



## INTRODUCTION

Tenencia Aerospace Design is an EASA approved Design and Production Organisation, specialising in providing Turn-Key Solutions.

We produce Design packages and Installation Kits in-house, giving our customers single-source procurement and the benefits of an efficient combined operation. Our AS9100 Quality Management System oversees all our work.

Our EFB solutions provides interface with aircraft systems to allow processing of that data for use on a tablet EFB. Software applications on the tablet provide useful data and operations for the pilot.

The system consists of an Aircraft Interface Device, mounts and tablet cradles. An Interface Module provides wireless communication between the tablet and Aircraft Interface Device.

Our Turn-Key solution includes high quality EASA STC Packages, Installation Kits and Equipment.

We have been successfully installing EFBs since 2010 on many different aircraft types.

## FEATURES & BENEFITS

### Tablet EFB

- » Use various tablets as part of an EFB solution

### Aircraft Interface Device

- » Retrieve and process data from various avionics systems

### GSM and WiFi

- » Data transfer to and from the aircraft via GSM. WiFi capability allows on aircraft communication

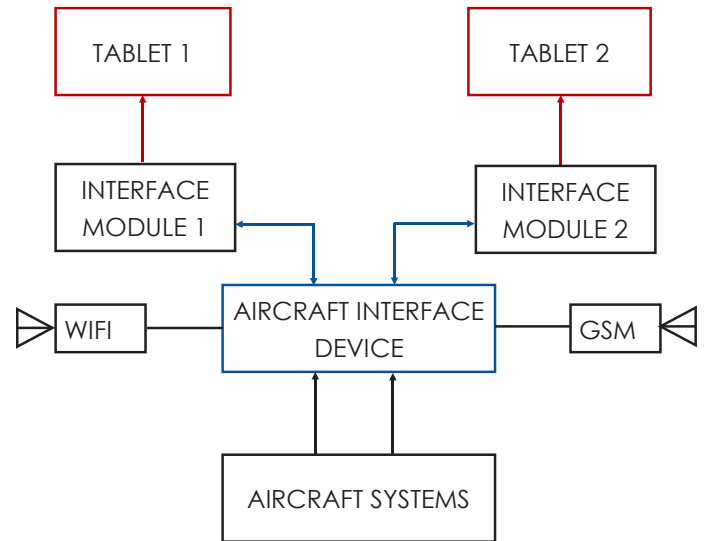
- » Learn more: [tenencia.co.uk](http://tenencia.co.uk)

## Full System Integration

# Electronic Flight Bags



Tablet EFB System (Boeing 747-400 shown)



## SYSTEM ARCHITECTURE

The EFB system comprises of the following:

- EFB mounts and cradles to provision a tablet for each pilot on the side console or window ledge
- Tablet Interface Modules, which supply a power supply via a USB port and aircraft derived data via a wireless connection
- Aircraft Interface Device, which is directly interfaced to the aircraft systems and converts aircraft flight data
- GSM / WiFi Antennas, which provide on and off aircraft communication for data

## COMPLIANCE

- » AMC 20-25 Airworthiness and Operational Consideration for Electronic Flight Bags (EFBs)

## CONFIGURATIONS

- » Window ledge or Side Console mount (aircraft type dependant)
- » GSM and / or WiFi communication
- » System Interface configurations
- » Observer's station

## CONTACT US

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Tenencia Aerospace Design is now part of  
Carlisle Interconnect Technologies

