

Policy Statement Number: 21

Subject: GNSS-Based Instrument Flight Procedures

Effective date of Implementation: 23 January 2009

ASSI File Reference: UK/X/J/86/02 – Policy Statements

Rationale:

GNSS based Instrument Flight Procedures may be approved in the Overseas Territories. However, the approval process shall be subject to extra provisions for the interim period until requirements and guidance material on this subject are published.

The implementation of an Instrument Flight Procedure (IFP) depends on a composition of interacting systems, people and procedures on the ground and in the air. Whilst complex, the interactions are well understood for existing IFPs that use ground radio navigation aids (i.e. NDBs, VORs, DMEs) and approval is routine. As the design, systems and procedures are different, GNSS based IFPs invalidate many of the existing assumptions and therefore the same approval process cannot be safely assumed. ASSI is developing requirements and guidance to regularise approval of GNSS based IFPs, but in the interim period the approval will require greater analysis and hence is likely to take longer.

Policy Statements:

1. The approval process for new GNSS-based IFPs in the Overseas Territories shall require a full and detailed safety analysis of how the procedure will be flown, necessitating cooperation with all involved parties (e.g. ATS provider, Aircraft Operators) and which may affect the time taken to grant an approval.
2. Where GNSS-based IFPs are already in place, the designated regulators shall satisfy themselves that the survey, procedure design and approach approval are in accordance with ICAO standards and with best industry practice. ASSI will provide assistance if requested.