

## Engine Dispatch Paperwork

Customer Name:

Engine Type: RB211 TRENT 884-17

Engine Serial Number: 51340

Sales Order:

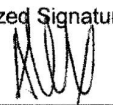

Issue Date: 19 NOVEMBER 2019

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<input checked="" type="checkbox"/>	Return to Service Document	EASA FORM 1: EASA0010755 FAA Form 8130-3: FAA0007254 CAAT Form One: CAATHAI0000544 CAD FORM ONE: CAD0004234
<input checked="" type="checkbox"/>	Shortage List *	
<input checked="" type="checkbox"/>	Engine Rework Summary	
<input checked="" type="checkbox"/>	Outstanding Action Item List *	
<input checked="" type="checkbox"/>	Airworthiness Directives Status *	
<input checked="" type="checkbox"/>	On Wing / In-Shop Monitor Items Sheet *	Serial No.: EASA0010755/1/5
<input type="checkbox"/>	CAT 1 Concession	No.:
<input type="checkbox"/>	RR Technical Variance	No.:

Note : Customer follow up items with suffix \*

1. Approving Competent Authority / Country <b>EASA</b>		2. <b>AUTHORISED RELEASE CERTIFICATE</b> EASA FORM 1			3. Form Tracking Number
4. Organisation Name and Address:					5. Work Order/Contract/Invoice
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status / Work
1	ROLLS-ROYCE ENGINE	RB211 TRENT 884-17	ONE	51340	REPAIRED
12. Remarks ENGINE LIFE : TSN : 62099 CSN : 12482 THE WORK SPECIFIED IN BLOCK 11 HAS/HAVE BEEN CARRIED OUT IAW CURRENT REVISION OF THE ROLLS-ROYCE ENGINE MANUAL AND OTHER APPROVED PROCEDURES, AND IN RESPECT OF THIS WORK, ENGINE IS CONSIDERED FIT FOR RELEASE TO SERVICE. DETAILS OF WORK CARRIED OUT ARE HELD IN HAESL FILE UNDER SALES ORDER: 1390047. ALL WORK CARRIED OUT IN ACCORDANCE WITH ROLLS-ROYCE ENGINE MANUAL REF.: E-TRENT-2RR TL96; WORKSCOPE REF.: W51340-SV8-ISSUE 01 (HAESL INTERNAL REF.: eIM-4930); REFERENCED EMP REF.: RM1898 ISSUE 38, EMP RM2063 ISSUE 01. ENGINE IS PRESERVED FOR OVER 3 MONTHS AS PER RR ENGINE MANUAL CHAPTER 72-00-00 (STORAGE). MANDATORY AIRWORTHINESS RELEASE INFORMATION IAW., BUT NOT LIMITED TO AMC 145.A.42(b) AND APPENDIX II TO THE COMMISSION REGULATION (EU) No 1321/2014, IS DETAILED IN THE ATTACHED ENGINE DISPATCH PAPERWORK SERIAL NO.: EASA0010755/1. ALL RELEVANT AD'S HAVE BEEN INCORPORATED AT THIS SHOP VISIT AND RELEASED ON 19 NOVEMBER 2019.					
13a. Certifies that the items identified above were manufactured in conformity to : <input type="checkbox"/> approved design data and are in a condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12			14a. <input checked="" type="checkbox"/> Part-145.A.50 Release to Service <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in Block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.		
13b. Authorised Signature		13c. Approval / Authorisation Number		14b. Authorised Signature	14c. Certificate / Approval Ref. No.
					<b>EASA.145.0079</b>
13d. Name		13e. Date (dd/mmm/yyyy)		14d. Name	14e. Date (dd/mmm/yyyy)
					19 / NOV / 2019
<b>USER / INSTALLER RESPONSIBILITIES</b> This Certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in block(s) 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving Civil Aviation Authority / Country:  <b>FAA / United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:	
4. Organization Name and Address:					5. Work Order/Contract/Invoice Number:	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ROLLS-ROYCE ENGINE	RB211 TRENT 884-17	ONE	51340	REPAIRED	
12. Remarks: <u>CUSTOMER : NOKSCOOT</u> ENGINE LIFE : TSN : 62099 CSN : 12482 THE WORK SPECIFIED IN BLOCK 11 HAS/HAVE BEEN CARRIED OUT IAW CURRENT REVISION OF THE ROLLS-ROYCE ENGINE MANUAL AND OTHER APPROVED PROCEDURES, AND IN RESPECT OF THIS WORK, ENGINE IS CONSIDERED FIT FOR RELEASE TO SERVICE. DETAILS OF WORK CARRIED OUT ARE HELD IN HAESL FILE UNDER SALES ORDER: 1390047. ALL WORK CARRIED OUT IN ACCORDANCE WITH ROLLS-ROYCE ENGINE MANUAL REF.: E-TRENT-2RR TL96; WORKSCOPE REF.: W51340-SV8-ISSUE 01 (HAESL INTERNAL REF.: eIM-4930); REFERENCED EMP REF.: RM1898 ISSUE 38, EMP RM2063 ISSUE 01. ENGINE IS PRESERVED FOR OVER 3 MONTHS AS PER RR ENGINE MANUAL CHAPTER 72-00-00 (STORAGE). MANDATORY AIRWORTHINESS RELEASE INFORMATION IS DETAILED IN THE ATTACHED ENGINE DISPATCH PAPERWORK SERIAL NO.: EASA0010755/1. ALL RELEVANT AD'S HAVE BEEN INCORPORATED AT THIS SHOP VISIT AND RELEASED ON 19 NOVEMBER 2019.						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:  		14c. Approval/Certificate No.:  <b>HK0Y765N</b>
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):  <b>19 / NOV / 2019</b>
<b>User / Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

FORM02114R07

1. Country <b>Thailand</b>		<b>AUTHORIZED RELEASE CERTIFICATE - AIRWORTHINESS APPROVAL TAG</b>			3. Form Tracking No.	
4. Organization					5. Work Order/Contract/Invoice No.	
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial/Batch No.	11. Status/Work	
1	ROLLS-ROYCE ENGINE	RE211 TRENT 884-17	ONE	51340	REPAIRED	
12. Remarks <p style="text-align: center;"><u>CUSTOMER : NOKSCOOT</u>  ENGINE LIFE : TSN : 62099 CSN : 12482</p> <p>THE WORK SPECIFIED IN BLOCK 11 HAS/HAVE BEEN CARRIED OUT IAW CURRENT REVISION OF THE ROLLS-ROYCE ENGINE MANUAL AND OTHER APPROVED PROCEDURES, AND IN RESPECT OF THIS WORK, ENGINE IS CONSIDERED FIT FOR RELEASE TO SERVICE.</p> <p>DETAILS OF WORK CARRIED OUT ARE HELD IN HAESL FILE UNDER SALES ORDER: 1390047.</p> <p>ALL WORK CARRIED OUT IN ACCORDANCE WITH ROLLS-ROYCE ENGINE MANUAL REF.: E-TRENT-2RR TL96; WORKSCOPE REF.: W51340-SV8-ISSUE 01 (HAESL INTERNAL REF.: eJM-4930); REFERENCED EMP REF.: RM1898 ISSUE 38, EMP RM2063 ISSUE 01.</p> <p>ENGINE IS PRESERVED FOR OVER 3 MONTHS AS PER RR ENGINE MANUAL CHAPTER 72-00-00 (STORAGE).</p> <p>MANDATORY AIRWORTHINESS RELEASE INFORMATION IS DETAILED IN THE ATTACHED ENGINE DISPATCH PAPERWORK SERIAL NO.: EASA0010755/1.</p> <p>ALL RELEVANT AD'S HAVE BEEN INCORPORATED AT THIS SHOP VISIT AND RELEASED ON 19 NOVEMBER 2019.</p>						
13. New Parts: Certifies that part(s) identified above except as otherwise specified in block 12 was (were) manufacturer/or inspect in accordance with the airworthiness requirements of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.			14. Used Parts: Certifies that part(s) identified above except as otherwise specified in block 12 was carried out in accordance with the airworthiness requirements of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service.			
15. Authorized Signature		17. Approval/Authorization No.		19. Authorized Signature		21. Approval/Certificate No.
				 		214/2540
16. Name (Typed or Printed)		18. Date		20. Name (Typed or Printed)		22. Date
						19 / NOV / 2019

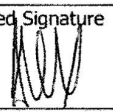
CAAT Form One

Distribution: Original copy – Customer, Photo Copy – Technical Records

FORM02241R03

**USER/INSTALLER RESPONSIBILITIES****Note :**

1. It is important to understand that the existence to the document alone does not automatically constitute authority to install the part/component/assembly.
2. Where the user/installer works in accordance with the national requirements of an Airworthiness Authority different from the Civil Aviation Authority of Thailand, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/ components/assemblies from the Civil Aviation Authority of Thailand.
3. Statements in block 13 and 14 do not constitute installation certification. In all case the aircraft maintenance record must contain an installation certification issued in accordance with the national requirements by the user/installer before the aircraft can be flown.

1. CIVIL AVIATION DEPARTMENT HONG KONG, CHINA		2. <b>AUTHORISED RELEASE CERTIFICATE CAD FORM ONE</b>			3. Certificate Ref. No.	
4. Approved Organisation Name and Address:					5. Work Order / Contract / Invoice	
6. Item	7. Description	8. Part No.	9. Qty	10. Serial / Batch No.	11. Status / Work	
1	ROLLS-ROYCE ENGINE	RB211 TRENT 884-17	ONE	51340	<b>MODIFIED REPAIRED INSPECTED / TESTED</b>	
12. Remarks <p style="text-align: center;"><b>CUSTOMER : NOKSCOOT</b></p> <p style="text-align: center;"><b>ENGINE LIFE : TSN : 62099 CSN : 12482</b></p> <p>THE WORK SPECIFIED IN BLOCK 11 HAS/HAVE BEEN CARRIED OUT IAW CURRENT REVISION OF THE ROLLS-ROYCE ENGINE MANUAL AND OTHER APPROVED PROCEDURES, AND IN RESPECT OF THIS WORK, ENGINE IS CONSIDERED FIT FOR RELEASE TO SERVICE.</p> <p>DETAILS OF WORK CARRIED OUT ARE HELD IN HAESL FILE UNDER SALES ORDER: 1390047.</p> <p>ALL WORK CARRIED OUT IN ACCORDANCE WITH ROLLS-ROYCE ENGINE MANUAL REF.: E-TRENT-2RR TL 96; WORKSCOPE REF.: W51340-SVB-ISSUE 01 (HAESL INTERNAL REF.: 6IM-4930); REFERENCED EMP REF.: RM1898 ISSUE 38, EMP RM2063 ISSUE 01.</p> <p>ENGINE IS PRESERVED FOR OVER 3 MONTHS AS PER RR ENGINE MANUAL CHAPTER 72-00-00 (STORAGE).</p> <p>MANDATORY AIRWORTHINESS RELEASE INFORMATION IS DETAILED IN THE ATTACHED ENGINE DISPATCH PAPERWORK SERIAL NO.: EASA0010755/1.</p> <p>ALL RELEVANT AD'S HAVE BEEN INCORPORATED AT THIS SHOP VISIT AND RELEASED ON 19 NOVEMBER 2019.</p> <p><b>RELEASED UNDER THE PROVISIONS OF THE TECHNICAL ARRANGEMENT BETWEEN THE HKCAD AND THE CAAS.</b></p>						
13a. Certifies that the item(s) identified above was (were) manufactured in conformity to : <input type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non-approved design data specified in Block 12 (See USER / INSTALLER RESPONSIBILITIES)				14a. <input checked="" type="checkbox"/> HKAR-145.50 Release to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12 the work identified in Block 11 and described in Block 12, was accomplished in accordance with HKAR-145 and in respect to that work the item(s) is(are) considered ready for release to service. (See USER / INSTALLER RESPONSIBILITIES)		
13b. Authorised Signature		13c. Approval Reference Number		14b. Authorised Signature		14c. Approval Reference Number
		<b>DAI/98/197</b>		 P. 1578		• HKCAD Approval Ref. No. <b>DAI/98/197</b> • JMM Acceptance No. <b>JMM 036</b> • HKCAD – TCCA TA-M No. <b>5015-11328</b>
13d. Name		13e. Date (dd/mmm/yyyy)		14d. Name		14e. Date (dd/mmm/yyyy)
						19 / NOV / 2019
<b>AUTHORISED RELEASE CERTIFICATE - CAD FORM ONE USER / INSTALLER RESPONSIBILITIES</b>						
<b>NOTE:</b> <ol style="list-style-type: none"> <li>It is important to understand that the existence of the Document alone does not automatically constitute authority to install the item(s).</li> <li>Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in Block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts item(s) from the Airworthiness Authority specified in Block 1.</li> <li>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</li> </ol>						

## **TRENT 800 PARTS SHORTAGE LIST**

Engine S/N: 51340  
Engine Type : TRENT-800  
Customer : HRNCT

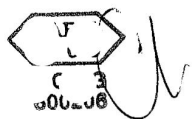
S/No. :  
Sales Order:  
Date: 19 NOV 2019

### **1. EBU PARTS SHORTAGE LIST**

ITEM	DESCRIPTION	A. T. A.	PART NUMBER	QTY
1	FWD MOUNT INST'L	71-00-02 FIG 2-1	QEC SUBKIT #2	1 KIT
2	AFT MOUNT INST'L	71-00-02 FIG 3-1	QEC SUBKIT #3	1 KIT
3	THRUST LINK INST'L	71-00-02 FIG 4-1	QEC SUBKIT #4	1 KIT
4	BRACKET INST'L	71-00-02 FIG 5-2	QEC SUBKIT #5	1 KIT
5	BRACKET INST'L	71-00-02 FIG 6-1	QEC SUBKIT #6	1 KIT
6	BRACKET INST'L	71-00-02 FIG 7-1	QEC SUBKIT #7	1 KIT
7	IDG COOLER INST'L	71-00-02 FIG 8-1	QEC SUBKIT #8	1 KIT
8	IDG INST'L	71-00-02 FIG 9-1	QEC SUBKIT #9	1 KIT
9	VSCF INST'L	71-00-02 FIG 10-1	QEC SUBKIT #10	1 KIT
10	IDG/VSCF PLUMBING INST'L	71-00-02 FIG 11-1	QEC SUBKIT #11	1 KIT
11	IDG/VSCF OIL SERVICE INST'L	71-00-02 FIG 12-2	QEC SUBKIT #12	1 KIT
12	HYD PUMP INST'L	71-00-02 FIG 13-2	QEC SUBKIT #13	1 KIT
13	STRUT DRAIN INST'L	71-00-02 FIG 14-1	QEC SUBKIT #14	1 KIT
14	HYD & FUEL PLUMB INST'L	71-00-02 FIG 15-1	QEC SUBKIT #15	1 KIT
15	FIRE EXT. PLUMBING INST'L	71-00-02 FIG 16-1	QEC SUBKIT #16	1 KIT
16	FAN AIR VALVE INST'L	71-00-02 FIG 17-1	QEC SUBKIT #17	1 KIT
17	FIRE DETECTOR INST'L	71-00-02 FIG 18-1	QEC SUBKIT #18	1 KIT
18	FAN CASE FIRE DETECTOR	71-00-02 FIG 19-1	QEC SUBKIT #19	1 KIT
19	ECS CONTROLLER INST'L	71-00-02 FIG 20-1	QEC SUBKIT #20	1 KIT
20	PNEUMATIC PLUMBING INST'L	71-00-02 FIG 21-2	QEC SUBKIT #21	1 KIT
21	PNEUMATIC PLUMBING INST'L	71-00-02 FIG 22-2	QEC SUBKIT #22	1 KIT
22	PDOS PLUMBING INST'L	71-00-02 FIG 23-1	QEC SUBKIT #23	1 KIT
23	PNEUMATIC BLEED INST'L	71-00-02 FIG 24-2	QEC SUBKIT #24	1 KIT
24	ANTI-ICE SYSTEM INST'L	71-00-02 FIG 25-1	QEC SUBKIT #25	1 KIT
25	ANTI-ICE SYSTEM INST'L	71-00-02 FIG 26-1	QEC SUBKIT #26	1 KIT
26	IDG POWER WIRE	71-00-02 FIG.27-1	QEC SUBKIT #27	1 KIT
27	ELECT. WIRING INST'L M34	71-00-02 FIG.28-1	QEC SUBKIT #28	1 KIT
28	ELECT. WIRING INST'L M34	71-00-02 FIG.29-1	QEC SUBKIT #29	1 KIT
29	STARTER DUCT INST'L	71-00-02 FIG.30-1	QEC SUBKIT #30	1 KIT
30	INLET COWL INST'L	71-00-02 FIG.31-1	QEC SUBKIT #31	1 KIT
31	PRIMARY EXHAUST INST'L	71-00-02 FIG.32-1	QEC SUBKIT #32	1 KIT
32	OIL MARKER	71-00-02 FIG.33-1	QEC SUBKIT #33	1 KIT

\* DENOTES LOOSE ITEMS SHIPPED SEPARATELY.

# DENOTES MAJOR COMPONENT.

A handwritten signature in black ink is written over a circular stamp. The stamp contains the text "F L C 3" and "000-06" at the bottom.

CERTIFIED BY : \_\_\_\_\_  
STAMP & SIGN.

Date: 19 NOV 2019

## **TRENT 800 PARTS SHORTAGE LIST**

Engine S/N: 51340  
 Engine Type : TRENT-800  
 Customer : HRNCT

S/No. :  
 Sales Order:  
 Date: 19 NOV 2019

### **2. ENGINE PARTS SHORTAGE LIST**

ITEM	DESCRIPTION	A. T. A.	PART NUMBER	QTY
* 1	BRACKET	71-71-49-07-070	FK25381	1 EA
* 2	TUBE	71-71-49-07-100	FK32283	1 EA
* 3	BOLT	71-71-49-07-125	AS48408	1 EA
* 4	WASHER	71-71-49-07-126	K8831	1 EA
* 5	CLIP	71-71-49-07-128	LK39523	1 EA
* 6	NUT	71-71-49-07-132	AS20624	1 EA
7	BRACKET	72-00-34-01-400	FK24234	2 EA
8	SCREW	72-00-34-01-403	U756318	4 EA
9	WASHER	72-00-34-01-404	AS12945	4 EA
10	NUT	72-00-34-01-405	AS20626	4 EA
* 11	BRACKET	72-00-34-01-880	FK22287	1 EA
12	SCREW	72-00-34-01-882	U756210	2 EA
* 13	SPINNER	72-35-11-01-085	FK25656	1 EA
* 14	BOLT	72-35-11-01-087	AS48617	27 EA
* 15	WASHER	72-35-11-01-090	AS12945	18 EA
* 16	FAIRING	72-35-11-01-220	FK24723	1 EA
* 17	DRAIN MAST	72-62-49-01-250	FK29951	1 EA
18	BOLT	72-62-49-01-252	AS48408	2 EA
19	BOLT	72-62-49-01-253	AS48409	2 EA
20	WASHER	72-62-49-01-254	AS12943	2 EA
21	NUT	72-62-49-01-255	AS20624	2 EA
22	BOLT	72-62-49-01-257	AS48518	2 EA
23	BOLT	72-62-49-01-258	BLT7126	2 EA
24	WASHER	72-62-49-01-260	AS12944	4 EA
25	RING	72-62-49-01-262	AS43013-140	1 EA
# 26	EEC	73-21-11-01-350	EEC9000-07	1 EA
# 27	IGNITION EXCITER UNIT	74-11-11-01-502	430154	2 EA
28	RING	75-21-11-01-362	KB27127	2 EA
29	SEAL	75-21-11-01-518	FK13779	1 EA
* 30	TUBE	75-21-11-01-520	FK25494	1 EA
31	BOLT	75-21-11-01-522	AS48408	3 EA
32	CLIP	75-21-11-01-523	AS62424	3 EA
33	BOLT	75-21-11-01-524	AS48416	3 EA
34	WASHER	75-21-11-01-526	AS12943	6 EA
35	WASHER	75-21-11-01-528	K8831	3 EA
36	NUT	75-21-11-01-530	AS20624	3 EA

## TRENT 800 PARTS SHORTAGE LIST

Engine S/N: 51340  
Engine Type : TRENT-800  
Customer : HRNCT

S/No. \_\_\_\_\_  
Sales Order: \_\_\_\_\_  
Date: 19 NOV 2019

### 2. ENGINE PARTS SHORTAGE LIST

ITEM	DESCRIPTION	A. T. A.	PART NUMBER	QTY
37	NUT	75-21-11-01-532	AS20624	3 EA
38	RING	75-21-11-01-534	KB27127	2 EA
39	SLEEVE	75-21-11-01-536	FK13735	1 EA
40	GUADE	75-21-11-01-586	FK21233	1 EA
41	BOLT	75-21-11-01-588	AS48411	3 EA
42	WASHER	75-21-11-01-589	AS12943	3 EA
43	NUT	75-21-11-01-590	AS20624	3 EA
* 44	COVER	75-21-11-01-700	FK27898	1 EA
# 45	DUCT ASSY. OF INLET	75-24-13-01-580	FK23386	1 EA
46	NUT	75-24-13-01-581	AS20625	12 EA
47	WASHER	75-24-13-01-582	AS12944	6 EA
48	BOLT	75-24-13-01-584	AS48510	12 EA
# 49	VIBRATION TRANSDUCER	77-32-11-01-200	144-958-000-011	1 EA
# 50	PNEUMATIC STARTER	80-12-11-01-005	3505788-8	1 EA
51	SEAL	80-12-11-01-007	S3225-216	1 EA
52	CLAMP	80-12-12-01-115	3504653-1	1 EA
# 53	STARTER VALVE	80-12-13-01-010	3291522-2	1 EA
54	DUCT	80-12-49-01-370	LJ41988	1 EA
55	SEAL	80-12-49-01-375	0863	1 EA
56	CLAMP	80-12-49-01-380	30178-450	1 EA
57	CLAMP	80-12-49-01-385	30178-400	1 EA
58	SEAL	80-12-49-01-390	1014346	1 EA
59	NUT	80-12-49-01-642	A234-4R	4 EA
60	ROD	80-12-49-01-645	RFQ04UR	4 EA
61	NUT	80-12-49-01-648	AS20625	1 EA
62	CONNECTR	80-12-49-01-654	LJ41624	2 EA
63	BOLT	80-12-49-01-657	AS61430	1 EA
64	NUT	80-12-49-01-660	AS20625	2 EA
65	BOLT	80-12-49-01-663	AS61420	2 EA

\* DENOTES LOOSE ITEMS SHIPPED SEPARATELY.

# DENOTES MAJOR COMPONENT.

CERTIFIED BY : \_\_\_\_\_  
STAMP & SIGNATURE

Date: 19 NOV 2019

Customer :  
 Engine Type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order No. : 1390047  
 Date : 19 NOVEMBER 2019

Serial No.:

**Rework Summary Sheet**

- 1 Engine removal reason : LLP Time expiry
- 2 All modules were removed and relevant modules were re-fitted to engine after repair as per the item "modules fitted to engine" on this Summary Sheet.
- 3 EASA/CAA ADs, FAA ADs, CAA Airland ADs, CAA Airline ADs and Rolls-Royce defined Mandatory mods were checked and confirmed fully embodied.
- 4 The following modifications / OIN / NTO including customer specified modifications were embodied at this shop visit:
 

<u>Eng. / 51340:</u>	71-H410	71-H824	72-AE362	72-AJ463	72-E067
	72-H391	72-J105	72-J137	72-J471	72-J803
	73-C778	73-F338	73-G838 pt.3	73-H572	73-H814
	77-G512	77-H097	77-H882	79-AE964	79-D543
	79-G978	79-H571	NTO 106		
<u>M31/FM0042:</u>	72-AE935 R.7 Appendix 2	72-D347 on fan blade		72-H148	
	72-H793				
<u>M32/FM0043:</u>	72-AE935 Appendix 2	72-AG085	72-G087	72-H391 pt.1	
<u>M33/FM0092:</u>	72-AE935 R.7 Appendix 2	72-E257 R.2			
<u>M33/40 SA5825:</u>	72-H513 pt.1				
<u>M41/FM0046:</u>	72-AE082 R.7	72-AE935 R.7	72-AF825 R.3	72-AG695 R.1	72-AG705 pt.2
	72-G781 R.0	72-H345 pt.1	72-H768 pt.1, 3	72-H867 pt.1	72-J195 pt.1
	72-J242 pt.1	73-AF044 R.4	73-G838 pt.3 - 4		
<u>M51/FM0045:</u>	72-AE362 R.2	72-AE935 R.7 Appendix 2	72-H868	73-G838 pt.3, 4	
	OIN 168	OIN 253	OIN 37		
<u>M34/FM0037:</u>	72-AG717	72-AG774	72-G634	OIN 120	
<u>M52/FM0111:</u>	72-AE935 R.7 Appendix 2	72-AG644	73-G838 pt.3-4		
- 5 The following modifications were found embodied :
 

<u>M31/FM0042:</u>	72-C905 pt. 5	72-E382 pt.1	72-E404 pt.1
<u>M41/FM0046:</u>	72-B233	72-B854 pt.1	72-C157
<u>M51/FM0045:</u>	72-B893	72-C044 pt.3	72-C047 pt.1 72-D736 pt.1
- 6 The following modifications were not embodied at this shop visit , reason as following :
 

<u>Eng. / 51340:</u>	72-AJ165 - due to 72-J803 embodied at this shop visit
	73-AD685 - due to 73-H814 embodied at this shop visit
	73-G070 - due to Fuel Pump S/N : 0718, TSO/CSO : 3937.57 /934 not affected this shop visit
<u>M31/FM0042:</u>	72-D347 on fan disc - due to brand new fan disc s/n: RRSU03B305 fitted.
<u>M33/40 SA5825:</u>	72-E130 - due to new gearbox fitted with 72-H513 standard at this shop visit
<u>M52/FM0111:</u>	72-G604 - on attrition incompliance at this visit.

Customer :

Engine Type : RB211 TRENT 884-17

Engine S/N : 51340

Sales Order No. :

Date : 19 NOVEMBER 2019

Serial No.

**Rework Summary Sheet**

- 7 The following Rolls Royce 'TV' / Concession / Deviation permit / Visual Acceptance Form / were embodied at this shop visit :

<u>Eng. / 51340:</u>	FRSJ173-TV206444	FRSJ274/2-TV206723	FRSJ274/4-TV206723
<u>M41/FM0046:</u>	Cat 2 Concession 211141544	Cat 2 Concession 211157624	FRSD137-TV205179
	FRSD406-TV193117	TV200820 issue 1	TV203639 issue 1
	TV206035 issue 1	VAF:EDNS01000306445/004	
<u>M51/FM0045:</u>	Cat 2 Concession 211134727	Cat 2 Concession 211163029	Cat 2P Deviation Permit 211019961
	Cat 2 Deviation Permit 211123844	FRSE166-TV206357 issue 1	FRSH243 -TV188663 issue 5
	TV202108 issue 1		

- 8 The following on wing defects were rectified / cleared at this shop visit :

- TV149210 issue 1 HP NGV trailing edge material loss.
- On Wing Defect - LP (N1) Turbine speed probe signal failed  
MM#73-76301 refer to additional comments (For NMP).
- On wing defect - LP(N1) Turbine Speed Probe3 signal is failed  
MM#73-76301

- 9 The engine was re-assembled and tested.

- Engine was tested to 884, certified to 884, released as 884 rating
- The test result was accepted
- Oil spec: refer to customer EMP
- Engine is released with a SB 79-D543 standard, 15 micron filter fitted

- 10 Engine pre-installation check was carried out.

- LPT exhaust case struts at location 4 found crack at below strut positions - accepted by EM Subtask 72-00-00-220-047

#4 - inner L/E 0.360"	#5 - inner L/E 0.332"	#6 - inner L/E 0.423"
#7 - inner L/E 0.761"	#11 - inner L/E 0.625"	

- 11 Full borescope inspection was carried out after test.

result : nil defect found

Customer :  
Engine Type : RB211 TRENT 884-17  
Engine S/N : 51340  
Sales Order No. : 1390047  
Date : 19 NOVEMBER 2019

Serial No.

**Rework Summary Sheet**

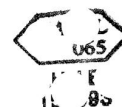
12 The following modules were fitted to engine :

M01901AA	FM0042 ( Ex. Original Engine, check & repair )
M02901AB	FM0043 ( Ex. Original Engine, check & repair )
M03100083	FM0092 ( Ex. Original Engine, check & repair )
M33/40 (FK40148)	SA5825 ( New gearbox fitted )
M04100092	FM0046 ( Ex. Original Engine, refurbishment ) ( Replaced FSN weight distributors with new )
M05908AA	FM0045 ( Ex. Original Engine, refurbishment )
M06904AA	FM5342 ( Ex. Original Engine, serviceability )
M07905AB	FM0037 ( Ex. Original Engine, check & repair )
M08908AB	FM0111 ( Ex. Original Engine, check & repair )

\* Engine is declared as "Refurbishment" shop visit

Remark:

- \* The P/N. , S/N., AD compliance, life history of the undisturbed module shall refer to previous record.
- \* SB72-AE935 Appendix 2 was carried out in HAESL (but not the whole SB72-AE935) as per RR (customer / OEM) instruction.
- \* RR has agreed to release the engine / module without standard log card due to customer not provided  
Customer agreed to carry forward the log card requirement.
- \* Dispatch Flight profile F



( Signature & Stamp )

Customer : 1  
Engine Type : RB211 TRENT 884-17  
Engine S/N : 51340  
Sales Order No. :  
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Serial No.: F

## **Outstanding Action Items**

- 1 Carry out Test no. 2 - fuel & oil leak check on LP fuel filter, oil pressure filter and oil scavenge filter area due to replace after engine test iaw. Boeing 777 AMM task : 71-00-00-800-829-R00.
- 2 Re-install shortage item iaw. Shortage List s/n.: EASA0010755/1/1.
- 3 Carry out leak check on oil pump MCD housing blanking plates.  
(due to the blanking plates have been removed for inlet screen contamination check)
- 4 Re-install the rear vibration transducer due to hindering of engine rollover stand.
- 5 Carry out oil servicing on engine after installation.
- 6 Carry forward FAA AD 2018-25-11 for Customer to follow up. (Engine post SB71-H824)
- 7 Carry forward EASA AD 2014-0051 / FAA AD 2015-04-06 (RR SB73-AH001) for Customer to follow up due to EEC shortage released.



( Signature & Stamp )

Customer :  
Engine type : RB211 TRENT 884-17  
Engine S/N : 51340  
Sales Order :  
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Serial No.

**AIRWORTHINESS DIRECTIVES STATUS (ENGINE MARK: TRENT-800)**

The Airworthiness Directives status of this engine was as following list :

1. EASA Airworthiness Directives bi-weekly 18-2018
2. CAA CAP 474 Foreign Airworthiness Directives volume III issue 372 date : October, 2004
3. CAA CAP 476 Mandatory Aircraft Modifications and Inspections Summary issue 287 date : September, 2004
4. CAA CAP 747 Mandatory Requirements for Airworthiness issue 3 + Amendment 2017/01 corrected date : 21 July, 2017

Symbol	Description	Definition
<b>CW</b>	Complied With	- Complied with at this visit.
<b>CWR</b>	Complied With - Repetitive Inspection	- Complied with at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated, or refer to the appropriate AD.
<b>ICR</b>	In Compliance - Repetitive Inspection	- In compliance at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated. The last inspection carried out should also be stated, or refer to the appropriate AD.
<b>N/A</b>	Not Applicable	- The aircraft / equipment / component / part are not affect by the AD. - A brief statement amplifying the reason of non-applicability is required.

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order :  
 Date : 19 NOVEMBER 2019

Serial No.:

**\* - Record of the appropriate Compliance status.**

EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
G-2003-0003	XXXXXX	TLM 05-20-01 RELATED EM INSPECTION CHAPTER 72-31-16, 72-31-20, 72-32-31, 72-33-21, 72-41-31, 72-41-51, 72-51-31, 72-51-33, 72-52-31, 72-52-33	Group A (Critical) Parts - Focused Inspections. referred inspection as specified in AD.	M31 M32 M33 M41 M51 M52	CWR Refer to remarks as below	Yes - re-inspect at next shop visit

The list of Group A Parts is specified below:

Part Nomenclature	Actual P/N:	Actual S/N:	E.M. Inspection Task	Remarks (Focused Inspection)
Low Pressure Compressor Rotor Disc	FK30901		72-31-16-200-801	No, new part fitted
Low Pressure Compressor Rotor Shaft	FK20839		72-31-20-200-801	No, new part fitted
Intermediate Pressure Compressor Rotor Shaft	FK24100		72-32-31-200-801	No, not disassembled
Intermediate Pressure Rear Shaft	FW18545		72-33-21-200-801	No, new part fitted
High Pressure Compressor Stage 1 to 4 Rotor Discs Shaft	FK32580		72-41-31-200-801	No, new part fitted
High Pressure Compressor Stage 5 & 6 Discs and Cone	FK27899		72-41-31-200-802	No, new part fitted
High Pressure Turbine Rotor Disc	FK26893		72-41-51-200-801	No, new part fitted
Intermediate Pressure Turbine Rotor Disc	FK33049		72-51-31-200-801	No, new part fitted
Intermediate Pressure Turbine Rotor Shaft	FW18550		72-51-33-200-801	Yes, focus inspected
Low Pressure Turbine Stage 1 Rotor Disc	FK24971		72-52-31-200-801	No, new part fitted
Low Pressure Turbine Stage 2 Rotor Disc	FK26625		72-52-31-200-802	No, new part fitted
Low Pressure Turbine Stage 3 Rotor Disc	FK26626		72-52-31-200-803	No, new part fitted
Low Pressure Turbine Stage 4 Rotor Disc	FK23210		72-52-31-200-804	No, new part fitted
Low Pressure Turbine Stage 5 Rotor Disc	FK24200		72-52-31-200-805	No, new part fitted
Low Pressure Turbine Rotor Shaft	FK26159		72-52-33-200-801	No, new part fitted

Customer :  
 Engine type : RB211 TRENT 884-17  
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 Sales Order :  
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Serial No.: E

EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2007-0003R1 (Replace 2007-0003)	XXXXXX	SB72-AE935 Rev.7	ATA 05 Time Limits - Engine Critical Part Lives	M31 M32 M33 M41 M51 M52	CWR (SB72-AE935 rev.7 Appendix 2 was embodied)	Yes - life management required, refer to TLM
G-2004-0008 (superseded G-001- 02-2001 & G-2003- 0015)	XXXXXX	SB72-AD344 Rev.7 or later SB72-D347 Rev.6 or later SB72-D672 Rev.0 or later	ATA 72 - Engine - Fan Blade - Lubrication / Modification. Details ref to AD/SB.	M31	N/A - fan blades part no. not affected	No
G-003-04-98	XXXXXX	SB72-C445 Rev.8	Ultrasonic inspection of the Fan Blade roots. Repeated at interval as specified in AD/SB	M31	N/A - fan blades part no. not affected	No

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
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Serial No.

EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
G-003-09-2001	XXXXXX	SB72-D339 Rev.3	Engine - Inspection for IP turbine Shaft wear. Detail refer to SB & additional requirement as specified in AD	M33 & M51	N/A - post SB72-D495	No
G-2004-0030 (superseded G-2004-0015 & G001-05-2003)	XXXXXX	SB72-AE055 Rev.5 SB72-E044 Rev.2	LP Compressor blades. Inspection and rework iaw SB72-E044. Details reference to SB and referred at interval as specified in SB/AD	M31	N/A - fan blades part no. not affected	No
2007-0003 (superseded G-002-9-2003)	XXXXXX	SB72-E058 Rev.1	IP Turbine Disc - Life Management. Details reference to SB and referred at interval as specified in SB/AD	M51	N/A - this NMSB is cancelled	No
2007-0004 (Supersede 2006-0239R2)	XXXXXX	SB72-AE082 Rev.7	HP Compressor Drum-Life Management - HP Compressor Rotor Stage 6 loading slot cracking. Details reference to SB and repeated at interval as specified SB/AD. Detail ref. AD/SB	M41	CW - SB72-AE082 Rev.7	No

Customer :  
 Engine type : RB211 TRENT 884-17  
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Serial No.

EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2009-0071 (Superseded G-2004-0009)	XXXXXX	SB72-AE362 Rev.2	ATA 72 - Engine - IP Turbine Bearing - Oil vent tube inspection	M51	CWR (result : no carbon)	Yes - repeat inspect at every shop visit
G-004-10-96	XXXXXX	SB73-C090 Rev.2	Fuel & Control - Fuel spray nozzle - Inspection of nozzles for cracking. Frequency of inspection - Daily.	M41	N/A - post SB73-C119 and SB73-F389 not affected	No
2005-0025	XXXXXX	SB79-AE964 Rev.0	Engine Oil Tank - Oil Filler Cap Assembly - Inspection / Replacement	NM	CW - checked serial no. not visible and "Notch" is present	No
G-003-07-99	XXXXXX	SB79-C850 Rev.0	Oil - Oil system tubes and fittings - LP Compressor Case - Introduction of a filter screen into the engine breather oil return line. Details ref. AD/SB	NM	N/A - post SB79-C850	No

Customer :  
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EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2009-0021	XXXXXX	SB72-AG086 Rev.0	Engine - Dressing of Titanium Compressor Shafts to FRS6625	M32 M41	N/A - IPC shaft serial no. & HPC shaft serial no. not affected	No
2013-0042 (superseded 2009-0073R1)	XXXXXX	SB72-AF964 Rev.3 or later	Engine - HP Compressor Drum - Inspection of Axial Dovetail Slots	M41	ICR - brand new HPC 1-4 drum fitted	Yes - re-inspect at next shop visit when drum stripped to piece part level & CSN greater than 1000 cycles iaw AD & SB72-AF964 instruction
2009-0142	XXXXXX	SB79-AG257 Rev.1	Oil - Fuel Oil Heat Exchanger - Introduction of a Fuel Oil Heat Exchanger Featuring a Revised Cooler Matrix	NM	N/A - post SB79-AG257	No
2009-0187R1 (superseded 2009-0187)	XXXXXX	SB72-AG073 Rev.1	Engine - Inspection of Front Combustion Liner Head Section	NM M41	N/A - 2009-0187R2 issued to delete Trent 800 effectivity due to the issue of EASA AD 2011-0080	XXXXXX

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EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2009-0243R3 (superseded 2009-0243R2)	XXXXX	SB72-AF458 Rev.4 or later SB72-AG705 Rev.0 or later	Engine Borescope Inspection of Front Combustion Liner Inner Wall	M41	N/A - embodied SB72-AG705 at this shop visit	No
2012-0025 (superseded 2010-0097)	XXXXX	SB72-AG244 Rev.4 or later	LP Compressor Blades - Inspection of LP Compressor Blade Roots	M31	N/A - fan blades part no. not affected	No
2010-0188R1 (superseded 2010-0188)	XXXXX	SB73-AD685 Rev.6 or later SB73-H814 Rev.0 or later	LP Fuel Tube Clip Fretage Inspection	NM	N/A - SB73-H814 embodied at this shop visit	No
2011-0080R1 (superseded 2011-0080)	XXXXX	SB72-AG456 Rev.0 or later SB72-AG705 Rev.0 or later	Engine - Repeat borescope inspection of front combustion liner head section	M41	N/A - embodied SB72-AG705 at this shop visit	No

Customer :  
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EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2012-0051	XXXXX	SB72-AG801 Rev.0 or later	Engine - Life Limited Components - Changes to Time Limits Manual and Aircraft Maintenance Manual Resulting From Changes to the Trent 800 Flight Profiles	M31 M32 M33 M41 M51 M52	ICR - no operating beyond the heavy flight profile history	Yes - re-calculate the current life of each life limited critical part iaw. AD / SB instruction when operate beyond the heavy flight profile
2012-0120R1 (superseded 2012-0120)	XXXXX	SB72-AG795 Rev.0 or later	Engine - IP Turbine Disc - Removal due to steel contamination concerns	M51	CW (checked , IPT disc serial no. not affect)	No
2013-0223	XXXXX	SB72-AG644 Rev.0 or later SB72-G604 Rev.0 or later	Engine - Exhaust Case - Introduction of a Revised LP Turbine Exhaust Case and Support Assembly Featuring an Increased Wall Thickness of IP Bearing Support Flange	M52	CW (embodied SB72-AG644 at this shop visit)	No
2014-0051	XXXXXX	SB73-AH001 Rev.0 or later	Fuel & Control - Engine Electronic Controller - Introduction of a Revised Standard of Engine Electronic Controller Software B7.2	NM	Unknown (EEC short released)	Yes - to be confirmed by operator

Customer :  
 Engine type : RB211 TRENT 884-17  
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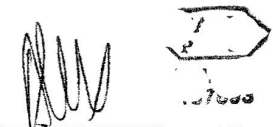
Serial No.:

EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2016-0078	XXXXXX	SB72-J195 Rev.0 or later	Engine - HP Compressor Cases - Introduction of a HP Compressor Case Build Instruction with Revised Cold Build Clearance	M41	N/A - brand new HPC 1-4 drum fitted and embodied SB72-J195 at this shop visit	No
2016-0223 (superseded 2010- 0087)	XXXXXX	SB72-C768 Rev.4 or later SB72-F867 Rev.1 or later SB72-G150 Rev.0 or later	Engine - HP Compressor - Stage 1 to 4 Shaft	M41	CW - refer to Trent 800 E.M. TLM	No
2017-0096	XXXXXX	SB72-AJ463 Rev.1 or later	Engine - LP Compressor Case, A-Frame Hollow Locating Pin - Replacement	NM	CW - new hollow pin fitted at this shop visit	No

Customer :  
 Engine type : RB211 TRENT 884-17  
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Serial No.: EASA0010755/1/4 (EASA/CAA AD)

EASA AD No.	CAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2014-0152R1 (Superseded 2013-0002)	XXXXX	SB72-AG264 Rev.5 or later SB72-AG401 Rev.2 or later SB72-AG085 Rev.2 or later	Engine - IP Compressor Rotor Shaft and Balance Weights - Inspection	M32	CWR (SB72-AG085 Rev.2 was embodied and post SB72- AG401)	Yes - repeat inspect at next shop visit refer to SB72- AG085 Rev.2
2018-0088 (Superseded 2016-0084)	XXXXX	SB72-AJ165 Rev.0 or later SB72-J803 Rev.0 or later	Powerplant - Upper Bifurcation Fairing Seal Face Inspection	NM	N/A - SB72-J803 embodied at this shop visit	No



Signature & Stamp

Customer :  
Engine type : RB211 TRENT 884-17  
Engine S/N : 51340  
Sales Order :  
Date : 19 NOVEMBER 2019

**Serial No.:**

**AIRWORTHINESS DIRECTIVES STATUS (ENGINE MARK: TRENT-800)**

The Airworthiness Directives status of this engine was as following list :

1. FAA Airworthiness Directives bi-weekly 2019-12

Symbol	Description	Definition
<b>CW</b>	Complied With	- Complied with at this visit.
<b>CWR</b>	Complied With - Repetitive Inspection	- Complied with at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated, or refer to the appropriate AD.
<b>ICR</b>	In Compliance - Repetitive Inspection	- In compliance at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated. The last inspection carried out should also be stated, or refer to the appropriate AD.
<b>N/A</b>	Not Applicable	- The aircraft / equipment / component / part are not affect by the AD. - A brief statement amplifying the reason of non-applicability is required.

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order :  
 Date : 19 NOVEMBER 2019

Serial No.:

**\* - Record of the appropriate Compliance status.**

FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2004-19-08	TLM 05-20-01 RELATED EM INSPECTION CHAPTER 72-31-16, 72-31-20, 72-32-31, 72-33-21, 72-41-31, 72-41-51, 72-51-31, 72-51-33, 72-52-31, 72-52-33	Group A (Critical) Parts - Focused Inspections. Referred inspection as specified in AD.	M31 M32 M33 M41 M51 M52	CWR Refer to remarks as below	Yes - repeat inspection at next shop visit

The list of Group A Parts is specified below:

Part Nomenclature	Actual P/N:	Actual S/N:	E.M. Inspection Task	Remarks (Focused Inspection)
Low Pressure Compressor Rotor Disc	FK30901		72-31-16-200-801	No, new part fitted
Low Pressure Compressor Rotor Shaft	FK20839		72-31-20-200-801	No, new part fitted
Intermediate Pressure Compressor Rotor Shaft	FK24100		72-32-31-200-801	No, not disassembled
Intermediate Pressure Rear Shaft	FW18545		72-33-21-200-801	No, new part fitted
High Pressure Compressor Stage 1 to 4 Rotor Discs Shaft	FK32580		72-41-31-200-801	No, new part fitted
High Pressure Compressor Stage 5 & 6 Discs and Cone	FK27899		72-41-31-200-802	No, new part fitted
High Pressure Turbine Rotor Disc	FK26893		72-41-51-200-801	No, new part fitted
Intermediate Pressure Turbine Rotor Disc	FK33049		72-51-31-200-801	No, new part fitted
Intermediate Pressure Turbine Rotor Shaft	FW18550		72-51-33-200-801	Yes, focus inspected
Low Pressure Turbine Stage 1 Rotor Disc	FK24971		72-52-31-200-801	No, new part fitted
Low Pressure Turbine Stage 2 Rotor Disc	FK26625		72-52-31-200-802	No, new part fitted
Low Pressure Turbine Stage 3 Rotor Disc	FK26626		72-52-31-200-803	No, new part fitted
Low Pressure Turbine Stage 4 Rotor Disc	FK23210		72-52-31-200-804	No, new part fitted
Low Pressure Turbine Stage 5 Rotor Disc	FK24200		72-52-31-200-805	No, new part fitted
Low Pressure Turbine Rotor Shaft	FK26159		72-52-33-200-801	No, new part fitted

Customer :  
 Engine type : RB211 TRENT 884-17  
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FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2005-01-15R1 (superseded 2002-11-08)	SB72-AD344 Rev.7 SB72-D347 Rev.7 SB72-D672 Rev.0	ATA 72 - Engine - Fan Blade - Lubrication / Modification. Details ref to AD/SB.	M31	N/A - fan blades part no. not affected	No
2005-20-23 (superseded 2002-10-15)	SB72-D347 Rev.6 or Rev.7	ATA 72 - Engine - Fan Blade - Lubrication / Modification. Details ref to AD/SB.	M31	N/A - fan blades part no. not affected	No
2015-02-20 (Superseded 2013-15-10)	SB72-AG085 Rev.2 SB72-AG264 Rev.5	Engine - IP Compressor Shaft - Visual Borescope Inspection of Balance Land	M32	CWR - SB72-AG085 Rev.2 was embodied and last shop visit removed the balance weights from the IPC shaft rear balance land and not re-installed balance weights on IPC shaft rear balance land	Yes - re-inspect at next shop visit refer to SB72- AG085 R.2
97-06-13R1	XXXXXX	Inspection of Master magnetic chip detectors (This AD was rescinded at Rev.1)	M33 & NM	XXXXXX	XXXXXX

Customer : 1  
 Engine type : RB211 TRENT 884-17  
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FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2001-26-11	SB72-C445 Rev.7	Ultrasonic inspection of the Fan Blade roots. Repeated at interval as specified in AD/SB	M31	N/A - fan blades part no. not affected	No
2004-13-11	SB72-D339 Rev.2	Engine - Inspection for LP turbine Shaft wear. Detail refer to SB & additional requirement as specified in AD	M33 & M51	N/A - post SB72-D495	No
2005-25-11 (Superseded 2004-15-02)	SB72-AE055 Rev.3 SB72-E044 Rev.2	LP Compressor blades. Inspection and rework iaw SB72-E044. Details reference to SB and referred at interval as specified in SB/AD	M31	N/A - fan blades part no. not affected	No

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
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FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2009-21-09 (Superseded 2003-15-06)	SB72-AE082 Rev.7	HP Compressor Drum-Life Management - HP Compressor Rotor Stage 6 loading slot cracking. Details reference to SB and repeated at interval as specified SB/AD. Detail ref. AD/SB	M41	CW - SB72-AE082 Rev.7	No
2006-05-01	SB79-AE964 Rev.0	Engine Oil Tank - Oil Filler Cap Assembly - Inspection/Replacement	NM	CW - checked serial no. not visible and "Notch" is present	No
2010-06-14	SB72-AE362 Rev.1	Engine Inspection of HP/IP Turbine Oil Vent Tube and Bearing Chamber for Carbon NM SB	M51	CWR (result : no carbon found) (refer to FAA AD AMOC letter dated May/31/2011)	Yes - re-inspect at every shop visit
2010-07-01 (Superseded 2009-24-05)	SB79-AG257 Rev.1	Oil - Fuel Oil Heat Exchanger - Introduction of a Fuel Oil Heat Exchanger Featuring a Revised Cooler Matrix	NM	N/A - post SB79-AG257	No

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order :  
 Date : 19 NOVEMBER 2019

Serial No.:

FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2010-20-11	SB72-AG086 Rev.0	Dressing of Titanium Compressor Shafts to FRS6625	M32 M41	N/A - IPC shaft serial no. & HPC shaft serial no. not affected	No
2012-18-07 (Superseded 2012-06-23)	SB72-AG244 Rev.4	LP Compressor Blades - Inspection of LP Compressor Blade Roots	M31	N/A - fan blades part no. not affected	No
2011-10-04	SB72-AF825 Rev.3	HP Compressor - Stage 1 to 4 Shaft - Life Reduction on FK32580	M41	CWR - SB72-AF825 Rev.3	Yes - HPC stage 1-4 drum multiple flight profile monitoring iaw AD & SB72-AF825 instruction
2013-19-21 (superseded 2012-04-13)	SB72-AF964 Rev.3	Engine - HP Compressor Drum - Inspection of Axial Dovetail Slots	M41	ICR - brand new HPC 1-4 drum fitted	Yes - re-inspect at next shop visit when drum stripped to piece part level & CSN greater than 1000 cycles iaw AD & SB72-AF964 instruction

Customer :  
 Engine type : RB211 TRENT 884-17  
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FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2011-22-07	SB72-AF458 Rev.4 or Rev.5	Engine - Borescope Inspection of Front Combustion Liner Inner Wall	M41	N/A - SB72-AG705 Rev.1 carried out refer to AMOC dated 06 Mar 2014	No
2011-26-08	SB73-AD685 Rev.6	LP Fuel Clip Fretage Inspection	NM	N/A - SB73-H814 embodied at this shop visit	No
2012-04-14	SB72-AG456 Rev.1	Repeat Borescope Inspection of Front Combustion Liner Head Section	M41	N/A - SB72-AG705 R.1 & SB72-AG456 R.2 carried out. Refer to AMOC dated 16 Nov 2016	No
2012-11-01	SB72-AG801 Rev.0	Life Limited Components - Changes to Time Limits Manual and Aircraft Maintenance Manual Resulting from Changes to the Trent 800 Flight Profiles	M31, M32, M33, M41, M51, M52	ICR - no operating beyond the heavy flight profile history	Yes - re-calculate the current life of each life limited critical part iaw. AD / SB instruction when operate beyond the heavy flight profile

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
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 Date : 19 NOVEMBER 2019

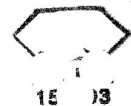
Serial No.: F

FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2012-17-04	SB72-AG795 Rev.0	IP Turbine Disc - Removal Due to Steel Contamination Concerns	M51	CW (checked - IPT disc serial no. not affect)	No
2014-13-02	SB72-G604 Rev.0 SB72-AG644 Rev.0	Engine - Exhaust Case - Introduction of a Revised LPT Exhaust Case and Support Assembly Featuring an Increased Wall Thickness of LP Bearing Support Flange	M52	CW (embodied SB72-AG644 at this shop visit)	No
2015-04-06	SB73-AH001 Rev.0	Fuel & Control - Engine Electronic Controller - Introduction of a Revised Standard of Engine Electronic Controller Software B7.2	NM	Unknown (EEC short released)	Yes - to be confirmed by operator
2016-24-08	SB72-AJ165 Rev.0	Upper Bifurcation Fairing Seal Face Inspection	NM	N/A - SB72-J803 embodied at this shop visit	No

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order :  
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Serial No..

FAA AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
2016-25-10	SB72-J195 Rev.0	HP Compressor Cases - Introduction of a HP Compressor Case Build Instruction With Revised Cold Build Clearance	M41	N/A - brand new HPC 1-4 drum fitted and embodied SB72-J195 at this shop visit	No
2017-08-11 (Superseded 2012-04-01)	NA	Life Limited Components - Changes to the Time Limits Manual and Aircraft Maintenance Manual Resulting from Changes to the Trent 800 Flight Profiles	M32 M41 M51	[M32 CWR - calculated the IPC rotor shaft life within the FAA AD 2017-08-11 table 1 limit and refer to log card] [M41 CW - refer to T800 TLM] [M51 CW - IPT disc P/N: FK33049 is not affected]	Yes - remove IPC rotor shaft before SDC exceed 12500 cycles refer FAA AD 2017-08-11 table 1
2018-18-15	SB72-AJ463 Rev.2	Engine - LP Compressor Case, A-Frame Hollow Location Pin - Replacement	NM	CW - new hollow pin fitted at this shop visit	No
2018-25-11	SB71-H824 Rev.0 (Engine) SB777-78-0071 Rev.2 (Aircraft) SB777-78-0082 Rev.1 (Aircraft)	Powerplant - Electrical Harness - EEC/Core Engine Lane A - Introduction of Re-Routed EEC/Core Engine Lane A Loom Assembly and LH Igniter Lead With Associated Clipping Changes	NM	N/A - this AD for Boeing 777-200 and -300 series airplanes only (note: engine is post SB71-H824 standard)	Yes - to be confirmed by operator



Signature & Stamp

Customer : NOKSCOOT  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order : 1390047  
 Date : 19 NOVEMBER 2019

Serial No.

**AIRWORTHINESS DIRECTIVES STATUS (ENGINE MARK: TRENT-800)**

**CAAThailand AD COMPLIANCE RECORD**

The Airworthiness Directives status of this engine was as following list :

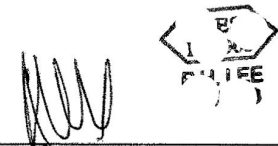
Symbol	Description	Definition
<b>CW</b>	Complied With	- Complied with at this visit.
<b>CWR</b>	Complied With - Repetitive Inspection	- Complied with at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated, or refer to the appropriate AD.
<b>ICR</b>	In Compliance - Repetitive Inspection	- In compliance at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated. The last inspection carried out should also be stated, or refer to the appropriate AD.
<b>N/A</b>	Not Applicable	- The aircraft / equipment / component / part are not affect by the AD. - A brief statement amplifying the reason of non-applicability is required.

Customer :  
Engine type : RB211 TRENT 884-17  
Engine S/N : 51340  
Sales Order :  
Date : 19 NOVEMBER 2019

Serial No.:

**\* - Record of the appropriate Compliance status.**

CAAThailand AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
XXXXXX	XXXXXX	No CAA Thailand AD are required to carry out at this module / mini-module	Engine	XXXXXX	XXXXXX



Signature & Stamp

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order :  
 Date : 19 NOVEMBER 2019

Serial No.

**AIRWORTHINESS DIRECTIVES STATUS (ENGINE MARK: TRENT-800)**

**CAA / 2a AD COMPLIANCE RECORD**

The Airworthiness Directives status of this engine was as following list :

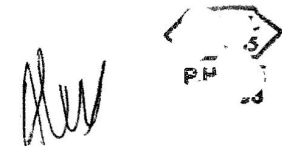
Symbol	Description	Definition
<b>CW</b>	Complied With	- Complied with at this visit.
<b>CWR</b>	Complied With - Repetitive Inspection	- Complied with at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated, or refer to the appropriate AD.
<b>ICR</b>	In Compliance - Repetitive Inspection	- In compliance at this visit, repetitive inspection is required. - Terminating action stated in AD requires repetitive Inspection. The date / hours / cycles of next inspections should be stated. The last inspection carried out should also be stated, or refer to the appropriate AD.
<b>N/A</b>	Not Applicable	- The aircraft / equipment / component / part are not affect by the AD. - A brief statement amplifying the reason of non-applicability is required.

Customer :  
 Engine type : RB211 TRENT 884-17  
 Engine S/N : 51340  
 Sales Order :  
 Date : 19 NOVEMBER 2019

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**\* - Record of the appropriate Compliance status.**

CAA Reference AD No.	Reference Publications	Description	Module applicability	Compliance Status / Remarks *	Recurring inspection requirement
XXXXXX	XXXXXX	No CAA Section 4 AD are required to carry out at this module / mini-module	Engine	XXXXXX	XXXXXX



Signature & Stamp

Customer :  
 Engine Type : RB211 TRENT 884-17  
 Engine S/N : 5  
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## **On Wing / In-Shop Monitor Items Sheet**

<u>Component</u>	<u>Requirement Reference</u>	<u>Repetitive Inspection &amp; others</u>
1 <u>Engine</u> Group A ( critical ) Parts - Focused inspections	EASA AD : G-2003-0003 FAA AD : 2004-19-08	re-inspect at next shop visit
2 <u>Engine</u> ATA 05 time limits - engine critical part lives	EASA AD : 2007-0003R1	life management required, refer to TLM
3 <u>Engine</u> Life limited components - changes to time limits manual and aircraft maintenance manual resulting from changes to the Trent 800 flight profiles	EASA AD : 2012-0051 FAA AD : 2012-11-01	re-calculate the current life of each life limited critical part iaw. AD / SB instruction when operate beyond the heavy flight profile
4 <u>Module 31</u> LP compressor blade C-scan inspection	RR SB72-H148	repeat inspect at each engine refurbishment
5 <u>Module 31</u> LP Compressor Blades - reapplication of dry film lubricant to blade roots	RR SB72-D347	re-apply for DFL refer to SB detail
6 <u>Module 32</u> IP Compressor rotor shaft and balance weights - inspection (SB72-AG085 Rev.2 was embodied and post SB72-AG401)	EASA AD : 2014-0152R1	re-inspect at next shop visit refer to SB72-AG085 Rev.2
7 <u>Module 32</u> IP Compressor shaft - visual borescope inspection of balance land  (SB72-AG085 Rev.2 was embodied and last shop visit removed the balance weights from the IPC shaft rear balance land and not re-installed balance weights on IPC shaft rear balance land)	FAA AD : 2015-02-20	re-inspect at next shop visit refer to SB72-AG085 Rev.2

Customer :  
Engine Type : RB211 TRENT 884-17  
Engine S/N : 51340  
Sales Order No. :  
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## **On Wing / In-Shop Monitor Items Sheet**

<u>Component</u>	<u>Requirement Reference</u>	<u>Repetitive Inspection &amp; others</u>
8 <u>Module 32</u> Life limited components - changes to time limits manual and aircraft maintenance manual resulting from changes to the Trent 800 flight profiles	FAA AD : 2017-08-11	remove IPC rotor shaft before SDC exceed 12500 cycles refer FAA AD 2017-08-11 table 1
9 <u>Module 41</u> HPC Drum - inspection of axial dovetail slots (fitted new stage 1-4 HPC disc)	EASA AD : 2013-0042 FAA AD : 2013-19-21	repeat inspection at next shop visit when drum stripped to piece part level & CSN greater than 1000 cycles iaw AD & SB72-AF964 instruction
10 <u>Module 41</u> HP Compressor - Stage 1 to 4 Shaft - Life Reduction on FK32580	FAA AD : 2011-10-04	HPC stage 1-4 drum multiple flight profile monitoring iaw AD & SB72-AF825 instruction
11 <u>Module 41</u> FSN - installation of FSN at overhaul	RR SB73-AF044 R.4	install replacement FSN iaw. SB73-AF044
12 <u>Module 51</u> IPT bearing - oil vent tube inspection (no carbon was found)	EASA AD : 2009-0071 FAA AD : 2010-06-14	re-inspect at every shop visit

Remark :

\* Requirement Reference other than AD no. can be found in the "Reference Publications" column in AD table/s

   
Signature & Stamp