

SERVICE BULLETIN

No. 300-1-05

Compliance mandatory

Subject: Engine fuel pump vent

Affected Aircraft:	EA-300	S/N	V1, 1 through 67
	EA-300/S	S/N	1 through 31 and 1032
	EA-300/L	S/N	1 through 167, 168 through 170 (or converted to 1168 through 1170), 1171, 172 (or converted to 1172), 173 (or converted to 1173), 1174 through 1199 and 1201 through 1203

Purpose: The Lycoming AEIO-540-L1B5 engine driven fuel pump (Lycoming P/N LW-13909; Lear Romec P/N RG 9080-J4A) must have a vented plug (P/N RA9087, Lear Romec parts catalog for RG9080 series) at the domed valve cover (Lear Romac P/N RB 5314) to function properly. It has come to EXTRA's attention that there are AEIO-540-L1B5 engines in use, that have solid plugs installed. This may lead to an engine malfunction. Therefore it is necessary to verify that this plug is vented and if not, replace it with the specified, vented plug.

Approval: The technical content of this document is approved under the authority of DOA Nr. EASA.21J.073.

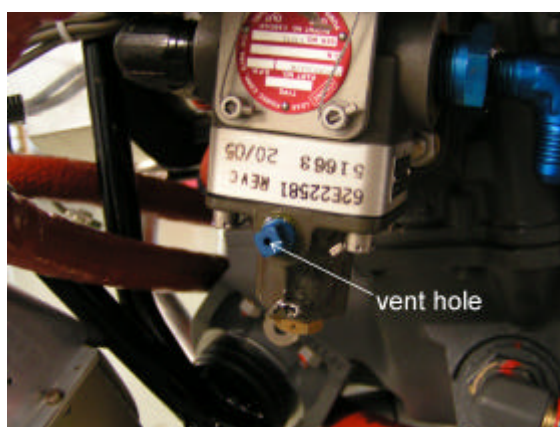
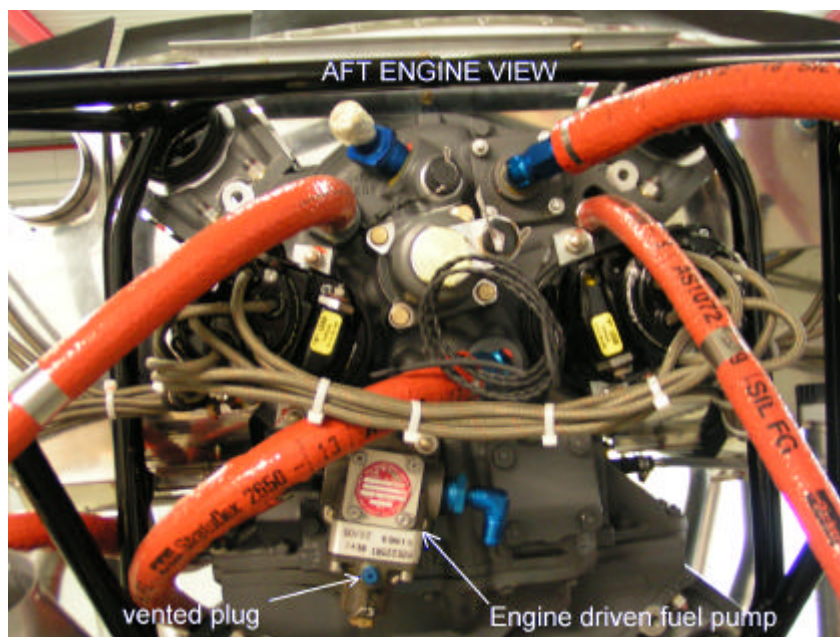
Compliance Time:

Within the next 50 hrs inspection.

Instructions:

This Service Bulletin has to be performed at approved aircraft maintenance stations.

1. Inspect whether correct fitting is installed through opening in lower cowling. It may be necessary to remove the cowling. The engine driven fuel pump is located on the aft side of the engine just below the magnetos. The vented plug is positioned at the valve cover on the lower part of the pump and points aft. The fitting must have a vent hole though its axis. If the vent hole is present, no further action is needed.



2. If a plug without vent hole is installed, it must be removed and replaced by a vented plug Lear Romec P/N RA9087 or a modified MS20913-1D.
3. To modify a standard MS20913-1D (formally AN913-1D) drill an axial hole of 2 mm (1/16 inch) through the fitting.
4. Re-install removed cowling.
5. Fill out Appendix of this SB and send to

EXTRA Flugzeugproduktions- und Vertriebs-GmbH
Engineering Department / Office of Airworthiness / Quality Assurance
Schwarze Heide 21

46569 Hünxe (Germany)

Fax. N°: (+49)-2858-9137-42

Appendix:

Aircraft Type and model: EA-300 (/L) (/S) Serial Number:
Owner: Registration:
Total Time: Total landings (if known):

The aircraft mentioned above has been inspected according the provisions of this Service Bulletin.

Solid plug has been found: Yes No

If yes:

- Have any unexplained engine stoppages been reported?
- If yes, how many.
- Did fuel leak from the pump as the plug was removed?

Note: If extent of damage is not covered by this Service Bulletin contact EXTRA
Flugzeugproduktions- und Vertriebs-GmbH)

The applicable instructions of this Service Bulletin has been carried out. (No deviation from given instructions).

Comments:

Company: _____

Aircraft inspector: _____ Date: _____

Please return a copy of this page by facsimile or airmail to:

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