

**RTCA Special Committee 186**

**Working Group 3**

**ADS-B 1090ES MOPS Corrigenda**

**Additional Items to be Considered for Inclusion  
in DO-260B Corrigenda**

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**Boeing**

1. In Section §2.2.3.2.7.2.8 (Table 2-71), Section §2.2.8.2.15 and Appendix §A.1.4.10.8 (Table A-29) of DO-260B, the use of the Geometric Vertical Accuracy (GVA) quality metric should be clarified to include its use to apply to the Baro – Geometric Difference data field in BDS Register 09H Subtypes 1 & 2 as well as to the absolute Geometric Altitude parameter in the Airborne Position message (BDS Register 05H). The associated verification sections §2.4.3.2.7.2.8 and §2.4.8.2.15 may need to be updated as well.
2. In Section §2.2.3.2.7.2.13 (Table 2-76), Section §2.2.5.1.39, Section §2.2.8.2.17 and Appendix §A.1.4.10.13 (Table A-31) of DO-260B, the use of the Heading Reference (HRD) flag in BDS Register 65H should be clarified to state that it only refers to the Heading / Ground Track field in the Surface Position message (BDS Register 06H) or the Heading field in the Airborne Velocity message (BDS Register 09H Subtypes 3& 4) and not to the Selected Heading parameter in the Target State & Status Message (BDS Register 62H). The associated verification sections §2.4.3.2.7.2.13, §2.4.5.1.39 and §2.4.8.2.17 may need to be updated as well.

This raises a follow-up issue – either the Selected Heading parameter must be defined to have only one reference basis (True North or Magnetic North) or there must be a flag added to the Version 2 message set to indicate its reference orientation.

3. The reference in Section §2.2.5.1.22 Capability Class (UAT In) Data should be §2.2.3.2.7.2.3.9 (UAT In) instead of §2.2.3.2.7.2.3.2 which is TCAS Operational.