



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 13: Discuss issues observed during the trial and implementation of ADS-B.

**THE DIFFICULTIES FACED BY A STATE WHICH HAS AN
ACTIVE AVIATION INDUSTRY AND WHICH IS TRYING TO
BRIDGE TECHNICAL GAPS**

(Presented by Mongolia)

SUMMARY

The paper was initially presented by Mongolia on the DGCA/42 conference, held in Brisbane. It was discussed during the workshop called “Difficulties facing by a state with an active Aviation Industry which is trying to bridge Technical Gaps”. The paper provides some background information on air traffic system, including ADS/B, and existing and future development.

The paper provides dot points regarding the features of the existing and future technology solutions, which are creating difficulties in moving forward. It also briefs regarding the successes, costs, priorities and lessons learned.

1. INTRODUCTION

1.1 The difficulties facing many States, which have an aviation industry and are trying to bridge technical gaps can be summarised as follows:

- States with rapidly growing volumes of air traffic are faced with the need to immediately provide the requisite infrastructure.
- States must select between implementing well proven technology nearing the end of its technological lifetime or jump to new less mature technology.
- Less affluent States are attracted to the new technologies but cannot afford to jump too soon because they cannot afford to choose the wrong path or incur additional development costs.
- Most developed States have invested heavily in ground based navigation aids and radars, which provide extensive coverage in their airspace and are thus reluctant to implement new CNS/ATM systems until it becomes cost effective.

2. BACKGROUND

Details to be provided at the meeting.....

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9. Action by the DGCA

9.1 The meeting is invited to discuss on the topics.
