

Electronic Flight Bag

EFB provides **all necessary flight information** available '**right at your fingertips**' in digital format, such as:

1. Aeronautical Charts and Airport Information
2. Route Information
3. Weather information (METAR)
4. Support for "Online Flying" (VATSIM/IVAO)
5. Flightlog
6. Checklists
7. Documents Library

Therefore the EFB

- is **minimizing paperwork** in the cockpit
- provides **faster access** to data required for takeoffs, landings and even emergencies
- **reduces workload** during stressful situations

➤ [Requirements](#) are listed at the bottom of the product entry page.

Aeronautical Charts

The charts you need for your flight are **rendered on demand**, based on several sources like flight simulator data and [Navigraph FMS data](#) (SIDs, STARs and Approaches).

One complete Navigraph AIRAC cycle (1101) will be shipped together with the installation package, so even if you are not a subscriber to the Navigraph service, you are ready to start flying. **Many thanks to Navigraph for this generous gesture.** Current revisions of the navigation data may be purchased from www.navigraph.com.

The following chart types are available:

Approach



Arrival/Departure



Enroute



Airport (Ground)



'**Moving Map**' functionality is available **on all chart-types**.

If the 'Moving Map' is activated and an airport-ground chart is selected, the aircrafts heading points always to the top of the chart while the chart is rotating. In combination with the taxiway-selector you never will miss again the right/commanded taxiway.

On every chart-type one can select from different objects to be drawn like VORs, NDBs, Aiports and more.

For night flights there is a special (darker) representation mode selectable.



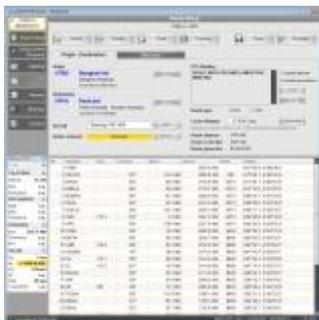
On arrival- and departure charts select the procedure overview which shows the entry- and exit-waypoints of the different procedures.



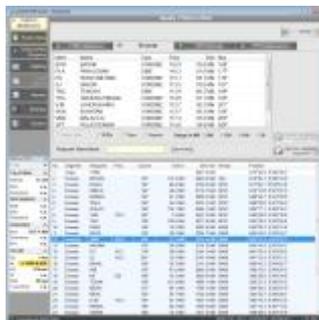
Route Setup

Routes may be created from several sources. Either creating a completely new route or getting the route description from internet based services like ['VATroute'](#) or ['RouteFinder'](#). Reading a predefined FSX-route is just another way to get a route description. All routes (independent from which source they came) can be saved as FSX route and therefore they are immediately available at the FSX integrated GARMIN GPS system.

Route Setup



Modify Route



Route Progress

As soon as a route has been activated the EFB-system creates **all the needed charts** for this flight and makes them available in a **flight phase oriented chronological sequence** which is oriented on the typical route profile.



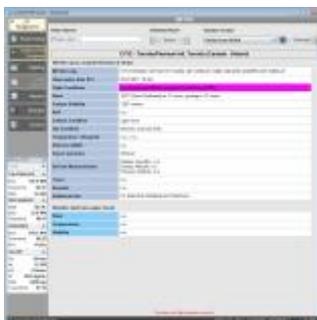
The EFB-system automatically switches from one chart to the logically next chart thus the **chart-type matches the current flight phase**.

Depending on the current flightphase the corresponding checklists will be made available to you.



Weather information (METAR)

The METAR module provides you textual decoded METAR information which can be taken from several sources.



Flying "Online"

EFB's most anticipated new features allow IVAO™ and VATSIM users to view active controllers and regions as you plan and fly your route, and – in a feature unique to EFB – to provide pilots with a COM frequency strip that's customized to your current flight and which prompts you to change to the correct frequency, on time.

Athens-Venizelos (LGAV)				LGGC	LGRP - Airport
135.12	118.62	132.97	128.95	129.8	127.25
ATS	Tower	Approach	Departure	Athens Control	Approach
LGAV_ATS	LGAV_TWR	LGAV_APP	LGAV_DEP	LGGC_ATIS	LGRP_APP

And whether you fly with an online network, in a multiplayer session, or with one of the major AI traffic packages and ATC add-ons, EFB gives you the full view of your crowded airways and tarmacs. It's like having a full-speed ADS-B connection right in your cockpit!



(Left) Enroute overview for a trip from Athens to Rhodes Diagoras. (Right) Outside of the airport's 30NM range, frequency set to "Athens Control" 129.8



Flightlog

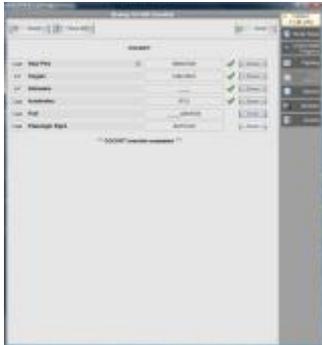
Derived from the active route information the EFB-system creates the flightlog. The flightlog will be fulfilled automatically whenever the aircraft has passed a waypoint along your route or when other significant events like 'Takeoff' or 'Touchdown' happen.

Time	Altitude	Speed	Heading	Waypoint	Event
00:00:00	0	0	0	ATHENS	Takeoff
00:01:00	1000	150	090	ATHENS	Waypoint
00:02:00	2000	180	090	ATHENS	Waypoint
00:03:00	3000	200	090	ATHENS	Waypoint
00:04:00	4000	220	090	ATHENS	Waypoint
00:05:00	5000	240	090	ATHENS	Waypoint
00:06:00	6000	260	090	ATHENS	Waypoint
00:07:00	7000	280	090	ATHENS	Waypoint
00:08:00	8000	300	090	ATHENS	Waypoint
00:09:00	9000	320	090	ATHENS	Waypoint
00:10:00	10000	340	090	ATHENS	Waypoint
00:11:00	11000	360	090	ATHENS	Waypoint
00:12:00	12000	380	090	ATHENS	Waypoint
00:13:00	13000	400	090	ATHENS	Waypoint
00:14:00	14000	420	090	ATHENS	Waypoint
00:15:00	15000	440	090	ATHENS	Waypoint
00:16:00	16000	460	090	ATHENS	Waypoint
00:17:00	17000	480	090	ATHENS	Waypoint
00:18:00	18000	500	090	ATHENS	Waypoint
00:19:00	19000	520	090	ATHENS	Waypoint
00:20:00	20000	540	090	ATHENS	Waypoint
00:21:00	21000	560	090	ATHENS	Waypoint
00:22:00	22000	580	090	ATHENS	Waypoint
00:23:00	23000	600	090	ATHENS	Waypoint
00:24:00	24000	620	090	ATHENS	Waypoint
00:25:00	25000	640	090	ATHENS	Waypoint
00:26:00	26000	660	090	ATHENS	Waypoint
00:27:00	27000	680	090	ATHENS	Waypoint
00:28:00	28000	700	090	ATHENS	Waypoint
00:29:00	29000	720	090	ATHENS	Waypoint
00:30:00	30000	740	090	ATHENS	Waypoint
00:31:00	31000	760	090	ATHENS	Waypoint
00:32:00	32000	780	090	ATHENS	Waypoint
00:33:00	33000	800	090	ATHENS	Waypoint
00:34:00	34000	820	090	ATHENS	Waypoint
00:35:00	35000	840	090	ATHENS	Waypoint
00:36:00	36000	860	090	ATHENS	Waypoint
00:37:00	37000	880	090	ATHENS	Waypoint
00:38:00	38000	900	090	ATHENS	Waypoint
00:39:00	39000	920	090	ATHENS	Waypoint
00:40:00	40000	940	090	ATHENS	Waypoint
00:41:00	41000	960	090	ATHENS	Waypoint
00:42:00	42000	980	090	ATHENS	Waypoint
00:43:00	43000	1000	090	ATHENS	Waypoint
00:44:00	44000	1020	090	ATHENS	Waypoint
00:45:00	45000	1040	090	ATHENS	Waypoint
00:46:00	46000	1060	090	ATHENS	Waypoint
00:47:00	47000	1080	090	ATHENS	Waypoint
00:48:00	48000	1100	090	ATHENS	Waypoint
00:49:00	49000	1120	090	ATHENS	Waypoint
00:50:00	50000	1140	090	ATHENS	Waypoint
00:51:00	51000	1160	090	ATHENS	Waypoint
00:52:00	52000	1180	090	ATHENS	Waypoint
00:53:00	53000	1200	090	ATHENS	Waypoint
00:54:00	54000	1220	090	ATHENS	Waypoint
00:55:00	55000	1240	090	ATHENS	Waypoint
00:56:00	56000	1260	090	ATHENS	Waypoint
00:57:00	57000	1280	090	ATHENS	Waypoint
00:58:00	58000	1300	090	ATHENS	Waypoint
00:59:00	59000	1320	090	ATHENS	Waypoint
01:00:00	60000	1340	090	ATHENS	Waypoint
01:01:00	61000	1360	090	ATHENS	Waypoint
01:02:00	62000	1380	090	ATHENS	Waypoint
01:03:00	63000	1400	090	ATHENS	Waypoint
01:04:00	64000	1420	090	ATHENS	Waypoint
01:05:00	65000	1440	090	ATHENS	Waypoint
01:06:00	66000	1460	090	ATHENS	Waypoint
01:07:00	67000	1480	090	ATHENS	Waypoint
01:08:00	68000	1500	090	ATHENS	Waypoint
01:09:00	69000	1520	090	ATHENS	Waypoint
01:10:00	70000	1540	090	ATHENS	Waypoint
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01:16:00	76000	1660	090	ATHENS	Waypoint
01:17:00	77000	1680	090	ATHENS	Waypoint
01:18:00	78000	1700	090	ATHENS	Waypoint
01:19:00	79000	1720	090	ATHENS	Waypoint
01:20:00	80000	1740	090	ATHENS	Waypoint
01:21:00	81000	1760	090	ATHENS	Waypoint
01:22:00	82000	1780	090	ATHENS	Waypoint
01:23:00	83000	1800	090	ATHENS	Waypoint
01:24:00	84000	1820	090	ATHENS	Waypoint
01:25:00	85000	1840	090	ATHENS	Waypoint
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01:27:00	87000	1880	090	ATHENS	Waypoint
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02:16:00	136000	2860	090	ATHENS	Waypoint
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02:21:00	141000	2960	090	ATHENS	Waypoint
02:22:00	142000	2980	090	ATHENS	Waypoint
02:23:00	143000	3000	090	ATHENS	Waypoint
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02:28:00	148000	3100	090	ATHENS	Waypoint
02:29:00	149000	3120	090	ATHENS	Waypoint
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03:06:00	186000	3860	090	ATHENS	Waypoint
03:07:00	187000	3880	090	ATHENS	Waypoint
03:08:00	188000	3900	090	ATHENS	Waypoint
03:09:00	189000	3920	090	ATHENS	Waypoint
03:10:00	190000	3940	090	ATHENS	Waypoint
03:11:00	191000	3960	090	ATHENS	Waypoint
03:12:00	192000	3980	090	ATHENS	Waypoint
03:13:00	193000	4000	090	ATHENS	Waypoint
03:14:00	194000	4020	090	ATHENS	Waypoint
03:15:00	195000	4040	090	ATHENS	Waypoint
03:16:00	196000	4060	090	ATHENS	Waypoint
03:17:00	197000	4080	090	ATHENS	Waypoint
03:18:00	198000	4100	090	ATHENS	Waypoint
03:19:00	199000	4120	090	ATHENS	Waypoint
03:20:00	200000	4140	090	ATHENS	Waypoint
03:21:00	201000	4160	090	ATHENS	Waypoint
03:22:00	202000	4180	090	ATHENS	Waypoint
03:23:00	203000	4200	090	ATHENS	Waypoint
03:24:00	204000	4220	090		

Checklists

With the built-in checklist editor one can create own checklists for every aircraft type in the hangar. Before start flying you just have to select your preferred aircraft and the corresponding checklists are loaded into the flight bag.

Checklist Normal



Checklist Abnormal



Library

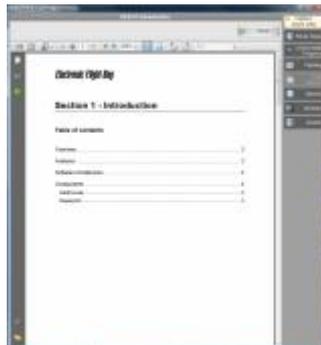
The library module is to organize your documents. Simply copy and paste the needed files into a predefined folder and they are available within the EFB-system. Currently the following file types are supported:

- *.pdf
- *.txt
- *.rtf
- *.htm, *.html

Library Contents



Library Document



NOTAMS

Preset your favourite website which is providing up to date notams and open this website whenever you need it.



Network based solution

The product runs on a stand-alone computer as well as in a distributed installation on several computers within a network. No other additional programs are needed to operate the EFB-system within a network, all the needed components are contained and installed. Just use it.

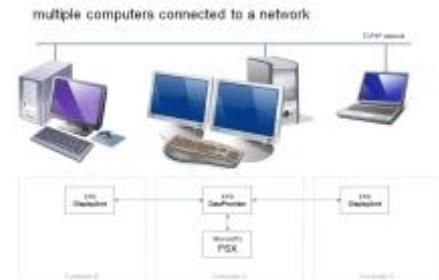
Installation Type 1



Installation Type 2



Installation Type 3



Touchscreen

The whole application has been developed to be serviceable also by touchscreens. To use this option just select it at the application settings. This includes bigger fonts and buttons so one should be able to operate most of all functions by its fingers.



FSX Integration

If the EFB-system runs locally on one single computer, the important functions of the EFB-system can be operated via 'On-Screen-Menus' from within FSX.

