

**RTCA Special Committee 186, Working Group 3**

**ADS-B 1090 MOPS, Revision A**

**Meeting #13**

**Action Item 10-2  
Removal of the Aircraft Operational Coordination Message  
From the proposed 1090 MOPS (DO-260A)**

**Presented by Gary Furr**

**SUMMARY**

**During WG-3 Meeting #10, it was agreed that the Aircraft Operational Coordination Message would be deleted from DO-260A because there were no requirements in the ADS-B MASPS (DO-242A) related to the parameters identified as part of the original message. Action Item 10-2 was assigned to review the entire DO-260 document and identify all of those locations where text, figures and tables would have to be revised or removed in order to remove this Message from DO-260A. This Working Paper tries to identify all of those locations, as well as trying to identify those locations where the identified text has already been removed as shown in Working Paper 1090-WP-13-06, Draft 1 of Sections 1 through 4 of DO-260A.**

## **1.0 Removal of the Aircraft Operational Coordination Message already in DO-260A Draft 1**

As part of the process of updating Sections 1 through 4 of the proposed DO-260A, Draft 1, presented as Working Paper 1090-WP-13-06, I have already identified and removed references to the Aircraft Operational Coordination Message (AOCM) in the following locations:

1. Table 2-2: delete the row containing the reference to AOCM
2. Table 2-3: delete all references to AOCM in the “Minimum Message Capability Required” column
3. Sections 2.2.3.2.7 and 2.4.3.2.7: edit the title of these sections to remove reference to AOCM
4. Section 2.2.3.2.7.2: delete this section and all of its subsections, which includes the deletion of Figure 2-9 and Tables 2-47 through 2-52. Delete the corresponding test procedures section 2.4.3.2.7.2 and all of its subsections, which includes the deletion of Table 2-109.
5. Sections 2.2.3.3.2.6.2 and 2.4.3.3.2.6.2: delete the entire sections.
6. Section 2.2.5.1.29 through 2.2.5.1.33, and sections 2.4.5.1.29 through 2.4.5.1.33: delete the entire sections.
7. Sections 2.2.5.3.12 and 2.4.5.3.12: delete the entire sections.
8. Sections 2.2.10.2 and 2.4.10.2: delete item “f” as a reference to AOCM.
9. Sections 2.2.10.4.1.2.c and 2.4.10.4.1.2.c: delete the reference to AOCM.
10. Sections 2.2.10.4.2.2.b and 2.4.10.4.2.2.b: delete the reference to AOCM.

## **2.0 Removal of the AOCM yet to be accomplished in Sections 1 through 4 of DO-260A**

In addition to those deletions identified above, the following deletions must be accomplished during the creation of the next draft of DO-260A, sections 1 through 4 in order to completely remove the AOCM from Sections 1 through 4:

1. Table 2-11: Type 30 should be identified as “Reserved”
2. Table 2-78: Remove the row referencing AOCM and §2.3.2.2.8.7
3. Section 2.3.2.2.8.7: delete the entire section
4. Section 2.4.10.1.3: delete references to the AOCM in Steps 1, 3a, 3b and 3c
5. Section 2.4.11.2.1: delete references to the AOCM in Steps 3a, 3f, 3g, 3h, 3i, 3k, 3l, 3m and 3n

### **3.0 Removal of the AOCM in the proposed Appendices of DO-260A**

In addition to removing references to the Aircraft Operational Coordination Messages from the body of Sections 1 through 4 of DO-260A, we must review and remove all references from the Appendices as well. The following list attempts to identify all of the places in each Appendix where the AOCM needs to be removed:

1. Table A-1: remove the row for register 64 referencing the AOCM
2. Section A.1.4.10 through A.1.4.10.8: delete the entire set of sections, as well as Tables A-8 through A-12
3. Figure A-11: remove this figure defining the AOCM from Appendix A
4. Appendix F: “The ADS-B MASPS Compliance Matrix” --- this matrix will have to be revised entirely according to DO-242A and as such should not contain references to the AOCM
5. Table H-1: delete the AOCM row and all references
6. Table H-3: delete Item #'s 12, 13 and 14 referencing the AOCM