

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.

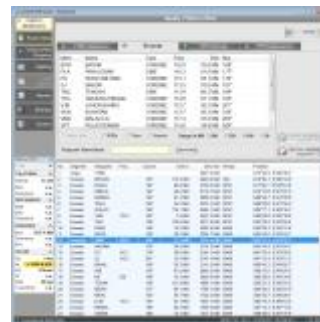


Route Setup

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.

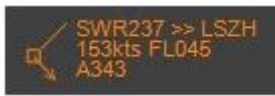


Flying "Online"

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	LGCC_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

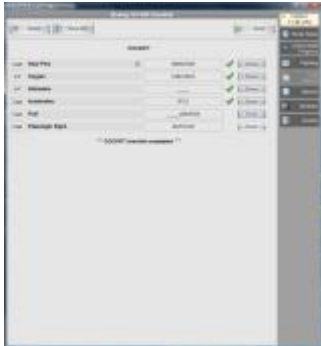
Derived from the active route information the EFB-system creates the flightlog. The flightlog will be fulfilled automatically whenever the aircraft has passed a waypoint along your route or when other significant events like 'Takeoff' or 'Touchdown' happen.

Time	Altitude	Speed	Heading	Waypoint	Event
00:00	0	0	0	ATHENS	Takeoff
00:05	1000	150	090	ATHENS	Waypoint
00:10	2000	180	090	ATHENS	Waypoint
00:15	3000	200	090	ATHENS	Waypoint
00:20	4000	220	090	ATHENS	Waypoint
00:25	5000	240	090	ATHENS	Waypoint
00:30	6000	260	090	ATHENS	Waypoint
00:35	7000	280	090	ATHENS	Waypoint
00:40	8000	300	090	ATHENS	Waypoint
00:45	9000	320	090	ATHENS	Waypoint
00:50	10000	340	090	ATHENS	Waypoint
00:55	11000	360	090	ATHENS	Waypoint
01:00	12000	380	090	ATHENS	Waypoint
01:05	13000	400	090	ATHENS	Waypoint
01:10	14000	420	090	ATHENS	Waypoint
01:15	15000	440	090	ATHENS	Waypoint
01:20	16000	460	090	ATHENS	Waypoint
01:25	17000	480	090	ATHENS	Waypoint
01:30	18000	500	090	ATHENS	Waypoint
01:35	19000	520	090	ATHENS	Waypoint
01:40	20000	540	090	ATHENS	Waypoint
01:45	21000	560	090	ATHENS	Waypoint
01:50	22000	580	090	ATHENS	Waypoint
01:55	23000	600	090	ATHENS	Waypoint
02:00	24000	620	090	ATHENS	Waypoint
02:05	25000	640	090	ATHENS	Waypoint
02:10	26000	660	090	ATHENS	Waypoint
02:15	27000	680	090	ATHENS	Waypoint
02:20	28000	700	090	ATHENS	Waypoint
02:25	29000	720	090	ATHENS	Waypoint
02:30	30000	740	090	ATHENS	Waypoint
02:35	31000	760	090	ATHENS	Waypoint
02:40	32000	780	090	ATHENS	Waypoint
02:45	33000	800	090	ATHENS	Waypoint
02:50	34000	820	090	ATHENS	Waypoint
02:55	35000	840	090	ATHENS	Waypoint
03:00	36000	860	090	ATHENS	Waypoint
03:05	37000	880	090	ATHENS	Waypoint
03:10	38000	900	090	ATHENS	Waypoint
03:15	39000	920	090	ATHENS	Waypoint
03:20	40000	940	090	ATHENS	Waypoint
03:25	41000	960	090	ATHENS	Waypoint
03:30	42000	980	090	ATHENS	Waypoint
03:35	43000	1000	090	ATHENS	Waypoint
03:40	44000	1020	090	ATHENS	Waypoint
03:45	45000	1040	090	ATHENS	Waypoint
03:50	46000	1060	090	ATHENS	Waypoint
03:55	47000	1080	090	ATHENS	Waypoint
04:00	48000	1100	090	ATHENS	Waypoint
04:05	49000	1120	090	ATHENS	Waypoint
04:10	50000	1140	090	ATHENS	Waypoint
04:15	51000	1160	090	ATHENS	Waypoint
04:20	52000	1180	090	ATHENS	Waypoint
04:25	53000	1200	090	ATHENS	Waypoint
04:30	54000	1220	090	ATHENS	Waypoint
04:35	55000	1240	090	ATHENS	Waypoint
04:40	56000	1260	090	ATHENS	Waypoint
04:45	57000	1280	090	ATHENS	Waypoint
04:50	58000	1300	090	ATHENS	Waypoint
04:55	59000	1320	090	ATHENS	Waypoint
05:00	60000	1340	090	ATHENS	Waypoint
05:05	61000	1360	090	ATHENS	Waypoint
05:10	62000	1380	090	ATHENS	Waypoint
05:15	63000	1400	090	ATHENS	Waypoint
05:20	64000	1420	090	ATHENS	Waypoint
05:25	65000	1440	090	ATHENS	Waypoint
05:30	66000	1460	090	ATHENS	Waypoint
05:35	67000	1480	090	ATHENS	Waypoint
05:40	68000	1500	090	ATHENS	Waypoint
05:45	69000	1520	090	ATHENS	Waypoint
05:50	70000	1540	090	ATHENS	Waypoint
05:55	71000	1560	090	ATHENS	Waypoint
06:00	72000	1580	090	ATHENS	Waypoint
06:05	73000	1600	090	ATHENS	Waypoint
06:10	74000	1620	090	ATHENS	Waypoint
06:15	75000	1640	090	ATHENS	Waypoint
06:20	76000	1660	090	ATHENS	Waypoint
06:25	77000	1680	090	ATHENS	Waypoint
06:30	78000	1700	090	ATHENS	Waypoint
06:35	79000	1720	090	ATHENS	Waypoint
06:40	80000	1740	090	ATHENS	Waypoint
06:45	81000	1760	090	ATHENS	Waypoint
06:50	82000	1780	090	ATHENS	Waypoint
06:55	83000	1800	090	ATHENS	Waypoint
07:00	84000	1820	090	ATHENS	Waypoint
07:05	85000	1840	090	ATHENS	Waypoint
07:10	86000	1860	090	ATHENS	Waypoint
07:15	87000	1880	090	ATHENS	Waypoint
07:20	88000	1900	090	ATHENS	Waypoint
07:25	89000	1920	090	ATHENS	Waypoint
07:30	90000	1940	090	ATHENS	Waypoint
07:35	91000	1960	090	ATHENS	Waypoint
07:40	92000	1980	090	ATHENS	Waypoint
07:45	93000	2000	090	ATHENS	Waypoint
07:50	94000	2020	090	ATHENS	Waypoint
07:55	95000	2040	090	ATHENS	Waypoint
08:00	96000	2060	090	ATHENS	Waypoint
08:05	97000	2080	090	ATHENS	Waypoint
08:10	98000	2100	090	ATHENS	Waypoint
08:15	99000	2120	090	ATHENS	Waypoint
08:20	100000	2140	090	ATHENS	Waypoint
08:25	101000	2160	090	ATHENS	Waypoint
08:30	102000	2180	090	ATHENS	Waypoint
08:35	103000	2200	090	ATHENS	Waypoint
08:40	104000	2220	090	ATHENS	Waypoint
08:45	105000	2240	090	ATHENS	Waypoint
08:50	106000	2260	090	ATHENS	Waypoint
08:55	107000	2280	090	ATHENS	Waypoint
09:00	108000	2300	090	ATHENS	Waypoint
09:05	109000	2320	090	ATHENS	Waypoint
09:10	110000	2340	090	ATHENS	Waypoint
09:15	111000	2360	090	ATHENS	Waypoint
09:20	112000	2380	090	ATHENS	Waypoint
09:25	113000	2400	090	ATHENS	Waypoint
09:30	114000	2420	090	ATHENS	Waypoint
09:35	115000	2440	090	ATHENS	Waypoint
09:40	116000	2460	090	ATHENS	Waypoint
09:45	117000	2480	090	ATHENS	Waypoint
09:50	118000	2500	090	ATHENS	Waypoint
09:55	119000	2520	090	ATHENS	Waypoint
10:00	120000	2540	090	ATHENS	Waypoint
10:05	121000	2560	090	ATHENS	Waypoint
10:10	122000	2580	090	ATHENS	Waypoint
10:15	123000	2600	090	ATHENS	Waypoint
10:20	124000	2620	090	ATHENS	Waypoint
10:25	125000	2640	090	ATHENS	Waypoint
10:30	126000	2660	090	ATHENS	Waypoint
10:35	127000	2680	090	ATHENS	Waypoint
10:40	128000	2700	090	ATHENS	Waypoint
10:45	129000	2720	090	ATHENS	Waypoint
10:50	130000	2740	090	ATHENS	Waypoint
10:55	131000	2760	090	ATHENS	Waypoint
11:00	132000	2780	090	ATHENS	Waypoint
11:05	133000	2800	090	ATHENS	Waypoint
11:10	134000	2820	090	ATHENS	Waypoint
11:15	135000	2840	090	ATHENS	Waypoint
11:20	136000	2860	090	ATHENS	Waypoint
11:25	137000	2880	090	ATHENS	Waypoint
11:30	138000	2900	090	ATHENS	Waypoint
11:35	139000	2920	090	ATHENS	Waypoint
11:40	140000	2940	090	ATHENS	Waypoint
11:45	141000	2960	090	ATHENS	Waypoint
11:50	142000	2980	090	ATHENS	Waypoint
11:55	143000	3000	090	ATHENS	Waypoint
12:00	144000	3020	090	ATHENS	Waypoint
12:05	145000	3040	090	ATHENS	Waypoint
12:10	146000	3060	090	ATHENS	Waypoint
12:15	147000	3080	090	ATHENS	Waypoint
12:20	148000	3100	090	ATHENS	Waypoint
12:25	149000	3120	090	ATHENS	Waypoint
12:30	150000	3140	090	ATHENS	Waypoint
12:35	151000	3160	090	ATHENS	Waypoint
12:40	152000	3180	090	ATHENS	Waypoint
12:45	153000	3200	090	ATHENS	Waypoint
12:50	154000	3220	090	ATHENS	Waypoint
12:55	155000	3240	090	ATHENS	Waypoint
13:00	156000	3260	090	ATHENS	Waypoint
13:05	157000	3280	090	ATHENS	Waypoint
13:10	158000	3300	090	ATHENS	Waypoint
13:15	159000	3320	090	ATHENS	Waypoint
13:20	160000	3340	090	ATHENS	Waypoint
13:25	161000	3360	090	ATHENS	Waypoint
13:30	162000	3380	090	ATHENS	Waypoint
13:35	163000	3400	090	ATHENS	Waypoint
13:40	164000	3420	090	ATHENS	Waypoint
13:45	165000	3440	090	ATHENS	Waypoint
13:50	166000	3460	090	ATHENS	Waypoint
13:55	167000	3480	090	ATHENS	Waypoint
14:00	168000	3500	090	ATHENS	Waypoint
14:05	169000	3520	090	ATHENS	Waypoint
14:10	170000	3540	090	ATHENS	Waypoint
14:15	171000	3560	090	ATHENS	Waypoint
14:20	172000	3580	090	ATHENS	Waypoint
14:25	173000	3600	090	ATHENS	Waypoint
14:30	174000	3620	090	ATHENS	Waypoint
14:35	175000	3640	090	ATHENS	Waypoint
14:40	176000	3660	090	ATHENS	Waypoint
14:45	177000	3680	090	ATHENS	Waypoint
14:50	178000	3700	090	ATHENS	Waypoint
14:55	179000	3720	090	ATHENS	Waypoint
15:00	180000	3740	090	ATHENS	Waypoint
15:05	181000	3760	090	ATHENS	Waypoint
15:10	182000	3780	090	ATHENS	Waypoint
15:15	183000	3800	090	ATHENS	Waypoint
15:20	184000	3820	090	ATHENS	Waypoint
15:25	185000	3840	090	ATHENS	Waypoint
15:30	186000	3860	090	ATHENS	Waypoint
15:35	187000	3880	090	ATHENS	Waypoint
15:40	188000	3900	090	ATHENS	Waypoint
15:45	189000	3920	090	ATHENS	Waypoint
15:50	190000	3940	090	ATHENS	Waypoint
15:55	191000	3960	090	ATHENS	Waypoint
16:00	192000	3980	090	ATHENS	Waypoint
16:05	193000	4000	090	ATHENS	Waypoint
16:10	194000	4020	090	ATHENS	Waypoint
16:15	195000	4040	090	ATHENS	Waypoint
16:20	196000	4060	090	ATHENS	Waypoint
16:25	197000	4080	090	ATHENS	Waypoint
16:30	198000	4100	090	ATHENS	Waypoint
16:35	199000	4120	090	ATHENS	Waypoint
16:40	200000	4140	090	ATHENS	Waypoint
16:45	201000	4160	090	ATHENS	Waypoint
16:50	202000	4180	090	ATHENS	Waypoint
16:55	203000	4200	090	ATHENS	Waypoint
17:00	204000	4220	090	ATHENS	Waypoint
17:05	205000	4240	090	ATHENS	Waypoint
17:10	206000	4260	090	ATHENS	Waypoint
17:15	207000	4280	090	ATHENS	Waypoint
17:20	208000	4300	090	ATHENS	Waypoint
17:25	209000	4320	090	ATHENS	Waypoint
17:30	210000	4340	090	ATHENS	Waypoint
17:35	211000	4360	090	ATHENS	Waypoint
17:40	212000	4380	090	ATHENS	Waypoint
17:45	213000	4400	090	ATHENS	Waypoint
17:50	214000	4420	090	ATHENS	Waypoint
17:55	215000	4440	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.



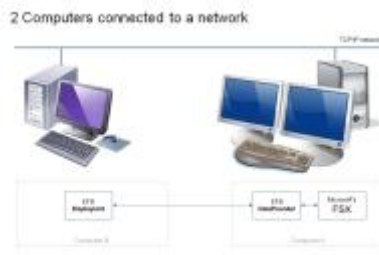
Network based solution

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.

