

## Import a flight plan from anywhere and fly with the INS

Some people may try and add an FMC or GPS to this great plane, but this really isn't necessary (and it won't work anyway).

The INS will fly you to anywhere you want to, with a SID and STAR if required!

With SID and STAR you may ask? Yes! You need a program like FSCommander or similar to create the flight plan for you though. I use FSCommander for my other flights to so I will use this to explain how to do it.

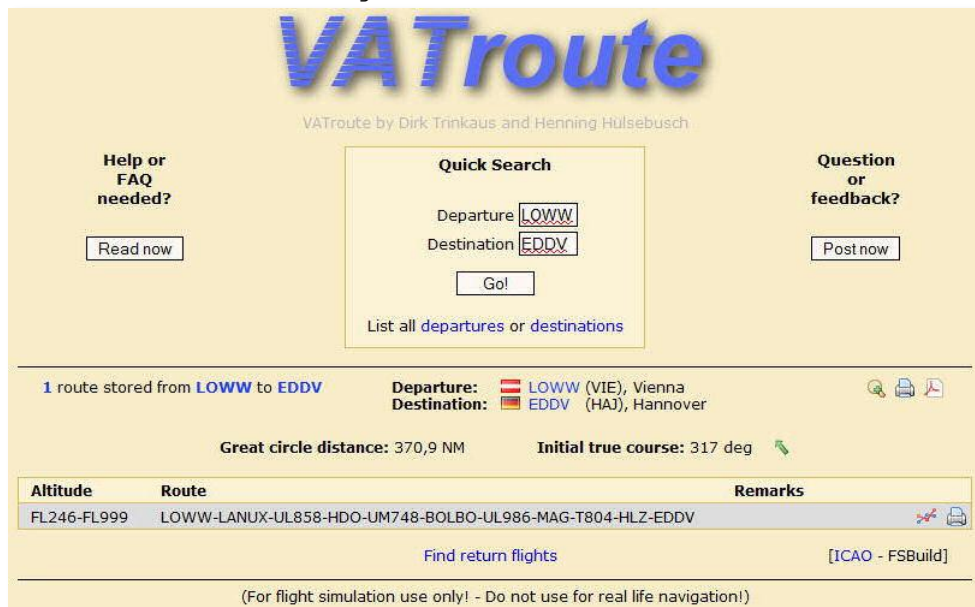
If you like to use a freeware alternative you may want to check vasFMC (1.x), this FMC style add-on can also be used to create and save flight plans.

### Creating a flight plan

There are many ways to create a valid flight plan:

1. You can create a plan with tools like FSCommander, or FSBuild
2. Use this website: <http://rfinder.asalink.net/free/> or collect a valid plan at VATSIM (<http://www.vatroute.net/>) or IVAO (<http://www.iva0.aero/flightops/>)
3. Get a plan from your Virtual Airline

I used a plan from VATroute (VATSIM). Simply go to the VATSIM site (see link above) and fill out the form with the departure and destination airport. In this case I want to fly from Vienna to Hannover (I don't like flights of more than two hours)



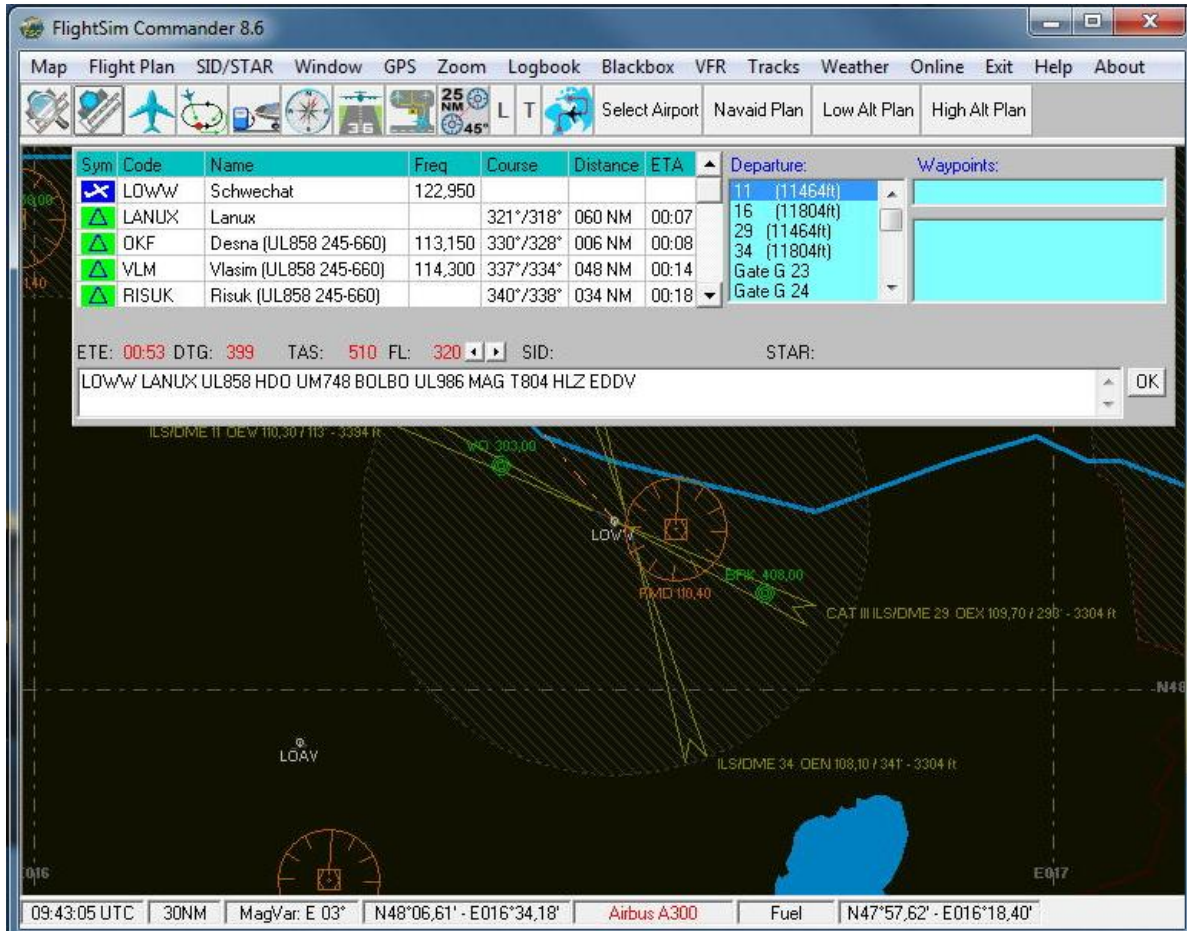
The screenshot shows the VATroute website interface. At the top is the logo "VATroute" in blue, with the text "VATroute by Dirk Trinkaus and Henning Hulsebusch" below it. The main content area is divided into three sections: "Help or FAQ needed?" with a "Read now" button, "Quick Search" with input fields for "Departure" (LOWW) and "Destination" (EDDV), a "Go!" button, and a link "List all departures or destinations", and "Question or feedback?" with a "Post now" button. Below the search section, it displays "1 route stored from LOWW to EDDV" and provides details: "Departure: LOWW (VIE), Vienna" and "Destination: EDDV (HAJ), Hannover". It also shows "Great circle distance: 370,9 NM" and "Initial true course: 317 deg". A table with columns "Altitude", "Route", and "Remarks" contains one entry: "FL246-FL999" | "LOWW-LANUX-UL858-HDO-UM748-BOLBO-UL986-MAG-T804-HLZ-EDDV". At the bottom, there are links for "Find return flights" and "[ICAO - FSBuild]", and a disclaimer: "(For flight simulation use only! - Do not use for real life navigation!)"

Now click on the "FSBuild" link (bottom right) to get a complete plan with airports.

You should get something like this:

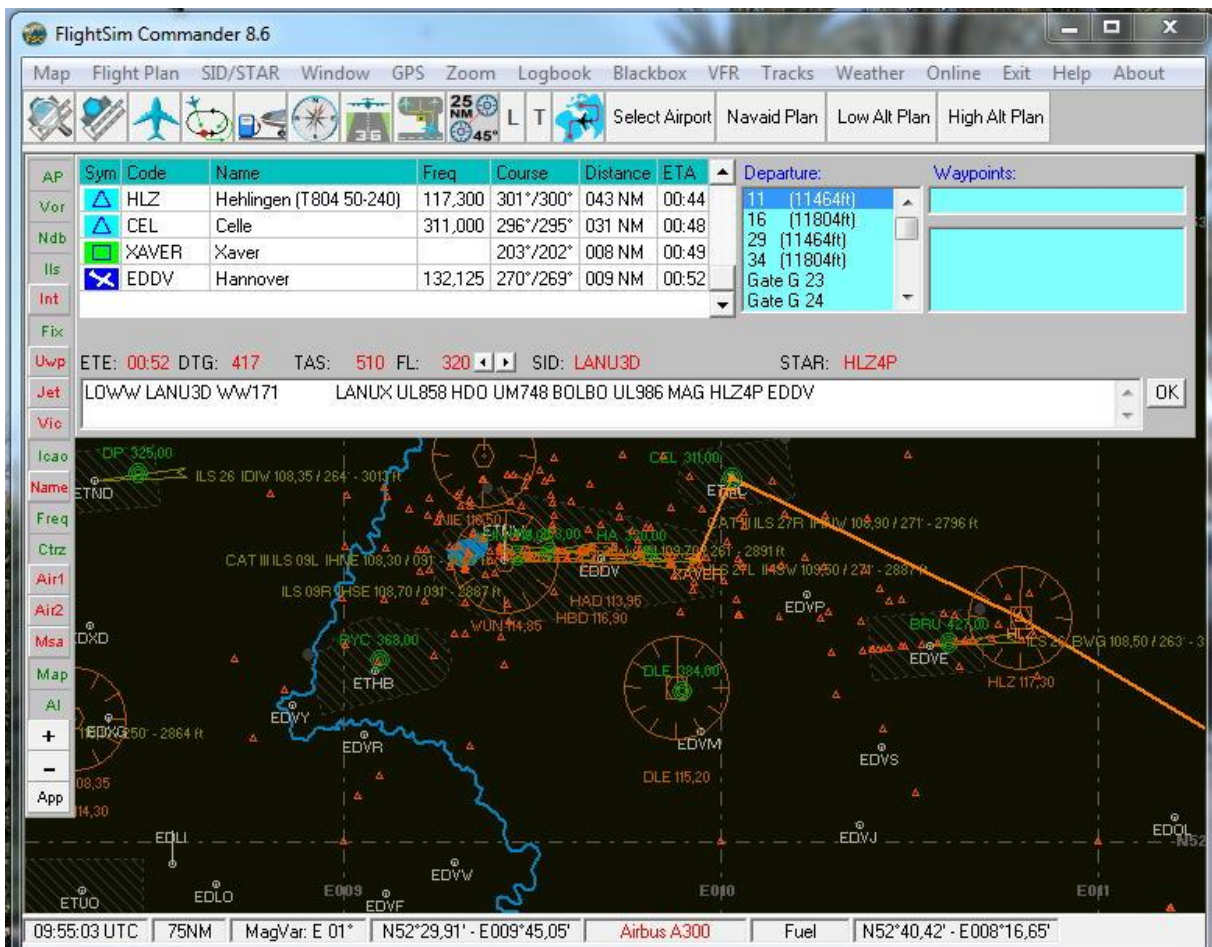
LOWW-LANUX-UL858-HDO-UM748-BOLBO-UL986-MAG-T804-HLZ-EDDV

Copy and paste the route into the FSCommander flight plan line and click the OK button.

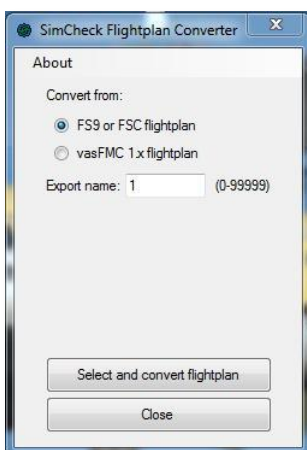


### Importing a flight plan

After selecting the gate of choice, select the correct SID. Today the wind comes from the North-West and RWY 34 is active. Open the SID/STAR menu and select the applicable SID: LANUX, with RWY34 in use we take LANU3D. Open the SID/STAR menu again and select the STAR option. RWY27R is active at our arrival airport and we choose STAR HLZ4P. FSC sets the last waypoint to CEL. There are two ways now to make an easy approach into the destination airport. You either need charts of the airport or get radar vectors from ATC. There are many ways to add RNAV points to the final approach fix XAVER. XAVER is an important waypoint so we put it in the plan. Select CEL in the flight plan. Make sure that fixes are visible and right click on XAVER in the map view, that's it.

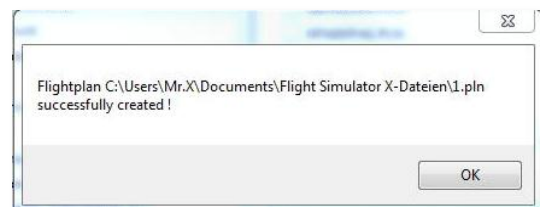


We are now ready to export the flight plan. FSC open the Flight Plan menu and then "Save As". Go directly to your Flight Simulator X Files Folder and save the plan. The plan will be saved as LOWWEDVE.PLN.



Start the SimCheck "Flightplan Converter". Enter a number for the flight plan (the INS can only open flight plan with numbers in the filename), importantly: Keep this number in your mind, because we need it in one of the next steps!

Go to "Select and convert flightplan" and choose LOWWEDDV.PLN, a pop-up dialog should appear indicating that our flight plan has been converted.



The next steps, explaining how to import the flightplan into the INS, are described in the tutorial flight manual on page 18. In the INS enter the number of the flight plan. That's it.

Now you can fly the complete route with SID and STARS, just hope that the RWY don't change. ;)

Feel free to use another route planning software, the steps are basically the same.

I hope that this how-to will help people to see how easy it is to fly with the INS. Try to understand it and you will love it like me. :)

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