



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aircraft Certification Service
Compliance & Airworthiness Division

Fort Worth ACO Branch
10101 Hillwood Parkway
Fort Worth, TX 76177

DEC 18 2017

In reply refer to: 7F0-17-3198

Subject: Global Alternative Method of Compliance (AMOC) to Airworthiness Directive (AD) 2017-11-11, Docket Number FAA-2016-9226

Dear Mr. Austin:

The Federal Aviation Administration (FAA) has received your proposal dated October 26, 2017, proposing FAA approval of a global AMOC to AD 2017-11-11 for the NavWorx ADS600-EXP, Part Number 200-8013. AD 2017-11-11 requires the ADS600-EXP unit to be removed or disabled if it broadcasts a SIL value of 3.

You are proposing an AMOC to paragraph (e)(1)(iv)(A) of AD 2017-11-11 by disabling the transmit function of the ADS600-EXP and operating only as a receiver. Your proposal provides an acceptable level of safety based on the submitted configuration procedure.

The Fort Worth ACO Branch approves your AMOC proposal to paragraph (e)(1) of AD 2017-11-11 by using the configuration procedure submitted via email on October 26, 2017 to operate the ADS600-EXP in a receive only mode. It should be noted that the application of this AMOC will not bring the ADS-B system into compliance with 14 CFR §91.227 requirements. It should also be noted that operation of the ADS600-EXP in receive-only mode, as approved by this AMOC, will not provide the aircraft with Traffic Information Service-Broadcast (TIS-B) client status with Air Traffic Control, and thus will not enable the system to automatically receive TIS-B data. Reception of TIS-B data will only be possible if an aircraft with TIS-B client status (one transmitting ADS-B Out with certain minimum reported ADS-B performance) is in the area.

In accordance with FAA Order 8110.103B, the following conditions apply:

- Before using this AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local Flight Standards District Office/Certificate Holding District Office.
- All provisions of AD 2017-11-11 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

- This FAA AMOC is transferable with the aircraft to an operator who operates the aircraft under U.S. registry.

For further questions regarding this AMOC, please contact Kyle Cobble by telephone at (817) 222-5172 or by e-mail at kyle.cobble@faa.gov.

Sincerely,

A handwritten signature in black ink that reads "John Hardie" followed by a stylized flourish or initials.

Jim Grigg

Manager, Fort Worth ACO Branch
Compliance & Airworthiness Division
Aircraft Certification Service

cc: Kristi Bradley, AIR-7F2 COS Focal