

	SB-A500A-2211-01	Revision:	--
		Type:	EA 400
Model:		EA 400-500	
Project:		A500A-16-08	
Date:		04. Oct. 2016	
Design Organisation EASA.21J.551			

SERVICE BULLETIN

AP 2ND ATTACHMENT BRACKET

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1. Subject

Installation of a second attachment bracket to the autopilot mounting tray.

2. Affected Aircraft

All serial numbers of the model EA400-500 (Extra 500).

3. Introduction

The current attachment of the autopilot mounting tray provides one bracket on the left side which also attaches to the audio panel tray.

In accordance with the A/P manufacturer's installation instructions the attachment shall be installed on either side to ensure proper A/P functioning. Hence, the same bracket shall be installed on the right side of the tray, too, using a similar method of fastening.

Compliance with this Service Bulletin will prevent the influence of unsymmetrical operational loads on to the A/P mounting tray and will make sure that the A/P performance is not degraded by the method of installation.

4. Compliance Time

SST Flugtechnik GmbH considers compliance with this Service Bulletin recommended.

5. Approval

"The technical content of this document is approved under the authority of DOA re. EASA.21J.551 under project No. A500A-16-08."

6. Material Required

6.1. Documentation

Nº	Document Type	Document Name	Document Number
1	Assembly Drawing	AP 2 ND ATTACHMENT BRACKET INSTALLATION	ECN-500T2211-000-001

6.2. Parts

See Parts List in ECN-500T2211-000-001.

7. Instructions

The following procedures provide detailed installation instructions for the modification of the A/P mounting tray attachment.

7.1. Mechanical installation

7.1.1. Preparation for installation

Prepare the aircraft for maintenance iaw. MM.

- a. Make sure that all switches are in the OFF / NORM position.
- b. Disconnect electrical power from the aircraft (incl. aircraft battery and external power supply) and attach appropriate warning tags.

7.1.2. Removal

- c. Unmount and remove the A/P computer and the Audio Panel from the instrument panel iaw. MM.
- d. Unmount and remove the right IFD iaw. MM.

7.1.3. Installation

- e. Install the 2nd attachment bracket in accordance with the assembly drawing.
- f. Re-install the right IFD, Audio Panel and A/P computer iaw. MM.

7.1.4. Return to service checks

- g. Check proper functioning of the re-installed units iaw. MM procedures.

8. Weight and balance

The influence on the W&B of the aircraft is negligible.

9. Electrical load analysis

No change.

10. Operating instructions

No change.

11. Instructions for continued airworthiness

Proper condition and attachment of the installed bracket shall be checked in accordance with the current scheduled maintenance checks as already applicable for the autopilot computer's mounting tray.
This SB shall be inserted into the aircraft's documentation to be available for each maintenance or repair event of the aircraft.

12. Effectivity date

This service bulletin is effective upon the date of issuance.

13. Installation check-out log

Submit a signed copy of the following page to:

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.

13.1. 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:	

13.2. Installed configuration

INSTALLED SYSTEM / EQUIPMENT / PART(S)	
Manufacturer:	
Model:	
Part Number:	
Serial Number:	

13.3. 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 (certified staff)