



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

Aviation Safety
Aircraft Certification Service
Compliance & Airworthiness Division

Operational Safety Branch
10101 Hillwood Pkwy
Fort Worth, TX 76177

In reply, refer to: 722-25-00017

7/16/2025

Mr. Bryon Denton
Sr. Manager, Certification and Airworthiness
Continental Aerospace Technologies
2039 South Broad Street
Mobile, Alabama 36615

Reference: Global AMOC request dated July 14, 2025
Email from Bryon Denton dated July 15, 2025

Subject: Global Alternative Method of Compliance (AMOC) to Airworthiness Directive (AD) 2023-09-09

Dear Mr. Denton:

The Federal Aviation Administration (FAA) has received your proposal, dated July 14, 2025, proposing a Global AMOC to Airworthiness Directive (AD) 2023-09-09 paragraphs (i) V-Band Coupling Life Limit and (m) Installation Prohibitions.

AD 2023-09-09 was adopted for turbocharged, reciprocating engine-powered airplanes and helicopters and turbocharged, reciprocating engines with a certain V-band coupling installed. This AD established a life limit and inspections for the spot-welded multi-segment exhaust V-band couplings at the tailpipe to the turbocharger exit exhaust.

The FAA approves your global AMOC proposal to paragraphs (i) and (m) of AD 2023-09-09. For the Continental Aerospace Technologies V-band coupling listed in the table below, perform inspections per paragraphs (k)(1) through (k)(7) or (l) every 100 hours or 6 months, whichever comes first. If the V-band coupling fails any of the inspections per paragraph (k) or (l), remove the V-band coupling from service. Remove the V-band coupling from service before it reaches the V-band coupling time-in-service (TIS) hours (based on engine model installation listed in the table), twelve years after being placed in service, or before April 15, 2026, whichever occurs first. This AMOC is not applicable for V-band couplings for which TIS cannot be determined. This AMOC expires April 15, 2026.

V-band Coupling Part Number	Engine Model	V-band Coupling TIS (hours)		V-band Coupling Calendar Time (years)
		Engine S/N Before 1006000	Engine S/N 1006000 and After	All S/N
653332	LTSIO-360-E	1400	1400	12 years after being placed in service
	LTSIO-360-EB	1800	2000	
	LTSIO-360-KB	1800	2000	
	TSIO-360-E	1400	1400	
	TSIO-360-EB	1800	2000	
	TSIO-360-F	1400	1400	
	TSIO-360-FB	1800	2000	
	TSIO-360-GB	1800	2000	
	TSIO-360-KB	1800	2000	
	TSIO-360-LB	1800	2000	
	TSIO-520-T	1400	1600	

This approval is based on the data provided by Continental Aerospace Technologies in the Global AMOC request dated July 14, 2025, and email dated July 15, 2025.

In accordance with FAA Order 8110.103B, dated September 14, 2016, the following conditions apply to this AMOC:

1. This approval is applicable only to V-band Coupling Continental Part Number 653332 installed on LTSIO-360-E, LTSIO-360-EB, LTSIO-360-KB, TSIO-360-E, TSIO-360-EB, TSIO-360-F, TSIO-360-FB, TSIO-360-GB, TSIO-360-KB, TSIO-360-LB, and TSIO-520-T as part of the engine type design.
2. This AMOC is only applicable for V-band Coupling Continental Part Number 653332 with a known time-in-service (hours) on the v-band coupling.
3. The V-band coupling must be removed from service before it reaches the V-band coupling time-in-service (TIS) hours (based on engine model installation listed in the table), twelve years after being placed in service, or before April 15, 2026, whichever occurs first.
4. This AMOC expires April 15, 2026.
5. This FAA AMOC is transferable with the aircraft to an operator who operates the aircraft under U.S. registry.
6. 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. It must be noted in the aircraft records that this AMOC was used to comply with the AD.

The preceding paragraph also applies to any applicable foreign-registered aircraft upon transfer of the aircraft to the U.S. registry if compliance with the AMOC has not been accomplished.

7. All provisions of AD 2023-09-09 that are not specifically referenced above remain fully applicable and must be complied with accordingly.
8. This AMOC only applies to the FAA AD listed above. Owners of foreign registered aircraft who want to use this AMOC must first contact their specific civil aviation authority (CAA) for approval. The FAA does not have the authority to approve this as an AMOC to any AD issued by another 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.

Should you have any questions, or need additional information, please contact this office or Tom Teplik at telephone number (316) 946-4196 or Thomas.Teplik@faa.gov.

Sincerely,

HOLLISTER B THORSON Digitally signed by HOLLISTER B
THORSON
Date: 2025.07.16 07:26:06 -07'00'

Holly Thorson
Acting Manager, Operational Safety Branch
Compliance & Airworthiness Division
Aircraft Certification Service

cc: 9-AVS-Global-AMOC@faa.gov