



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 14 2017

In reply refer to: 7F0-17-2991

Mr. Sohrab Kermanj
12350 Golden Eagle Street
Port St. Lucie, FL 34987

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

Dear Mr. Kermanj:

The Federal Aviation Administration (FAA) has received your proposal dated November 10, 2017, 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 an Avidyne IFD440 or IFD540 Global Positioning System (GPS) source. The Avidyne IFD440/540 must have software version 10.2 or later in order to support Avidyne's ADS-B OUT+ protocol. Your proposal provides an acceptable level of safety based on the submitted installation drawing and the Public ADS-B Performance Report of November 10, 2017.

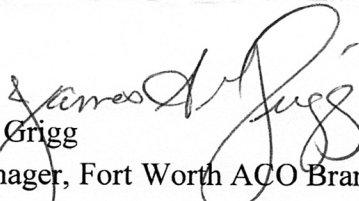
The Fort Worth ACO Branch approves your AMOC proposal to paragraph (e)(1)(iv)(A) of AD 2017-11-11 by using the Avidyne IFD440 or IFD540 as an external GPS source in place of the NexNav Mini. Furthermore, the application of this AMOC will bring the ADS-B system into compliance with TSO C154c and 14 CFR §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 IFD440/540 EXTERNAL POSITION SOURCE IS REQUIRED."

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 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