



International Civil Aviation Organization

THIRD MEETING OF ADS-B STUDY AND IMPLEMENTATION TASK FORCE (ADS-B TF/3)

Bangkok, Thailand, 23 – 25 March 2005.

Agenda Item 3: Review the progress made by ADS-B related ICAO panels

a) OPLINK Panel ADS-B activity

OPLINKP Working Group A Meeting

(Prepared and presented by Nick King)

SUMMARY

This working paper provides a summary of the discussion by OPLINKP WG/A on the subject of the ADS-B Operations Manual and an update on the progress of ADS-B amendments to PANS-ATM.

1. Background

1.1 At the last meeting of the Task Force WG it was agreed that a draft of the ADS-B Operations Manual would be presented to OPLINKP for comment. The draft Manual was presented as Working Paper 3 of the OPLINKP WG/A meeting in Montreal from 14 to 18 February, 2005.

2. Operations Manual

2.1 OPLINKP WG/A noted that, in parallel with the on-going development of Standards and Recommended Practices (SARPs), procedures and guidance material by various ICAO Panels, the Task Force was undertaking the development of an ADS-B Operations Manual, intending to provide comprehensive guidance material to States implementing ADS-B.

2.2 It was also noted that the Task Force had extracted material from the ADS-B concept of use, produced by OPLINKP in 2003, and was attempting to harmonise the content of the ADS-B Operations Manual with the latest drafts of proposed amendments to PANS-ATM by the OPLINKP and SASP.

2.3 The meeting considered that the Operations Manual would be of good use, not only to the States involved in the activities, but that it could possibly also serve as a model for other States/Regions considering the implementation of ADS-B in the future. It was felt that the ADS-B concept of use had been put to good use, in the way that was originally intended.

2.4 It was observed that some caution should be exercised when developing material such as the Operations Manual. Coordination bodies, APANPIRG being an example, could indeed produce guidance material, but it would be considered inappropriate to include specific requirements. Such requirements should, and would necessarily, be placed in the appropriate Annex and PANS documents.

3. PANS-ATM (Doc 4444) ADS-B Amendments

3.1 OPLINKP WG/A continued its work on drafting amendments to PANS-ATM (Doc 4444) and other documents to incorporate provisions for ADS-B. Further consideration of the draft PANS-ATM amendments will be undertaken in May 2005 by the SASP.

3.2 These amendments are now being finalised for consideration at the OPLINKP/1 meeting, scheduled for September 2005. Selected amendment pages are attached.

4. Recommendation

4.1 Task Force participants are invited to consider the discussion of the Operations Manual by OPLINKP WG/A and note the progress of ADS-B amendments to PANS-ATM.
