

Competencies for Regulatory Staff

Technical Competency: Instrument Flight Procedures (IFP)/PANS OPS

Description: The ability to assess and approve visual and instrument flight procedures.

Note: Elements are in italics.

Understanding (K) and Application/Skills (S) and Behaviours (B)

Competencies applicable to both IFP Organisation approval and IFP design approval

Is fully conversant with concept and principles as defined in ICAO Doc 8168 Vol I and II Construction of Visual and Instrument Flight Procedures, ICAO Doc 9613 Performance-based Navigation (PBN) Manual and ICAO Doc 9906 – Quality Assurance Manual for Flight Procedure Design. Demonstrates a practical knowledge and understanding of the applicability of these principles. Is fully conversant with the AN(OT)O where it applies to IFPs and also the relevant OTARs and OTACs. (K)

Understands the services which are provided by IFP/PANS OPS service providers.

Competencies for Approval of an Organisation to design IFPs

Is able to review documented Terms of Reference for service providers and confirm that they are appropriate. (K)

Is able to review an exposition to ensure its appropriateness to the task.(K)

Is able to assess the quality assurance principles and processes, including those in ICAO Doc 9906 - Quality Assurance Manual for Flight Procedure Design, required to cover both the design of individual procedures and the management of procedure design organisations (K, S)

Competencies for Approval of the IFP

Has relevant knowledge of the different types of approach procedures relevant to those IFPs being regulated. (K, S)

Is able to make a desk-based assessment of the procedure design drawings, documentation (K, S)

Understands the significance of aeronautical data in relation to WGS 84 surveys.

Understands charts, aerodromes, air traffic services and aeronautical telecommunication services to the extent necessary for the coordinated design and implementation of an IFP.

Understands how the information is reproduced in AIPs to promulgate the appropriate IFP/PANS-OPS elements for a State. (K, S)

Guidance

Is able to provide expertise in IFP/PANS-OPS to support the development of OTARs and OTACs and adherence to ICAO requirements (K, S)

Can provide a focal point for advice to other technical areas on the issues involved in the provision of IFP/PANS-OPS. (K, B)

Persons to whom this is likely to apply:

All those responsible for IFP/PANS-OPS regulation.