Flight Validation of PBN procedures

ICAO Performance Based Navigation (PBN) and associated PANS-OPS Provisions Implementation Workshop

[Public version]

Minsk, April 7th-10th 2015
Flight Validation Objectives

- Flyability Assessment
- Obstacle and Terrain verification
- Data Coding check (RNAV)
- Aerodrome infrastructure assessment

... gathering Pilot/s feedback
Pildo Labs experience: PLATERO FV/FI equipment

Pildo Labs has developed its own solution for carrying out FV/FI activities for PBN procedures: **PLATERO is a portable FV/FI platform** intended to be used for cost-effective validation and inspection of PBN procedures.
PLATERO is a Flight Validation Platform for PBN Airplane and Helicopter Procedures.

Get started

- Platero installed in aircraft / rotorcraft
- Aircraft becomes a validation platform
- Flight procedure validated
- Instant online report

Portable · Innovative · Approved · Flexible

40% Average savings · 60% Flight time reduction · 10 times easier for planning · Proven by more than 15 operators

PildoLabs move smart
Highlights and thoughts

FV/FI aircraft avionics upgrade (i.e. for SBAS capability) it is a extremely expensive process, rarely justifiable with a Cost-Benefit Analysis

Database codification on aircraft FMS via Data Coding providers it is not only costly but also a very time consuming activity (extends projects duration)

Special Flight Data recorder needs to be installed for being able to log the required A/C and SIS performance parameters

Flight Validation/ inspection activities cost cannot be a blocking point for PBN implementation

Our advice: fly validate PBN procedures with PLATERO using local-based A/C and properly skilled Flight Validation Pilot