



Operator User Manual

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For updates contact:

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Contents

- [1. Preparing a Route](#)
 - [1.1 Steps for Preparing an IFR Route](#)
 - [1.2 AutoRouter Settings](#)
 - [1.3 Steps for Preparing a VFR Route](#)
 - [1.4 Additional Inputs for Field 18 Flight Plan](#)
- [2. Selecting Alternates](#)
 - [2.1. Entering Destination Alternate](#)
 - [2.2. Entering Departure Alternate](#)
- [3. Entering Fuel For Flight](#)
 - [3.1 Minimum Required Fuel](#)
 - [3.2 Ramp Fuel / Off Block Fuel](#)
 - [3.3 Fuel Calculation Detail](#)
 - [3.4 Selecting Power Settings](#)
 - [3.5 Aircraft Default Fuel Setup](#)
- [4. Entering Crew And Safety Equipment](#)
 - [4.1 Entering Crew](#)
 - [4.2 Entering Safety Equipment](#)
- [5. Viewing And Updating The Flight Briefing Pack](#)
 - [5.1 Viewing & Updating Briefing Pack](#)
 - [5.2 Sending Briefing Pack to Crew](#)
 - [5.3 Selecting Contents for Briefing Pack](#)
 - [5.4 Quick Weather Briefing](#)
 - [5.5 Quick NOTAM & Airport Briefing](#)
- [6. Filing Flight Plan](#)
 - [6.1 Ready to File](#)
 - [6.2 Not Ready to File](#)
 - [6.3 Plan Filed, Waiting for Acknowledgement](#)
 - [6.4 Messages Sent Upon Filing](#)
- [7. Managing Flight Plan](#)
 - [7.1 Functions Available](#)
 - [7.2 Delay Flight Plan](#)

- [7.3 Bring Forward Flight Plan](#)
- [7.4 Change Flight Plan](#)
- [7.5 Check Status \(Europe IFR Only\)](#)
- [7.6 Cancel Flight Plan](#)
- [8. Tracking Flight](#)
- [9. Post Flight Accessing Flight Details](#)
 - [9.1 Viewing Flight Briefing and Details](#)
 - [9.2 Refile Flight](#)
- [10. Mass & Balance](#)
 - [10.1 Using Mass and Balance](#)
- [11. Flight Log Layout Detail](#)
 - [11.1 Format EU OPS 1.290/FAR 135/121 Variant](#)
 - [Page 1 - General Information](#)
 - [Page 2 of Flight Log](#)
 - [Pages 3 & 4](#)
 - [11.4 Changing Flight Log Template](#)
- [12. Reviewing / Modify Aircraft Setup](#)
 - [12.1 Basic Setup Details](#)
 - [12.2 Equipment](#)
 - [12.3 Search & Rescue](#)
 - [12.4 Mass & Balance Setup](#)
 - [12.5 Fuel & Performance](#)

1. Preparing a Route

1.1 Steps for Preparing an IFR Route

- 1.1.1 Main Menu - Click Plans.
- 1.1.2 Plans Menu - Click New Plan.
- 1.1.3 Select Aircraft - This will load Default Airspeed, Flight Level.
- 1.1.4 Enter Departure (ADEP) and Destination (ADES).
- 1.1.5 Enter Date of Flight (DOF) and Estimated Off-Block Time (EOBT).
- 1.1.6 Check Flight Rules; IFR, Yankee, Zulu, VFR.
- 1.1.7 Check Type of Flight; General Aviation, Scheduled, Non-Scheduled.
- 1.1.8 Check Airspeed, Flight Level Defaults are acceptable.
- 1.1.9 Press AutoRoute or Manually Enter Route into Route Box.
- 1.1.10 Adjust Route by manually editing Route Box.
- 1.1.11 Press Validate (if in Europe) to validate the route with Eurocontrol.
- 1.1.12 If the Route is not valid, an error will be returned. Read this error and correct the route.
- 1.1.13 If the Route is valid, a green tick will be displayed. This means the route has been Validated by Eurocontrol and the Route can be Saved.
- 1.1.14 Now continue to Select Alternates.

1.2 AutoRouter Settings

- 1.2.1 Allows the User to adjust how AutoRouter calculates a route.
- 1.2.2 Enter Via Waypoint to request a route using that Waypoint. Note: Waypoint must be valid for the route accounting for any relevant restrictions.
- 1.2.3 Minimum / Maximum set the minimum and maximum flight levels AutoRouter will look for when calculating a route.

1.3 Steps for Preparing a VFR Route

- 1.3.1 For a VFR route, select Flight Rules to VFR.
- 1.3.2 The line drawn on the graphical map can now be dragged to waypoints, user waypoints and VRPs.
- 1.3.3 There is no validation process required for a VFR route.

Aircraft	Flight No	
Select	(Optional)	
Departure (ADEP)	Destination (ADES)	
Date (DOF)	Time (EOBT) 14:10 L	
27-Aug-2014 Wed	11:10 Z	
Flight Rules	Type of Flight	
IFR - Instrument	G - General	
Airspeed	Flight Level	Enroute Time (EET)
N0495	330	hhmm Auto EET
Reverse	Validate	AutoRoute
DCT		
▼ Autoroute Settings		
Min FL	290	Route Via Waypoint 1
Max FL	410	Route Via Waypoint 2

1.4 Additional Inputs for Field 18 Flight Plan

1.4.1 From the Route page expand the section “Field 18 Additional Inputs”.

1.4.2 The system will intelligently complete Field 18 for the ICAO flight plan, the pilot and dispatcher can review this information.

1.4.3 Automations included by the system:

- Automatically calculate the EET crossing points of FIRs.
- Automatically calculate the EET for Yankee/Zulu crossover to VFR.
- Automatically enter and populate non-ICAO airports where ZZZZ addressing must be used.
- Automatically enter Performance Based Navigation information (PBN).

1.4.4 RocketRoute supports all Remark types allowed:

- RMK/ Free text to add information for authorities about the flight.
- EET/ Estimated Enroute Time points for the flight.
- DEP/ Departure location and coordinates if non-ICAO.
- DES/ Destination location and coordinates if non-ICAO.
- RMK/ASL Add the Slot number for the flight if regulated.
- REG/ Add the Aircraft ID if the Flight is prepared with a Flight Number.
- OPR/ This is automatically added under Account Settings.
- TYP/ Used if the aircraft is hobby/experimental and non-ICAO.
- PER/ Add additional performance data.
- COM/ Add additional communications equipment.
- NAV/ Add information about your NAV equipment.
- SAR/ Type of search and rescue required.
- RIF/ Add route of revised ADES, if you have changed it inflight.
- SEL/ Add SELCAL code.
- STS/ Add the reason for special treatment if there any.
- Add additional information if you want to stay longer in some waypoint during your flight. Write the reason in this field (taking pictures, for example). Please write in the route box the name of you waypoint/time you wish to stay there/name of waypoint again (for example - AMLUH/N0432F240 M852 **POVEL STAY1/0020 POVEL** Z16 KENIG Z20 BIRKA. It means that you will stay over POVEL point for 20 minutes). This time will be automatically added to endurance.

▼ Field 18 (Additional Inputs):

RMK/	CREW CONTACT +4456785430	+
RMK/	FILED BY +441273782130	-
EET/		+
DEP/	Departure Airport if	Airfield name
DEST/	Destination Airport i	Airfield name
RMK/ASL	Airport Slot Number	
ALTN/	Airport name if ZZZZ used as Alternate	
REG/	Aircraft Registration if flight number	
OPR/	Operator details change in settings	
PBN/	A1B2O2S1	
TYP/	Describe aircraft if ZZZZ used for type	
PER/	Aircraft performance data if not standard	
COM/	Information related to COM equipment	
NAV/	Information related to NAV equipment	
SAR/	Type of search and rescue required	
RIF/	Route of revised ADES, re-cleared inflight	
SEL/	SELCAL code	
STS/	Reason for special treatment	
Additional information such as STAYINFO1/		
	/	+

2. Selecting Alternates

2.1. Entering Destination Alternate

- 2.1.1 Main Menu - Click Plans.
- 2.1.2 Plans Menu - Click Draft Plan to enter Alternates.
- 2.1.3 Flight Summary - Click Step 1 Route.
- 2.1.4 Scroll down to section for Alternates.
- 2.1.5 Enter the ICAO code of the Airport you wish to use as Alternate 1.
- 2.1.6 Optionally enter your Alternate 2 as per 2.1.5.
- 2.1.7 The system will automatically calculate fuel to the Alternates and will provide METAR/TAF and NOTAM information in the Flight Briefing Pack.
- 2.1.8 Press Save or Next.

If you require a Full Airways Routing for your Alternates, go to:

- 2.1.9 Main Menu - Click Account.
- 2.1.10 Open section for Flight Log.
- 2.1.11 Tick the option for Airway Routing to Alternates.

2.2. Entering Departure Alternate

Departure Alternate function is for operators of twin engine aircraft types. This function requires that all the advanced performance data for this aircraft is complete, including Single Engine Performance.

Departure Alternate considers the scenario where an engine fails after take-off and the aircraft is unable to return to its departure airport e.g. below operating minima.

- 2.2.1 Tick the option Use Alternate 1 as a Departure alternate.
- 2.2.2 A circle will be drawn around your Departure Airport showing the range that can be flown within X minutes based on your Single engine performance.
- 2.2.3 Enter your preferred alternate in Alternate 1 input box.

The screenshot displays the 'Entering Destination Alternate' screen in the RocketRoute application. At the top, there are three input fields for 'Airspeed' (N0432), 'Flight Level' (F350), and 'Enroute Time (EET)' (0203), with an 'Auto EET' button to the right. Below these are three green buttons: 'Reverse', 'Validate', and 'AutoRoute'. A large white box in the center contains the flight plan text: 'VIREX/N0432F190 R492 DIN A25', 'GODAN/N0432F350 UN862 TERPO', 'UT176 DESAB UN867 NENEM UP75', and 'NEA UN864 VULPE'. Below this box is a green checkmark and the text 'Success! Ready to file.'. Underneath is a dark grey bar with a play button icon and the text 'Autoroute Settings'. Below that are two input fields for 'Alternate 1' and 'Alternate 2', both containing the text '(optional)'. Below these are two checkboxes: 'Use Alternate 1 as Departure Alternate' and 'Show ETOPS planning', both of which are currently unchecked. At the bottom is a dark grey bar with a play button icon and the text 'Field 18 (Additional Inputs):'.

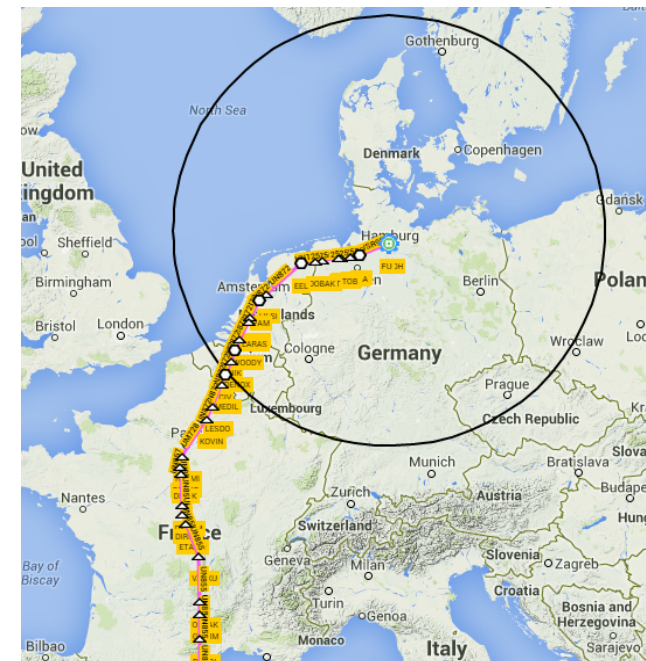
2.2.4 By default the range ring will be 60 minutes. You can adjust this under the Account Settings. Goto Main Menu, Click Account. Open Flight Log and adjust the default range for single engine operation.

2.2.5 The Departure Alternate range ring and alternate will be displayed in the Briefing Pack Winds chart.

Note: when selecting Airports you can view all available airports on the map by clicking Map Settings and turning on Airports.

▼ Configuration

Full routing to alternates	☒
Departure Alternate [max minutes]	60
Use ZERO winds	☐
Use MORA instead of MEA	☐
Use ISA Temps in Flight Log	☐



3. Entering Fuel For Flight

Enter Fuel for Flight ONLY after you have prepared a route and have completed payload using the Mass & Balance.

After a Flight has been filed, if Last Minute Changes are required, please Re-check Minimum Fuel Required.

3.1 Minimum Required Fuel

RocketRoute calculates the Required Fuel for the flight using 2 models:

1. Basic Fuel Calculation - suitable for Piston aircraft.
2. Advanced Fuel Calculation - suitable for Turbine aircraft.

This guide covers 2. only.

- 3.1.1 Main Menu - Click Prepare Plan.
- 3.1.2 Prepare Plan - Click Fuel.
- 3.1.3 Select the units for your Fuel. System provides: Gallons (US), Litres, Pounds and Kilos. By default the system will use the Units set for the Aircraft.
- 3.1.4 The system will calculate Min. Required Fuel. This will incorporate system settings for contingency reserves and taxi fuel (see later section).

3.2 Ramp Fuel / Off Block Fuel

- 3.2.1 Enter Initial Fuel Onboard.
- 3.2.2 Enter Uplift. This is the fuel that will be added prior to Departure at the airport.
- 3.2.3 Ramp Fuel or Off Block Fuel is calculated at Initial Fuel + Uplift.
- 3.2.4 Endurance is calculated automatically based on Ramp Fuel.
- 3.2.5 Endurance time can be over-written is required.
- 3.2.6 Initial Fuel is always set to 0 by default and Uplift equals Minimum Required Fuel.
- 3.2.7 It is the pilot and dispatchers responsibility to check all fuel calculations prior to departure. Therefore the system requires the user positively enters a value.
- 3.2.8 If desired, the user may click Max Fuel or may click the V down to select Min Fuel.
- 3.2.9 If Ramp Fuel is less than Minimum Required Fuel it will be flagged in Red. On the Flight Log a warning will be displayed "Insufficient Fuel".

LFRK	IFR	08:00 - 10:03
CAEN CARPIQU	CITXL	05-SEP-2014
LEMG	C56X	EET 02:03
MALAGA COSTA	20200 LBS	+5% 812 NM
DRAFT	FIRSTOFFIC	GS 396 kts

▼ Fuel	Max Fuel ▼
--------	-------------------

Template	EU-OPS 1.290/FAR 135/121
	Change

Units	Pounds ▼
-------	----------

Min. Required Fuel	3277.13
--------------------	---------

▼ Fuel load	
-------------	--

Initial Fuel	0.00
--------------	------

Uplift	3500.00
--------	---------

Ramp Fuel [Off Block]	3500.00
-----------------------	---------

Endurance (HH/MM)	02 ▼ 50 ▼
-------------------	-----------

▶ Fuel Calc	
-------------	--

3.3 Fuel Calculation Detail

3.3.1 Main Menu - Click Prepare Plan.

3.3.2 Prepare Plan - Click Fuel.

3.3.3 This information is provided for reference and will correspond directly to Flight Log.

3.3.4 Final Reserve is calculated based on entered Alternates and Aircraft Setup. This value can be manually overwritten.

3.3.5 Taxi Fuel is calculated based on Aircraft Setup. This value can be manually overwritten.

▼ Fuel Calc	
Trip Fuel	2930.60
+ Destination contingency	146.53
Alternate 1	0.00
Alternate 2	0.00
Alternate Contingency Fuel	0.00
+ Final Reserve	0.00
= Minimum take-off fuel	3077.13
+ Extra fuel (optional)	222.87
= Take off fuel	3300.00
+ Taxi fuel	200.00
= Off Block	3500.00
Burn [taxi + destination]	3130.60
Jet-A Conversion lbs/USGal	6.75

3.4 Selecting Power Settings

3.4.1 Main Menu - Click Prepare Plan.

3.4.2 Prepare Plan - Click Fuel.

3.4.3 Minimum Required Fuel is calculated based on the Power Settings defined for the Flight and Aircraft.

3.4.4 Adjusting Power Settings will change the Minimum Required Fuel. Please recheck if Power Settings are Adjusted.

3.4.5 Power Settings match the Aircraft Operating Handbook and Cover the main stages of Flight Climb, Cruise, Descent.

3.4.6 The system will use the default power settings set for the chosen Aircraft. Clicking the Dropdowns will offer the other Power settings available.

3.4.7 If performance data is not available for a Flight Level, Mass and ISA then a warning will be provided. Adjust the Power Settings until no warnings are displayed.

3.4.8 If the user continues to dispatch a flight with errors reported then the fuel calculation WILL BE incorrect.

3.4.9 Adjacent to the stage of Flight is a Mass value. This shows the Total Mass of the Aircraft at Take-Off, Top of Climb, Top of Descent.

3.4.10 Clicking Briefing Back button will provide a Flight Log in a new window allowing the pilot or dispatchers to sense check the flight log.

3.4.11 Clicking Adjust FL allows the user to return to the Prepare Route section and modify the route. For example to lower the Flight Level to meet the Payload/Fuel requirements of the Flight.

3.4.12 Power Settings selected for a flight are included on the Flight Log printed.

3.4.13 Once the Power Settings have been reviewed and Accepted and that Ramp Fuel is higher than Minimum Required Fuel, Press Save or Next to continue.

Units	Pounds	▼
Min. Required Fuel	3277.13	
▼ Fuel load		
Initial Fuel	0.00	
Uplift	3500.00	
Ramp Fuel [Off Block]	3500.00	
Endurance (HH/MM)	02	50
▶ Fuel Calc		
▼ Performance Profile	Briefing Pack	
Climb	Mass = 16,548	
Normal climb	▼	
Cruise	Mass = 15,587 - 13,998	
Normal cruise	▼	
Descent	Mass = 13,998	
'Normal'	▼	
Adjust FL		

3.5 Aircraft Default Fuel Setup

Note: Editing Aircraft Setup Should NOT be required for normal day-to-day use. Please check with your Master user for the system prior to editing Aircraft Setup Data.

3.5.1 Main Menu - Click Aircraft.

3.5.2 Select Aircraft to Modify/Edit.

3.5.3 Ensure that the Aircraft Performance Data is complete and fully setup for the chosen aircraft. Contact support@rocketroute.com if you have queries about the performance data model of the aircraft.

3.5.4 Ensure Template is set to Advanced.

3.5.5 Select fuel type.

3.5.6 Select Units for the aircraft:

- GPH (US Gallons Per Hour)

- LPH (Litres Per Hour)

- PPH (Pounds Per Hour)

- KPH (Kilos Per Hour)

3.5.7 Enter Max Fuel capacity of the Aircraft based on its Dry Empty Mass.

3.5.8 Enter Default Taxi Fuel for all Flights.

3.5.9 Enter Operations Reserve is required.

3.5.10 Enter Contingency % that will be applied to Trip Fuel and Alt Contingency % that will be applied to Alternate Fuel. In the box 'Minimum' a set amount of the contingency fuel can be indicated. The biggest amount will be taken while preparing a flight plan.

3.6.11 Click Save once checked and reviewed.

Fuel & Performance (Optional) 	
Template	Advanced (Jet) 
Fuel Type	JET-A1 
Units	PPH 
Max Fuel	6790.0
Taxi	200.0
Reserve Fuel	1200.0
Contingency %	5 500 Minimum
Alt Contingency %	3 400 Minimum

4. Entering Crew And Safety Equipment

4.1 Entering Crew

- 4.1.1 Main Menu - Click Prepare Plan.
- 4.1.2 Prepare Plan - Click Crew.
- 4.1.3 Enter Persons on Board for the Flight.
- 4.1.4 Select from the Drop down the Pilot in Command.
- 4.1.5 Select from the Drop down the First Officer.
- 4.1.6 Under both Drop Downs is the option to Add a Pilot. Only use this option if you are using the Master Account for the company.
- 4.1.7 Once complete and reviewed click Save or Next.

▼ Crew

Persons on Board (POB)

001

Pilot in Command (PIC)

DEMO FIRSTOFFICER ▼

kusa@republic247.com
+49123456789

First Officer (FO)

NONE ▼

▼ Survival Equipment

Dinghies

0

Capacity

0

Colour

YELLOW ▼

Cover

☐

Aircraft Colour & Markings

4.2 Entering Safety Equipment

4.2.1 Main Menu - Click Prepare Plan.

4.2.2 Prepare Plan - Click Crew.

4.2.3 Safety Equipment will be loaded by default as setup for the aircraft. Adjustments can be made for a specific flight if specific equipment has been removed.

NOTE: Ticking the items of equipment means INCLUDE. On the old ICAO flight plan form an X was placed into the equivalent boxes to mark EXCLUDE. This is sometimes raised by pilots for clarity.

▼ Survival Equipment

Dinghies

1

Capacity

4

Colour

ORANGE

Cover

Aircraft Colour & Markings

WHITE

Remarks

Emergency Radios

UHF

VHF

ELT

Survival

Polar

Desert

Maritime

Jungle

Jackets

Light

Fluores

UHF

VHF

Note: Tick boxes if equipment available

5. Viewing And Updating The Flight Briefing Pack

5.1 Viewing & Updating Briefing Pack

5.1.1 Main Menu - Click Prepare Plan.

5.1.2 Click Briefing Pack. This will download a PDF of the Briefing Pack for the Flight.

5.1.3 Once a Route has been generated for a Flight, the system will automatically generate the Briefing Pack.

5.1.4 Briefing Packs are updated automatically every hour prior to departure.

5.1.5 Once the EOBT has passed the Briefing Pack is no longer updated.

5.2 Sending Briefing Pack to Crew

5.2.1 The system will automatically send a copy of the Briefing Pack by e-mail upon Filing the Flight Plan. This is sent to the User Account that filed the flight plan and also to the Commander and First Officer of the flight.

5.2.2 A Briefing Pack can also be e-mailed at any time to any recipient using the E-mail Briefing button.

5.2.3 When pressed an option list of elements from the Briefing Pack can be selected to be e-mailed.

5.2.4 A Briefing Pack may also be sent by Fax. Click Fax Briefing. This has the same functionality as sending by E-mail.

	LFRK CAEN CARPIQU LEMG MALAGA COSTA DRAFT	IFR CITXL C56X 20200 LBS FIRSTOFFIC	08:00 - 10:03 05-SEP-2014 EET 02:03 +5% 812 NM GS 396 kts
1	Route	✓	
2	Fuel - M & B - Crew	✓	
	Passengers		
	Handling SLOT PPR		Mandatory
3	File Flight Plan		
	Flight Log		
	M & B		
	Briefing Pack		
	E-mail Briefing		
	Fax Briefing		

5.3 Selecting Contents for Briefing Pack

5.3.1 Main Menu - Click Account.

5.3.2 Select Briefing Pack Section and Click to Open.

5.3.3 Tick the Options to be included in all Flight Briefings.

5.3.4 Do this from the Master Account to apply to all users.

5.3.5 The following Sections are available to be added to the Briefing Pack:

- Flight Log - using the selected template.
- Enroute Chart - an airways chart print.
- NOTAM Briefings:
 - Enroute - Provides Departure, Destination and Alternate Airports including SNOWTAMs where published.
 - FIR - Provides NOTAMS for FIRs crossed during the flight. NAT Track - Include NAT Track NOTAMS as published.
 - Checklist (Audit Purposes) - Includes All NOTAMS including those not relevant for the date of flight.
- M & B - Mass & Balance Calculation for the Flight.
- Significant WX - Print out of the Significant weather for Region. E.g. Europe, N America, Africa, S America, Asia Regions.
- METAR/ TAF / SIGMET:
 - RAW - Raw METAR/TAF reports for Departure, Destination and Alternates. Includes any SIGMETS where published.
 - DECODED - In easy to read format. Note this extends the report significantly.
 - ENROUTE - Any airports where METAR/TAF information is published within a 50 nm corridor of the route.

▼ Briefing Pack	✓
Tick sections to include	
Flight Log	☒
Enroute Chart	☐
NOTAM Briefings	
Enroute	☒
FIR	☒
NAT Track	☒
Checklist (Audit Purposes)	☒
M & B	☒
Significant WX	☐
METAR / TAF / SIGMET	
RAW	☐
DECODED	☐
ENROUTE	☐

- Wind — A wind forecast based on the date/time of departure. This is up to 5 days. Flights plans further than 5 days in advance are displayed with Still Air. This is provided as a vertical and horizontal format.
- Icing — Provided in vertical and horizontal format. This shows the likelihood of Icing as the Flight Plan Flight Level.
- Passenger Master Ticket — Provides a report for the Command of Passenger names and details for the flight.
- GAR — enables all users to prepare and send UK GAR Forms (General Aviation Report) when flying into the United Kingdom.
- eAPIS — enables users to prepare and send US eAPIS Forms (Electronic Advance Passenger Information System) when flying into the United States of America.
- ICAO Flight Plan Form — Copy of the traditional ICAO flight plan form that can be faxed to ATC in case of emergency.
- Uploaded Docs — If the planner/dispatcher has uploaded any documents they will be included in the briefing if ticked.
- RAIM Prediction — Provides an analysis of potential GPS outages during the flight.
 - Airport Plates:
 - Departure — This uses the Library of Airports which the user has subscribed to. They are sent upon Filing automatically as Zip files to the Dispatcher/Planner that files the Flight Plan and to any Crew members on the Flight.
 - Destination — As above.
 - Alternate — As above.
- Runway Performance - allows users to request and retrieve runway analysis briefings automatically from the RocketRoute.

Wind	
Icing	
Passenger Master Ticket	
GAR	
eAPIS	
ICAO Flight Plan Form	
Uploaded Docs	
RAIM Prediction	
Airport Plates	
Departure	
Destination	
Alternate	
Runway Performance	

5.4 Quick Weather Briefing

The system provides many ways to quickly perform a Weather Briefing.

In-Map Lookup

5.4.1 Main Menu - Click Prepare Plan.

5.4.2 Click Map Settings - Select Airports.

5.4.3 Click Airport Icon. Displays current METAR/TAF.

Weather Menu

5.4.4 Main Menu - Click Weather.

5.4.5 Enter into Search Box Airport ICAO Code and Click Search button.

5.4.6 Click Save to list, this will add the METAR as a shortcut to your Weather Page.

5.4.7 Other Reports are available from the Weather Menu including:

- Hourly Briefings;
- Significant Weather;
- Winds Aloft by Time and Date.
- Icing
- Metar / TAF

Route Weather Briefing

5.4.8 The User can View the Flight Briefing pack including Weather Briefing. See Section 5.1.

LFRK - CAEN CARPIQUET

4910N00027W

N49.17328W0.44988

4910.10N 00027.27W

METAR

051330Z AUTO 36005KT 300V060 9999 SCT024 OVC068 22/15 Q1015

TAF

051400Z 0515/0524 35007KT 9999 BKN025

BECMG 0518/0521 VRB03KT PROB40 0521/0524 3000 BR BKN007

Aerial View

Airport Plates

NOTAM

Show SID

Show STAR

VFR

EGKA SHOREHAM

051650Z 34007KT 9000 BKN030 20/14 Q1015

VFR

EGLD DENHAM

REPORT UNAVAILABLE. EGWU PROVIDED AS ALTERNATIVE. 051650Z 36006KT 9999 BKN045 19/12 Q1015 BLU NOSIG

VFR

LFAT LE TOUQUET PARIS PLAGE

051700Z AUTO 01005KT 6000 BKN041 18/16 Q1014

Search

5.5 Quick NOTAM & Airport Briefing

The system allows the User to quickly review information on an Airport.

5.5.1 Main Menu - Click Airports.

5.5.2 Enter Airport ICAO and Click Add.

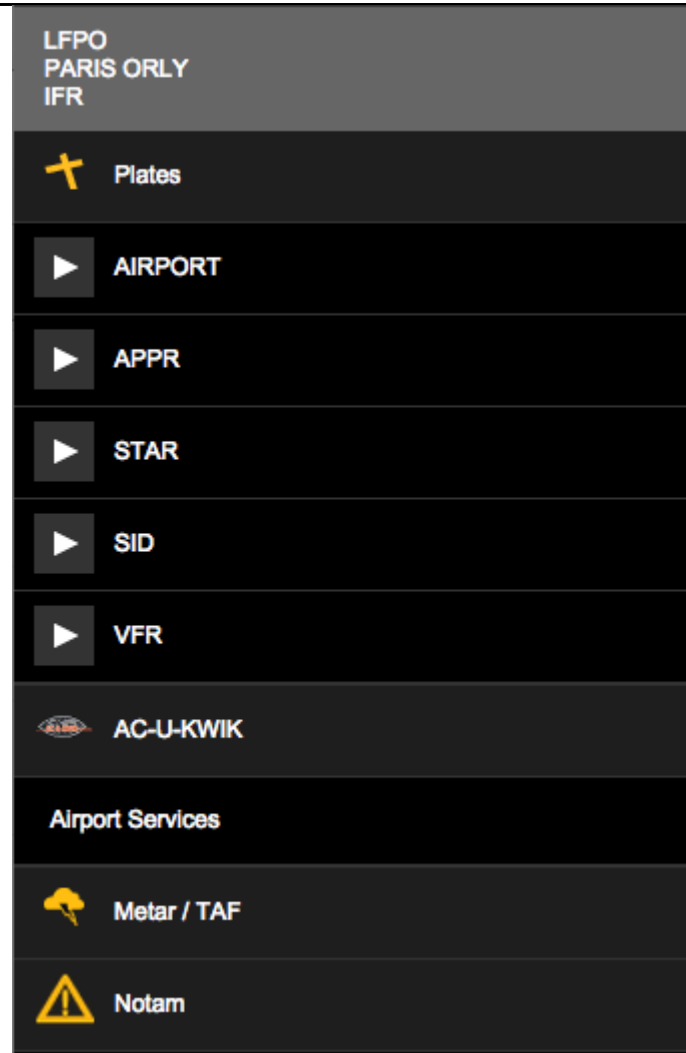
5.5.3 System will Add Airport to your List of Preferred Airports.

5.5.4 Click the Airport this will open the Airport Detail page.

5.5.5 The following sections are available:

- AIRPORT— provides AIP and airport Taxi Charts.
- APPR — provides approach procedures.
- STAR — provides Arrival procedures.
- SID — provides Departure procedures.
- VFR — provides VFR procedures.
- AC-U-KWIK — provides Handlers and FBOs available at the airport.
- METAR/TAF — provides current METAR/TAF report for airport.
- NOTAM — provides all published NOTAMS for airport.

Note: If the User is not subscribed to AC-U-KWIK or to the Airport Content Packs Plate information will not be available. In this case a restricted menu of METAR/TAF and NOTAM will be displayed.



6. Filing Flight Plan

6.1 Ready to File

6.1.1 Main Menu - Click Plans.

6.1.2 Plans click row of Flight to File.

6.1.3 Check that Step 1 'Route' and Step 2 'Fuel - M&B - Crew' are ticked and complete.

6.1.4 If Step 1 and Step 2 are not ticked, the System will not allow the User to file the Flight Plan.

6.1.5 Click Step 3 'File' this opens the Ready to File Page.

6.1.6 If No errors are present, check the fields listed. These match exactly the Fields included on the ICAO Flight Plan Form.

6.1.7 Click File to File the Flight Plan.

6.1.8 If desired, open Addressing and review where the Flight Plan will be delivered (airports, FIRs and Authorities). The system intelligently addresses flight plans, no further addresses should need to be entered.

6.1.9 Depending on the Type of Flight, Region of operation Europe, US, S. America, Asia the system will process.

6.2 Not Ready to File

6.2.1 The system will block filing and report an error message in the following cases:

- In Europe IFR or VFR Flight Plan is more than 5x24 hours in advance.
- In USA Flight Plan is more than 24 hours in advance.
- Rest of World, there is no restriction, check local practices.
- European Route prepared is no longer valid with Eurocontrol. In this case click Step1 Route and press Validate button to re-validate the Route.
- Date of Flight is past, .e.g. Off Block Time is past current time.
- Flight Overlaps with another Active Flight in the RocketRoute system. In this case check and either cancel or bring forward the overlapping flight plan.

LFRK	IFR	18:40 - 21:19
CAEN CARPIQU	CITXL	07-SEP-2014
LEMG	C56X	EET 02:39
MALAGA COSTA	20200 LBS	+5% 812 NM
DRAFT	FIRSTOFFIC	GS 306 kts

READY TO FILE

File

Addressing

Briefing Pack

ACID	Type	AC Type	Equip.
CITXL	I/G	C56X	SDFGRV
ADEP	EOBT	TAS	FL
LFRK	1840	N0432	350

Route

VIREX/N0432F190 R492 DIN A25
GODAN/N0432F350 UN862 TERPO

6.3 Plan Filed, Waiting for Acknowledgement

6.3.1 After Pressing File the system will process the Flight Plan depending on the region it has been filed.

6.3.2 The system will present an Acknowledgement usually within 30 seconds or sooner.

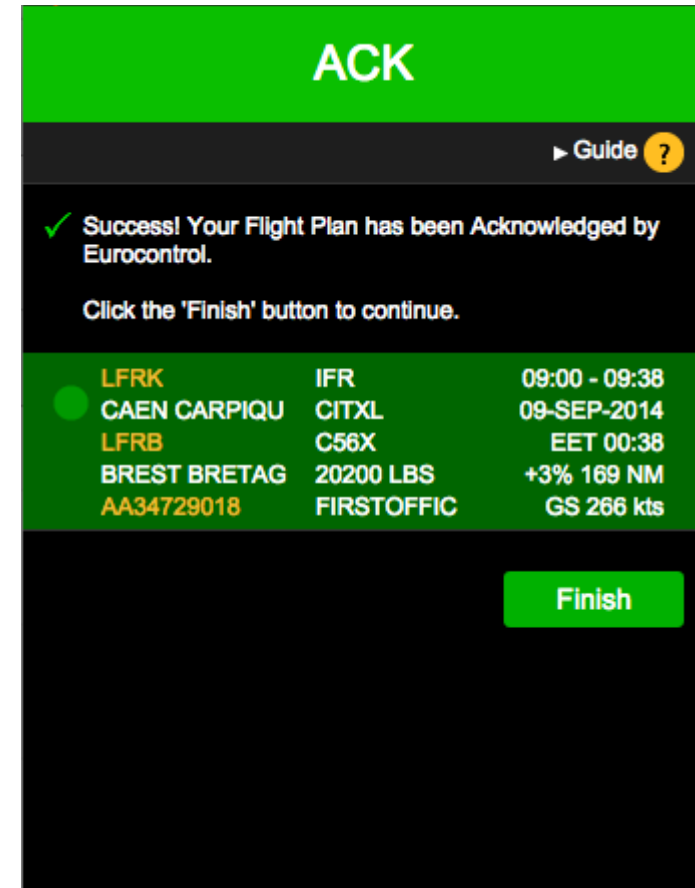
6.3.3 If you are flying within Europe IFR and receive a MAN (Manual) warning, please read the message carefully and be prepared to wait up to 10 minutes for Eurocontrol to review the flight plan. Check the Plans page for Status by clicking "Plans" periodically. The Flight Plan will be coloured Orange while it is in MAN status.

If the Flight is subsequently approved, the flight plan will become Active and turned Green. If the Flight Plan is rejected, it will be Closed and moved to Historic Plans. In this case, check the users email inbox for a message from the system for the reason for the Rejection.

6.4 Messages Sent Upon Filing

The system will send the following messages upon filing:

- The Flight Briefing Pack to the planner/dispatcher that filed the Flight Plan, plus to the Crew Commander and First Officer.
- The Message confirmation that the Flight Plan has been filed, together with the message confirmation where received by the Filing Authority.
- If setup the system will also send Mobile SMS messages with the confirmation of Flight Plan Filing.



7. Managing Flight Plan

7.1 Functions Available

7.1.1 Active Filed Flight Plans are coloured Green in colour to signify they are Active.
7.1.2 Click An Active plan from either the Main Menu Dashboard or Plans pages.
7.1.3 The following controls are available for IFR Plans (some differences may exist for USA and for VFR versus IFR):

- Delay - Delay a Flight Plan.
- Bring Forward - Macro to Cancel and Refile a Flight to an Earlier Date/Time.
- Cancel - Cancel Flight Plan.
- Change - Add Details to Field 18 e.g. a SLOT or for Re-clearance.
- Status - For Flights in Europe IFR, check Status with Eurocontrol.
- Track Flight - For Flights in Europe track flight in real-time while flying.

Last Minute Changes

- Details - Adjust M&B, Fuel details.
- Attach Docs - Add further documents such as Fuel Releases to the Briefing Pack.
- Passengers - Adjust Passengers for the Flight.

	LFRK CAEN CARPIQU LFRB BREST BRETAG AA34729018	IFR CITXL C56X 20200 LBS FIRSTOFFIC	09:00 - 09:38 09-SEP-2014 EET 00:38 +3% 169 NM GS 266 kts
	Manage		- 86:10 h
	Delay		
	Bring Forward		
	Cancel		
	Change		
	Status		
	Track Flight New		
	Last Minute Changes		
	Details		
	Attach Docs		
	Passengers		

7.2 Delay Flight Plan

- 7.2.1 Select Flight from Plans Menu.
- 7.2.2 Click Delay Menu.
- 7.2.3 Popup will appear with new Off Block Time (EOBT) and Date of Flight (DOF).
- 7.2.4 Ensure time format HHMM is used.
- 7.2.5 Click Delay. System will then send a Delay Message to the Filing Authorities.
- 7.2.6 In Europe, IFR plans will be Acknowledged.
- 7.2.7 An e-mail will be sent to the Planner/Dispatcher that filed the Flight plan and to the Crew.

7.3 Bring Forward Flight Plan

- 7.3.1 Select Flight from Plans Menu.
- 7.3.2 Click Bring Forward Menu.
- 7.3.3 Popup will appear with new Off Block Time (EOBT) and Date of Flight (DOF).
- 7.3.4 If your Flight requires a SLOT enter the new Slot number.
- 7.3.5 Ensure time format HHMM is used.
- 7.3.6 Click Bring Forward. System will perform a Macro to Cancel, Copy and Refile the Flight Plan with the new Time.
- 7.3.7 An e-mail will be sent to the Planner/Dispatcher that filed the Flight plan and to the Crew.

New Departure TimeClose X

EOBT

DOF

0900

140909

Warning!

You are about to delay your flight. Please enter new departure time in [hhmm]:

Delay

X Cancel

+ Change

? Status

Track Flight ^{New}

Bring ForwardClose X

Warning!

You are about to refile your flight. Please enter new departure time

Choose New Date/Time

Time EOBT UTC

Date DOF

0900

140909

Enter new SLOT reference (optional)

RMK/ASL

Airport Slot Number

Bring Forward

7.4 Change Flight Plan

7.4.1 Select Flight from Plans Menu.

7.4.2 Click Change.

7.4.3 Popup will appear displaying the details of Field 18 of the ICAO Flight Plan Form.

7.4.4 Adjust the fields required. E.g. Add SLOT number and press Send. This will send a Change Message for the Flight Plan.

7.4.5 An email will be sent to the Planner/Dispatcher that filed the Flight plan and to the Crew confirming the Action.

 Change

 **Warning!**

You are about to change field 18.
Please make changes and click send.

RMK/

CREW CONTACT +49123456789



RMK/

FILED BY +441273782130



EET/



DEP/

Departure coordinat

Airfield name

DEST/

Destination coordin

Airfield name

RMK/ASL

AIRPORT SLOT NUMBER

ALTN/

Airport name if ZZZZ used as Alternate

REG/

Aircraft Registration if different

OPR/

Operator details

7.5 Check Status (Europe IFR Only)

7.5.1 Select Flight from Plans Menu.

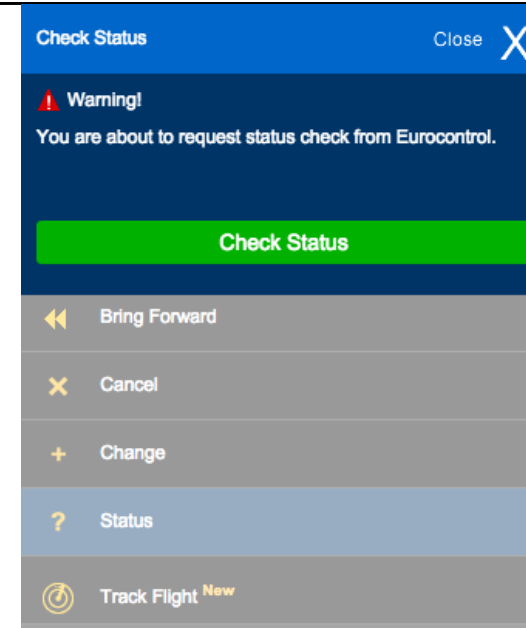
7.5.2 Click Status.

7.5.3 Popup will appear asking to Confirm Action. Click Check Status. This will then reply with the message from EuroControl.

7.5.4 If the Flight Plan has been Canceled outside of the System checking status will update Rocketroute.

7.5.5 Adjust the fields required. E.g. Add SLOT number and press Send. This will send a Change Message for the Flight Plan.

7.5.6 An email will be sent to the Planner/Dispatcher that filed the Flight plan and to the Crew confirming the Action.



7.6 Cancel Flight Plan

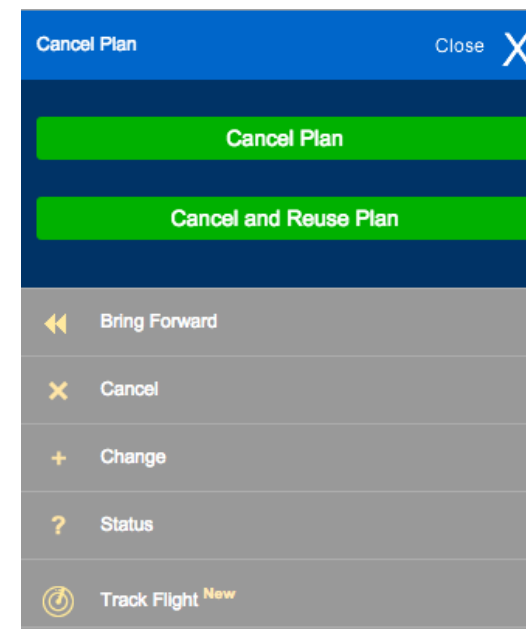
7.6.1 Select Flight from Plans Menu.

7.6.2 Click Cancel.

7.6.3 Popup will appear asking to Cancel or Cancel and Re-Use.

7.6.4 Cancel and Re-Use is a Macro that will copy the Flight Plan into a New Draft but will not File it automatically.

7.6.5 An email will be sent to the Planner/Dispatcher that filed the Flight plan and to the Crew confirming the Action.



8. Tracking Flight

Note: this feature is currently only available in Europe for IFR Flights.

8.1.1 Click Selected Flight. On the Map to the Right will be displayed the Track of the Flight in Real-time.

8.1.2 To Share Flight Tracking with other people, click Menu: Track Flight. This opens a page that is publicly available. It is a unique and secure URL and is only available to those user who are forwarded the link by email.

8.1.3 During the Tracking process the Flight Heading, Flight Level and Speed is presented. Time Stamps (in UTC) are added to show the progress of the flight. A blue dotted line shows the actual path flown and can be compared to the Planned route post Flight.

8.1.4 Track Flight link is available to Flights that have been flow. The track remains visible.

LFRK	IFR	09:00 - 09:38
CAEN CARPIQU	CITXL	09-SEP-2014
LFRB	C56X	EET 00:38
BREST BRETAG	20200 LBS	+3% 169 NM
AA34729018	FIRSTOFFIC	GS 266 kts

▼

Manage

- 86:10 h

▶▶

Delay

◀◀

Bring Forward

✕

Cancel

+

Change

?

Status

🔄

Track Flight **New**

▼

Last Minute Changes

☰

Details

📎

Attach Docs

👤👤

Passengers

9. Post Flight Accessing Flight Details

9.1 Viewing Flight Briefing and Details

9.1.1 After a Flight is Airborne the Briefing Pack and all Flight Documentation is frozen and will no longer be updated by the system.

9.1.2 Post Flight this can be reviewed by using the following controls:

- Flight Log - Flight Log.
- M&B - Mass and Balance.
- View Briefing Pack.

9.1.3 After the Flight in Europe for IFR Plans the Route actually flown will be available under the option Track Flight.

9.1.4 The messaging communications related to the Flight Plan are available under Messaging. This will display the Message Sent, Date and Type.

9.2 Refile Flight

This provides a quick method to Refile a previously used Flight Plan.

9.2.1 Press Refile this will display a popup similar to the Bring Forward Flight Plan Popup. Enter the new EOBT, Date of Flight and if required SLOT number.

9.2.2 Check the details then click Refile. This will Refile the Flight.

	LFRK CAEN CARPIQU LFRB BREST BRETAG AA34729018	IFR CITXL C56X 20200 LBS FIRSTOFFIC	09:00 - 09:38 09-SEP-2014 EET 00:38 +3% 169 NM GS 266 kts
	Refile		
	Track Flight New		
	Messaging		
	Briefing Pack		
	Flight Log		
	M & B		
	View		

10. Mass & Balance

10.1 Using Mass and Balance

10.1.1 Main Menu - click Prepare Plan.

10.1.2 Prepare Plan - click Step 2 Fuel - M&B - Crew

10.1.3 Open section Mass & Balance. This is optional whether it is performed using RocketRoute. Users may prefer to use the manufacturers provided calculation tool.

10.1.4 Enter the masses for each of the load points for the flight.

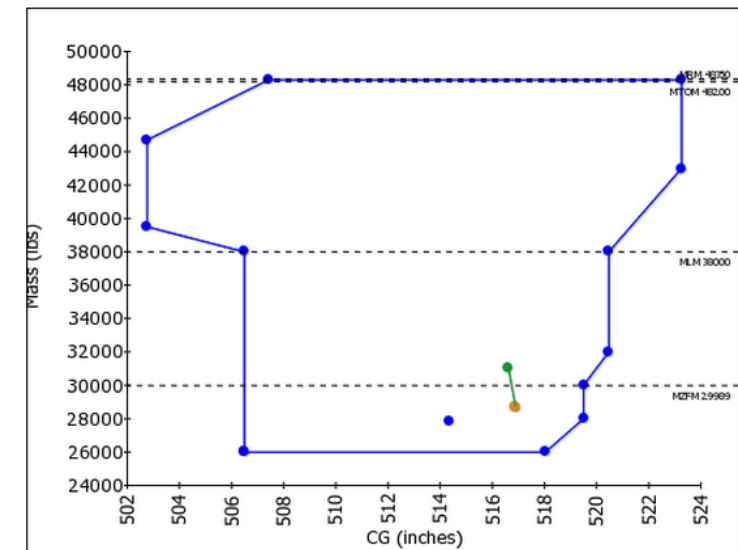
10.1.5 Click Briefing Pack icon next to Mass & Balance.

10.1.6 This will open a new tab and display graphically the Mass and Balance envelope.

▼ Mass & Balance (Optional) Briefing Pack

Guide ?

Position	(lbs)	(in)	(lbs.in)
Basic Empty	27079.0	519.50	14067540.50
Pilot	190.00	255.00	48450.00
Copilot	190.00	255.00	48450.00
Pax LH Seat 1	120.00	377.00	45240.00



10.1.7 Fuel on Board and Destination Fuel can also be changed via the Mass and Balance section. These values are automatically calculated from the Initial Fuel and Uplift Figures entered from the Fuel Section. The User should not normally need to be adjusted these values. Specific fuel weight can be changed in the user account settings if values other than standard international values are required.

ZFM	27814	514.32	14305205.50
FOB	3409.9	512.63	1748027.29
Ramp Mass	31223.9	514.13	16053232.79
- Taxi Fuel	150.00	0.00	0.00
T/O Mass	31073.9	516.61	16053232.79
Dest Fuel	2355.7	513.29	1209157.25
Ldg. Mass	28718.9	516.89	14844075.54

11. Flight Log Layout Detail

11.1 Format EU OPS 1.290/FAR 135/121 Variant

Page 1 - General Information

11.1.1 Title Information

Flight ACID (Aircraft's ID).
Type of Aircraft.
ADEP (Airport of Departure).
DOF (Date of flight).
EOBT (Estimated Time of Departure).
EET (Estimated Time of Flight).
ADES (Airport of Destination).

11.1.2 This section should be filled in by the pilot for each flight.

Off Block (Off Block Time).
On Block (On Block Time).
Block Time (On Block Time less Off Block Time).
Auxiliary Power Unit (APU) Time.
Take Off (Take-Off Time).
Land (Landing Time).
Flight Time (Landing Time less Take-Off Time).
Ground Power Unit (GPU) Time.

FLIGHT ACID TYPE ADEP		605JT CL60 EPWA	DOF EOBT EET ADES	2014 AUG 20 16:30 01:18 ESSA	ATIS ATIS DEP		OPS CONTACT RocketRoute OPS: +441273782130	
OFF BLOCK			TAKE OFF		GNH			
ON BLOCK			LAND					
BLOCK TIME			FLIGHT TIME					
APU TIME			GPU TIME		GNH			
CREW					FLIGHT			
COMMANDER		KRYVCHUK			DEP 16:30 EPWA WARSAW CHOPIN AIRPORT		ELEV: 110	
PIO					DEST 17:48 ESSA STOCKHOLM ARLANDA		ELEV: 137	
ADOTL CREW 1					ALT 1		ELEV:	
ADOTL CREW 2					ALT 2		ELEV:	
CABIN CREW 1					ROUTE OLILA L621 GRUDA N133 PENOR M807 ARM00 Z228 NILUG			
CABIN CREW 2								
CABIN CREW 3					CLEARANCE			
DISPATCHER								
FUEL		[B4]	Time	LMC	FUEL UPLIFT			
Trip fuel [B]		2667	01:18		TEMP:			
+ Destination contingency [2%]		80	00:04		DENSITY:			
Alternate 1 []		0			SUPPLIER REF / SUP NUMBER			
Alternate 2 []		0			T/O RWY			
Alternate contingency [2%]		0	00:00		LDG RWY			
+ Final Reserve		825	00:42		V1			
+ Minimum take-off fuel		3572	03:03		V2			
+ Extra fuel (optional)		30	00:01		Vref			
+ Take off fuel		3601	03:04		App			
+ Taxi fuel		150	00:07		DRYWET			
+ Off Block		3751	03:12		I hereby certify flight preparation according EU-OPS 1.290 and POM Part A.6.1, and having conducted a security check of the aircraft according to VO (EG) 2320/2002 chapter 3.1 and OM A 10.4.6.			
Burn [taxi + destination]		2817	01:25					
					Signature commander: _____			

PAGE 1 OF 4 - 2014/09/20 FLIGHT DOC REF# 438383 WWW.ROCKETROUTE.COM
THE PILOT IN COMMAND MUST VERIFY CORRECTNESS OF THIS INFORMATION. ROCKETROUTE ACCEPTS NO RESPONSIBILITY FOR ACCURACY OR COMPLETENESS



FLIGHT ACID TYPE ADEP	605JT CL60 EPWA	DOF EOBT EET ADES	2014 AUG 20 16:30 01:18 ESSA
-----------------------	-----------------	-------------------	------------------------------

OFF BLOCK		TAKE OFF	
ON BLOCK		LAND	
BLOCK TIME		FLIGHT TIME	
APU TIME		GPU TIME	

11.1.3 Crew table displays information taken from the profile.

CREW		
COMMANDER	KRYVCHUK	
F/O		
ADDTL. CREW 1		
ADDTL. CREW 2		
CABIN CREW 1		
CABIN CREW 2		
CABIN CREW 3		
DISPATCHER		

11.1.4 Fuel Table contains information on fuel burn. It is taken from User's profile and contains automatic RocketRoute calculations.

The values can be checked in User's profile when he is doing step 2 while planning the route. (Please check points 5.3 and 6.2 in this manual).

The last value in this table displays fuel that will be approximately used during the flight. (Burn fuel (taxi fuel+destination) = 2817 lbs in our example).

FUEL	[lbs]	Time	LMC
Trip fuel [0]	2667	01:18	
+ Destination contingency [3%]	80	00:04	
Alternate 1 []	0		
Alternate 2 []	0		
Alternate contingency [3%]	0	00:00	
+ Final Reserve	825	00:42	
= Minimum take-off fuel	3572	03:03	
+ Extra fuel (optional)	30	00:01	
= Take off fuel	3601	03:04	
+ Taxi fuel	150	00:07	
= Off Block	3751	03:12	
Burn [taxi + destination]	2817	01:25	

11.1.5 ATIS - Automatic Terminal Information Service and Clearance tables should be filled in by the pilot.

Flight and Route tables contain information regarding flight generated by RocketRoute automatically.

ATIS	
ATIS DEP	
	QNH
ATIS DEST	
	QNH

FLIGHT	
DEP 16:30 EPWA WARSAW CHOPIN AIRPORT	ELEV: 110
DEST 17:48 ESSA STOCKHOLM ARLANDA	ELEV: 137
ALT 1	ELEV:
ALT 2	ELEV:

ROUTE
OLILA L621 GRUDA N133 PENOR M607 ARMOD Z228 NILUG

CLEARANCE

11.1.6 All information in these tables are taken from user's account: Ops Contact, Remarks from field 18, Weights of Aircraft are taken from Mass and Balance table, (see point 6.2. in this manual).

Tables with Fuel uplift and T/O RWY should be filled in by the pilot. Also signature of commander is required according to the flight preparation.

OPS CONTACT	
RocketRoute OPS: +441273782130	

RMK / FIELD 18	
EET/ESAA0034 PBN/A1B2C2D2O2S1 RMK/FILED BY +441273782130 RMK/CREW CONTACT +380631256406	

RAMP MASS	31210
T/O MASS	31060
LANDING MASS	28394
RAMP FUEL MIN	3722
RAMP FUEL	3751
TRIP FUEL	2667
EXTRA FUEL	30

FUEL UPLIFT	TEMP:	DENSITY:
SUPPLIER REF / SLIP NUMBER:		

T/O RWY		LDG RWY	
V1		Vref	
Vr		App	
V2		DRY/WET	

I hereby certify flight preparation according EU-OPS 1.290 and FOM Part A.8.1. and having conducted a security check of the aircraft according to VO (EG) 2320/2002 chapter 3.1 and OM A 10.4.8.

Signature commander: _____

Page 2 of Flight Log

11.2.1 Table contains information regarding the flight:

Flight ACID (Aircraft's ID), Type of Aircraft, ADEP (Airport of Departure), DOF (Date of flight), EOBT (Estimated Time of Departure), EET (Estimated Time of Flight), ADES (Airport of Destination).

11.2.2 RVSM check should be filled in by the pilot.

11.2.3 References (information is taken from RocketRoute database:

- Flight Document Reference - unique ID of briefing pack and this flight in RR system;
- Wind Data (the latest data on weather - PLEASE NOTE: RR gets weather updates each 6 hours, so do not forget to check your briefing pack if you are creating a flight beforehand. Briefing pack is constantly updated);
- Navdata - the latest data from AIRAC cycle;
- Aircraft reference – User's notices regarding this aircraft. (For example, if the number of seats is changed user may leave notice in this field).
- Selected profiles - profiles that user has selected (please see point 5.3 in this manual).

11.2.4 Trip Fuel Correction contains calculation in accordance to tailwind delta at different flight levels. (Our example shows that user has chosen FL350 and in this case his Trip Fuel is 2667 lbs).

FLIGHT ACID	605JT	DOF EOBT	2014 AUG 20
TYPE	CL60	EET	16:30
ADEP	EPWA	ADES	01:18
			ESSA

RVSM CHECK	GND	PRE RVSM	FL: Time:	FL: Time:	FL: Time:
ALT1					
ALT2					
STBY					

REF
FLIGHT DOC REF#: 436383 WIND DATA: GFS 20/08/2014 00:00 NAVDATA: LAST CORRECTED 20/08/2014 00:00 AIRCRAFT REFERENCE: M&B SELECTED PROFILES: HIGH SPEED CLIMB REQUESTED_CRUISE SE_0.78M

TRIP FUEL CORRECTION					
	TAILWIND DELTA	TRIP FUEL	TRIP TIME	TRIP FUEL (LR)	TRIP TIME (LR)
FL445	-8	3223	01:20		
FL385	-3	2869	01:19		
FL350	- / -	2667	01:18		
FL340	+1	2610	01:17		
FL300	-5	2386	01:16		
FL265	-10	2180	01:14		

NOTES

11.2.5 These tables should be filled in by the user.

FUEL LOG (Delete as appropriate)						
TIME						
AT START						
BURNT OFF						
LEFT						
REQ DEST						
RESERVE						
TASK						

LANDING MINIMA	
RWY + PROC	
RVR	
MSA	
ELEVATION	
DA	
GO AROUND	

Pages 3 & 4

Flight Log contains detailed calculations and amount of fuel used on each segment of flight.

11.3.1 How to use Flight Log:

- Name of waypoints;
- Name of airways;
- Altitude of the aircraft;
- TAS (True Aircraft Speed) and Groundspeed (GS);
- Speed and Wind Direction + current outside temperature;
- TRK (track) and HDG (heading) of the aircraft;
- Distance from waypoint to waypoint + total distance;
- Time from waypoint to waypoint + total time for each segment;
- ETA + ETO;
- ATO fuel;
- Fuel Used + Fuel Required;
- Remarks.

ACID TYPE	PIC CMDR	OPR	DOF FLT/RULE	ADEP ADES	OFF BLOCK T/O	ON BLOCK LAND	BLOCK/T FLIGHT/T	ROUTE			
605JT CL60	KRYVCHUK		20-AUG-2014 G/IFR EET 01:18 496.8 NM	EPWA 1630 ESSA 1748				OLILA L621 GRUDA N133 PENOR M607 ARMOD Z228 NILUG			
CLEARANCE											
WAYPOINT LAT / LON	AIRWAY	ALT MEA	TAS GS	WIND TEMP	TRK HDG	LEG DIST TOT DIST	TIME LEG ACC	ETA ETO	ATO FUEL	FUEL USED REQD [LBS]	REMARK
EPWA WARSAW CHOPIN AIRPORT		110		298/3 +13		0.0	00:00			150 3,601	
OLILA N52 42.27 E020 19.70	L621	CLMB 9500	350 333	245/59 -22	324 314	40.0 40.0	00:07 00:07			811 2,941	
MEBIV N52 48.60 E020 8.03	L621	CLMB 9500	350 320	245/63 -26	312 302	9.5 49.5	00:02 00:09			940 2,812	
SOMOR N53 13.62 E019 21.00	L621	CLMB 9500	350 307	248/80 -40	312 300	37.8 87.3	00:07 00:16			1,475 2,277	
GRUDA N53 31.27 E018 46.88	N133	CLMB 9500	350 302	248/87 -50	311 298	27.0 114.3	00:05 00:22			1,863 1,889	
TOC (TOP OF CLIMB) N53 43.49 E018 37.89		F350 9500	350 340	247/81 -51	336 323	13.3 127.6	00:02 00:24			1,873 1,879	
KARTI N54 17.98 E018 12.48	N133	F350 9500	450 443	247/77 -51	337 327	37.7 165.3	00:05 00:29			1,972 1,779	
VAPOS N54 47.72 E017 49.60	N133	F350 9500	450 447	246/54 -49	336 329	32.6 197.9	00:04 00:34			2,058 1,694	
DOMAG N54 58.47 E017 41.13	N133	F350 9500	450 447	246/54 -49	336 329	11.8 209.8	00:02 00:35			2,088 1,663	
MOTAD N55 12.57 E017 30.33	N133	F350 9500	450 447	246/54 -49	336 329	15.4 225.2	00:02 00:37			2,129 1,623	
PENOR N55 38.32 E017 9.68	M607	F350 9500	450 451	243/35 -49	336 332	28.3 253.5	00:04 00:41			2,202 1,549	

WAYPOINT LAT / LON	AIRWAY	ALT MEA	TAS GS	WIND TEMP	TRK HDG
EPWA WARSAW CHOPIN AIRPORT		110		298/3 +13	
OLILA N52 42.27 E020 19.70	L621	CLMB 9500	350 333	245/59 -22	324 314
MEBIV N52 48.60 E020 8.03	L621	CLMB 9500	350 320	245/63 -26	312 302

LEG DIST TOT DIST	TIME LEG ACC	ETA ETO	ATO FUEL	FUEL USED REQD [LBS]	REMARK
0.0	00:00			150 3,601	
40.0 40.0	00:07 00:07			811 2,941	
9.5 49.5	00:02 00:09			940 2,812	

11.4 Changing Flight Log Template

11.4.1 Main menu - click Account - click Settings - click Briefing Pack.

11.4.2 Put a tick in front of Flight Log, if you wish it to be included into the Briefing Pack.

11.4.3 Settings - Click Flight Log - Select Template.

11.4.4 Select a flight log template:

- Private Pilot Small Format;
- Private Pilot Large Format;
- EU-OPS Lite Landscape;
- EU-OPS Lite Portrait;
- EU-OPS 1.290/FAR 135/121; and
- RockStar EU-OPS 1.1060.

▼

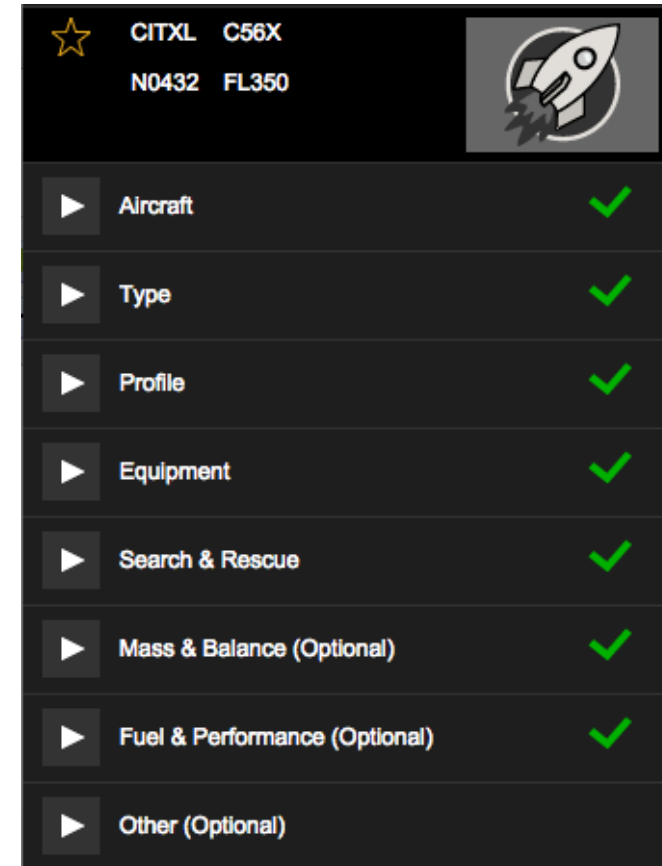
Select Template

Private Pilot Small Format	View	☒
Private Pilot Large Format	View	☐
EU-OPS Lite Landscape	View	☐
EU-OPS Lite Portrait	View	☐
EU-OPS 1.290/FAR 135/121	View	☐
RockStar EU-OPS 1.1060	View	☐
PIC Approval Text		

I hereby certify flight preparation according EU-OPS 1.290 and FOM Part A.8.1. and having conducted a security check of the aircraft according to VO (EG) 2320/2002 chapter 3.1 and OM A 10.4.8.

12. Reviewing / Modify Aircraft Setup

Aircraft Setup and Modification should only be performed during the setup of the system. Any changes made to Aircraft setup should be made with care and checked with the main Administrator of the system or with RocketRoute directly.



12.1 Basic Setup Details

12.1.1 Main Menu - click Aircraft - open Aircraft section.

12.2.2 Enter the Aircraft Registration and Reference (for example, the number of seats etc).

12.2.3 Press green button UPLOAD to load the image of aircraft from your computer.

12.2.4 Open Type section. Choose/edit Manufacturer, Model, Aircraft type and Aircraft Colour & Markings.

12.2.5 Open Profile section. Adjust Cruise Speed, Wake Cat, Preferred Flight Level, Minimum and Maximum Flight Levels.

▼ Aircraft

Aircraft RegistrationCITXL

Reference (eg 9 Seats)7 SEATS

Upload



▼ Type

ManufacturerEMBRAER

ModelE135 EMB-135

Aircraft TypeE135

Aircraft Colour & MarkingsWHITE

▼ Profile

Cruise Speed (N)N0320

Wake CatM

Preferred FL350

Min FL200

Max FL370

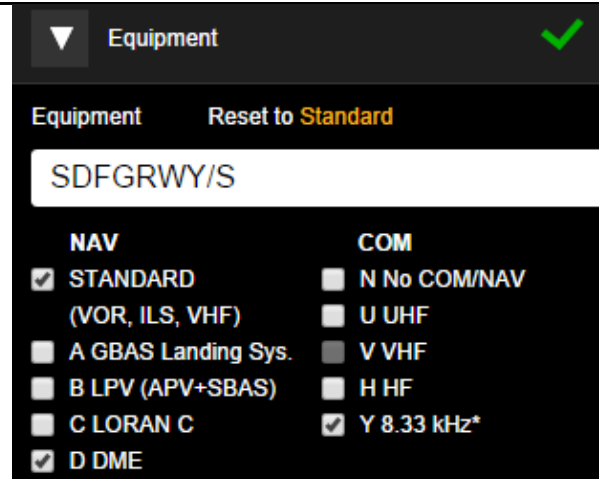
12.2 Equipment

12.2.1 Open Equipment section. Tick the necessary fields.

To reset aircraft's specification to Standard please press the yellow button.

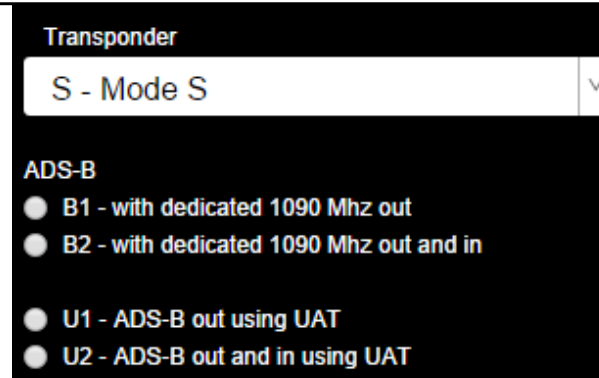
NOTE: Code Y (8.33 KHz radio) is mandatory for IFR flights in the Eurocontrol area.

Above FL290 Code W (RVSM) is mandatory.

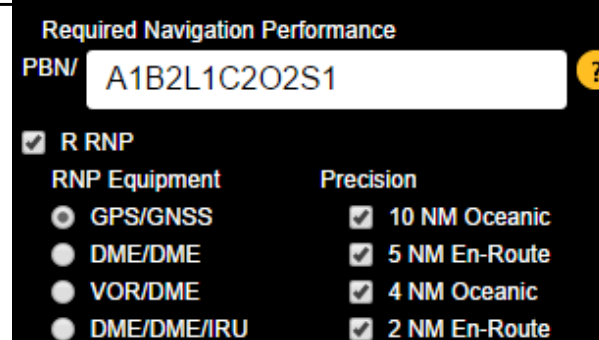


12.2.2 Choose the needed transponder interrogation mode from drop down menu.

12.2.3 Tick the necessary fields with Automatic dependent surveillance-broadcast (ADS-B).



12.2.4 Choose the required navigation performance. Tick the necessary fields.



12.3 Search & Rescue

12.3.1 Endurance is calculated automatically by the system.

12.3.2 Enter the number of persons on board.

12.3.3 Add/edit the pilot's name and crew contact number if needed.

12.3.4 Enter your survival equipment and tick boxes if equipment is available:

- Dinghies, Capacity, Colour of equipment, Special Remarks;
- Emergency Radios (UHF, VHF, ELT),
- Survival (choose colours: Polar, Desert, Maritime or Jungle),
- Jackets (Light, Fluores, UHF, VHF).

▼ Search & Rescue

Endurance (HH/MM)

03 ▾ 52 ▾

Persons on Board (POB)

001

Pilot in Command (PIC)

THOMAS

Crew Contact Number

+

Survival Equipment

Dinghies

0

Capacity

0

Colour

YELLOW ▾

Cover

☐

Remarks

Emergency Radios

UHF

VHF

ELT

☐

☐

☐

Survival

Polar

Desert

Maritime

Jungle

☐ / ☐

☐

☐

☐

☐

Jackets

Light

Fluores

UHF

VHF

☐ / ☐

☐

☐

☐

☐

Note: Tick boxes if equipment available

12.4 Mass & Balance Setup

12.4.1 Open Mass & Balance section.

12.4.2 Choose from Drop Down units that will be used (lbs or kg).

12.4.3 Enter Maximum Ramp weight, Maximum Takeoff weight, Maximum Landing weight, Maximum Zero Fuel Weight, Basic Empty Weight with arm, Weights of Pilots, Passengers, Baggage etc).

12.4.4 Scroll down to enter/edit Fuel balance table if needed. (Write down cruise fuel with arms).

▼

Mass & Balance (Optional)

✓

Limits

Units	Max Ramp	MTOM	MLDGM
kg ▼	20140	19990	18500

MZFM

16000

	(kg)	Arm (cm)	Max Limit (kg)
Basic Empty	11937.0	1343.50	
Pilot	85.00	363.00	0.00
Copilot	75.00	363.00	0.00
Observer	0.00	420.00	0.00

Fuel balance table + Taxi fuel

Mass (kg)	Arm (cm)
150.00	1314.70
Point 1	5116.80
Point 2	4960.00
Point 3	4800.00

12.4.5 Add points and arms for Mass&Balance Envelope.

Envelope	Mass (kg)	Arm (cm)
Point 1	12450.00	1302.40
Point 2	14450.00	1302.07
Point 3	19990.00	1311.20

12.5 Fuel & Performance

Note: Stage of Flight, Power Settings, Mass, Temp. and Flight Level can be modified using this function. Only change this data if approved.

12.5.1 Aircraft Menu - Select Aircraft - Click Fuel & Performance Section.

12.5.2 Select Template - choose Advance (Jet) Performance.

12.5.3 Click the Expand icon (see red arrow on the screenshot) to show all data at full page size. On this page data can be entered manually.

12.5.4 If you click Load Data, the system will upload the default aircraft data.

12.5.5 Press Save.

▼

Fuel & Performance (Optional)

✓

Template

Advanced (Jet)

▼

Fuel Type

JET-A1

▼

Units

KG/H

▼

Max Fuel

5116.0

Taxi

150.0

Reserve Fuel

420.0

Contingency %

3

☐

←

Load Data