



Airservices Australia is a government owned organisation providing safe and secure services to the aviation industry. It manages air traffic operations throughout Australia. It provides the aviation industry with aeronautical data, telecommunications and navigation services. Aerodrome and procedure charts such as SIDs and STARs and ILS approach plates for all major Australian airports are available from *Airservices Australia*.



FSCharts is for flight simulation pilots. It features over 22,000 airport charts worldwide. Each chart includes all runways, headings and frequencies for the selected airport. Charts can be customised to include any information you want including VOR, ILS, NDB and Waypoint data.



Navigraph is a subscription service which provides the international flight simulation community with tools and software like those available to the aviation industry. Its products include FMS data, airport charts, enroute charts and video tutorials. This is a handy site if you use an FMC and want to update your data.



OzRunways Pty Ltd is a CASA approved data provider meaning that Australian pilots can rely on OzRunways EFB or RWY to meet all the requirements for documentation carried in flight: private, commercial or flight simulation, IFR and VFR.



PFPX is a relatively new and innovative flight planning tool developed by real world pilots and dispatchers. It's a valuable and realistic addition to your flight simulation experiences, enabling you to create professional quality flight plans similar to those used by real world airlines.



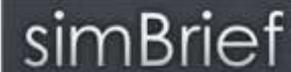
Plan-G is a multi-award winning, user friendly flight planner suitable for FSX, FS 2004, P3D and X-Plane. It features an OpenStreetMaps interface. It inserts Snippet Files and QuickSnippets into a plan. It shows multiple VOR and NDB radials. It also features aircraft performance profiles, PDF chart viewer, COM/NAV radio stack, autopilot and enhanced Quick Planner. It is recommended by VATPAC as the best VFR flight planning tool as it allows you to see your position on the map as well as well as other VATSIM traffic and controllers.



SimRoutes is a preferred route database designed for pilots wanting to fly from point A to point B. It matches your route queries to a small set of route possibilities that are preferred by the ARTCC/FIR/VAVV which you are flying to or from – rather than present you with slightly different routes for each departure/arrival pair. The intended users of these routes are virtual pilots flying on the VATSIM network. The data contained on *SimRoutes* is NOT intended for real world use.



[Routefinder](#) is a product of the ASA srl company which offers IT solutions and services for the management and processing of aeronautical information. This route generator service is provided free of charge to the Flight Simulation Community. While its concept is based on current ASA technology, it does not contain all the logic and features of its counterpart aimed at real aviation users. As such it should NOT be used for real world navigation. *Routefinder's* data coverage is worldwide, with detailed airport services information.



[SimBrief](#), established in 2013, was created with the intent of sharing a series of flight planning tools with the general flight simulation community. Databases are based on real world data, making SimBrief ideal for use with any of the flight simulation platforms currently on the market. Through a partnership with Navigraph, purchasers of Navigraph's *FMS Data* product can enjoy the added bonus of unlocking the latest AIRAC for use with their SimBrief account. That being said, those without a Navigraph subscription can still freely use the default SimBrief.com database, which is slightly dated. VATPAC recommends SimBrief as the best free briefing software



[SimPlates ULTRA](#) is the world's best collection of IFR approach (and other) charts and a world airport/facility directory aimed at the serious flight simulation enthusiast. SimPlates X features over 70,000 real world IFR charts. SimPlates has won high praise from major flight simulation websites and magazines worldwide.



[TOPCAT](#) stands for Take-off and Landing Performance Calculation *Tool* is a highly realistic, easy to use planning tool for all serious flight simulator enthusiasts. It brings into a single application all of the calculations required to plan for safe and repeatable take-offs and landings. Available from Flightsimsoft.



[ChartFox](#) is a completely free aviation chart application for educational flight simulation. In one place all the individual aeronautical information packages (AIPs) of countries are brought together, allowing easy, efficient access to over four thousand aviation charts. When you select a chart, a link is sent to your browser, and your browser loads the chart directly from the chart supplier and displays it to you. The tool is available online at ChartFox, but a VATSIM account is required for registration.



[On Line Flight Planner](#) is a free to use site is to quickly create a flight plan for FS2004, FSX and X-Plane, FlightGear or other addons with estimated fuel quantity calculation. The flight plan is based on calculations by [RouteFinder](#) and the fuel plan is based on calculations by [FuelPlanner](#)



[VfrFlight](#) is a free, cross-platform tool for VFR flight planning developed by a real-world pilot. It can be used for real world planning and in FSX, FSX Steam, Prepar3D, X-Plane 10/11 and Flight Gear. It comes with support for seven languages: English, Polish, German, Spanish, Italian, Portuguese and Dutch.

It will execute on any computer with Java support. It contains all the information you need for safe and effective planning, including minimum safe altitudes, TAF and METAR reports for weather information, support for VFR checkpoints, VORs, weight and balance calculation, and much more. You can create a customizable PDF of flight plans ready to print.



[SkyVector](#) is a premier provider of world-wide aeronautical charts, online mapping and related flight planning products and services. Through its enhanced flight planning suite, SkyVector combines its unique aeronautical mapping capability with

weather and data overlays, airport information, fixed base operator (FBO) listings and more. Screenshots from SkyVector may be used for free by media in their broadcasts or publications if attributed to "SkyVector". Any screenshot published on the web must include a link to SkyVector.co.



[AirMate](#) is a free and easy to use application for pilots, providing help for flight planning and navigation, and includes many social sharing features. With AirMate you will get instant access to airport data and aviation maps worldwide and up to date weather and NOTAMs. IFR and VFR airport plates are freely available in USA (FAA charts), all of Europe, and more than 200 other countries.

Many of them are georeferenced and could be overlaid on the navigational chart. A powerful Plate Manager allows you to download in advance all the airport plates in a country. They can be easily printed and viewed. AirMate will also record you flights and allow them to be replayed later or export the flight plan in gpx format.



[Avia Maps](#) is a reliable and straightforward application for pilots and flight sim enthusiasts for 42 countries on all continents (except Antarctica). Countries with Airspace data include the United States, Canada, most of Europe, Australia and New Zealand. You Simply choose and 5 by 5 degree area on earth and download the relevant data for offline use. The map features over 50,000 airports and 11,000 nav aids around the globe.

The app is suitable for pre-flight route planning with wind and fuel calculations, as well as flight navigation. You also get the latest weather for more than 9500 airports. Initial downloading of the app gives full access for a trial period. After the evaluation period of 30 days, you will have to do an in-app purchase of currently USD \$10.99. There are no recurring charges.

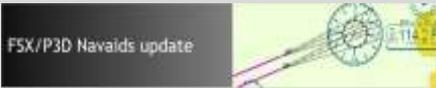


[PLN Flight Planner](#) is a free application which lets you plot a flight plan by pointing-and-clicking on a map. You can export the flight plan as a PLN file, which can then be imported into a variety of flight simulation platforms such as Microsoft Flight Simulator. Available from the Microsoft store.



Vroute is a free, online flight planning tool used for flight simulation and gathering of data. The tool features standard, fixed-size maps with online traffic which can be used to calculate fuel. The flight management computer can be manually programmed. It features simulation of flying the plane during the day time for realistic effects.

Vroute uses the VATSIM server which features 73,000 routes in its database. It is also bundled up with features like flight and ATC features. Vroute information helps the user in getting a professional experience. It is easy to use and has the ability to convert all the time zones to user local time. It gives the complete details for events happening and a PDF document can be created which contains the detail for the reports generated.



FSX/P3D Nav aids Update are for FSX and P3D up to P3Dv5 and include aeronautical data that are referenced by the latest aeronautical information.

The FSX/P3D World Nav aids packages will update navigational aids (VORs, NDBs) in selectable world areas. A multi-platform, automatic installer is provided that allows region/airport selection. All original files are saved and can be restored. A PDF documentation is included. World ILS/Rwy updates for FSX/P3dv1-4 will correct ILSs, airport names, runway identifiers, markers, embedded terminal NDBs, runway/approach lighting and PAPI/VASI in other regions other than Europe.

If you know of other good flight planning products, email me at info@flightsimaus.com.au