	<b>SB-A500A-7200-01</b>	Revision:	--
		Type:	EA 400
Model:		EA 400-500	
Project:		A500A-16-06	
Date:		24. Nov. 2016	
Design Organisation EASA.21J.551			

## SERVICE BULLETIN

# ROLLS ROYCE TP CEB A-72-2091

## Contents

<b>1. Subject</b>	<b>3</b>
<b>2. Affected Aircraft</b>	<b>3</b>
<b>3. Introduction</b>	<b>3</b>
<b>4. Compliance Time</b>	<b>3</b>
<b>5. Approval</b>	<b>3</b>
<b>6. Instructions</b>	<b>3</b>
6.1. Installation of the Instrument Panel Placard .....	3
6.2. Return to service checks .....	3
<b>7. Material required</b>	<b>4</b>
<b>8. Weight and balance</b>	<b>4</b>
<b>9. Operating instructions</b>	<b>4</b>
<b>10. Instructions for continued airworthiness</b>	<b>4</b>
<b>11. Effectivity date</b>	<b>4</b>
<b>12. Installation check-out log</b>	<b>5</b>
12.1. Continued airworthiness data .....	6
12.2. Installed configuration .....	6
12.3. A/C Documentation checks .....	6
12.4. Installation accomplishment statement .....	6

## 1. Subject

Compliance with Rolls Royce Alert Commercial Engine Bulletin TP CEB A-72-2091Rev.5 Engine N2 Speed Avoidance Range Limitation.

## 2. Affected Aircraft

All Extra EA400-500 (Extra 500) aircraft, serial numbers MSN 1002 and up.

## 3. Introduction

The EA400-500 enhanced power turbine ROLLS-ROYCE 250-B17F/2 engine is limited for operation between 1500 and 1800 RPM as defined by the N2 Speed Avoidance Range issued within the AFM limitations section. A placard is installed above the engine indication instrument to address the RPM restricted range, refer also to the AFM section 2, Limitations, page 30 for the placard affected.

The engine manufacturer Rolls Royce issued a new revision of the Alert Commercial Engine Bulletin TP CEB A-72-2091 which defines new limitations for the N2 Speed Avoidance Range. There is no more an operating time limit between 1500 and 1800 RPM. The range may be used now without restriction during the pre-flight checks.

This SB replaces the existing N2 RPM limiting placard above the RPM indicator (within the MVP engine instrument) and provides operating instructions for the N2 RPM avoidance range.

## 4. Compliance Time

SST-Flugtechnik considers compliance with this service bulletin recommended within the next 6 months.

## 5. Approval

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

## 6. Instructions

### 6.1. Installation of the Instrument Panel Placard

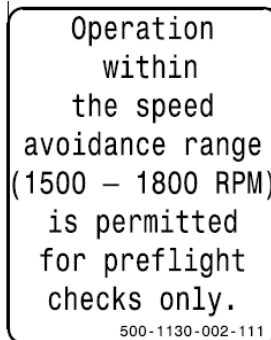
- Remove the existing N2 RPM avoidance range placard installed above the MVP Instrument.
- Remove stickies and clean the panel surface in accordance with MM procedures.
- Install the new self-adhesive placard P/N 500-1130-002-111 at the same location.

### 6.2. Return to service checks

- Install the revised chapters of the AFM into the AFM Manual.
- Record the compliance with this SB into the aircraft logs.

## 7. Material required

1. N2 RPM Avoidance Range Placard P/N 500-1130-002-111



2. Revision 2-1 of the Aircraft Flight Manual AFM-A500A-0210-01.

## 8. Weight and balance

No change.

## 9. Operating instructions

Refer to Revision 2-1 of the Aircraft Flight Manual AFM-A500A-0210-01.

## 10. Instructions for continued airworthiness

No change.

## 11. Effectivity date

This service bulletin is effective upon the date of issuance.

## 12. 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.

### 12.1. 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:	EA400
Date of installation:		Aircraft Model:	EA400-500
		Serial Number:	
		Registration:	

### 12.2. Installed configuration

INSTALLED PARTS/SYSTEM	
Manufacturer:	SST Flugtechnik GmbH
Model:	-
Part Number:	500-1130-002-111, N2 RPM Avoidance Range Placard
Serial Number:	-

### 12.3. A/C Documentation checks

AFM

 AFM revision filled out and inserted.

### 12.4. 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