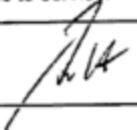


1. Approving Competent Authority / Country LBA/Germany		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1				3. Form Tracking Number 201300664	
4. Organisation Name and Address: 		MTU Maintenance Hannover GmbH Münchener Str. 31 30855 Langenhagen, Germany		Phone No. +49 (0) 511 7806 0 Fax No.: +49 (0) 511 7806 111 Site: HAJMTCR		5. Work Order/Contract/Invoice L.02772.01.00 RO49757	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work		
1	Fan Engine	CFM56-7B27/B3	1	876 170	REPAIRED		
12. Remarks Engine was disassembled, inspected, repaired, modified, reassembled and tested i.a.w. CFMI-TP-SM.10 Rev. 46, dated 15. Jul 2012, i.a.w. MTU SHG Rev.07, dated 20. June 2011 and per MTU workscope, dated 13. Dec 2012. TSN: 10 376 CSN: 3 530 Engine is time limited by HPT Disk S/N: GWNJA929 with 6770 hard cycles remaining, i.a.w. hard cycles limitation per CFMI ESM 05-11-03. For Further details of work see Shop Visit Report included AD Note Status and RMS. Engine is delivered with accessory-, missing parts- and open item list. See also GCAA # 201300680. <p style="text-align: right;">Return to service in accordance with FAR The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR part 43 and in respect to that work, the items are approved for return to service under certificate no. CQ5Y788M</p> <p style="text-align: right;">Customer: Royal Jet</p>							
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 checked="" 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. DE.145.0008	
13d. Name		13e. Date (dd mmm yyyy)		14d. Name Horst Beckert, MTU-SH 6		14e. Date (dd mmm yyyy) 22 Mar 2013	

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs works 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 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. General Civil Aviation Authority United Arab Emirates		2. AUTHORIZED RELEASE CERTIFICATE AW FORM 1			3. Form Tracking Number 201300680	
4. Organisation Name and Address		 MTU Maintenance Hannover GmbH Münchner Str. 31 30855 Langenhagen, Germany		Phone No. +49 (0) 511 7806 0 Fax No.: +49 (0) 511 7806 111 Site: HAJMTCR		5. Workorder/Contract/Invoice L.02772.01.00 RO49757
6. Item 1	7. Description Fan Engine	8. Part Number CFM56-7B27/B3	9. Qty. 1	10. Serial Number 876 170	11. Status/Work REPAIRED	
12. Remarks Engine was disassembled, inspected, repaired, modified, reassembled and tested i.a.w. CFMI-TP-SM.10 Rev. 46, dated 15. Jul 2012, i.a.w. MTU SHG Rev.07, dated 20. June 2011 and per MTU workscope, dated 13. Dec 2012. TSN: 10 376 CSN: 3 530 Engine is time limited by HPT Disk S/N: GWNJA929 with 6770 hard cycles remaining, i.a.w. hard cycles limitation per CFMI ESM 05-11-03. For Further details of work see Shop Visit Report included AD Note Status and RMS. Engine is delivered with accessory-, missing parts- and open item list. See also EASA Form 1 # 201300664. <p style="text-align: right;">Customer: Royal Jet</p>						
13a. Certifies that the items identified above 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			14a. <input checked="" type="checkbox"/> CAR 145.50 Release to Service <input type="checkbox"/> Other Regulation specified in block 13 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with CAR-145 and in respect to that work the items are considered ready for release to service.			
13b. Authorised Signature		13c. Approved/Authorised Number		14b. Authorised Signature		14c. Certificate/Approved Ref. Number DE.145.0008
13d. Name		13e. Date (dd mmm yy)		14d. Name Horst Beckert, MTU-SH 6		14e. Date (dd/mm/yy) 22 Mar 2013
USER/INSTALLER RESPONSIBILITIES 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 his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. 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.						

Date: 01 July 2011

FO RC-001-1

EFTA_R1_00013402

EFTA01734846



Accessory List - CFM56-7 / CFM56-7B27/B3

ENGINE S / N: 876 170 1.						CUSTOMER: ROJ					WORKORDER: L.02772.01.00					TSN: 10376		CSN: 3530		PAGE 1 OF 4
INCOMING						OUTGOING					VISUAL CHECK	FUNCTION CHECK	BENCH CHECK	REPAIRED	MODIFIED	OVERHAUL	NEW PART	REMARKS		
NOMENCLATURE	P/N	S/N	TSN	TSR / TSBC	TSO	P/N	S/N	TSN	TSR / TSBC	TSO										
SOLENOID,BLEED-CONTROL 710002 14 005	320548-2	MISSING																		
VALVE,PRECOOLER, CONTROL 710002 14 075	3289562-6	MISSING																		
BLEED AIR REGULATOR 710002 14 250	107492-6	MISSING																		
HIGH STAGE REGULATOR 710002 141 150	107484-7	MISSING																		
HIGH STAGE VALVE 710002 16 150	3214446-4	MISSING																		
CHECK VALVE 710002 16 250	3202222-1	MISSING																		
VALVE,PRESSURE REGULATING 710002 18 005	3214552-6	MISSING																		
ABEX HYDRAULIC PUMP 710002 202 015	66087	MISSING																		
HyDRAULIC FILTER 710002 21 005	7579078	13805	UNK	UNK	UNK	7579078	13805	UNK	UNK	UNK	X									
IDG 710002 221 050	761574B	MISSING																		
IDG AIR/OIL COOLER 710002 23 005	UA538551-3	1064	UNK	UNK	UNK	UA538551-3	1064	UNK	UNK	UNK	X									
START VALVE 710002 25 175	3289630-2	MISSING																		
SWITCH,PRESS,ANTI-ICE 710002 27 060	21SN41-52	X86480A	UNK	UNK	UNK	21SN41-52	X86480A	UNK	UNK	UNK	X									
VALVE,ANTI-ICE, ASSY 710002 27 225	3215618-4	MISSING																		
DETECTOR,FIRE,FAN,UP 710002 28 005	902864	2274	UNK	UNK	UNK	902864	2274	UNK	UNK	UNK	X									
DETECTOR,FIRE,FAN,LW 710002 28 010	902016-01	2125	UNK	UNK	UNK	902016-01	2125	UNK	UNK	UNK	X									
DETECTOR,FIRE,CORE,LH 710002 28 015	902862	2119	UNK	UNK	UNK	902862	2119	UNK	UNK	UNK	X									
DETECTOR,FIRE,CORE,RH 710002 28 020	902018-01	2267	UNK	UNK	UNK	902018-01	2267	UNK	UNK	UNK	X									
EXHAUST NOZZLE ASSY 710002 32 100	314A2610-1	0898	UNK	UNK	UNK	314A2610-1	0898	UNK	0	0	X									
EXHAUST PLUG ASSY 710002 321 005	314A2620-1	0898	UNK	UNK	UNK	314A2620-1	0898	UNK	UNK	UNK	X									
MOUNT ASSY-ENG,FWD 712137 020 001A	310A2020-5	ESN876170	UNK	UNK	UNK	310A2020-5	ESN876170	UNK	UNK	UNK					X					
AFT ENGINE MOUNT ASSY 712137 04 001	310A2030-11	913	UNK	UNK	UNK	310A2030-11	913	UNK	0	0					X					
SHIPPING STAND 720000 00 000	AM2811-4800	786	UNK	UNK	UNK	AM2811-4800	786	NA	NA	NA	X							Teststand		

EFTA_R1_00013403

ACC-List checked by: T.Claaßen (tescell items only)

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EFTA01734847



Accessory List - CFM56-7 / CFM56-7B27/B3

ENGINE S / N: 876 170 1.			CUSTOMER: ROJ			WORKORDER: L.02772.01.00			TSN: 10376		CSN: 3530		PAGE 2 OF 4					
INCOMING						OUTGOING					VISUAL CHECK	FUNCTION CHECK	BENCH CHECK	REPAIRED	MODIFIED	OVERHAUL	NEW PART	REMARKS
NOMENCLATURE	P/N	S/N	TSN	TSR / TSBC	TSO	P/N	S/N	TSN	TSR / TSBC	TSO								
HARNESS, MW0304 720000 05 010	325-035-201-0	YH311274-F	UNK	UNK	UNK	325-035-201-0	YH311274-F	UNK	UNK	UNK	X							
HARNESS, MW0303 720000 05 020	325-015-001-0	YH305768-6	UNK	UNK	UNK	325-015-001-0	YH305768-6	UNK	UNK	UNK	X							
HARNESS, MW0301 720000 05 030	325-035-501-0	YH296231-T	UNK	UNK	UNK	325-035-501-0	YH296231-T	UNK	UNK	UNK	X							
HARNESS, MW0302 720000 05 040	325-026-901-0	YH301239-W	UNK	UNK	UNK	325-026-901-0	YH301239-W	UNK	UNK	UNK	X							
HARNESS, MW0313 720000 05 050	325-026-801-0	YH326267-R	UNK	UNK	UNK	325-026-801-0	YH326267-R	UNK	UNK	UNK	X							
HARNESS, MW0311 720000 05 180	325-029-902-0	YH316226-W	UNK	UNK	UNK	325-029-902-0	YH316226-W	UNK	UNK	UNK	X							
HARNESS, MW0312 720000 05 190	325-045-301-0	EM278694-5	UNK	UNK	UNK	325-045-301-0	EM278694-5	UNK	UNK	UNK	X							
SENSOR, VIB.FFCC 720000 05 270	144-187-000-011	YV160497-B	UNK	UNK	UNK	144-187-000-011	YV160497-B	UNK	0	UNK			X					
HARNESS, MW0315 720000 07 090	325-027-303-0	EM289302-D	UNK	UNK	UNK	325-027-303-0	EM289302-D	UNK	UNK	UNK	X							
HARNESS, MW0316 720000 07 140	325-027-403-0	YH340584-R	UNK	UNK	UNK	325-027-403-0	YH340584-R	UNK	UNK	UNK	X							
HARNESS-MW0325 720000 07 270	CA243-01	0108	UNK	UNK	UNK	Missing												
HARNESS,F/DET 720000 07 540	CA244-01	0091	UNK	UNK	UNK	8960-02-001	0091	UNK	UNK	UNK	X							
SENSOR-OIL LVL 720000 07 585	8TJ146CFA1	YE010939-B	UNK	UNK	UNK	8TJ146CFA1	YE010939-B	UNK	UNK	UNK	X							
HARNESS,J9 720000 10 020	325-025-202-0	YH235785-L	UNK	0	UNK	325-025-202-0	YH235785-L	UNK	0	UNK			X					
HARNESS,J10 720000 10 040	325-034-802-0	YH241223-G	UNK	UNK	UNK	325-034-802-0	YH241223-G	UNK	UNK	UNK	X							
PROBE-T12 720000 10 150	RP235-00	YC061258-Y	UNK	UNK	UNK	RP235-00	YC061258-Y	UNK	UNK	UNK	X							
SENSOR, OIL TEMPERATURE 720000 10 160	RP238-00	YC096183-W	UNK	UNK	UNK	RP238-00	YC096183-W	UNK	UNK	UNK	X							
HARNESS J6 720000 10 190	325-035-002-0	YH220732-Y	UNK	UNK	UNK	325-035-002-0	YH220732-Y	UNK	UNK	UNK	X							
HARNESS J5 720000 10 200	325-034-902-0	YJ216278-R	UNK	UNK	UNK	325-034-902-0	YJ216278-R	UNK	UNK	UNK	X							
SENSOR-OPRS 720000 10 210	APTE8A20007BAR RD	YK011018-1	UNK	UNK	UNK	APTE8A20007BAR RD	YK011018-1	UNK	UNK	UNK	X							
HARNESS J7 720000 10 240	325-025-702-0	YH225672-B	UNK	UNK	UNK	325-025-702-0	YH225672-B	UNK	UNK	UNK	X							
HARNESS J8 720000 10 250	325-025-803-0	YH231164-Y	UNK	UNK	UNK	325-025-803-0	YH231164-Y	UNK	UNK	UNK	X							
HARNESS C,J9 720000 10 550	325-027-701-0	YH248064-C	UNK	UNK	UNK	325-045-501-0	YH650213-Y	0	0	0							X	EXCHANGE PART

EFTA_R1_00013404

Accessory List - CFM56-7 / CFM56-7B27/B3

ENGINE S / N: 876 170 1.						CUSTOMER: ROJ					WORKORDER: L.02772.01.00					TSN: 10376		CSN: 3530		PAGE 4 OF 4	
INCOMING						OUTGOING					VISUAL CHECK	FUNCTION CHECK	BENCH CHECK	REPAIRED	MODIFIED	OVERHAUL	NEW PART	REMARKS			
NOMENCLATURE	P/N	S/N	TSN	TSR / TSBC	TSO	P/N	S/N	TSN	TSR / TSBC	TSO											
VALVE-HP CLEARANCE 720002 40 330	3291186-5	GRTG4583	10376	10376	10376	3291186-5	GRTG4583	10376	0	0											
VALVE, TRANSIENT BLEED 720002 40 570	3291390-1	GRTG6120	10376	10376	10376	3291390-1	GRTG6120	10376	0	10376						X					
VALVE-LPTACC 720002 40 640	C24937001-1	YR011036-C	10376	10376	10376	C24937001-1	YR011036-C	10376	0	10376				X							
SENSOR-TEMP, CPRSR DISCH 720002 45 250	8TC19AAN1	GDBE595F	UNK	UNK	UNK	8TC19AAN1	GDBE595F	UNK	UNK	UNK	X										
VALVE-ANTI SIPHON 722300 05 520	340-400-203-0	YT016027-8	UNK	UNK	UNK	340-400-203-0	YT016027-8	UNK	UNK	UNK	X										
ACTUATOR VBV L/H 722300 25 010	7074-200	YU022106-9	10376	10376	10376	7074-300	YU022106-9	10376	0	0						X					
ACTUATOR VBV R/H 722300 25 080	7074-300	YU021347-K	UNK	UNK	UNK	7074-300	YU021347-K	UNK	0	0						X					
STATOR, ALTERNATOR(506569-1) 732130 01 010	87006-9	HTL12119	10376	10376	10376	87006-9	HTL12119	10376	0	10376				X							
EEC 732160 01 012	1853M33P06	LMDN5090	7685	6662	6662	1853M33P06	LMDN5090	7685	0	6662			X		X						
TRANSMITTER, FUEL FLOW 733110 01 010	8TJ167GHM1	GDB1505M	10376	10376	10376	8TJ167GHM1	GDB1505M	10376	10376	10376	X										
EXCITER-IGN LOWER 740000 01 010A	10-631045-2	UNNER497	UNK	UNK	UNK	10-631045-3	UNNER497	UNK	0	0					X	X					
ACTUATOR,VSV,R/H 753210 01 010	1211313-010	APMMF265	10376	10376	10376	1211313-010	WJ788	0	0	0							X	EXCHANGE PART			
TANK OIL 791120 01 010	340-403-802-0	YT011038-M	10376	10376	10376	340-403-802-0	YT011088-M	10376	10376	10376	X										
SWITCH,OIL FILT.PRESS.DIF 792140 01 110	QA07656ISS1	RV10-6476	UNK	UNK	UNK	QA07656ISS1	RV10-6476	UNK	UNK	UNK	X										
STARTER-AIR TURB 801110 01 010	3505945-10	GRTA2851C	3428	1451	3428	3505945-10	GRTA2851C	3428	1451	3428	X				X						

ACC-List checked by: T.Claaßen (tescell items only)

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MTU-H Form: FO SH251 29.01.2006 Rev.: 00



CFM 56-7 Missing Parts List

REFERENCE ENGINE IPC AND POWER PLANT BUILD UP MANUAL

ENGINE S/N:876 170 1.

CUSTOMER: ROJ

W.O.: L.02772.01.00

No.	IPC Reference	Description	Part No.	Quantity		
				MISSING AT CHECK IN	INSTALLED DURING SHOP VISIT	MISSING AT CHECK OUT
Boeing Powerplant Buildup Manual Document D633A106-HAP Rev.43 dated 15. Jun 2012						
1	71-00-02 25-1-175	Valve Starter Air	3289630-2	1	0	1
2	71-00-02 25-1-180	Seal	AS1895-7-300	1	0	1
3	71-00-02 25-1-185	Coupling	30645-300	1	1	0
4	71-00-02 25-1-200	Pressure CAp	MS21914-4J	1	0	1
5	71-00-02 25-1-255	Seal	AS1895-7-300	1	0	1
6	71-00-02 25-1-260	Coupling	30645-300	1	1	0
7	26-11-00-01-350	Harnes MW0325	CA243-01 (340-406-801-0)	0	0	1

CHECK IN DATE: 13- Dec- 2012

NAME: Lange

CHECK OUT DATE: 21- Mar- 2013

NAME: Claaßen

EFTA_R1_00013407