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FLIGHT
C O N T R O L
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FS-FlightControl

Manual

Instructor Operator Station
for Microsoft Flight Simulator, Prepar3D and X-Plane



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FLIGHT PLAN

Plan your flights manually with several import and export options or even synchronize the flight plan with Project Magenta or Aerosoft Airbus products.

Current Flight Plan

| Current Flight Plan | | | |
|---------------------|-----------------------|----------------------|------------------|
| Departure Airport: | Hamburg (EDDH) | Runway: | 15 |
| Arrival Airport: | Munich (EDDM) | Runway: | 26R |
| Next Waypoint: | DH202 | Distance: | 5.85 NM |
| | | ETE: | 00:03:26 |
| Total Remaining: | | Distance: | 437.61 NM |
| | | ETE: | 04:17:50 |
| Airway | Waypoint | True/Magnetic | Distance |
| SID: IDEK6D | DH202 | 153°/152° | 6.29 NM |
| SID: IDEK6D | DH216 | 206°/204° | 3.43 NM |
| SID: IDEK6D | DH220 | 257°/255° | 17.45 NM |
| SID: IDEK6D | IDEKO | 187°/185° | 27.12 NM |
| N850 | NIE | 187°/186° | 22.27 NM |
| N850 | ROBEG | 189°/188° | 23.83 NM |
| N850 | PIROT | 186°/185° | 10.88 NM |
| N850 | LARBU | 189°/188° | 10.20 NM |
| N850 | WRB | 188°/186° | 23.00 NM |
| UN850 | RANAX | 188°/186° | 18.07 NM |
| UN850 | EDEGA | 188°/187° | 10.45 NM |
| UN850 | AMETU | 188°/186° | 12.21 NM |
| UN850 | SOGMI | 188°/186° | 18.50 NM |
| UN850 | BOMBI | 188°/186° | 28.50 NM |
| T104 | HAREM | 138°/136° | 35.45 NM |
| T104 | ELMOX | 131°/130° | 21.31 NM |
| STAR: ELMO1D | PIGAB | 132°/130° | 16.70 NM |
| STAR: ELMO1D | DKB | 132°/130° | 5.00 NM |
| STAR: ELMO1D | LEVBU | 133°/132° | 11.83 NM |
| STAR: ELMO1D | ANORA | 134°/132° | 4.99 NM |
| STAR: ELMO1D | BUPAM | 134°/132° | 21.97 NM |

In this area the current loaded flight plan is displayed.

It starts with the departure and arrival airport as well as the next waypoint in the flight plan from the current aircraft position together with its distance and the total remaining distance.

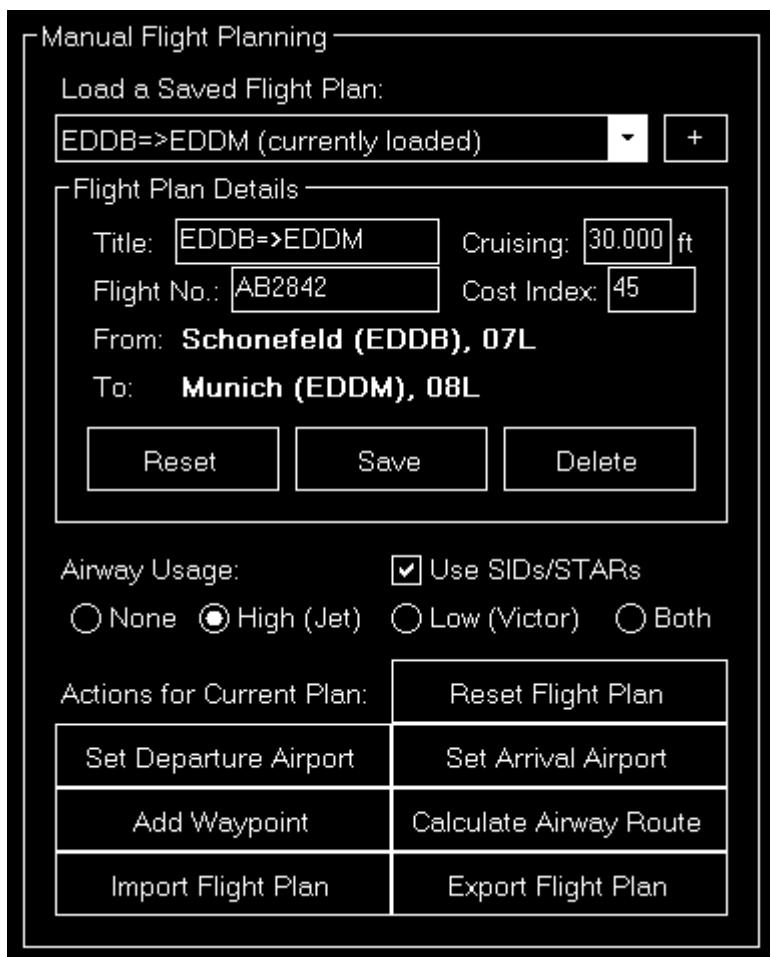
Below that a list of all flight plan points is displayed together with the airway if one is used as well as the true and magnetic heading plus the distance to the next waypoint in the list.

Right-click on any waypoint to either delete it, move it up or down, center the map on this point or completely clear the plan again.

 Note: Keep in mind that editing the flight plan is only possible when you are in the **manual flight planning** mode.

Printing the flight plan is possible using the Print button as well.

Manual Flight Planning



The screenshot shows the 'Manual Flight Planning' interface. At the top, it says 'Load a Saved Flight Plan:' with a dropdown menu showing 'EDDB=>EDDM (currently loaded)' and a '+' button. Below that is the 'Flight Plan Details' section with fields for 'Title' (EDDB=>EDDM), 'Cruising' (30.000 ft), 'Flight No.' (AB2842), 'Cost Index' (45), 'From' (Schonefeld (EDDB), 07L), and 'To' (Munich (EDDM), 08L). At the bottom of this section are 'Reset', 'Save', and 'Delete' buttons. Below this is an 'Airway Usage' section with radio buttons for 'None', 'High (Jet)', 'Low (Victor)', and 'Both', and a checked checkbox for 'Use SIDs/STARs'. At the bottom is a table titled 'Actions for Current Plan:' with two columns of buttons: 'Reset Flight Plan', 'Set Departure Airport', 'Set Arrival Airport', 'Add Waypoint', 'Calculate Airway Route', 'Import Flight Plan', and 'Export Flight Plan'.

Select this mode to create and edit the flight plan manually.

Flight Plan Details

| Flight Plan Details | |
|---|--|
| Title: <input type="text" value="EDDB=>EDDM"/> | Cruising: <input type="text" value="30.000"/> ft |
| Flight No.: <input type="text" value="AB2842"/> | Cost Index: <input type="text" value="45"/> |
| From: Schonefeld (EDDB), 07L | |
| To: Munich (EDDM), 08L | |
| <input type="button" value="Reset"/> | <input type="button" value="Save"/> |
| <input type="button" value="Delete"/> | |

You can load, save or delete flight plans here.

To make it easier to find the right flight plan before loading it important details like departure and arrival airport together with the selected runway are displayed.

Additionally the title and the cruising altitude of the flight plan can be changed in this section.

Airway Usage

| | |
|------------------------------------|--|
| Airway Usage: | <input checked="" type="checkbox"/> Use SIDs/STARs |
| <input type="radio"/> None | <input checked="" type="radio"/> High (Jet) |
| <input type="radio"/> Low (Victor) | <input type="radio"/> Both |

You can define here if and which kind of airways should be used for flight planning.

Additionally you can choose if also SIDs and STARs should be used.

 Note: The airway options you choose here are also used for the visual flight planning with the **flight plan mode** on the **Map** module.

Actions for Current Plan

| | |
|--|---|
| Actions for Current Plan: | |
| <input type="button" value="Reset Flight Plan"/> | |
| <input type="button" value="Set Departure Airport"/> | <input type="button" value="Set Arrival Airport"/> |
| <input type="button" value="Add Waypoint"/> | <input type="button" value="Calculate Airway Route"/> |
| <input type="button" value="Import Flight Plan"/> | <input type="button" value="Export Flight Plan"/> |

First you can set the departure and arrival airport here as well as reset the whole flight plan again.

Additionally FS-FlightControl can calculate an airway route between the departure and arrival airport for you and you can remove all waypoints from the current flight plan again.

Finally you can also open the **import** and **export** dialog here.

 Note: Actions like adding a new waypoint to the flight plan as well as setting the departure and

arrival airport can be done on the **Map** module in the **flight plan mode**, too.

Synchronize Flight Plan

- Synchronize with Flight Simulator flight plan
- Synchronize with AST FMS
- Synchronize with Project Magenta FMS
- Synchronize with Aerosoft Airbus MCDU
- Synchronize with Wilco Airbus MCDU (last saved state)

Beside creating a flight plan manually, you can also synchronize the flight plan with third party products.

Currently following synchronization options are supported:

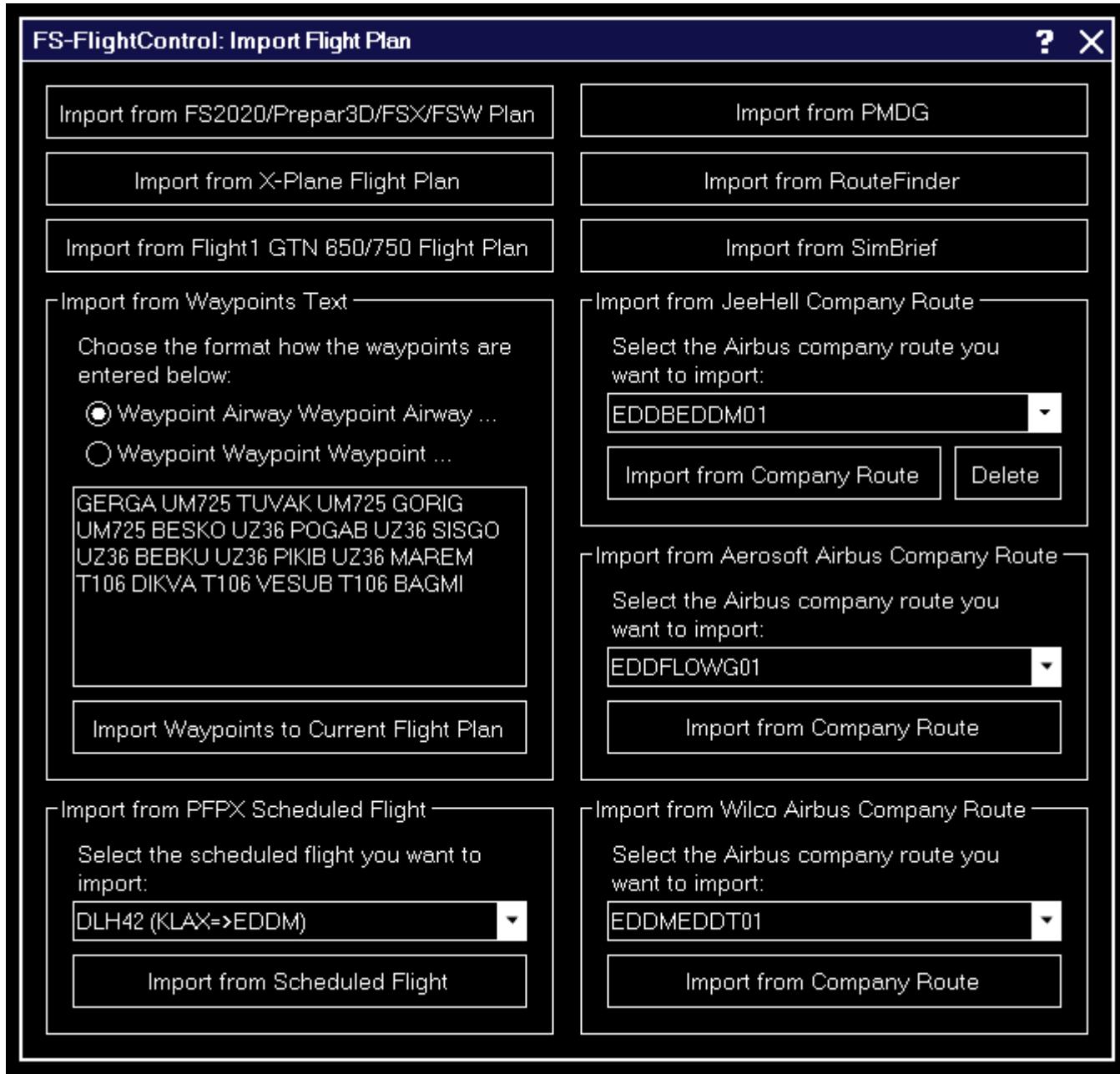
- Flight plan change in Flight Simulator itself
- AST FMS
- Project Magenta FMS
- Aerosoft Airbus MCDU (both old “Extended” version and new one)
- Wilco/FeelThere Airbus MCDU

 Note: Additional parameters need to be entered in the **Third Party** settings before synchronization can be enabled for these third party products.

 Note: For synchronization with flight simulator itself FS-FlightControl cannot detect an already loaded flight plan, but only a flight plan change in flight simulator while FS-FlightControl is already running and connected.

 Note: For Wilco/FeelThere synchronization you need to manually save the FMGC state in the MCDU via Data/SAVE FMGC. After saving the FMGC state the flight plan data is automatically synchronized to FS-FlightControl.

Import Flight Plan



This dialog provides you with various options to import flight plans from external applications.

Import from Prepar3D/FSX/FSW Flight Plan



Click on this button to import a flight plan from Prepar3D, FSX or FSW (format .pln, FS2004/FS9 is supported as well).

In the file dialog popping up just select the flight plan file and open it.

Import from X-Plane Flight Plan

Import from X-Plane Flight Plan

Click on this button to import a flight plan from X-Plane (formats .flp, .fml and .fms) .

In the file dialog popping up just select the flight plan file and open it.

Import from Flight1



Import from Flight1 GTN 650/750 Flight Plan

Click on this button to import a flight plan from Flight1 GTN 650/750 (format .gfp) .

Import from PMDG



Import from PMDG

You can also import flight plans from PMDG (formats .rte and .rt2) with this button.

In the file dialog popping up just select the flight plan file and open it.

Import from RouteFinder

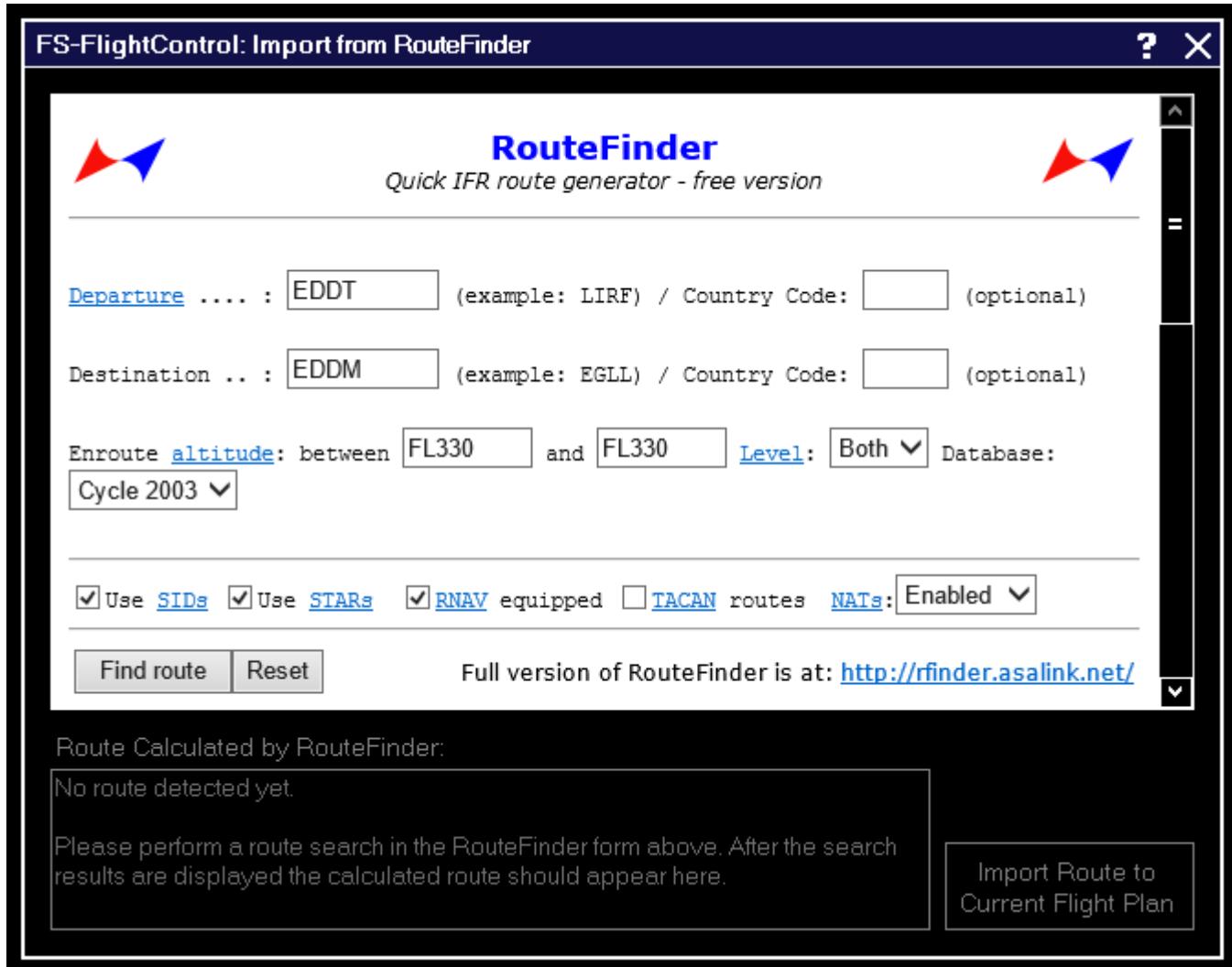


Import from RouteFinder

There is also an option to directly import a flight route from RouteFinder.

 Note: The RouteFinder import is not possible from the Android and iOS app.

Search for a Route



First you will see this dialog including the RouteFinder website.

All relevant fields like departure and destination as well as airway level selection and whether to use SIDs/STARs or not should be pre-filled already. This way you normally only need to click on the button **Find route**.

Search Results

FS-FlightControl: Import from RouteFinder ? X

RouteFinder
Basic IFR route generator - not for actual navigation
 (C)1997-2019 ASA srl - Italy

NAT: Eastbound track message identification is 85
 NAT: Westbound track message identification is 84
 Computed route from **BERLIN-TEGEL** (EDDT, ED) to **MUENCHEN** (EDDM, ED): 14 fixes, 304.2 nautical miles

Cruise altitude between FL330 and FL330
 EDDT (0.0nm) -SID-> GERGA (27.1nm) -M725-> TUVAK (39.4nm) -M725->
 IDOBA (44.4nm) -M725-> OBANI (48.7nm) -Z36-> POGAB (73.2nm) -Z36->
 SISGO (79.9nm) -Z36-> BEBKA (96.9nm) -Z36-> PIKIB (131.2nm) -Z36->
 MAREM (142.3nm) -T106-> DIKVA (173.7nm) -T106-> VESUB (224.0nm) -T106->
 BAGMI (236.8nm) -STAR-> EDDM (304.2nm)

Details:

| ID | FREQ | TRK | DIST | Coords | Name/Remarks |
|------|------|-----|------|---------------------------|--------------|
| EDDT | | | | NE2522124.07N E013517.11E | BERLIN-TEGEL |

Route Calculated by RouteFinder:
 EDDT GERGA M725 TUVAK M725 IDOBA M725 OBANI Z36 POGAB Z36 SISGO
 Z36 BEBKA Z36 PIKIB Z36 MAREM T106 DIKVA T106 VESUB T106 BAGMI
 EDDM

After the search has completed this page should be displayed.

If a route was found the extracted route will be automatically displayed in the text field below. Then just click on the button Import Route to Current Flight Plan to import it.

 Note: It can happen that the RouteFinder website is overloaded and just displays something like Too many requests at once on the server. In this case just hit the [Back] link and search again till a route is returned.

Import from SimBrief

There is also an option to directly import a flight plan from SimBrief.

 Note: Make sure that you have an active flight in SimBrief with a generated OFP.

Import from Waypoints Text

Import from Waypoints Text

Choose the format how the waypoints are entered below:

Waypoint Airway Waypoint Airway ...

Waypoint Waypoint Waypoint ...

GERGA UM725 TUVAK UM725 GORIG
 UM725 BESKO UZ36 POGAB UZ36 SISGO
 UZ36 BEBKU UZ36 PIKIB UZ36 MAREM
 T106 DIKVA T106 VESUB T106 BAGMI

Import Waypoints to Current Flight Plan

Use this section to easily import waypoints to your flight plan from websites like SkyVector.

First select if you want to import just a list of waypoints separated by a space (in this case FS-FlightControl will find out the airways itself) or the list includes the airways itself already alternating with the waypoints.

Then just copy & paste the waypoints list into the text field and click on the button Add Waypoints to Current Flight Plan.

 Note: Additionally it is possible to write the ICAO code of the departure and arrival airport at the beginning and end of the waypoints list.

Import from PFPX Scheduled Flight

Import from PFPX Scheduled Flight

Select the scheduled flight you want to import:

DLH1234 (EDDN=>EDDF)

Import from Scheduled Flight

When you are also using PFPX you can import a scheduled flight as flight plan.

Just select the desired scheduled flight from the list and click on the button Import from Scheduled Flight.

 Note: Only flights with a defined flight number and airline name are available for import.

Import from JeeHell Company Route

Import from JeeHell Company Route

Select the Airbus company route you want to import:

EDDBEDDM01

If you have JeeHell installed you can also import a JeeHell company route as flight plan.

Just select the desired company route from the list and click on the button **Import from Company Route**.

You can even use the button **Delete** to clean-up your JeeHell company routes from within FS-FlightControl.

Import from Aerosoft Airbus Company Route

Import from Aerosoft Airbus Company Route

Select the Airbus company route you want to import:

EDDFLOWG01

If you have installed an Aerosoft Airbus product you can also import the Aerosoft Airbus company route as flight plan.

Just select the desired company route from the list and click on the button **Import from Company Route**.

Import from Wilco Airbus Company Route

Import from Aerosoft Airbus Company Route

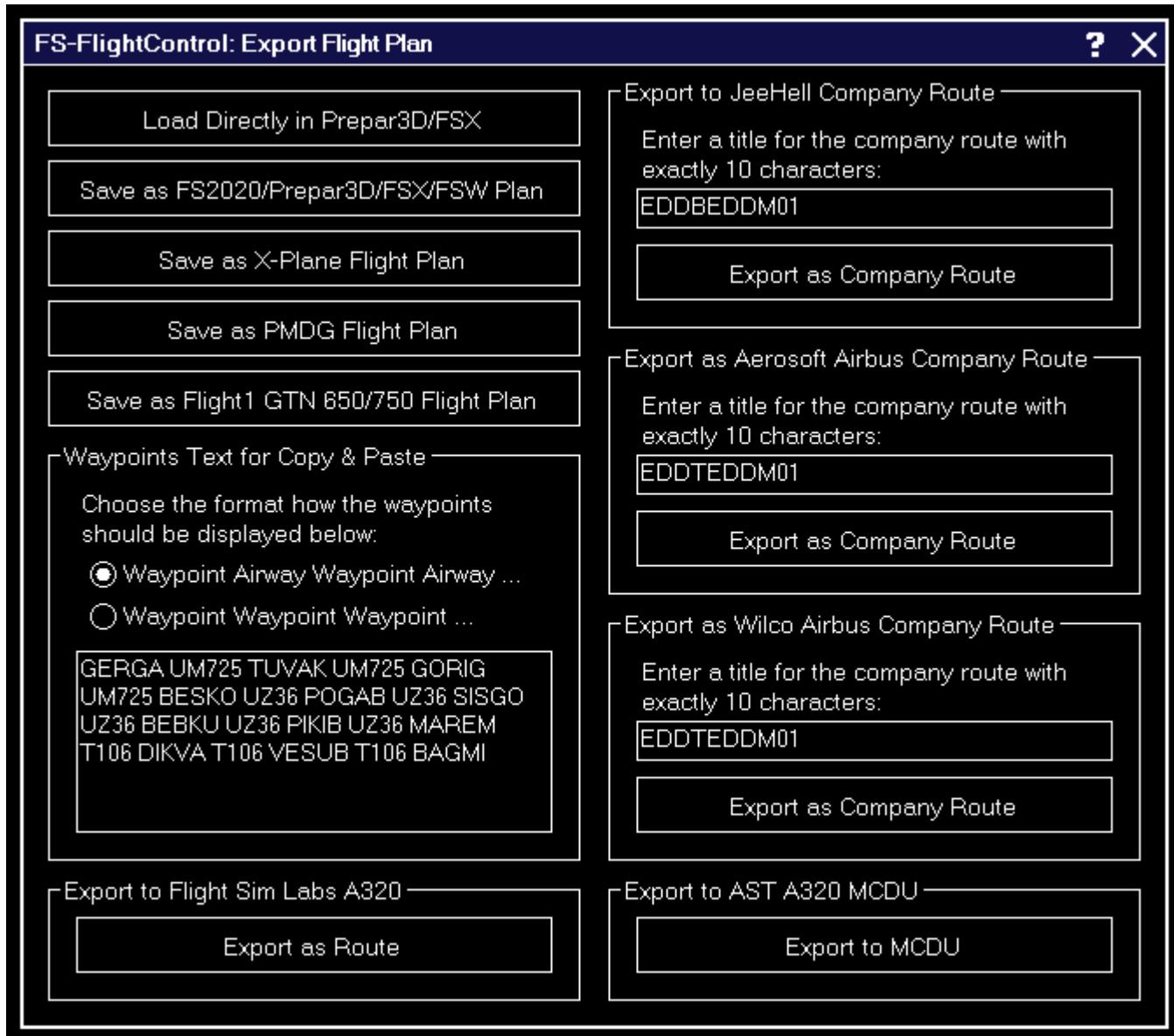
Select the Airbus company route you want to import:

EDDFLOWG01

If you have installed an Wilco/FeelThere Airbus product you can also import the Wilco Airbus company route as flight plan.

Just select the desired company route from the list and click on the button **Import from Company Route**.

Export Flight Plan



This dialog provides you with various options to export flight plans to external applications.

Export to Prepar3D/FSX/FSW Flight Plan



Click on the button **Save as Prepar3D/FSX/FSW Flight Plan** to export a flight plan to a file compatible with Prepar3D, FSX and FSW (format pln). In the file dialog popping up just select a file name and save it.

Alternatively you can also send the flight plan directly to Prepar3D, FSX or FSW with the **Load Directly in Prepar3D/FSX/FSW** button.

Note: Directly loading flight plans to Prepar3D, FSX or FSW requires that you have set the documents directory of the simulator first.

Export to X-Plane Flight Plan

Save as X-Plane Flight Plan

Click on the button Save as X-Plane Flight Plan to export a flight plan to a file compatible with X-Plane (formats .flp and .fms). In the file dialog popping up just select a file name and save it.

Export to PMDG Flight Plan

Save as PMDG Flight Plan

You can also use the button Save as PMDG Flight Plan to export a flight plan to a file compatible with PMDG (formats .rte and .rt2). In the file dialog popping up just select a file name and save it.

Export to Flight1

Save as Flight1 GTN 650/750 Flight Plan

You can also use the button Save as Flight1 GTN 650/750 Flight Plan to export a flight plan to a file compatible with Flight1 GTN 650/750 (format .gfp). In the file dialog popping up just select a file name and save it.

Waypoints Text for Copy & Paste

Waypoints Text for Copy & Paste

Choose the format how the waypoints should be displayed below:

Waypoint Airway Waypoint Airway ...
 Waypoint Waypoint Waypoint ...

```
GERGA UM725 TUVAK UM725 GORIG
UM725 BESKO UZ36 POGAB UZ36 SISGO
UZ36 BEBKU UZ36 PIKIB UZ36 MAREM
T106 DIKVA T106 VESUB T106 BAGMI
```

Use this section to easily export waypoints to other applications via copy & paste.

First select if you want to export just a list of waypoints separated by a space or the list should include also airways alternating with the waypoints.

Then just copy & paste the waypoints list from the text field into any other application you wish.

Export to Flight Sim Labs A320 MCDU

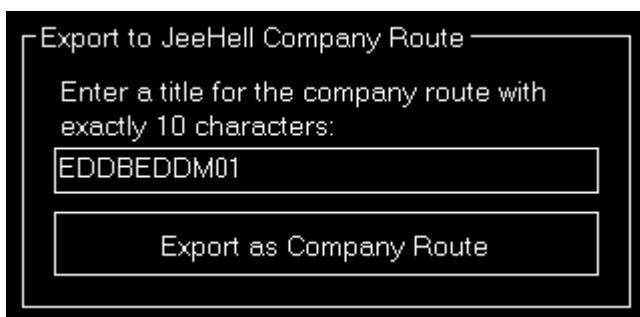


If you have installed the Flight Sim Labs A320-X product you can also export a flight plan directly to the MCDU.

Just click on the button **Export to MCDU** to do so.

Note: This export will only work if the Flight Sim Labs AOC Service is running (check if a directory `\FSLabs\A0CService\Uplink\` exists below the flight simulator installation directory). Additionally the A320 needs to be loaded in flight simulator and electrical power has been established.

Export to JeeHell Company Route

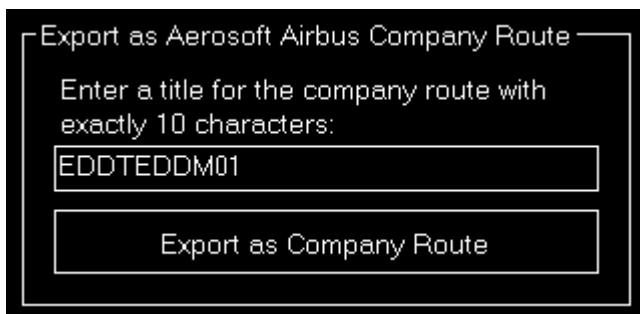


If you have JeeHell installed you can also export a flight plan to as JeeHell company route.

Just enter a title for the company route with exactly 10 characters and click on the button **Export as Company Route**.

Note: After a successful export FS-FlightControl will automatically try to force a reload of company routes in JeeHell. If FS-FlightControl is not running on the same PC as the JeeHell server, make sure WideFMGS is running.

Export as Aerosoft Airbus Company Route



If you have installed an Aerosoft Airbus product you can also export a flight plan as Aerosoft Airbus company route.

Just enter a title for the company route with exactly 10 characters and click on the button **Export as Company Route**.

Export as Wilco Airbus Company Route

Export as Wilco Airbus Company Route

Enter a title for the company route with exactly 10 characters:

Export as Company Route

If you have installed an Wilco/FeelThere Airbus product you can also export a flight plan as Wilco Airbus company route.

Just enter a title for the company route with exactly 10 characters and click on the button **Export as Company Route**.

 Note: As Wilco stores the company route data within a directory that requires administrator permission for writing, you need to start FS-FlightControl as administrator to be able to export a flight plan as Wilco Airbus company route.

Export to AST A320 MCDU

Export to AST A320 MCDU

Export to MCDU

If you have installed the AirSimTech (AST) product you can also export a flight plan directly to the MCDU.

Just click on the button **Export to MCDU** to do so.

FS-FlightControl Manual:
<https://www.fs-flightcontrol.com/en/manual/>

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