



International Civil Aviation Organization

**THE FOURTH MEETING OF ADS-B STUDY AND
IMPLEMENTATION TASK FORCE (ADS-B SITF/4)**

Nadi, Fiji, 26-28 October 2005

Agenda Item 7: Review of progress by European - USA RFG

RFG ADS-B AIR-GROUND APPLICATIONS UPDATE

(Presented and prepared by Greg Dunstone, Airservices Australia)

SUMMARY

RFG is progressing with the a number of Air-Ground applications. These applications need to be kept in mind by the Task Force.

1. INTRODUCTION

1.1 The Requirements Focus Group (Eurocontrol and FAA) is advancing well regarding a number of air-air applications as follows:

- a) Enhanced ATS in Non Radar Areas using ADS-B Surveillance (ADS-B-NRA)
- b) Aircraft Derived Data for Ground Tools (ADS-B-ADD)
- c) Airport Surface Surveillance (ADS-B-APT)
- d) ADS-B-RAD Enhancing ATS in Radar Areas using ADS-B

1.2 The RFG is producing a set of documents in compliance with RTCA DO-264 and Eurocae ED78A, for each application comprising:

- a) Operational Service & Environment Definition (OSED)
- b) Operational Performance Assessment (OPA)
- c) Operational Safety Assessment (OSA)
- d) Safety Performance Requirements (SPR)
- e) Interoperability document (Interop)

1.3 The work is currently in progress and documents are drafts. However, the current **WORKING DRAFT OSED** for each application is to be attached.

1.4 The NRA application is well advanced and all documents are already available in near final form.

2. RECOMMENDATIONS

2.1 The meeting is invited to note the activities of the RFG in the Air-Ground domain.
