Guidelines on the use of EFVS in SBAS operations
Objective and structure of the guidelines

To provide high level material for Aircraft Operators, Aerodrome Operators and ANSPs to promote, encourage and facilitate the implementation of EFVS operations based on SBAS.

Structure

1. Introduction
2. Enhanced Flight Vision Systems (EFVS)
3. EFVS implementation drivers
4. EFVS (EU) Regulatory Framework
EFVS & SBAS synergies

- Improved Accessibility
- Improved Safety
- Reduced disruptions (DDC)
- Minimal ground infrastructure
- Reduced cost
- Reduced fuel consumption

PBN-IR
Structure of the guidelines (continued)

1. Introduction
2. Enhanced Flight Vision Systems (EFVS)
3. EFVS implementation drivers
4. EFVS (EU) Regulatory Framework
5. Guidelines for Aircraft Operators
6. Guidelines for Aerodrome Operators and/or ANSPs
Step 1
- Aircraft modification, upgrade, and airworthiness re-certification

Step 2
- Amend operational procedures and relevant manuals

Step 3
- Verification of suitability of aerodromes, runways / FATOs and IAPs

Step 4
- Update and implement training and checking programmes

Step 5
- Carry out safety assessments and establish performance indicators

Step 6
- Obtain operational approval (if required)

Step 7
- Introduction of the capability into the operation

Aircraft Operations

EFVS 200 operations
EFVS Approach operations
EFVS Landing operations
ADR operators & ANSPs

AERODROME OPERATOR

- Runway requirements
- Aerodrome infrastructure
- IAPs
- Implementation of LVPs
- Provision of aeronautical data to AIS

FPD
ATS
ATS + FPD

EFVS 200 operations
EFVS Approach operations
EFVS Landing operations
Proposed way-forward

ACTION 01 → Consolidate guidelines in accordance with the latest AWO-relevant regulations.

COMPLETE ✔

ACTION 02 → Consolidate guidelines in accordance with validation input provided by EFVS manufacturers (Dassault Aviation and Collins Aerospace)

COMPLETE ✔

ACTION 03 → Gather feedback from aircraft operators and carry out a trial run of the guidelines, in partnership with an operator aiming to implement EFVS during SBAS approaches.

NOT STARTED ❌
THANK YOU FOR YOUR ATTENTION!

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