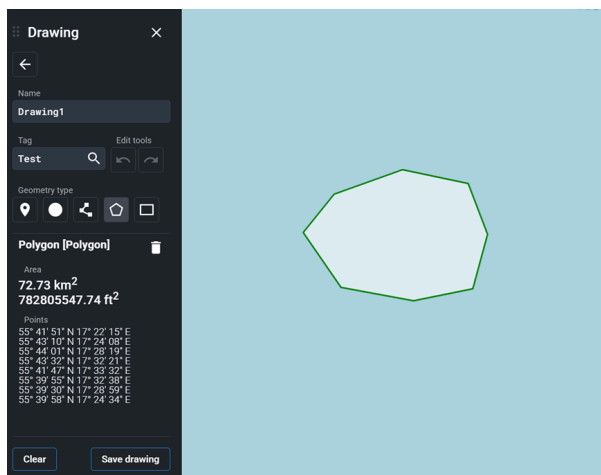
- A. To cancel the polygon, click on the **Cancel** button.

- B. To confirm the polygon, click on the **Create** button:

- The drawn polygon will remain displayed in the map window.
- A pane with the polygon's data will be shown in the Drawing (New/Edit) window, see legend (item 5).


**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*



### Rectangle

1. Click on the  icon in the Drawing (New/Edit) window.

The mouse cursor is in polygon drawing mode .

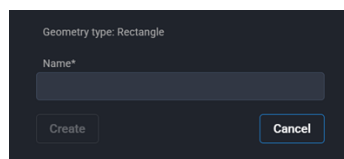
**Note**

*For description of the Drawing (New/Edit) window, see **chap. 3.9.3.1 (page 318)**.*

2. Click in the map window to determine the **first corner** of the rectangle.
3. Determine the height and width (size) of the rectangle.

Move the mouse cursor to the desired **end corner** of the rectangle and click at that point.

4. As a result, a window appears for an entry of the rectangle's name.



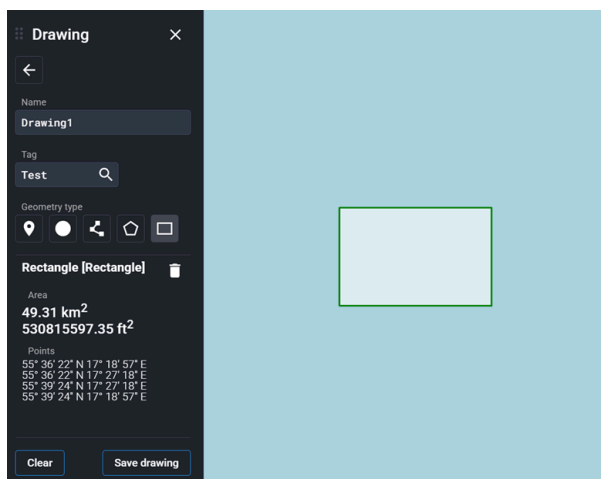
Enter the name of the rectangle in the required text box **Name\***.

- A. To cancel the rectangle, click on the **Cancel** button.
- B. To confirm the rectangle, click on the **Create** button:



- The drawn rectangle will remain displayed in the map window,
- A pane with rectangle's data will be shown in the Drawing (New/Edit) window, see legend (item 5).

**Note**

*For description of the Drawing (New/Edit) window, see chap. 3.9.3.1 (page 318).*



### 3.9.4. Measure

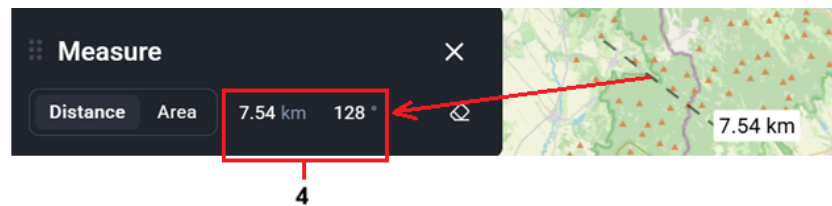
<p><b>Activation options:</b></p>	<p>To open/close the <b>Measure</b> window (see the following figure) to measure distance or area size, <b>click</b> on the <b>Measure</b> item in the <b>Map</b> submenu in the main menu of the PANSA IWB (PILOT Module) application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>For description of the main menu see chap. 3.2 (page 29).</i></p> </div>
	<ul style="list-style-type: none"> <li>- The mouse cursor is in distance/area size measurement mode. (A measurement line/polygon drawing mode)</li> </ul> <p>The distance measurement is automatically activated, the DISTANCE button is ON.</p>
<p><b>Cancel measure mode</b></p>	<ul style="list-style-type: none"> <li>- Use one of the following options:             <ul style="list-style-type: none"> <li>A. Click on the  button to close the Measure window, or</li> </ul> </li> </ul>

- B. Click on the **Measure** item in the **Map** submenu.
  - C. activate the display of another window in the application.
- The default mode is activated for the mouse cursor

**Measure window** enables to select the distance or area measurement in the map window and to display the measurement result.



**Fig. 3.72: Sample of the Measure window (no Measured Values)**



**Fig. 3.73: Sample of the Measure window (with Measured Values)**

**Legend:**

1. Click on the button to close the window.
2. Measurement mode selection buttons:

Button	Description
<b>DISTANCE</b>	Click on the <b>DISTANCE</b> button to measure the distance on the map. Mouse cursor will switch to drawing line of distance measurement mode.
<b>AREA</b>	Click on the <b>AREA</b> button to measure the area size on the map. Mouse cursor will switch to drawing polygon area measurement mode.

**Note**

*DISTANCE measurement is selected as the default.*

*For the techniques of the measurement, see **chap. 3.9.4.1** (page 330).*

3. Click on the  button (icon) to erase the measurement.

**4. Measured Values**

The section displays the result of the current measurement.

The result may include:

**Distance** - total length in [km] and in [NM];

**Angle** - the angle in [°] referring to the last line segment of the measured distance.

**Area** - area size in [km<sup>2</sup>] or in [ft<sup>2</sup>].

**3.9.4.1. Techniques of the measurement****Note**

*By default, the measurement is performed with the **left** mouse button.*

*If you use the **right** button during the measurement and information is available for the click position, the corresponding information window is displayed in addition to inserting a measurement point.*

*For a description of the Information window, see **chap. 3.9.1** (page 306).*

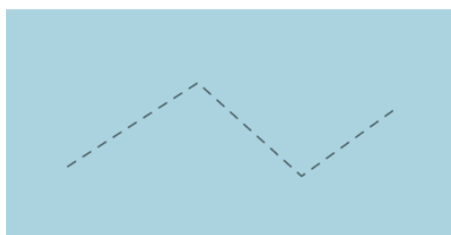
*If the information is not available, a notification will be displayed.*

*The measurement mode remains active and you can resume the measurement when the information window is closed.*

**Distance measuring technique****Warning**

*Every next measurement erases the previous one.*

1. **Pick (by clicking), in a map window** a spot to locate first point of measuring distance/angle and then continue picking/tapping next measuring points while plotting a line (poly-line).



2. **Double-click** on the final point **to finish** your measurement

When the measurement is finished:

- the measured distance is displayed at the last measurement point,
- a pane with the measured values will be shown in the Measure window, see legend (item 4).

**Note**

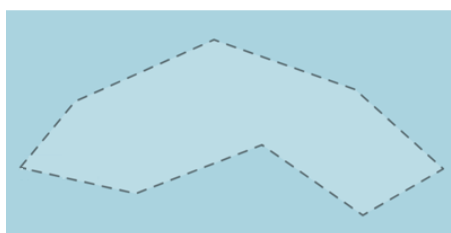
*For description of the Measure window, see **chap. 3.9.4 (page 328)**.*



**Area size measuring technique**

1. **Pick (by clicking), in a map window** a spot to locate first point of measuring polygon area.

Then continue picking/clicking next measuring points while plotting a polygonal area.



2. **Double-click** on the final point **to finish** your measurement

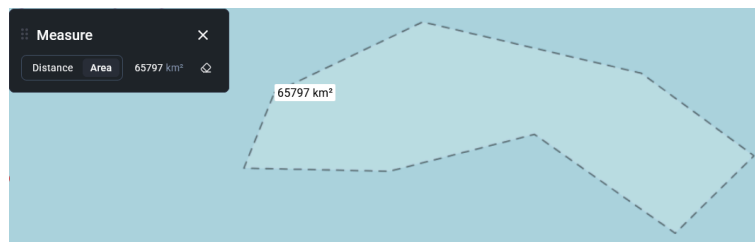
When the measurement is finished:

- the measured area size is displayed at the 1st point of the created polygon,

- a pane with the measured values will be shown in the Measure window, see legend (4).

**Note**

*For description of the Measure window, see **chap. 3.9.4 (page 328)**.*



### 3.10. List Display Settings

This description applies to a list that is displayed in table form.

The list items are listed in the table rows and the item parameters are listed in the table columns.

**For a description of the features for list display setting:**

- Row Sorting, see **chap. 3.10.2 (page 334)**
- Column Order, see **chap. 3.10.3 (page 335)**
- Column Width, see **chap. 3.10.4 (page 336)**
- Context menu of the column, see **chap. 3.10.6 (page 339)**
- Multi-filter, see **chap. 3.10.7 (page 342)**
- Display Setting Bar, see **chap. 3.10.8 (page 345)**



**Important**

*The particular feature is available for the respective list depending on the application configuration.*

*User settings of the list display are preserved even after closing the window or logging back into the application.*

### 3.10.1. List Pagination

Pagination is the automatic division of a list into individual pages according to the number of rows.

The predefined pagination setting, location, set of controls and availability for the respective list depends on the current application configuration.

You can change the pagination settings while you are working with a given list.



#### Important

*Pagination is displayed for the list for which it is enabled.*

*This depends on the current application configuration.*



**Fig. 3.74: Example of the controls for list paging**

Description of control elements:

Control Element	Description
	Drop-down list to set the maximum number of rows per page. <ul style="list-style-type: none"> <li>• 25</li> <li>• 50</li> <li>• 100</li> <li>• All</li> </ul> The predefined or currently selected number is displayed. <b>Click the numeric value</b> to display the menu and select a value.
	Information about the range of currently visible rows out of total number.
	Buttons to scroll on each page of the list: <ul style="list-style-type: none"> <li>➤ <b>Forward</b></li> <li>➤ <b>Backward</b></li> </ul>

Control Element	Description
	<p><b>Note</b></p> <p><i>The button is active if scrolling forward/backward is possible.</i></p>

### 3.10.2. Row Sorting

The predefined sorting of rows in the list depends on the application configuration.

You can manually change this sorting while you are working with the list.



**Note**

*You can sort rows by the values of the selected list column (if available).*



**Important**

*You can change the sorting of rows in a list for which this is allowed.  
This depends on the current application configuration.*

**To manually sorting rows:**



1. Hover over the heading of the column in the respective list by which you want to sort rows by.

The mouse cursor changes to (hand).

2. **Click the column name or the / icon** in the column header.

Data in the table are sorted according to the selected column in ascending/descending order.

The meaning of the icon:



- sort by column data in **ascending** order



- sort by column data in **descending** order

### 3.10.3. Column Order

The predefined order of columns in the list depends on the application configuration.

You can manually change this order while you are working with the list.



#### Important

*You can manually move a column for which this is allowed.*

*This depends on the current application configuration.*

#### To manually move a column:



1. Hover over the heading of the column in the respective list.

The mouse cursor changes to (hand).

2. **Drag and drop** the column to the desired position in the column list by left/right (if possible).

The application snaps to next possible column location you move.

ATYP	ADEP	EOBT
C172	LZJS	250218 12:25
C172	LZJS	250218 12:36

ATYP	EOBT ↑	ADEP
C172	250218 12:25	ADEP ↑ LZJS
C172	250218 12:36	LZJS

Fig. 3.75: Example of manually moving a list column

### 3.10.4. Column Width

The predefined column width in the list depends on the application configuration.

You can manually change this width while you are working with the list.



#### Important

*You can manually change the width of a column for which this is allowed.*

*This depends on the current application configuration.*

#### To manually re-size column width:



1. To change the width of a column, point the mouse cursor over a right border of the column header cell so that the mouse cursor icon changes to  $\leftarrow\| \rightarrow$ .
2. **Drag and drop it** to the left or right to increase/decrease the size of the column as needed or as far as possible (see the following figure).

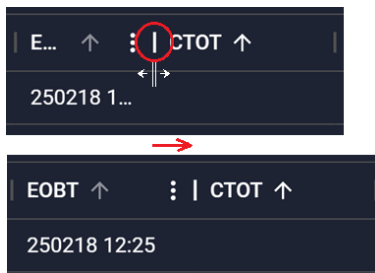


Fig. 3.76: Example of manually changing column width

### 3.10.5. Show/Hide Column



**Important**

*Show/Hide column is only possible for the column for which it is enabled.  
This depends on the current application configuration.*

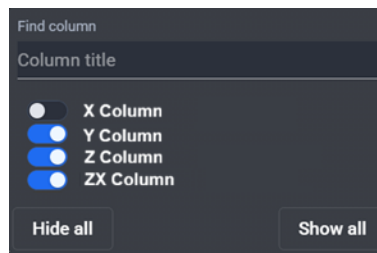
To display a window to show/hide the columns in the list

Click the **Manage columns** item in the context menu of the list column (if available).



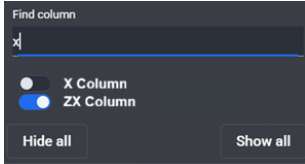
**Note**


*For a description of the context menu, see **chap. 3.10.6 (page 339)**.*



**Fig. 3.77: Example window to show/hide a column in the list**

Description of control elements:

Control Element	Description
<b>Find column</b>	<p>Text field to enter a string of characters to quick search for a column in the displayed list (described later in this table).</p> <p><b>Enter the string of characters from the column name you are looking for into the field.</b></p> <p>The column list is dynamically reduced to only those columns whose names contain the entered string.</p> <div style="text-align: right; margin-top: 10px;">  </div>

Control Element	Description
	<p>The menu of the columns the list may contain.</p> <p>The menu is used to select the columns to be displayed in the list.</p> <p><b>Note</b></p> <div style="border: 1px solid black; background-color: #ffff00; padding: 5px; margin: 10px 0;"> <p><i>The menu content depends on the current configuration of the PANSA IWB (PILOT Module) application.</i></p> </div> <p><b>To show/hide the column</b> in the list, <b>click the respective column name</b> in the menu.</p> <p><u>To the left of the column name is an indication of whether the column is shown/hidden in the list:</u></p> <p><input checked="" type="checkbox"/> <b>Shown</b></p> <hr/> <p><input type="checkbox"/> <b>Hidden</b></p> <hr/> <p><input checked="" type="checkbox"/> <b>Always shown</b></p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>The column with this indication cannot be hidden.</i></p> </div>
<p><b>Hide all</b></p>	<p>Hide all columns at once.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>At least one column must always be shown in the list.</i></p> </div>
<p><b>Show all</b></p>	<p>Shows all columns at once.</p>

**Applying settings**

The filter settings are applied immediately (without confirmation) on the relevant list.


### 3.10.6. Context Menu of the Column


The context menu of the column contains items allowing you to set the list display according to the values of the respective column.

**To display the context menu of the list column:**

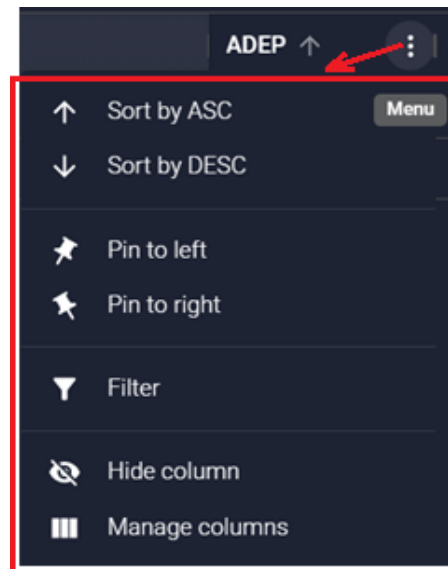


1. Hover over the heading of the column in the respective list.

An context menu icon  will appear to the right of the respective column name.

2. **Click the**  **to display the context menu of the respective column (see the following figure).**

The context menu items are described in the table below.



**Fig. 3.78: Context menu of the list column**

Next to the column name, icons are displayed to indicate the functionalities currently enabled to set the display according to the respective column.

By clicking the icon, you can change/edit the setting according to the respective column.





**Fig. 3.79: Indication of enabled functionalities for the respective column**




**Important**

*A setting made using the context menu from one column of the list will override previous settings made in another column of the list, or a setting made from the bar above the list (as described above). This does not apply to the **Hide column** functionality and the **Manage Columns** functionality.*

The context menu may contain the following items:

Menu item	Description
<b>Sort by ASC</b>	<p>Enables the sorting of rows in <b>ascending</b> order according to the values of the respective column.</p> <p>Enabled functionality is indicated by the icon .</p> <p>By clicking the icon, the row sorting is automatically changed to descending.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>To quickly switch on ascending/descending sorting of rows by the respective column, click its name in the list header.</i></p> <p><i>With further clicks you will cyclically change the sorting from ascending to descending and vice versa.</i></p> </div>
<b>Sort by DESC</b>	<p>Enables the sorting of rows in <b>descending</b> order according to the values of the respective column.</p> <p>Enabled functionality is indicated by the icon .</p> <p>By clicking the icon, the row sorting is automatically changed to ascending.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>To quickly switch on ascending/descending sorting of rows by the respective column, click its name in the list header.</i></p> <p><i>With further clicks you will cyclically change the sorting from ascending to descending and vice versa.</i></p> </div>
<b>Unsort</b>	<p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> <p><i>The item is available if ASCending or DESCending sorting of rows (described above) is enabled in the respective column.</i></p> </div>

Menu item	Description
	<p>Disables ascending/descending sorting of rows according to the values of the corresponding column.</p>
<p><b>Pin to left</b></p>	<p>Pins the respective column to the left edge of the window.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>When scrolling horizontally between columns, it remains in place and above the other columns.</i></p> <p><i>Pinning additional columns will display the columns at the left edge in the order in which they were pinned (first one pinned to the far left).</i></p> <p><i>Pinned columns cannot be moved among unpinned columns.</i></p> </div>
<p><b>Pin to right</b></p>	<p>Pins the respective column to the right edge of the window.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>When scrolling horizontally between columns, it remains in place and above the other columns.</i></p> <p><i>Pinning additional columns will display the columns at the right edge in the order in which they were pinned (first one pinned to the far right).</i></p> <p><i>Pinned columns cannot be moved among unpinned columns.</i></p> </div>
<p><b>Unpin</b></p>	<p>Unpins the respective column pinned to the left/right edge of the window. The column returns to its original position.</p>
<p><b>Filter</b></p>	<p>Displays a window for setting the multi-filter of the proposals in the list according to the values in the respective column, see <b>chap. 3.10.7 (page 342)</b>.</p> <p>Enabled functionality is indicated by the icon .</p> <p>By clicking the icon, a window for modification/setting of the multi-filter is displayed.</p>
<p><b>Hide column</b></p>	<p>Hides the display of the corresponding column in the list.</p>
<p><b>Manage columns</b></p>	<p>Opens a window which allows you to display/hide the selected column in the list see <b>chap. 3.10.5 (page 337)</b>.</p>

### 3.10.7. Multi-filter

A Multi-filter is a compound multiple filter of items in a list. It consists of one or more conditions connected using the logical operator AND/OR.

The filter condition consists of a parameter (i.e. a list column), its value, and a conditional operator between them (e.g. equals, contains, is any of, etc.).

#### To display the Multi-filter setting window of the list:




1. **Click** on the **Filter** item in the context menu of the desired list column (if available).

The Multi-filter setting window of the respective list will display (see example in the following figure).

A row is automatically added to the Multi-filter to define the first filter condition **based on the respective column** of the list.

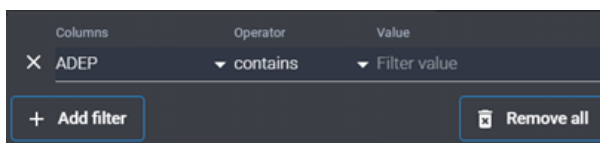
**Note**

*For a description of the column context menu, see **chap. 3.10.6 (page 339)**.*

2. **Click on the**  **icon** next to the name of the column on which at least one of the Multi-filter active condition is based (if available).

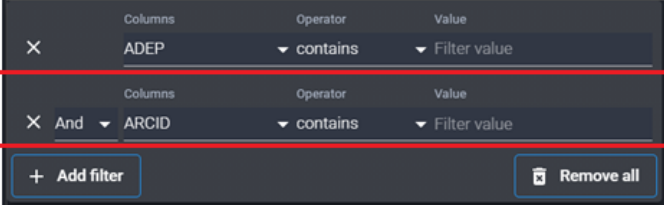
The Multi-filter setting window of the respective list will display (see example in the following figure).

The window contains the current Multi-filter settings, which you can edit or cancel.



**Fig. 3.80: Example of the Multi-filter setting window**

Description of control elements:

Control Element	Description
<p><b>Add filter</b></p>	<p>Button to add another Multi-filter condition/row.</p> 
<p><b>And/Or</b></p>	<p>Drop-down list for selecting a logical operator between Multi-filter conditions.</p> <p>The first option from the drop-down list is automatically selected.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px;"> <p><i>A logical operator can only be set in the second Multi-filter condition row, i.e., in the first row containing this drop-down list. The selected operator is thereby defined for all subsequent Multi-filter conditions added.</i></p> </div>
<p><b>Columns</b></p>	<p>The drop-down list for selecting the column by which the list should be filtered, i.e. it is a selection of the filtering parameter.</p> <p>By default, the selection is set to the column from which the filter setting window was activated.</p>
<p><b>Operator</b></p>	<p>Drop-down list for selecting a conditional operator between a parameter and a filter value.</p> <p>The first option from the drop-down list is automatically selected.</p>
<p><b>Remove all</b></p>	<p>Button to cancel the multi-filter setting according to the respective column of the list.</p> <p><b>Warning</b></p> <div style="border: 1px solid red; padding: 5px;"> <p><i>Your multi-filter settings based on the respective column will be lost.</i></p> </div>

Control Element	Description
Value	Text field for inserting the value of the respective parameter according to the selected conditional operator.
✕	<p>The button to remove a respective Multi-filter condition/row.</p> <p><b>Warning</b></p> <div style="border: 1px solid red; background-color: #ffe6e6; padding: 5px;"> <p><i>Your setting for the respective condition will be lost.</i></p> </div>

## Applying and indicating an active multi-filter



1. A row is automatically added to the Multi-filter to define the first filter condition **based on the respective column** of the list.
2. In the conditions row, enter the appropriate criteria - **Columns**, conditional operators - **Operator** from the drop-down lists, and required values - **Value**.
3. The Multi-filter settings are applied immediately (without confirmation) on the relevant list.




### Important

*The currently applied Multi-filter setting will discard the previous Multi-filter setting regardless whether if the setting was applied from the display setting bar above the list of data or from the context menu of one of the columns of the list.*

*For a description of the bar, see **chap. 3.10.8 (page 345)**.*

*For a description of the column context menu, see **chap. 3.10.6 (page 339)**.*

### Activated Multi-filter is indicated by an icon:

-  - next to the name of the column on which at least one the Multi-filter active condition is based;

Click the  icon to edit the Multi-filter settings.

If more than one active condition is defined in the multi-filter, their number will be displayed above the icon (see the following picture).

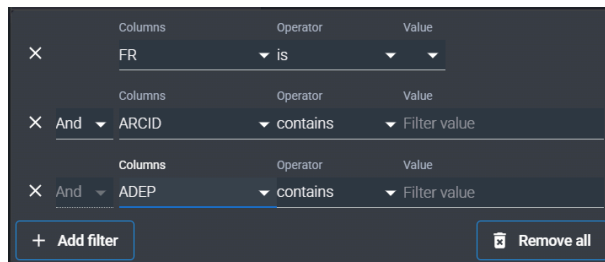
Hover the mouse cursor over the  icon to display a tooltip with information about the active multi-filter conditions based by respective column.

**To disable multi-filter/multi-filter criteria:**



1. Click the **⌵** icon next to the name of the column on which at least one the Multi-filter active condition is based (if available).
2. The Multi-filter setting window of the respective list will display (see example in the following figure).

The window contains the current Multi-filter settings, which you can edit or cancel.



**Fig. 3.81: Example of the Multi-filter setting window**

3. a. To disable an individual active multi-filter condition, click the **⊗** icon next to the condition row.
- b. To turn off the multi-filter, click the "**Remove all**" button.

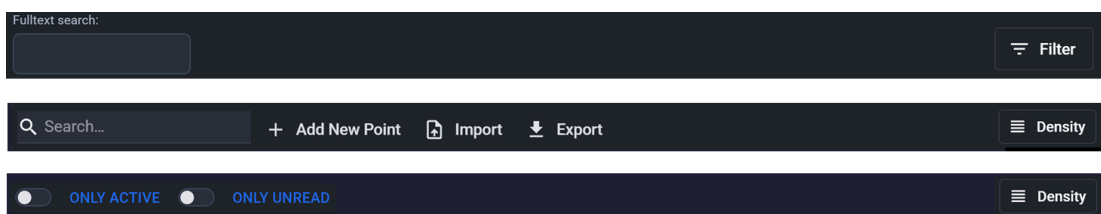
**3.10.8. Display setting bar**



**Note**

*Setting the display of the list is predefined in the application configuration.*

The controls in the bar above the list (following image) are used to change this setting.



**Fig. 3.82: Examples of Display Setting Bar**






**Note**

*The display of controls in the toolbar depends on the current configuration and the type of user logged in.*

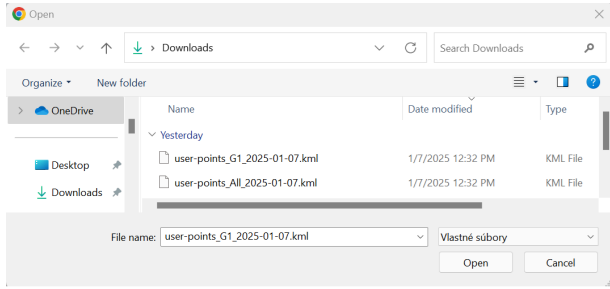
The bar can contains the following controls:

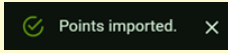
Control Element	List	Description
<b>Add New Point</b>	User Points	<p>The button to add new point in use-points database, see <b>chap. 3.7.5.1 (page 227)</b></p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>Database capacity is limited to 100 points as a maximum</i></p> </div>
<b>Density</b>	News	<p>The button to enable/disable the submenu to set the row density of the list:</p> <ul style="list-style-type: none"> <li>• <b>Compact</b> - highest density</li> <li>• <b>Standard</b> - medium density</li> <li>• <b>Comfortable</b> - lowest density</li> </ul> <p>The currently set/selected option is highlighted in the menu.</p>
<b>Export</b>	User Points	<p>Button to export the current database of user-defined points to <b>.kml/.kmz/.csv/.txt</b> file.</p> <p><b>Note</b></p> <div style="border: 1px solid black; background-color: #ffffcc; padding: 5px; margin: 5px 0;"> <p><i>For a description of the database of user-defined points, see <b>chap. 3.7.5.1 (page 227)</b></i></p> </div> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><i>Database capacity is limited to 100 points as a maximum</i></p> </div> <p><b>Click</b> on the <b>Export</b> button to display the <b>Export user points</b> window.</p>

Control Element	List	Description								
		<div style="border: 1px solid black; padding: 5px; background-color: #f0f0f0;"> <p><b>Export user points</b> <span style="float: right;">✕</span></p> <p>Group of points to export <span style="float: right;">File type</span></p> <p>All <span style="float: right;">.kml</span></p> <p>File name * <span style="float: right;">.kml</span></p> <p>user-points_All_2026-03-24 <span style="float: right;">.kml</span></p> <p style="text-align: right;"><b>Export</b></p> </div> <p><b>Important</b></p> <div style="border: 2px solid black; padding: 5px; margin: 10px 0;"> <p><i>Mandatory field is marked with a * (star).</i></p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Control Element</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td><b>Group of points to export</b></td> <td> <p>In the drop-down list, select the defined group from the user-defined points database that you want to export.</p> <p>To export all points from the current user point database, select the <b>All</b> group.</p> </td> </tr> <tr> <td><b>File type</b></td> <td> <p>In the drop-down list, select the file format for export:</p> <ul style="list-style-type: none"> <li>.kml</li> <li>.kmz</li> <li>.csv</li> <li>.txt</li> </ul> </td> </tr> <tr> <td><b>File name*</b></td> <td> <p>The text field contains a predefined file name format for the export, which you can edit.</p> <p><b>Predefined format:</b></p> <p>Format contains:</p> <ul style="list-style-type: none"> <li>user-points - export object</li> <li>group name - name of the exported point group</li> <li>YYYY-MM-DD - export date</li> </ul> </td> </tr> </tbody> </table>	Control Element	Description	<b>Group of points to export</b>	<p>In the drop-down list, select the defined group from the user-defined points database that you want to export.</p> <p>To export all points from the current user point database, select the <b>All</b> group.</p>	<b>File type</b>	<p>In the drop-down list, select the file format for export:</p> <ul style="list-style-type: none"> <li>.kml</li> <li>.kmz</li> <li>.csv</li> <li>.txt</li> </ul>	<b>File name*</b>	<p>The text field contains a predefined file name format for the export, which you can edit.</p> <p><b>Predefined format:</b></p> <p>Format contains:</p> <ul style="list-style-type: none"> <li>user-points - export object</li> <li>group name - name of the exported point group</li> <li>YYYY-MM-DD - export date</li> </ul>
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<b>Group of points to export</b>	<p>In the drop-down list, select the defined group from the user-defined points database that you want to export.</p> <p>To export all points from the current user point database, select the <b>All</b> group.</p>									
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Control Element	List	Description	
		<b>Control Element</b>	<b>Description</b>
		<b>Export</b>	<p>Click the <b>Export</b> button to export the selected group of points to a file in the selected format and with the selected name.</p> <p>Depending on your current web browser settings, the file may be automatically saved to the <code>Downloads</code> directory.</p> <p>The exported file stores the name of the point, the geographical coordinates of the point's location, group and remark.</p>
<b>Filter</b>	FPL List	<p>The button to open the Filter Settings window, which is intended for setting the specific filter of flight plans in the FPL, list according to the relevant criteria.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><i>For a description of the Filter Settings window, see <b>chap. 3.7.2.3 (page 164)</b></i></p> </div> <p>The enabled criterion of the saved filter is presented by the respective indicator in the bar for setting the display of the FPL list (see the following figure - example)</p> <div style="text-align: center; margin: 10px 0;">  </div> <p><b>Disable filter criteria</b></p> <p>To disable a criterion in the filter, <b>click the close button</b>  /  of its indicator, <b>or uncheck it in the Filter Settings window.</b></p>	
<b>Fulltext search</b>	FPL List	<p>Insert the desired string of characters to search for flight plans in the FPL list</p> <p>By inserting the required string, only those FPLs with parameters (i.e. the values listed in the individual</p>	

Control Element	List	Description
<p><b>Import</b></p>	<p>User Points</p>	<p>columns of the list) matching the current string are dynamically searched for and displayed in the FPL list.</p> <p>Button to import points (data) from a selected <b>.kml/.kmz/.csv/.txt</b> file into the user-defined points database.</p> <p>The database will be supplemented by additional points, however up to 100 points as a maximum.</p> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>Database capacity is limited to 100 points as a maximum.</i></p> </div> <p>For a correct positioning of imported User Points on a map you shall specify and arrange their attributes in column headers in the following order:</p> <ol style="list-style-type: none"> <li>1. Point name</li> <li>2. Latitude of the point position</li> <li>3. Longitude of the point position</li> </ol> <p>Optional:</p> <ol style="list-style-type: none"> <li>1. Group to which point belongs</li> <li>2. Remark</li> </ol> <p><b>Important</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>Point name in the imported file must be <b>without diacritics</b>.</i></p> <p><i>Geographic coordinates of the point locations must be in one of the following <b>supported formats</b> for import.</i></p> </div> <div style="background-color: #f0f0f0; padding: 5px; margin: 10px 0;"> <ul style="list-style-type: none"> <li>- ddH dddH</li> <li>- dddH ddH</li> <li>- ddmmsH dddmmsH</li> <li>- dddmmsH ddmmsH</li> <li>- dd.ddddH ddd.ddddH</li> <li>- ddd.ddddH dd.ddddH</li> <li>- dd°mm'ss"H ddd°mm'ss"H</li> <li>- ddd°mm'ss"H dd°mm'ss"H</li> <li>- dd°mm'ss.ss"H ddd°mm'ss.ss"H</li> <li>- ddd°mm'ss.ss"H dd°mm'ss.ss"H</li> </ul> </div>

Control Element	List	Description																																																																		
		<p><u>Explanatory notes:</u></p> <p>dd/ - Degrees ddd</p> <p>mm - Minutes ss - Seconds</p> <p>.dddd - 4 decimal places of decimal degrees value .ss - 2 decimal places of decimal seconds value</p> <p>H - Designator of Earth's hemisphere, where: S = South N = North W = West E = East</p> <p>A correct entry of user points in an <b>.xls</b> file to be imported can be seen on the picture below.</p> <table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UserPoint1</td> <td>49N</td> <td>018E</td> <td>Group1</td> <td>1st user point</td> </tr> <tr> <td>2</td> <td>UserPoint2</td> <td>049N</td> <td>18E</td> <td></td> <td>2nd user point</td> </tr> <tr> <td>3</td> <td>UserPoint3</td> <td>0481630s</td> <td>164918e</td> <td>group2</td> <td></td> </tr> <tr> <td>4</td> <td>UserPoint4</td> <td>471630s</td> <td>0164918e</td> <td>Group1</td> <td></td> </tr> <tr> <td>5</td> <td>UserPoint5</td> <td>46.1503N</td> <td>015.4930e</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>UserPoint6</td> <td>046.1505N</td> <td>15.4930e</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>UserPoint7</td> <td>40°18'19"N</td> <td>020°15'20"W</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>UserPoint8</td> <td>040°18'18"N</td> <td>20°15'19"W</td> <td>group2</td> <td></td> </tr> <tr> <td>9</td> <td>UserPoint9</td> <td>12°52'14.14"S</td> <td>120°59'50.34"E</td> <td>group2</td> <td></td> </tr> <tr> <td>10</td> <td>UserPoint10</td> <td>012°52'14.15"S</td> <td>20°59'50.34"E</td> <td></td> <td>last user point</td> </tr> </tbody> </table> <p><b>Click the Import button to display the standard system window for searching and opening the selected file into the application.</b></p> 		A	B	C	D	E	1	UserPoint1	49N	018E	Group1	1st user point	2	UserPoint2	049N	18E		2nd user point	3	UserPoint3	0481630s	164918e	group2		4	UserPoint4	471630s	0164918e	Group1		5	UserPoint5	46.1503N	015.4930e			6	UserPoint6	046.1505N	15.4930e			7	UserPoint7	40°18'19"N	020°15'20"W			8	UserPoint8	040°18'18"N	20°15'19"W	group2		9	UserPoint9	12°52'14.14"S	120°59'50.34"E	group2		10	UserPoint10	012°52'14.15"S	20°59'50.34"E		last user point
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Control Element	List	Description
		<p>The <code>Downloads</code> directory is automatically displayed, where the export files from the user-defined points DB are stored.</p> <p>Select the file to import and click the <b>Open</b> button to open it in the application.</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>You will receive a notification that the points have been successfully imported.</i></p> <div style="text-align: center; margin: 5px 0;">  </div> <p><i>If the imported data is incorrect, the import will not be performed and the corresponding notification will be displayed (following picture - sample).</i></p> <div style="display: flex; justify-content: space-around; margin: 5px 0;"> <div style="border: 1px solid black; background-color: #333; color: white; padding: 2px 5px; font-size: 0.8em;"> <span style="color: red;">ⓘ</span> Some of the data in imported file is invalid: User point coordinates are invalid at line 2. <span style="float: right;">✕</span> </div> <div style="border: 1px solid black; background-color: #333; color: white; padding: 2px 5px; font-size: 0.8em;"> <span style="color: red;">ⓘ</span> Some of the data in imported file is invalid: Imported file has unknown format. <span style="float: right;">✕</span> </div> </div> </div> <p>Existing points in the list of points in the <b>User Points</b> window are updated based on the data from the imported file, and new points are added to the list.</p> <p>The database will be supplemented by points, however up to 100 points as a maximum.</p> <p>For the imported point, the Remark column displays the information from which file it was imported (e.g. Imported from user-points_G1_2025-01-07.kml).</p> <p><b>Note</b></p> <div style="border: 1px solid yellow; padding: 10px; margin: 10px 0;"> <p><i>For a description of the User Points window, see <b>chap. 3.7.5.1 (page 227)</b></i></p> </div>
<p><b>ONLY ACTIVE</b></p>	<p>News</p>	<p>The toggle button to show <input checked="" type="checkbox"/> / hide <input type="checkbox"/> only active newsletters in the list , see <b>chap. 3.8.8 (page 301)</b></p>
<p><b>ONLY UNREAD</b></p>	<p>News</p>	<p>The toggle button to show <input checked="" type="checkbox"/> / hide <input type="checkbox"/> only unread newsletters in the list , see <b>chap. 3.8.8 (page 301)</b></p>

Control Element	List	Description
<b>Search ...</b>	User Points	<p>Search in the list by the character string entered in the search field.</p> <p>By inserting the required string, only those points with parameters (i.e. the values listed in the individual columns of the list) matching the current string are dynamically searched for and displayed in the User Points list, see <b>chap. 3.7.5 (page 223)</b></p>