



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

FEB 05 2018

In reply refer to: 7F0-18-789

Mr. Phil Samuelian
760 E Woodbury Rd
Pasadena, CA 91104

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

Dear Mr. Samuelian:

The Federal Aviation Administration (FAA) has received your proposal dated January 19, 2018, proposing FAA approval of a global AMOC to AD 2017-11-11 for the NavWorx ADS600-B, Part Numbers 200-0012 and 200-0013. AD 2017-11-11 requires the ADS600-B unit to be removed or disabled if it is not coupled to an approved NexNav Mini GPS receiver, P/N 21000.

You are proposing an AMOC to paragraph (e)(1)(iv)(A) of AD 2017-11-11 by coupling the ADS600-B with a Trig TN70 (GPS) source. The Trig TN70 is a repackaged Accord NexNav Mini, part 21000. Your proposal provides an acceptable level of safety based on the submitted installation drawing and similarity analysis.

The Fort Worth ACO Branch approves your AMOC proposal to paragraph (e)(1)(iv)(A) of AD 2017-11-11 by using the Trig TN70 as an external GPS source in place of the NexNav Mini. Furthermore, the application of this AMOC will bring the ADS-B system into compliance with TSO C154c and 14 CFR §91.227 requirements. For section (e)(1)(iv)(B), operators should change the placard to read, "OPERATION USING THE INTERNAL POSITION SOURCE IS PROHIBITED. USE OF THE TN70 EXTERNAL POSITION SOURCE IS REQUIRED."

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

- This approval is applicable only to the NavWorx Model ADS600-B, Part Numbers 200-0012 and 200-0013.
- 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 e-mail at kyle.cobble@faa.gov.

Sincerely,



Jim Grigg

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

cc: Kristi Bradley, AIR-7F2 COS Focal