

# Harmonization with the FAA

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Presented to: EASA

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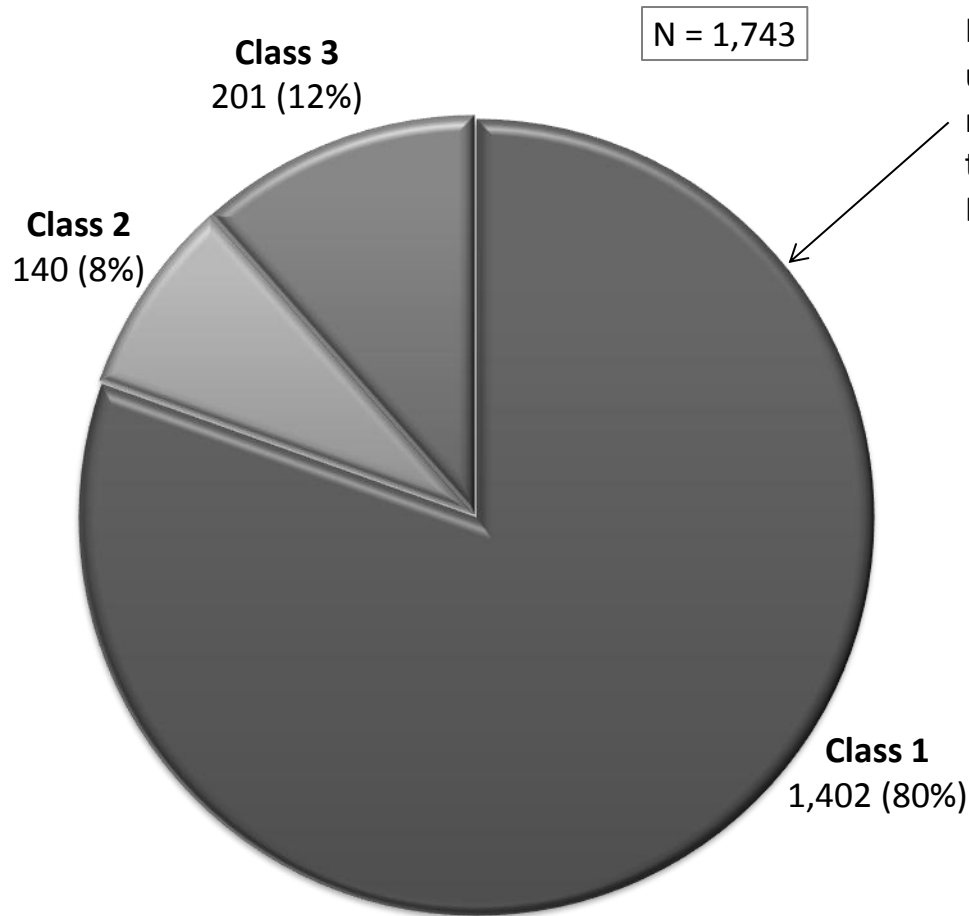
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Federal Aviation  
Administration



# A061 EFB Authorizations

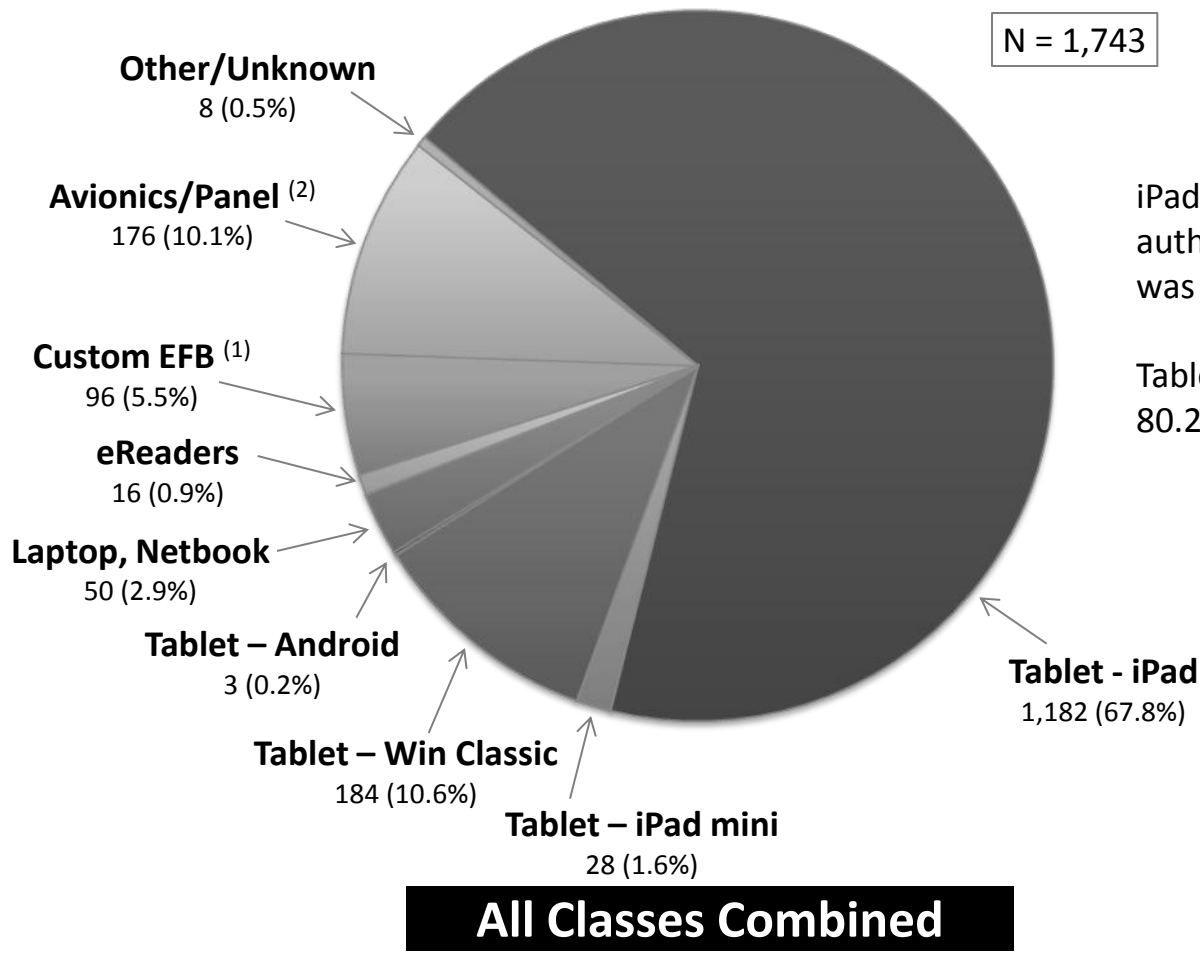


Includes implementations of “Viewable Stowage,” usable in all phases of flight. Such implementations must meet requirements for Rapid-Decompression testing, non-interference testing, retention, etc. Examples below.



# A061 EFB Authorizations

## All Classes



iPad now accounts for 69.4% of all A061 authorizations. In July, 2012, the share was 60%.

Tablets as an EFB category account for 80.2% of all A061 authorizations.

(1) Navaero, CMC, Astronautics, etc.

(2) Honeywell, Rockwell Collins, Avidyne, etc.

# AC 120-76B Change 1

- **Scope of change includes only “Own-Ship” Position as Type B Software Application**
  - Supported by FSIMS guidance including Job Aid
- **“Own-Ship” on the ground concept**
  - Flight Standards will authorize use of hardware and software
  - All hardware classes supported
  - Use is available on the ground only
  - Use of COTS portable GPS receiver allowed
  - TSO will not be applicable
- **Cancel AC 20-159**
  - AMMD with “Own-Ship” position on Class 2
- **Expect publication this spring**



# EFB Inspector Guidance

- **Order 8900.1**
  - Lithium Battery Considerations
  - Own-Ship Position as Type B Software Application
  - EFB OpSpec A061
    - Type A EFB Software Applications
      - Use during critical phase of flight
      - Required by regulation to be aboard
    - Type B EFB Software Applications
      - Necessary for safe flight operations



# FAA & EASA Issues

- **Initial Difference in Policy now Resolved:**
  - Data Connectivity
  - Own-Ship Position as Type B
  - Eliminating Hardware Classes
  - Use of Viewable Stowage
  
- **FAA Adoption of EASA language:**
  - EFB Administrator
  - Software Architecture
  - Electronic Signatures



# Harmonization with the FAA

- **Compliance with PED Regulations**

- 14 CFR Part 91.21
- PED Aviation Rulemaking Committee
- Critical Phase of Flight
- Use of EFB by other crewmembers
  - Flight Attendants

- **Organizational Structure**

- NAA's vs Field Inspectors
- Rulemaking vs. Advisory Information
- Use of OpSpecs



# AC 120-76C



- **EFB Definition**

- An installed device is an EFB when it is actively displaying EFB software applications.
- A portable EFB is capable of hosting EFB software applications and must always be considered an EFB for administrative control.

- **EFB Hardware Taxonomy**

- Removal of Classes (1,2,3)
- EFBs will be either “Portable” or “Installed”

- **EFB Software Application types:**

- Type A (non-authorized) and Type B (authorized) software applications

# Looking Forward...



- **Data Connectivity**
- **ICAO Harmonization**
- **EFB Functions**
  - Process to develop ways to classify:
    - EFB Functions
    - Non-EFB Functions
    - Avionic Functions
- **Reduce Overall Length**
  - Eliminate Repetitive Verbiage
  - Incorporate other FAA policy

# Questions

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