

RTCA Special Committee 186, Working Group 3
EUROCAE WG-51, SG-1

ADS-B 1090ES MOPS Maintenance

Meeting #29

RTCA Washington, DC
July 21 – 24, 2009

Proposed Replacement Text for DO-260B Section F.2 –
DO-242A ADS-B MASPS Compliance Matrix

Stuart Searight
FAA / ATO-P
Dean Miller
Boeing Commercial Airplanes

Summary
This Working Paper proposes replacement text for the ADS-B MASPS Compliance Matrix in Section F.2 of Appendix F.

Replace existing Section F.2 with the following text:

In the previous version of these MOPS (DO-260A) Appendix F in Section F.2 contained a traceability matrix mapping the compliance of these MOPS with all requirements specified in the ADS-B MASPS (DO-242A). A similar traceability matrix was also produced for the other MOPS - DO-282A. These were done so that both ADS-B link MOPS could be comparatively assessed as to their compliance with the ADS-B system requirements specified in the MASPS.

The development of these revised MOPS, as well as that for the other ADS-B link: UAT were done in direct support of FAA and EASA rulemaking for ADS-B equipage and were done so without first revising the ADS-B MASPS. Agreed-to changes which necessitate changes to ADS-B system requirements and are not merely link implementation specific have been documented in a series of Issue Papers maintained within RTCA Special Committee 186, which will serve as the basis for a future revision of the ADS-B MASPS (presumably RTCA DO-242B). At the time of publication of these MOPS, it is planned that part of any future revision of the ADS-B MASPS will include a matrix listing all MASPS requirements and mapping the corresponding requirement(s) from the current versions of both ADS-B link MOPS, DO-260() and DO-282() to the relevant MASPS requirements.