



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

Compliance and Airworthiness Division

ECO Branch
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MAR 06 2019

Christoph Genster
Chief, Office of Airworthiness
Austro Engine GmbH
Rudolf-Diesel-Straße 11
2700 Wiener Neustadt
Austria

Subject: Alternative Method of Compliance Global to Airworthiness Directive (AD) 2018-07-16 relating to Austro Engine GmbH type model E4 and E4P diesel piston engines

Dear Mr. Genster:

The Federal Aviation Administration (FAA) received your email dated December 19, 2018 proposing a Global alternative method of compliance (AMOC) to paragraph (g) of Airworthiness Directive (AD) 2018-07-16.

Airworthiness Directive (AD) 2018-07-16 requires repetitive replacement of the waste gate controller and control rod circlip of all Austro Engine GmbH model E4 and E4P diesel piston engines in accordance with paragraph (g) which refers to the Accomplishment Instructions, paragraph 2.1 of Austro Engine GmbH Mandatory Service Bulletin (MSB) No. MSB-E4-022/2, Rev. 2, dated November 27, 2017 for guidance.

Since the publication of the FAA AD 2018-07-16, Austro Engine has issued a new revision of the Mandatory Service Bulletin MSB-E4-022/5 Rev. 5, dated December 12, 2018. The new revision resolves the unsafe conditions and hence the repetitive replacement of the waste gate controller and control rod circlip is not necessary. The new revision also clarifies that higher level assemblies and engines, that are already produced with the alternative load path (waste-gate con-rod fail-safe bridge) installed, and are considered compliant with the terminating action of the SB.

Your proposal would request alleviation from Airworthiness Directive 2018-07-16 paragraph (g), allowing to replace the repetitive replacement of the waste-gate controller and control rod circlip by the installation of the alternative load-path (fail-safe bridge) in accordance with the terminating action of MSB E4-022/5 for all Austro Engine GmbH type E4, models E4 and E4P, diesel piston engines.

The Engine Certification Office (ECO) has approved your AMOC proposal to paragraph (g) of FAA AD 2018-07-16 for all Austro Engine GmbH type E4, models E4 and E4P, diesel piston engines.

This FAA AMOC is transferable with the aircraft to another owner/operator who operates the aircraft under U.S. registry.

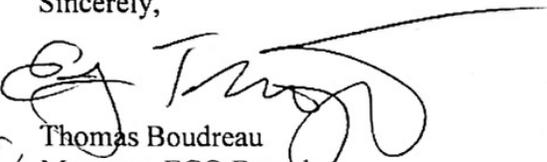
Before using this AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local Flight Standards District Office/Certificate Holding District Office.

All provisions of FAA AD 2018-07-16 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

This AMOC only applies to the FAA AD listed above. The FAA does not have the authority to approve this as an AMOC to any AD issued by another civil aviation authority (CAA). Approval of an AMOC to another CAA's AD must come from that CAA. A copy of this response will be forwarded to the CAA where these aircraft are registered for their consideration.

If you have any questions or need additional information, please contact Wego Wang at telephone (781) 238-7134, fax (781) 238-7199, or electronic mail at wego.wang@faa.gov.

Sincerely,


for, Thomas Boudreau
Manager, ECO Branch

cc: Boston AEG
EASA