



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

Small Airplane Directorate
Atlanta Aircraft Certification Office
1701 Columbia Ave.
College Park, Georgia 30337

JUL 30 2013

Alan Paul Kerr
The Aeronautical Design Service Pty Ltd
5 Gunnaroo Lane
Montville: Queensland 4560 Australia

Mr. Kerr,

We received your proposal dated June 18, 2013 (and clarifications on June 19, 2013), requesting approval of Civil Aviation Safety Authority of Australia (CASA) Supplemental Type Certificate (STC) SVA 532 as an alternative method of compliance (AMOC) to FAA Airworthiness Directive (AD) 2012-17-06. You requested the AMOC apply globally to all PA-24, PA24-250, PA24-260 and PA-39 aircraft which have had the Piper stabilator horn part number (P/N) 20397-00 replaced with The Aeronautical Design Service Pty Ltd (ADS) stabilator horn P/N ADS1008020828 in accordance with the instructions provided in CASA STC SVA 532.

AD 2012-17-06 applies to Piper model PA-24, PA-24-250, and PA-24-260 airplanes with P/N 20397-00 stabilator horn installed and requires replacement of the stabilator horn assembly and/or repetitive inspections of the stabilator horn assembly for corrosion or cracks, as applicable. The AD paragraphs (f) and (g) require replacement of the horn assembly with the Piper part number. The proposal for AMOC is to paragraphs (f) and (g) of the AD, to serve as terminating action to the AD.

The basis for this approval is referenced in your letter and was assessed in the review and validation of the data supporting CASA STC SVA 532, leading to FAA STC SA04016AT.

We approve ADS stabilator horn P/N ADS1008020828 installed following the requirements of STC SA04016AT as an AMOC to paragraphs (f) and (g) of AD 2012-17-06. The approval applies to all Piper model PA-24, PA24-250, and PA24-260 aircraft and is considered terminating action to the AD. Note: AD 2012-17-06 does not apply to Piper model PA-39 aircraft, or other Piper model aircraft that the ADS horn may be applicable to. Therefore, we have not included those models in this approval.

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

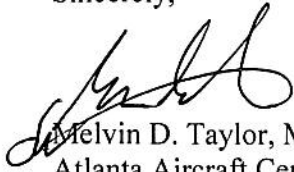
- All provisions of AD 2012-17-06 that are not specifically referenced above remain fully applicable and must be complied with accordingly.
- This approval is transferable with airplane(s) to other operators.
- Before using this AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.
- When complying or verifying compliance with AD 2012-17-06 using this AMOC, a copy of this letter shall be inserted into the maintenance records of the airplane.



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If you have any questions or need additional information, please contact Gregory K. (Keith) Noles at (404) 474-5551, (404) 474-5606, or electronic mail at gregory.noles@faa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Melvin D. Taylor', written over the printed name.

Melvin D. Taylor, Manager,
Atlanta Aircraft Certification Office

cc: ACE-100
ACE-113 (Showers / Wessley)
ACE-MKC-AEG-11 (Alquist)