



ETSO workshop

Cologne the 20th of November 2023

FALCON FLEET ORGANISATION (MARCH 2023)



- 2137 Falcon in service for 1261 Operators
 - High variability of organisation
- EAST 69% of the Fleet- EASA 16%
 - Few operator linked to EASA commercial
- 74% non commercial (77% US and 52%EASA).
 - Most of operator interested by AC 120-76 and by the way autonomous



EFB software development

- Dassault aviation has gained experience since 2004
- Software Development for multiplatform:
 - For performance tool
 - For documentation tool
 - For Dispatch tool
 - For Operation/Navigation tool



Internal Process

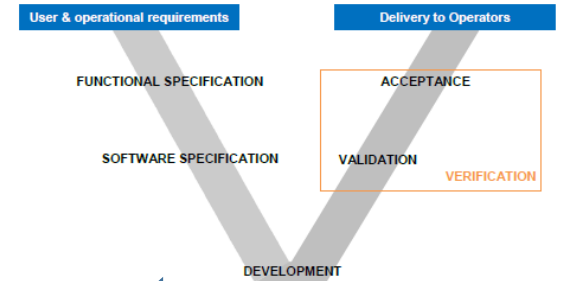
AGILE software development methodology :

- Concept and workflow definition with operational support
- Implementation
- Verification and validation via technical tests and beta tests (on ground and/or in flight)
- Validation with operational support

Documentation :

- Development plan
- Versioning management
- Specification, test plan and test report documentation for each software version

The Development cycle hereafter applies to any version of FalconSphere.



Operational
feedbacks from
operators and DA
crew

Customer support

- After 2 trials of OEB evaluation in 2012, decision is made to go for specific operator support.
- Dassault is providing a set of 10 documents.
- Each of them is dedicated to help the operator to answer either FAA AC120-76D or IR AIR OPS SPA EFB.
- A dedicated matrix document is showing compliance with the help of the document provided.
- Our experience with operator having difficulties with their Operational approval is limited.
- 7/7 H24 at Command Center for general problems
- On Office working Hour in France and US for more complex and technical trouble



Next Step

- Current process is not far from ED 273 requirement.
- Our documentary structure is not the one required by ED273 but in terms of content we are very close.
- the necessary effort on certification documentation is noticeable.

