

RTCA Special Committee 186, Working Group 5

ADS-B UAT MOPS Maintenance

**RTCA Headquarters, Washington DC
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**Proposed Note for DO-282B for Duplicate Addresses
In Response to Action Item 23-01
Revision 1**

**Chris Moody
MITRE / CAASD**

Summary
This Working Paper addresses Action Item 23-01, which was to “propose a note for UAT as a caution to applications to look at the position for the possibility of a duplicate address. Target the receiver part of the MOPS for location.”

Introduction:

This Working Paper addresses Action Item 23-01, which was to “propose a note for UAT as a caution to applications to look at the position for the possibility of a duplicate address. Target the receiver part of the MOPS for location.”

Proposal:

Insert a 2nd note in Section §2.2.9.1 that reads as follows:

Note: *Address uniqueness with UAT ADS-B Messages cannot be guaranteed. However, this need not be a concern for processing of UAT ADS-B Messages by the receiver. This is because each UAT ADS-B Message contains sufficient State Vector information that the surveillance tracking system receiving the reports is able to resolve almost all duplicate address situations.*