

ELEVENTH AIR NAVIGATION CONFERENCE

Montreal, 22 September to 3 October 2003

**Agenda Item 7 Aeronautical air-ground and air-to-air
: communications**

COMPARATIVE ANALYSIS OF ADS-B DATA LINKS

(Presented by the Secretariat)

SUMMARY

This information paper contains material developed by the eighth meeting of the Aeronautical Mobile Communications Panel (AMCP/8) on a comparative analysis of potential ADS-B links.

1. INTRODUCTION

1.1 At the request of the Air Navigation Commission (ANC), the eighth meeting of the Aeronautical Mobile Communications Panel (AMCP/8) (Montreal, 4 to 13 February 2003) considered a comparative analysis of potential automatic dependent surveillance — broadcast (ADS-B) data links. One of the goals of the analysis was to provide material on the performance of data links, for use by States when implementing ADS-B. Following its review of the report of AMCP/8, the ANC requested the Secretariat to make available to AN-Conf/11 the material developed by AMCP/8. The material is provided as an appendix to this information paper. Discussion of the material, including a summary of the results of the analysis, is provided in AN-Conf/11-WP/14.

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