

**1- IDENTIFICATION.**

<b>Manufacture.</b>	<b>BOEING</b>
<b>Type and model.</b>	<b>B 737-800 NG</b>
<b>Date of manufacture.</b>	<b>2006</b>
<b>Aircraft Total Time</b>	<b>19,065</b>
<b>Max. T.O Weight</b>	<b>79,016 kg -174.200 lbs</b>
<b>Max.Landing Weight</b>	<b>65,317 kg- 144.000 lbs</b>

**2- AIRFRAME**

<b>C-Check Status</b>	<b>Fresh</b>
<b>Current interior</b>	<b>12B/156Y</b>

**3-ENGINES.**

<b>Manufacture.</b>		<b>General Electric CO</b>	
<b>Type and model</b>	<b>CFM56-7B</b>	<b>Thrust rating</b>	<b>26300</b>
<b>Position</b>	<b>1(L/H) 303808</b>	<b>2(R/H) 894245</b>	
<b>Total TSN (Flt hrs)</b>	<b>15383</b>	<b>18398</b>	
<b>Total CSN (landings)</b>	<b>9467</b>	<b>11268</b>	

**4-APU**

<b>Manufacture</b>	<b>Honeywell co inc</b>
<b>Type and model</b>	<b>131-9B</b>
<b>Serial number</b>	<b>P-7270</b>
<b>TTSN</b>	<b>14322</b>
<b>TCSN</b>	<b>15763</b>

**5- LANDING GEAR.**

	<b>Nose</b>	<b>Left MAIN</b>	<b>Right MAIN</b>
<b>Part number</b>	<b>162A1100-9</b>	<b>161A1100-39</b>	<b>161A1100-40</b>
<b>Serial number</b>	<b>MAL01233Y2074</b>	<b>MAL04231Y2074</b>	<b>MAL04232Y2074</b>
<b>Next O/H due</b>	<b>01/10/2016</b>	<b>01/10/2016</b>	<b>01/10/2016</b>

<b>Description</b>	<b>Vender</b>	<b>Part number</b>	<b>QTY</b>
<b>Buffet/Galley:</b>			
<b>CLOSET</b>	<b>SELL GMBH</b>	<b>1058C13A0000</b>	<b>00</b>
<b>GALLEY G1</b>	<b>SELL GMBH</b>	<b>1058C11A0000 0</b>	<b>00</b>
<b>GALLEY G2</b>	<b>SELL GMBH</b>	<b>1058C12A0000 0</b>	<b>00</b>
<b>GALLEY G4B</b>	<b>SELL GMBH</b>	<b>1058C21A0000 0</b>	<b>00</b>
<b>CHILLER B E</b>	<b>Aerospace</b>	<b>374-8</b>	<b>00</b>
<b>AIR CHILLER B E</b>	<b>Aerospace</b>	<b>377-501</b>	<b>00</b>
<b>Navigation Equipment</b>			
<b>COUPLER-HF ANTENNA</b>	<b>Rockwell Collins Inc.</b>	<b>822-0987-004</b>	<b>00</b>
<b>HF Communication Transceiver</b>	<b>Rockwell Collins Inc.</b>	<b>822-0990-004</b>	<b>00</b>
<b>VHF Communications Transceiver</b>	<b>Rockwell Collins Inc.</b>	<b>822-1287-101</b>	<b>08</b>
<b>ANTENNA-VHF</b>	<b>AIL SYSTEMS INC</b>	<b>DM C50-17</b>	<b>08</b>
<b>SELCAL Decoder</b>	<b>AVTECH CORPORATION</b>	<b>NA138-714C</b>	<b>00</b>
<b>Multi-mode Reciever (MMR) - ILS/GPS</b>	<b>Rockwell Collins Inc.</b>	<b>822-1821-001</b>	<b>06</b>
<b>Traffic Alert and Collision Avoidance System (TCAS)  Antenna</b>	<b>Rockwell Collins Inc.</b>	<b>622-8973-001</b>	<b>06</b>
<b>FMC OPS DISK SET INC</b>	<b>SMITH INDUSTRIES IND SLI AV</b>	<b>10-62225-1015</b>	<b>00</b>
<b>CONTROL PANEL- AUDIO SELECTOR</b>	<b>AVTECH CORPORATION</b>	<b>5145-1-77</b>	<b>08</b>

<b>Description</b>	<b>Vender</b>	<b>Part number</b>	<b>QTY</b>
<b>Navigation Equipment cont :</b>			
<b>Traffic Alert and Collision Avoidance System (TCAS) Computer</b>	<b>Rockwell Collins Inc.</b>	<b>822-1293-003</b>	<b>00</b>
<b>Air Traffic Control (ATC) Transponder</b>	<b>Rockwell Collins Inc.</b>	<b>822-1338-003</b>	<b>02</b>
<b>ATC/TCAS Control Panel</b>	<b>Gables Engineering</b>	<b>G6992-02</b>	<b>00</b>
<b>VOR/MKR L, R</b>	<b>Rockwell Collins Inc.</b>	<b>822-0297-001</b>	<b>02</b>
<b>DME Interrogator</b>	<b>Rockwell Collins Inc.</b>	<b>822-0329-001</b>	<b>02</b>
<b>ADF Control Panel</b>	<b>Gables Engineering</b>	<b>G7403-03</b>	<b>00</b>
<b>Automatic Direction Finder (ADF) Receiver</b>	<b>Rockwell Collins Inc.</b>	<b>822-0299-00 1</b>	<b>02</b>
<b>Automatic Direction Finder (ADF) Antenna</b>	<b>Rockwell Collins Inc.</b>	<b>822-5404-001</b>	<b>02</b>
<b>Radio Altimeter (RA) Transceiver</b>	<b>Rockwell Collins Inc.</b>	<b>822-0334-002</b>	<b>02</b>
<b>Weather Radar Antenna Drive</b>	<b>Rockwell Collins Inc.</b>	<b>622-5135-802</b>	<b>00</b>
<b>Weather Radar Flat Plate Antenna</b>	<b>Rockwell Collins Inc.</b>	<b>622-5137-601</b>	<b>00</b>
<b>Weather Radar Transceiver</b>	<b>Rockwell Collins Inc.</b>	<b>822-1710-001</b>	<b>00</b>
<b>Weather Radar Control Panel, Single</b>	<b>Honeywell</b>	<b>622-5129-802</b>	<b>00</b>
<b>DFDR Accelerometer</b>	<b>Honeywell</b>	<b>971-4193-001</b>	<b>00</b>

<b>Solid State Digital Flight Data Recorder</b>	<b>Honeywell</b>	<b>980-4700-042</b>	<b>00</b>
<b>DFDAU MANDATORY</b>	<b>Honeywell</b>	<b>963-2000-025</b>	<b>00</b>
<b>DFDAU 429 BROADCAST</b>	<b>Honeywell</b>	<b>963-2100-025</b>	<b>00</b>
<b>ACMS SYSTEM APP INC</b>	<b>Honeywell</b>	<b>963-2200-016</b>	<b>00</b>
<b>Digital Flight Data Acquisition Unit</b>	<b>Honeywell</b>	<b>967-0212-002</b>	<b>00</b>
<b>ACMS System/App SW</b>	<b>Honeywell 1</b>	<b>998-2172-527</b>	<b>00</b>
<b>DFDAU Mandatory/App SW</b>	<b>Honeywell</b>	<b>998-2512-504</b>	<b>00</b>

<b>Description</b>	<b>Vender</b>	<b>Part number</b>	<b>QTY</b>
<b>Navigation Equipment cont :</b>			
<b>DFDAU 429 BROADCAST INC: S/W</b>	<b>Honeywell</b>	<b>998-2513-504</b>	<b>00</b>
<b>Airborne Data Loader</b>	<b>Honeywell</b>	<b>964-0401-016</b>	<b>00</b>
<b>Printer, Multi-Input, ARINC 740</b>	<b>Honeywell</b>	<b>8055515-4507</b>	<b>00</b>
<b>AIRSHOW 4200 - DIGITAL INTERFACE UNIT</b>	<b>AIRSHOW INC</b>	<b>925010-100</b>	<b>00</b>
<b>REMOTE ELECTRONICS UNIT</b>	<b>AVTECH CORPORATION</b>	<b>01-01-5340</b>	<b>00</b>
<b>PUBLIC ADDRESS AMPLIFIER</b>	<b>ROCKWELL COLLINS AIR TRANSP</b>	<b>622-5342-101</b>	<b>00</b>
<b>ANTENNA-GPS ACTIVE</b>	<b>SENSOR SYSTEMS, INCORPORATE</b>	<b>S67-1575-133</b>	<b>06</b>
<b>GROUND PROXIMITY WARNING COMPUTER</b>	<b>Honeywell</b>	<b>965-1690-052</b>	<b>00</b>
<b>CONTROL PANEL- EFIS</b>	<b>HONEYWELL</b>	<b>4082730-901</b>	<b>06</b>
<b>MCDU-FMS</b>	<b>SMITH INDUSTRIES IND SLI AV</b>	<b>174101-03-01</b>	<b>06</b>
<b>FLIGHT MANAGEMENT COMPUTER</b>	<b>SMITH INDUSTRIES IND SLI AV</b>	<b>176200-01-01</b>	<b>06</b>
<b>VOR MARKER BEACON RECEIVER</b>	<b>ROCKWELL INTL CORP COLLINS</b>	<b>822-0297-001</b>	<b>06</b>
<b>ANTENNA- MARKER BEACON</b>	<b>AIL SYSTEMS INC</b>	<b>DMN27-2</b>	<b>00</b>
<b>MODULE-STALL WARNING</b>	<b>BAE SYSTEMS CONTROL</b>	<b>69-75978-1</b>	<b>00</b>
<b>MODULE-AURAL WARNING</b>	<b>BAE SYSTEMS CONTROL</b>	<b>69-78214-3</b>	<b>00</b>

<b>Description</b>	<b>Vender</b>	<b>Part number</b>	<b>QTY</b>
<b>Air Conditioning :</b>			
<b>OUTFLOW VALVE</b>	<b>NORD-MICRO ELEKTRONIK FEINM</b>	<b>21230-03AC</b>	<b>00</b>
<b>CABIN PRESSURE CONTROL MODULE</b>	<b>NORD-MICRO ELEKTRONIK FEINM</b>	<b>21933-01AC</b>	<b>06</b>
<b>ZONE TEMP CONTROL</b>	<b>HONEYWELL ASCA INC</b>	<b>622814-5</b>	<b>06</b>
<b>Auto Flight :</b>			
<b>RESOLVER ASSY- AUTOTHROTTLE</b>	<b>KEARFOTT GUIDANCE AND NAVIG</b>	<b>CU09644003</b>	<b>06</b>
<b>FLIGHT CONTROL COMPUTER</b>	<b>ROCKWELL COLLINS AIR TRANSP</b>	<b>822-1604-101</b>	<b>06</b>
<b>MODE CONTROL PANEL-AUTOPILOT</b>	<b>ROCKWELL COLLINS AIR TRANSP</b>	<b>822-1567-102</b>	<b>00</b>
<b>Eletrical power:</b>			
<b>BATTERY CHARGER</b>	<b>ELDEC CORPORATION</b>	<b>8-930-03</b>	<b>06</b>
<b>GENERATOR CONTROL UNIT</b>	<b>HAMILTON SUNDSTRAND CORP</b>	<b>762185H</b>	<b>08</b>
<b>STATIC INVERTER</b>	<b>AVIONIC INSTRUMENTS INC</b>	<b>1-002-0102- 2090</b>	<b>00</b>
<b>Flight control</b>			
<b>FEEL COMPUTER</b>	<b>MOOG INC MOOG AIRCRAFT GRO</b>	<b>162700-100</b>	<b>00</b>
<b>STALL MANAGEMENT YAW DAMPER  COMPUTER</b>	<b>BAE SYSTEMS CONTRO</b>	<b>285A1010-7</b>	<b>06</b>
<b>Fuel system :</b>			
<b>IND-FUEL QUANTITY</b>	<b>BF GOODRICH AEROSPACE AIRCR</b>	<b>10037-0770</b>	<b>08</b>
<b>Ice &amp; Rain Protection :</b>			
<b>WINDOW HEAT CONTROL UNIT</b>	<b>KOITO MFG CO LTD</b>	<b>83000-05604</b>	<b>03</b>

<b>Description</b>	<b>Vender</b>	<b>Part number</b>	<b>QTY</b>
<b>Emergency Equipment :</b>			
<b>Emergency Locator Transmitter (ELT) PORTABLE</b>	<b>Honeywell Inc.</b>	<b>1151324-1M642</b>	<b>00</b>
<b>Emergency Locator, Control Panel FIXED TYPE</b>	<b>Artex Aircraft Supplies Inc.</b>	<b>453-0161</b>	<b>00</b>
<b>Cockpit Voice Recorder</b>	<b>Alliedsignal Avionics Inc.</b>	<b>980-6022-001</b>	<b>00</b>
<b>Gloves, Fire</b>	<b>Northstar International</b>	<b>2993</b>	<b>00</b>
<b>Life Vest, Crew</b>	<b>Air Cruisers Co.</b>	<b>63600-505</b>	<b>08</b>
<b>Smoke Hood</b>	<b>L'Air Liquide</b>	<b>15-40-F-11</b>	<b>00</b>
<b>Life Vest,</b>	<b>Adult/Child Air Cruisers Co.</b>	<b>63600-105</b>	<b>073</b>
<b>Life Vest, Crew</b>	<b>Air Cruisers Co.</b>	<b>63600-505</b>	<b>02</b>
<b>Seat Belt</b>	<b>AM Safe</b>	<b>2011-1-511-2251</b>	
<b>Seat Belt, Extension</b>	<b>AM Safe</b>	<b>2011-2-011-2251</b>	
<b>Seat Belt, Extension, Demo</b>	<b>AM Safe</b>	<b>2011-6-011-2251</b>	
<b>Oxygen Mask</b>	<b>Scott Aviation Co.</b>	<b>28301-02</b>	<b>06</b>
<b>Oxygen Mask, Demo</b>	<b>Scott Aviation Co</b>	<b>289-1002</b>	
<b>Life Vest, Demo</b>	<b>Air Cruisers Co</b>	<b>63914-101</b>	<b>06</b>
<b>Megaphone</b>	<b>Federal Signal Corp</b>	<b>A12SA</b>	<b>06</b>
<b>Flashlight and Bracket</b>	<b>DME Corporation</b>	<b>P2-07-0001-214</b>	<b>03</b>
<b>First Aid Kit (FAK)</b>			<b>08</b>

		DATE	22/04/2016
CFM56-7B26G ENGINE LIFE LIMITED PARTS LIST		A/C CSN:	11669
		ENG CSN:	9466
		CSO:	-
AIRCRAFT:		CSLSV:	19062 670
POSITION:	# 1	CSLHSI:	-
ENGINE P/N:	CFM56-7B26	CSR:	15355 670
ENGINE S/N:	894303	TSO:	-
		TSLSV:	1032
		TSLHSI:	-
		TSR:	1032

item	Description	Part Number	Serial Number	Total Hours	Total Cycles	Cycle Life limit	Remaining Cycles	REFERNCE
<b>FAN ROTOR</b>								
211	BOOSTER SPOOL	340-000-816-0	BC503282	15355	9466	23600	14134	
213	FAN DISK	340-000-420-0	DD363406	15355	9466	30000	20534	ESM-SM.10R42 JUL15,2010
221	FAN SHAFT	335-006-414-0	DC916939	15355	9466	30000	20534	
<b>HPC ROTOR</b>								
312	HPC ROTOR FORWARD SHAFT	1386M56P03	GWN0DNFN	15355	9466	20000	10534	
313	HPC ROTOR SPOOL STG 1 AND 2	1558M31G04	GWN0DP9F	15355	9466	20000	10534	
314	HPC ROTOR DISK STG 3	1590M59P01	XAEH4721	15355	9466	20000	10534	
315	HPCR SPOOL ASSY STG 4-9	1588M89G03	GWN0DMMT	15355	9466	20000	10534	
316	CDP ROTATING REAR AIR SEAL	1523M35P01	GFF5DE20	15355	9466	18600	9134	
<b>HPT ROTOR</b>								
521	HPT ROTOR FRONT SHAFT	1873M73P01	XAEH1993	15355	9466	17600	8134	ESM-SM.10R40 JUL15,2009
522	HPT FRONT ROTATING AIR SEAL	1795M36P02	GWN0DRLN	15355	9466	17600	8134	
525	HPT ROTOR DISK	1498M43P06	GWN0E007	15355	9466	20000	10534	
526	HPT REAR SHAFT	1864M90P04	TMT1B701	15355	9466	20000	10534	
527	HPT ROTOR BLADE	1957M10P03		15355	9466	20000	10534	SB72-0821
<b>LPT ROTOR</b>								
542	LPT ROTOR DISK STG 1	336-001-804-0	DD435744	15355	9466	25000	15534	
543	LPT ROTOR DISK STG 2	336-001-909-0	DD363864	15355	9466	25000	15534	
544	LPT ROTOR DISK STG 3	336-002-006-0	BC817227	15355	9466	25000	15534	
545	LPT ROTOR DISK STG 4	336-002-105-0	DD435788	15355	9466	25000	15534	
546	LPT ROTOR SUPPORT	338-077-502-0	BC656757	15355	9466	25000	15534	
551	LP TURBINE SHAFT	340-074-723-0	BC828712	15355	9466	25000	15534	
561	LPT FRAME	340-166-210-0	LA118374	32282	18879	25000	6121	

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CFM56-7B26 ENGINE LIFE LIMITED PARTS  
LIST

DATE	22/04/2016
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A/C CSN:	11669
ENG CSN:	11267
CSO:	-
CSLSV:	268
CSLHSI:	-
CSR:	268

AIRCRAFT:		A/C TSN:	19062
POSITION:	# 2		
ENGINE P/N:	CFM56-7B26	ENG TSN:	18394
ENGINE S/N:	894245	TSO:	-
		TSLSV:	364
		TSLHSI:	-
		TSR:	364

item	Description	Part Number	Serial Number	Total Hours	Total Cycles	Cycle Life limit	Remaining Cycles	REFERENCE
<b>FAN ROTOR</b>								
211	BOOSTER SPOOL	340-000-816-0	BC746198	18394	11267	23600	12333	
213	FAN DISK	340-000-420-0	DD362961	18394	11267	30000	18733	ESM-SM.10R42 JUL15,2010
221	FAN SHAFT	335-006-414-0	DD435748	18394	11267	30000	18733	
<b>HPC ROTOR</b>								
312	HPC ROTOR FORWARD SHAFT	1386M56P03	GWNODK08	18394	11267	20000	8733	
313	HPC ROTOR SPOOL STG 1 AND 2	1558M31G04	GWNODJGH	18394	11267	20000	8733	
314	HPC ROTOR DISK STG 3	1590M59P01	XAEH4542	18394	11267	20000	8733	
315	HPCR SPOOL ASSY STG 4-9	1588M89G03	GWNODJGC	18394	11267	20000	8733	
316	CDP ROTATING REAR AIR SEAL	1523M35P01	GFF5DA88	18394	11267	18600	7333	
<b>HPT ROTOR</b>								
521	HPT ROTOR FRONT SHAFT	1873M73P01	XAEH2009	18394	11267	17600	6333	ESM-SM.10R40 JUL15,2009
522	HPT FRONT ROTATING AIR SEAL	1795M36P02	GWNODJ7L	18394	11267	17600	6333	
525	HPT ROTOR DISK	1498M43P06	GWNODJ2P	18394	11267	20000	8733	
526	HPT REAR SHAFT	1864M90P04	TMT1B757	18394	11267	20000	8733	
527	HPT ROTOR BLADE	1957M10P03		18868	9114	20000	10886	SB72-0821
<b>LPT ROTOR</b>								
542	LPT ROTOR DISK STG 1	336-001-804-0	DD435736	18394	11267	25000	13733	
543	LPT ROTOR DISK STG 2	336-001-909-0	DD363507	18394	11267	25000	13733	
544	LPT ROTOR DISK STG 3	336-002-006-0	DD132033	18394	11267	25000	13733	
545	LPT ROTOR DISK STG 4	336-002-105-0	BC701353	18394	11267	25000	13733	
546	LPT ROTOR SUPPORT	338-077-502-0	DD131422	18394	11267	25000	13733	
551	LP TURBINE SHAFT	340-074-723-0	BC813327	18394	11267	25000	13733	
561	LPT FRAME	340-166-210-0	DC064889	18394	11267	25000	13733	

**Prepar Ftaim Derwish**

**Revised By: Mustafa Elgaedi**

**Approved By: Engineering & planning Chief**







# MTU Maintenance : ACCEPTANCE TEST RECORD CFM56-7B 26

## 6. Overall Engine Performance

Target Corrected Performance :

	N1K (RPM)	N2K3 (RPM)	EGTK3 (°F)	FNK3 (Lbf)	WFK3 (PPH)	W2K3 (Lb/s)	SFCK3 (Lb/Lb/h)	WEAVG (PPH)
Max. Continuous	5042	14353	1506	26417	10031	782	0,37712	9686
Take Off	5081	14378	1517	26811	10263	788	0,37969	9866

Hot Day ( 77 °F ) Performance at Max. Continuous Target Fan Speed 5042 RPM

N2 : 14531 RPM      EGT : 1566,2 °F

Hot Day ( 86 °F ) Performance at Take Off Target Fan Speed 5081 RPM (including N1 Modifier influence)

N2 : 14623 RPM      EGT : 1600,0 °F      FNMAR : 1,13 %

N2MAR : 1,11 %      EGT Margin : 84,0 °F 46,7 °C      \* SFCMAR : -2,90 %

Workscope Corrected EGT Margin : 102,0 °F 56,7 °C

## 7. Supplementary Information

Engine Identification Plug : 0 Installed for Testrun (Neutral)

IDG Oil Cooler installed : YES

Combuster Type : SAC

N1 Modifier Level : 2

Balance Weights Installed During Fan Trim Balance

Internal Weights on Fan Disk :	Class P	on Position	Class P	on Position
External Weights in Spinner Cone :	Class P0	3 on Position	Class P0	5 on Position
	Class P0	3 on Position	Class P0	on Position
	Class P0	on Position		

## 8. Additional Information

- Oil Filter, Fuel Filter and MCD's checked after Test
- Engine Fuel and Oilsystem preserved for 365 Days

\* Hot Day SFCMAR not modified

Test Engineer : Claassen, Thorsten

