

Competencies for Regulatory Staff

Competency: **Instrument Flight Procedures**

Description: The ability to assess and approve Instrument Flight Procedures (IFPs) and procedure design organisations.

Note: Elements are in italics.

Understanding

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 1 and Vol II and ICAO Doc 9613. Demonstrates a practical knowledge and understanding of the applicability of these principles. Is fully conversant with the AN(OT)O, and the relevant OTARs and OTACs.

Can demonstrate understanding of the data requirements in Annexes 11, 14 and 15 to ensure compliance with these.

Understands the services, which are provided by IFP Designers.

Competencies for Approval of an Organisation to design IFPs

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

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 including the use and validation of design software.

Competencies for Approval of the IFP

Is able to make a desk-based assessment of the procedure design drawings, documentation, and the flight validation of the procedure.

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.

An understanding of the processes necessary to promulgate the chart in the relevant State AIP.

Guidance

Is able to provide expertise in IFP Design to support the development of OTARs and OTACs and adherence to ICAO requirements.

Can provide a focal point for advice to other technical areas on the issues involved in the provision of IFP Design.

Persons to whom this is likely to apply:

All those responsible for Instrument Flight Procedure (IFP) regulation.

