



STRONGPILOT EFB

SETUP REQUIREMENTS

for

AIRBUS TYPE AIRCRAFT

DOCUMENT NUMBER
STP-A-PTR-001

RELEASE/REVISION DATE
02 April 2012

Airbus Requirements Form Ver. 1.0



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(Hereinafter referred to as "Strongpilot")

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1 INTRODUCTION

This chapter introduces the Strongpilot EFB Setup requirements for Airbus Type Aircraft. It provides background information for preparing setup file. It also summarizes the chapters in this guide, shows the syntactical conventions used.

If, after reading the documentation, there are still difficulties for answering questions, please do not hesitate to contact with Strongpilot.

2 OBJECTIVES

Setup preparation document was developed to fulfill these basic objectives:

- Decision of correct Strongpilot EFB tools,
- Usage of correct Aircraft databases and limits,
- Usage of correct Aircraft documents,
- Usage of correct Company documents,
- Preparing the setup according to the operator limits,

3 SYSTEM REQUIREMENTS

In order to install and run the Strongpilot EFB software, you must have a personal computer or STC approved Class-II hardware and Microsoft Windows XP ® or later installed and operating. Refer to your Windows® user documentation for further information on the system requirements for Windows®.

In order to use the web-based internet update, you must also have internet access.

Strongpilot Class-I and/or Class-II EFB developed for 1024*768-screen resolution to support current available Class-II hardware maximum resolution. (Goodrich, NavAero, IMS, CMC and Rugged Mobility)

Lower or higher screen resolutions do not supported for Strongpilot EFB.

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4 CUSTOMER OBLIGATIONS

Following information's, documents and required Aircraft databases should be provided to Strongpilot for EFB setup.

Important Note for usage of Aircraft Databases:

If needed, necessary permissions or rights or passwords or data release agreements should be requested or adjusted for Strongpilot usage.

5 REQUIRED DATAS

5.1 REQUESTED STRONGPILOT SOFTWARE

All Strongpilot software based on AC120-76A / EASA-JAA Leaflet No 36 requirements.

Strongpilot offers a fully integrated EFB Class-I and Class-II software solutions for followings running on Windows. Please select the requested software from below list for number of Aircraft.

Note: Different Aircraft types are not important.

SOFTWARE	AIRCRAFT NUMBER	NOTES
EFB Manager	-	Standard Option
EFF (Electronic Flight Folder)		
Takeoff Performance Calculation		
Landing Performance Calculation		
Weight & Balance Calculation		
Library and Open Documents management		
E-Log (Technical Log)		
Journey Log (Flight Log)		
Cockpit Door Surveillance System View		CDSS installation required
Handling and Company Information		
Snowtam Decoder		
EFB Recall Manager		
EFB Disagree Check Manager		Class-II only
Revision status	-	Standard Option
Synchronization		
Unit Conversion		
Calculator function		
View Other EFB	-	Standard Option

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5.2 AIRCRAFT DATABASE REQUIREMENT (For Takeoff & Landing Perf.)

Strongpilot provides a standard calling program for Takeoff and Landing performance calculations, which you can customize to suit your needs.

Strongpilot calling program do all of the following:

- Set defaults, accept inputs, and load the SCAP input common blocks.
- Call the manufacturer module.
- When control returned from the manufacturer module, examine the output to determine whether execution was successful.
- Perform error processing in the case of unsuccessful execution.
- Store output.

*****A copy of PEP cd is required if Takeoff and/or Landing performance calculation is needed.

Important Note for usage of Aircraft Databases:

If needed, necessary permissions or rights or passwords or data release agreements should be requested or adjusted for Strongpilot usage.

5.3 DOCUMENT REQUIREMENT

Following documents are required as digital copy.

- FCOM
- MEL
- CDL
- AFM
- AHM-560 & DOW/DOI tables (***** if Weight&Balance software is requested*****)

5.4 AIRCRAFT GENERAL

Fill the limits as requested.

GENERAL	
Regulations (JAA-FAA-DOT CANADA)	
Brakes	
MSN	
Engine Type	

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5.5 LIMITS REQUIREMENT

Fill the limits as requested.

TAKEOFF CROSSWIND LIMITS	VALUE
DRY	
WET	
Water ¼" (6.3mm)	
Water ½" (12.7mm)	
Slush ¼" (6.3mm)	
Slush ½" (12.7mm)	
Compacted Snow	
Low Visibility Takeoff	
Tailwind	

LANDING CROSSWIND LIMITS	VALUE
DRY	
WET	
Water ¼" (6.3mm)	
Water ½" (12.7mm)	
Slush ¼" (6.3mm)	
Slush ½" (12.7mm)	
Compacted Snow	
Icy	
Tailwind	

AUTOLAND WIND LIMITS	VALUE
Headwind	
Tailwind	
Crosswind	

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UNITS	PREFERENCES	SELECTION
Weight	Kg – Pound	*
Distance	Meter – Feet	
Height	Meter – Feet	
Temperature	°C - °F	
Depth	Mm – inch	
Pressure	hPa – inch	

*Please select default unit preference for each unit.

TAKEOFF PERFORMANCE	ON	OFF
Air Conditioning		

*Takeoff performance calculation will be based on Air Conditioning ON or OFF.

LANDING PERFORMANCE	ON	OFF
Air Conditioning		

*Landing performance calculation will be based on Air Conditioning ON or OFF.

TAKEOFF PERFORMANCE	VALUE
Minimum Flap Retraction Altitude	

5.6 EFF (Electronic Flight Folder)

EFF setup requirements may change according to the supporting level of Flight plan provider. Further discussion is required for;

- Provider
- Web access
- Flight Plan Usage
- Digital signing
- Approval process

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