	SB-A500A-7261-01	Revision: --
		Type: EA 400
Model: EA 400-500		
Project: A500A-24-01		
Date: 03. Sep. 2024		
Design Organisation EASA.21J.551		

SERVICE BULLETIN

IMPROVED OIL LINE ROUTING

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1. Subject

This Service Bulletin introduces a modification of the EA400-500 engine's external oil system. An oil line of the external oil system will be replaced and chafing of the oil line with the "Feuerschutz Oil Filter structure" will be eliminated. Additionally, the in- and outlet fittings of the external scavenge oil filter will be disassembled to re-install the original O-ring seals.

This modification is also compatible with retrofit kit bearing #1 sump drain kit for RR 250 B 17 F and F/2 engines.

2. Affected Aircraft

All EA 400-500 (Extra500) aircraft.

3. Approval

"The technical content of this document is approved under the authority of the DOA re. EASA.21J.551."

This approval is valid only for the aircraft serial number (MSN) as marked on the engineering order.

4. Compliance Instructions

We request all EA400-500 owners to comply with this Service Bulletin at latest at the next maintenance event.

5. Instructions and material requirements

Refer to engineering order EO-A500A-7261-01 Rev -- for installation instructions and required materials. Order the document including parts from the SST Flugtechnik contact given in chapter 10.

6. Weight and balance

Refer to the applicable revision of the engineering order EO-A500A-7261-01 Rev --.

7. Instructions for continued airworthiness


No change in this area.

8. Equipment List

Refer to the applicable revision of the equipment list EQL-A500A-0210-01.

9. Effectivity date

This Service Bulletin becomes effective at the date of issuance.

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10. Installation check-out log

Submit a signed copy of the chapters 10.1 - 10.4 to SST email:

support@sst-flugtechnik.com

SST FLUGTECHNIK GmbH
tel. +49-8331-972980
Am Flughafen 12a
D-87766 Memmingerberg

If problems with the implementation of this Service Bulletin occur, please contact SST-Flugtechnik by the contact details above.

For occurrence reporting refer to

<https://eccairsportal.jrc.ec.europa.eu/index.php?id=2>

and

<http://www.aviationreporting.eu/AviationReporting/>

and SST directly:

[Occurrence Report - SST Flugtechnik \(sst-flugtechnik.com\)](http://www.sst-flugtechnik.com)

10.1. Continued airworthiness data

INSTALLING AGENCY		AIRCRAFT OWNER	
Name:		Name:	
Organisation No.:		Postal Address:	
Contact Person:			
Postal Address:		Telephone No.:	
		E-Mail:	
Telephone No.:		MODIFIED AIRCRAFT	
E-Mail:		Aircraft Type:	
Date of installation:		Aircraft Model:	
		Serial Number:	
		Registration:	

10.2. Installed configuration

INSTALLED ITEMS	
Manufacturer:	
Model:	
Part Number:	As defined by EO-A500A-7261-01 Rev -
Serial Number:	No serialized items installed.

10.3. A/C Documentation checks

W&B / Equip List

- Equipment List updated.
 Weight and Balance record updated.

Electrical Load Analysis

- Electrical Load Analysis updated.

AFM(S)

- AFM(S) completed and inserted.

MM(S)

- MM(S) completed and inserted.

10.4. Installation accomplishment statement

I hereby confirm

that all conditions and requirements set forth in this Service Bulletin are met;
 that the installation and check-out instructions of this Service Bulletin have been followed;
 that the information provided in this check-out log is complete and correct.

 Date

 Name in block letters

 Signature