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Design Organisation EASA.21J.551			

SERVICE BULLETIN

BOSE HEADSET XLR5 CONNECTOR

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1. Subject

This Service Bulletin provides instructions for the new headset BOSE A20 and connector XLR-5 installation.

2. Affected Aircraft

EA400-500 MSN 1002 and up.

3. Introduction

This Service Bulletin is issued to introduce the replacement of BOSE AHX-04, due to unavailability, and BOSE 6 pin connector, due to mishandling problems, to BOSE A20 headset and XLR-5 connector (PN HICON HI-X5DF-G aircraft side).

This modification is applicable for pilots and passengers

4. Compliance Time

On aircraft owners description.

5. Approval

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

6. Required documentation

Accomplishment of the instructions contained herein can only be performed in combination with the correct and complete set of documents:

N°	Doc. Type	Doc. Name	Doc. Number
1	Installation drawing	BOSE HEADSET CONNECTORS INSTALLATION	DWG-500-2340-001-001
2	Installation drawing	BOSE HEADSET SUPPORTS INTALLATION	DWG-500-5328-001-001
3	Electrical drawing	INTERPHONE WIRING DIAGRAM	500E2340-000-001
4	Owner's Guide	BOSE A20 Owner's Guide	AM325453_Rev 02

7. Required tooling

Standard maintenance tools are required for the installation.

8. Instructions

NOTE: The installer must follow the requirements of the manufacturer's installation manuals listed in conjunction with the supplied wiring diagrams and the instructions listed herein.

8.1. Installation Planning

Carefully read and understand this entire document before beginning with the modification.
If any questions arise, contact SST-Flugtechnik GmbH for further instructions.

8.2. Preparation for Maintenance

- 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.

8.3. Removal

De-install old connectors.

8.4. Installation

For details please refer to the drawings listed in section 6 of this document.

8.5. Modification close-up procedures

- c. Make sure that all switches are in the OFF / NORM position.
- d. Re-connect electrical power, perform the tests iaw section 8.6 and prepare aircraft for release to service.

8.6. Post-installation inspections and tests

In order to check the proper function of the installed jack proceed as indicated by the corresponding owner's guide (see section 6, position 4).

9. Weight and Balance

No change.

10. Weight and balance

No changes for weight and Balance. The Equipment list is updated.

11. Operating Instructions

According to AFM-A500A-0210-01.

12. Instructions for Continued Airworthiness

No change.

13. Effectivity date

This service bulletin is effective upon the date of issuance.

14. 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.

14.1. 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:	

14.2. Installed configuration

INSTALLED SYSTEM	
Manufacturer:	HICON
Model:	5-pol XRL , female
Part Number:	HI-X5F-G
Serial Number:	-

14.3. 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.

14.4. 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