



**TECHNICAL SPECIFICATION**

**BOEING 747-400 (BCF)**

**ISSUE DATE: 01-JUN-2023**

## 1 - AIRCRAFT GENERAL DESCRIPTION

MANUFACTURER	• BOEING
MODEL	• B747-412BCF
TYPE CERTIFICATE NUMBER	•
SERIAL NUMBER	•
REGISTRATION	•
MANUFACTURER LINE NUMBER	•
OPERATOR EFFECTIVITY NUMBER	•
DATE OF MANUFACTURE	• 21 FEB, 1991
BUILD SPECIFICATION	•

## 2 - AIRCRAFT OPERATING WEIGHTS

MAXIMUM TAXI WEIGHT	• 395,986 KG
MAXIMUM TAKE OFF WEIGHT	• 394,625 KG
MAXIMUM LANDING WEIGHT	• 295,742 KG
MAXIMUM ZERO FUEL WEIGHT	• 276,691 KG
FUEL CAPACITY(WITHOUT HORIZONTAL STABILIZER FUEL TANK)	• 53,864 GALLONS

## 3 - AIRCRAFT MAINTENANCE STATUS

STATUS DATE	• 1 JUN, 2023
AVERAGE AIRCRAFT UTILIZATION	• 8.7 FH AND 1.1 FC PER DAY

### 3.1 - AIRFRAME

TOTAL HOURS	• 88,879.8 HOURS
TOTAL CYCLES	• 15,084 CYCLES
LAST "C" CHECK - C01	• 22 JUL, 2021
LAST "D" CHECK - D03	• 25 JUL, 2019

### 3.2 - ENGINES (SEE ANNEX A)

MANUFACTURER	• PRATT & WHITNEY
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### 3.3 - AUXILIARY POWER UNIT (APU HOURS)

MANUFACTURER	• PRATT & WHITNEY
MODEL / SERIAL NUMBER	• PW901A
MAINTENANCE TYPE	• ON CONDITION
PARTNR	• 3910001-03/ PW901A
S/N	•

### 3.4 - LANDING GEAR

	NOSE LG	LEFT WING	LEFT BODY	RIGHT WING	RIGHT BODY
PART NO.	• 162U1000-63	• 161U1000-109	• 163U1000-83	• 161U1000-90	• 163U1000-84
SERIAL NO.	• CP000830	• BFG002269	• CP001723	• CP002100	• BFG002596
INSTALLATION DATE	• NOV, 2022	• IN SHOP	• NOV, 2022	• NOV, 2022	• NOV, 2022
OVERHAUL INTVL. CALENDAR	• 120 MONTHS	• 120 MONTHS	• 120 MONTHS	• 120 MONTHS	• 120 MONTHS
LAST OVERHAUL PERFORMED	• AUG, 2018	• IN SHOP	• JAN, 2015	• JAN, 2015	• JAN, 2015
DUE FOR OVERHAUL	• AUG, 2028	• JAN 2033	• JAN, 2025	• JAN, 2025	• JAN, 2025

## 4 - CONFIGURATION

### 4.1 - MAINTENANCE REQUIREMENT

CHECK	MAX INTERVAL	EFFECTIVE DATE
PRE-FLIGHT	<ul style="list-style-type: none"><li>THE PRE-FLIGHT INSPECTION REMAINS VALID UNTIL THE NEXT FLIGHT OR FOR 2 HOURS GROUND TIME AFTER ACCOMPLISHMENT.</li></ul>	<ul style="list-style-type: none"><li>AS REVISED</li></ul>
DAILY	<ul style="list-style-type: none"><li>48 HOURS ELAPSED</li></ul>	<ul style="list-style-type: none"><li>AS REVISED</li></ul>
A-CHECK	<ul style="list-style-type: none"><li>1,000 FLIGHT HOURS / 200 AC / 90 DAYS</li></ul>	<ul style="list-style-type: none"><li>1 MAY, 2010</li></ul>
C-CHECK	<ul style="list-style-type: none"><li>10,000 FLIGHT HOURS / 24 MONTHS</li></ul>	<ul style="list-style-type: none"><li>1 MAY, 2010</li></ul>
D-CHECK	<ul style="list-style-type: none"><li>INTERVAL - 96 MONTHS</li></ul>	<ul style="list-style-type: none"><li>1 MAY, 2010</li></ul>

## ANNEX - A

ENGINE - POSITION	POS 1 PW4056-3	POS 2 PW4056-3	POS 3 PW4056-1C	POS 4 PW4056-3
SERIAL NUMBER	<ul style="list-style-type: none"><li>P727641</li></ul>	<ul style="list-style-type: none"><li>P727729</li></ul>	<ul style="list-style-type: none"><li>P724476</li></ul>	<ul style="list-style-type: none"><li>P727491</li></ul>
TSN	<ul style="list-style-type: none"><li>70943:35</li></ul>	<ul style="list-style-type: none"><li>64633</li></ul>	<ul style="list-style-type: none"><li>89509:06</li></ul>	<ul style="list-style-type: none"><li>63827</li></ul>
CSN	<ul style="list-style-type: none"><li>9798</li></ul>	<ul style="list-style-type: none"><li>12678</li></ul>	<ul style="list-style-type: none"><li>17035</li></ul>	<ul style="list-style-type: none"><li>10060</li></ul>
	<ul style="list-style-type: none"><li>SEE ANNEX B</li></ul>	<ul style="list-style-type: none"><li>SEE ANNEX C</li></ul>	<ul style="list-style-type: none"><li>SEE ANNEX D</li></ul>	<ul style="list-style-type: none"><li>SEE ANNEX E</li></ul>

ANNEX - B

ESN 727641

Nomenclature	Part Number	Serial Number	Current 4060	Current 4056	Component TT Current	Component TC Current	Limit	Limit	Remain	Remain
			Usage	Usage			PW4060	PW4056	PW4060	PW4056
<b>LPC MODULE</b>										
Hub, Front Comp	50B321	CBDUA86946	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Drum Rotor	51B022-01	CBDUA85115	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk 1,6	51B022-02	CBDUA82851	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk 2	51B022-03	CBDUA65335	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk 3	51B022-04	CBDUA75644	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk 4	51B022-05	CBDUA66946	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
<b>HPC MODULE</b>										
Disk HPC 5	56H605	CENCA82801	0	6.930	53.473	6.930	15,000	20,000	9.802	13.070
HPC INLET AIR SEAL	56H279		0	105	815	105	15,000	20,000	14.921	19.895
Hub HPC Front	51H572	CENCAW8990	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
DISK-DRUM ROTOR	55H106-01	CENCA14309	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Disk 6	53H976-02	CENCA07548	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Disk 7	54H816-02	CENCA13036	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Disk 8	54H816-03	CENCA11931	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Disk 9	54H816-04	CENCA05882	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Disk 10	53H976-06	CENCA10552	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Disk 11	54H626-02	CENCA06599	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Disk 12	56H106-02	CENCA12210	0	9.787	69.718	9.787	15,000	20,000	7.659	10.213
Drum 13-15	56H013-01	CENCA14248	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk 13	56H013-02	CENCA06437	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk 14	56H013-03	CENCA10448	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk 15	56H013-04	CENCA05116	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
HPC Rear Hub	54H803-02	CENCA12313	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Shaft, HPC Drive	54H767	CENCBC3225	0	6.586	51.382	6.586	15,000	20,000	10.060	13.414
Seal-Air Diffuser	54H792	CENCAT9273	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
<b>HPT MODULE</b>										
Hub Turb Front	52L301	CKLBDF2055	0	9.798	70.943	9.798	13,700	20,000	6.988	10.202
Seal HPT 1	50L879	CKLBFJ2647	0	8.319	50.610	8.319	15,000	18,900	8.397	10.581
Seal HPT 2	53L030	CKLBEH8167	0	7.367	57.016	7.367	13,800	15,900	7.406	8.533
Seal HPT 1 Inner	50L664	CKLBKD8770	0	1.696	11.213	1.696	14,800	16,800	13.305	15.104
Hub Turb Rear	52L802	CKLBDE1368	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Plate Rtnng	50L242	CKLBBS4970	0	8.208	60.154	8.208	15,000	20,000	8.844	11.792
<b>LPT MODULE</b>										
Shaft Frt Turb	50A077	CLDLBM7578	0	9.798	70.943	9.798	30,000	30,000	20.202	20.202
Seal 3 LPT (OUTER)	50N521	CLDLBN6269	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Seal 3 LPT (INNER)	50N412	CLDLBP4197	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk LPT 3	50N803	CLDLBN3086	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Seal 4 LPT	51N038	CLDLXC3759	0	6.930	53.473	6.930	15,000	20,000	9.802	13.070
Disk LPT 4	50N924	CLDLB05646	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Seal 5 LPT	50N419	CLDLBR2294	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Hub Turb Rear	51N505	CLDLBX3194	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
Disk LPT 6	50N486-01	CLDLBX6752	0	9.798	70.943	9.798	15,000	20,000	7.651	10.202
<b>LPC/LPT COUP.</b>										
Coupling-Turb.Shaft	50A210 / 50A281	TF2338	0	12.563	86.689	12.563	30,000	30,000	17.437	17.437

Engine first limiter: 8.533

ANNEX - C

ESN 727729

Engine Details

<b>727729</b>	<b>Type</b>	<b>Manufacture Date</b>	<b>Hours at installation</b>	<b>Cycles at installation</b>	<b>TSN</b>	<b>CSN</b>
	PW4056-3	25/02/2021	62834	12366	64628,8	12677

TASK DETAILS		Apply to part	STATUS DETAILS			
Task Code	Task Description	Part Number	Time Limit	Part Total Time	Next Due	Remaining
Part Code	Apply to part	Serial Number				
72-231-07-05-2	Discard the following engine components at manufacturer certified life limit: LPT shaft  <i>FRONT COMPRESSOR DRIVE TURBINE (LPT) SHAFT</i>	50A077	N/A	N/A	N/A	N/A
725300-08		S76189	N/A	57957 Part Hrs	N/A	N/A
			30000 Cyc	18434 Part Cyc	24243 Eng Cyc	11566 Cyc

TASK DETAILS		Apply to part	STATUS DETAILS			
Task Code	Task Description	Part Number	Time Limit	Part Total Time	Next Due	Remaining
Part Code	Apply to part	Serial Number				
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT STAGE 3 DISK</i>	50N003	N/A	N/A	N/A	N/A
725300-01		CLDLAK7364	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT STAGE 4 DISK</i>	50N024	N/A	N/A	N/A	N/A
725300-02		CLDLB60234	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT REAR TURBINE STAGE 5 HUB</i>	50N505	N/A	N/A	N/A	N/A
725300-03		CLDLB71343	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT STAGE 6 DISK</i>	50N486-01	N/A	N/A	N/A	N/A
725300-04		T00455	N/A	58566 Part Hrs	N/A	N/A
			20000 Cyc	10665 Part Cyc	22012 Eng Cyc	9335 Cyc
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT STAGE 3 OUTER AIRSEAL</i>	50N008	N/A	N/A	N/A	N/A
725300-05		CLDLBN5991	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT STAGE 5 AIRSEAL</i>	50N324	N/A	N/A	N/A	N/A
725300-06		CLDLAT2666	N/A	63731 Part Hrs	N/A	N/A
			20000 Cyc	12016 Part Cyc	20661 Eng Cyc	7984 Cyc
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT STAGE 4 AIRSEAL</i>	50N346	N/A	N/A	N/A	N/A
725300-07		CLDLBP8074	N/A	65891 Part Hrs	N/A	N/A
			20000 Cyc	13029 Part Cyc	19648 Eng Cyc	6971 Cyc
72-231-07-05-1	Discard the following engine components at manufacturer certified life limit: LPT disks hub and rotating air seals  <i>LPT STAGE 3 INNER AIRSEAL</i>	50N412	N/A	N/A	N/A	N/A
725300-09		CLDLB35641	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc

ANNEX - C

ESN 727729

TASK DETAILS		Apply to part	STATUS DETAILS			
Task Code	Task Description	Part Number	Time Limit	Part Total Time	Next Due	Remaining
Part Code	Apply to part	Serial Number				
72-231-07-03 723500-15	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC DIFFUSER AIRSEAL</i>	54H792	N/A	N/A	N/A	N/A
		CENCAN9399	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-16	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC DRIVE SHAFT</i>	54H767	N/A	N/A	N/A	N/A
		CENCAR4245	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-17	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 15 HUB</i>	54H803-02	N/A	N/A	N/A	N/A
		CENCAS8420	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-04-1 725200-02	Discard the following engine components at manufacturer certified life limit: HPT hubs (except stage 1) and blade retaining plates  <i>HP TURBINE INTERMEDIATE REAR (STAGE 2) HUB</i>	52L802	N/A	N/A	N/A	N/A
		CKLBDU7400	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc
72-231-07-04-1 725200-04	Discard the following engine components at manufacturer certified life limit: HPT hubs (except stage 1) and blade retaining plates  <i>HPT STAGE 2 BLADE RETAINING PLATE</i>	50L242	N/A	N/A	N/A	N/A
		CKLBDM4126	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc
72-231-07-04-2 725200-01	Discard the following engine components at manufacturer certified life limit: HPT hub stage 1 only  <i>HPT TURBINE FRONT (STAGE 1) HUB</i>	52L301	N/A	N/A	N/A	N/A
		CKLBDW8787	N/A	64628 Part Hrs	N/A	N/A
			20000 Cyc	12677 Part Cyc	20000 Eng Cyc	7323 Cyc
72-231-07-04-3 725200-06	Discard the following engine components at manufacturer certified life limit: HPT rotating air seal stage 2 only  <i>HPT STAGE 2 (ROTATING) AIRSEAL</i>	53L030	N/A	N/A	N/A	N/A
		CKLBDX2050	N/A	64628 Part Hrs	N/A	N/A
			15900 Cyc	12677 Part Cyc	15900 Eng Cyc	3223 Cyc
72-231-07-04-4 725200-05	Discard the following engine components at manufacturer certified life limit: HPT inner rotating air seal stage 1 only  <i>HPT STAGE 1 (INNER ROTATING) AIRSEAL</i>	50L664	N/A	N/A	N/A	N/A
		CKLBD23506	N/A	60474 Part Hrs	N/A	N/A
			16800 Cyc	11358 Part Cyc	18119 Eng Cyc	5442 Cyc
72-231-07-04-5 725200-03	Discard the following engine components at manufacturer certified life limit: HPT outer rotating air seal stage 1 only  <i>HPT STAGE 1 (OUTER ROTATING) AIRSEAL</i>	50L879	N/A	N/A	N/A	N/A
		CKLBDM2938	N/A	64628 Part Hrs	N/A	N/A
			18900 Cyc	12677 Part Cyc	18900 Eng Cyc	6223 Cyc

TASK DETAILS		Apply to part	STATUS DETAILS			
Task Code	Task Description	Part Number	Time Limit	Part Total Time	Next Due	Remaining
Part Code	Apply to part	Serial Number				
72-231-07-03 723500-07	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 9 DISK</i>	54H816-04	N/A	N/A	N/A	N/A
		CENCAS9304	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-08	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 10 DISK</i>	53H976-06	N/A	N/A	N/A	N/A
		CENCAS6883	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-09	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 11 DISK</i>	54H626-02	N/A	N/A	N/A	N/A
		CENCAS6738	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-10	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 12 DISK</i>	55H106-02	N/A	N/A	N/A	N/A
		CENCAS9296	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-11	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC DRUM ROTOR (STAGE 13 - 15) DISK</i>	56H013-001	N/A	N/A	N/A	N/A
		CENCAS6150	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-12	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 13 DISK</i>	56H013-02	N/A	N/A	N/A	N/A
		CENCAS5252	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-13	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 14 DISK</i>	56H013-03	N/A	N/A	N/A	N/A
		CENCAS6162	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-14	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  <i>HPC STAGE 15 DISK</i>	56H013-04	N/A	N/A	N/A	N/A
		CENCAS7156	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc

ESN 727729

**ENGINE TIME LIMITED PART STATUS FOR ENGINE SN : 727729**

TASK DETAILS		Apply to part	STATUS DETAILS			
Task Code	Task Description	Part Number	Time Limit	Part Total Time	Next Due	Remaining
Part Code	Apply to part	Serial Number				
72-231-07-01 723100-05	Discard the following engine components at manufacturer certified life limit: Fan hub, LPC drum rotor and LPC disks  LPC STAGE 3 DISK	51B022-04	N/A	N/A	N/A	N/A
		CBDUBL6484	N/A	63055 Part Hrs	N/A	N/A
			20000 Cyc	12517 Part Cyc	20160 Eng Cyc	7483 Cyc
72-231-07-01 723100-06	Discard the following engine components at manufacturer certified life limit: Fan hub, LPC drum rotor and LPC disks  LPC STAGE 4 DISK	51B022-05	N/A	N/A	N/A	N/A
		CBDUBK7838	N/A	63055 Part Hrs	N/A	N/A
			20000 Cyc	12517 Part Cyc	20160 Eng Cyc	7483 Cyc
72-231-07-02 723200-01	Discard the following engine components at manufacturer certified life limit: Turbine shaft coupling  TURBINE SHAFT COUPLING	50A281	N/A	N/A	N/A	N/A
		CLDLB54241	N/A	64762 Part Hrs	N/A	N/A
			30000 Cyc	11980 Part Cyc	30697 Eng Cyc	18020 Cyc
72-231-07-03 723500-01	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  HPC FRONT HUB	51H572	N/A	N/A	N/A	N/A
		CENCAW9161	N/A	53120 Part Hrs	N/A	N/A
			20000 Cyc	12823 Part Cyc	19854 Eng Cyc	7177 Cyc
72-231-07-03 723500-02	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  HPC STAGE 5 DISK	54H705-001	N/A	N/A	N/A	N/A
		C205AA0127	N/A	43087 Part Hrs	N/A	N/A
			20000 Cyc	9420 Part Cyc	23257 Eng Cyc	10580 Cyc
72-231-07-03 723500-03	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  HPC DRUM ROTOR (STG 6-12) DISK ASSY	55H106-101	N/A	N/A	N/A	N/A
		CENCAS9257	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-04	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  HPC STAGE 6 DISK	53H976-02	N/A	N/A	N/A	N/A
		CENCAS2254	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-05	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  HPC STAGE 7 DISK	54H816-02	N/A	N/A	N/A	N/A
		CENCAS7553	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc
72-231-07-03 723500-06	Discard the following engine components at manufacturer certified life limit: HPC front hub, 5th stage disk, both HPC drum rotors and rotating air seals  HPC STAGE 8 DISK	54H816-03	N/A	N/A	N/A	N/A
		CENCAT0484	N/A	68933 Part Hrs	N/A	N/A
			20000 Cyc	13398 Part Cyc	19279 Eng Cyc	6602 Cyc

Aircraft Current Times	85820,8 Hrs	14591 Ldgs
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**ENGINE TIME LIMITED PART STATUS FOR ENGINE SN : 727729**

TASK DETAILS		Apply to part	STATUS DETAILS			
Task Code	Task Description	Part Number	Time Limit	Part Total Time	Next Due	Remaining
Part Code	Apply to part	Serial Number				
72-231-07-01 723100-01	Discard the following engine components at manufacturer certified life limit: Fan hub, LPC drum rotor and LPC disks  LPC FRONT COMPRESSOR HUB	50B321	N/A	N/A	N/A	N/A
		CBDUBM1883	N/A	63055 Part Hrs	N/A	N/A
			20000 Cyc	12517 Part Cyc	20160 Eng Cyc	7483 Cyc
72-231-07-01 723100-02	Discard the following engine components at manufacturer certified life limit: Fan hub, LPC drum rotor and LPC disks  LPC DRUM ROTOR (STAGES 1,6, 2, 3 AND 4) DISK	51B022-01	N/A	N/A	N/A	N/A
		CBDUBK8358	N/A	63055 Part Hrs	N/A	N/A
			20000 Cyc	12517 Part Cyc	20160 Eng Cyc	7483 Cyc
72-231-07-01 723100-03	Discard the following engine components at manufacturer certified life limit: Fan hub, LPC drum rotor and LPC disks  LPC STAGE 1,6 DISK	51B022-02	N/A	N/A	N/A	N/A
		CBDUBL6792	N/A	63055 Part Hrs	N/A	N/A
			20000 Cyc	12517 Part Cyc	20160 Eng Cyc	7483 Cyc
72-231-07-01 723100-04	Discard the following engine components at manufacturer certified life limit: Fan hub, LPC drum rotor and LPC disks  LPC STAGE 2 DISK	51B022-03	N/A	N/A	N/A	N/A
		CBDUBL6659	N/A	63055 Part Hrs	N/A	N/A
			20000 Cyc	12517 Part Cyc	20160 Eng Cyc	7483 Cyc

ESN 724476

Nomenclature	Part Number	Serial Number	Current 4060 Usage	Current 4056 Usage	Component TT Current	Component TC Current	Limit PW4060	Limit PW4056	Remain PW4060	Remain PW4056
<b>LPC MODULE</b>										
Hub, Front Comp	50B321	S82877	0	18.048	77.421	18.048	15.000	20.000	1.464	1.952
Drum Rotor	50B422	C100AA0139	0	18.415	78.262	18.415	15.000	20.000	1.188	1.585
Disk 1,6	51B816	C101AA0022	0	18.415	78.262	18.415	15.000	20.000	1.188	1.585
Disk 2	50B302	C102AA0006	0	18.415	78.262	18.415	15.000	20.000	1.188	1.585
Disk 3	50B403	C103AA0066	0	18.415	78.262	18.415	15.000	20.000	1.188	1.585
Disk 4	50B404	C104AA0045	0	18.415	78.262	18.415	15.000	20.000	1.188	1.585
<b>HPC MODULE</b>										
Disk HPC 5	54H705-001	C205AA0016	0	16.327	61.148	16.327	15.000	20.000	2.754	3.673
HPC INLET AIR SEAL	56H279		0	105	815	105	15.000	20.000	14.921	19.895
Hub HPC Front	51H572	N71713	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
DISK-DRUM ROTOR	52H926-01	R69621	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 6	50H106	R85217	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 7	51H426-02	R49980	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 8	51H308	R80461	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 9	51H609	R80147	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 10	51H710	R55143	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 11	51H711	R88713	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 12	51H612	R68702	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Drum 13-15	50H936	R78362	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 13	52H013	R43787	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 14	51H914	R58127	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Disk 15	51H615	R69458	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
HPC Rear Hub	N/A		0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Shaft, HPC Drive	50H445	R42582	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
Seal-Air Diffuser	50H218	TR3990	0	16.469	79.927	16.469	15.000	20.000	2.648	3.531
<b>HPT MODULE</b>										
Hub Turb Front	52L401	CKLBA49106	0	17.848	70.386	17.848	13.700	20.000	1.474	2.152
Seal HPT 1	50L485	P48807	0	16.988	67.040	16.988	15.000	20.000	2.259	3.012
Seal HPT 2	53L030	CKLBEH5847	0	9.862	45.788	9.862	13.800	15.900	5.240	6.038
Seal HPT 1 Inner	50L659	C331AA1268	0	15.574	58.643	15.574	14.800	20.000	3.275	4.426
Hub Turb Rear	50L902	S07007	0	16.988	67.040	16.988	15.000	20.000	2.259	3.012
Plate Ring	50L242	TR4428	0	16.988	67.040	16.988	15.000	20.000	2.259	3.012
<b>LPT MODULE</b>										
Shaft Fri Turb	50A077	CLDLA0779	0	11.020	58.483	11.020	30.000	30.000	18.980	18.980
Seal 3 LPT (OUTER)	50N008	VJ0217	0	19.526	75.599	19.526	15.000	20.000	355	474
Seal 3 LPT (INNER)	50N381	TR5078	0	19.526	75.599	19.526	15.000	20.000	355	474
Disk LPT 3	50N003	S61264	0	19.526	75.599	19.526	15.000	20.000	355	474
Seal 4 LPT	50N346	VJ0556	0	19.526	75.599	19.526	15.000	20.000	355	474
Disk LPT 4	50N024	S89196	0	19.526	75.599	19.526	15.000	20.000	355	474
Seal 5 LPT	50N324	UK1842	0	19.526	75.599	19.526	15.000	20.000	355	474
Hub Turb Rear	50N505	S17035	0	19.526	75.599	19.526	15.000	20.000	355	474
Disk LPT 6	50N486-01	S59189	0	19.526	75.599	19.526	15.000	20.000	355	474
<b>LPC/LPT COUP.</b>										
Coupling-Turb Shaft	50A210 / 50A281	CLPXA0440	0	9.177	70.322	9.177	30.000	30.000	20.823	20.823

Engine first limiter: 474



ANNEX - E

ESN 727491

Nomenclature	Part Number	Serial Number	Current 4060 Usage	Current 4056 Usage	Component TT Current	Component TC Current	Limit PW4060	Limit PW4056	Remain PW4060	Remain PW4056
<b>LPC MODULE</b>										
Hub, Front Comp	50B321	CBDUUAU9202	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Drum Rotor	50B422	CBDUUAU9415	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk 1,6	51B816	CBDUUAU6650	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk 2	50B302	CBDUUAU7253	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk 3	50B403	CBDUUAU8787	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk 4	50B404	CBDUUAU7299	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
<b>HPC MODULE</b>										
Disk HPC 5	56H705	CENCAU4775	0	8.975	61.188	8.975	15.000	20.000	8.268	11.025
HPC INLET AIR SEAL	56H279		0				15.000	20.000	15.000	20.000
Hub HPC Front	51H572	CENCAJ9218	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
DISK-DRUM ROTOR	54H626-101	CENCAH9148	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Disk 6	53H976-02	CENCAH4054	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Disk 7	53H976-03	CENCAH4100	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Disk 8	53H976-04	CENCAH4152	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Disk 9	53H976-05	CENCAH4206	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Disk 10	53H976-06	CENCAH4251	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Disk 11	54H626-02	CENCAK6273	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Disk 12	53H976-08	CENCAH4355	0	11.184	53.062	11.184	15.000	20.000	6.612	8.816
Drum 13-15	54H803-01	CENCAR8225	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk 13	53H973-02	CENCAR6232	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk 14	53H973-03	CENCAR5926	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk 15	54H803-03	CENCAR5269	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
HPC Rear Hub	54H803-02	CENCAR6364	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Shaft, HPC Drive	54H767	CENCAU0415	0	9.316	61.737	9.316	15.000	20.000	8.013	10.684
Seal-Air Diffuser	54H792	CENCAN9340	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
<b>HPT MODULE</b>										
Hub Turb Front	52L301	CKLB882412	0	10.060	63.827	10.060	13.700	20.000	6.808	9.940
Seal HPT 1	50L879	CKLB DY2105	0	8.322	59.811	8.322	15.000	18.900	8.395	10.578
Seal HPT 2	53L030	CKLBD25585	0	7.828	59.535	7.828	13.800	15.900	7.005	8.072
Seal HPT 1 Inner	50L664	CKLBB21261	0	10.002	65.792	10.002	14.800	16.800	5.988	6.798
Hub Turb Rear	52L802	CKLBBE8041	0	11.124	76.528	11.124	15.000	20.000	6.657	8.876
Plate Ring	50L242	CKLBS5107	0	8.028	55.510	8.028	15.000	20.000	8.979	11.972
<b>LPT MODULE</b>										
Shaft Frt Turb	50A077	CLDLAS8552	0	10.060	63.827	10.060	30.000	30.000	19.940	19.940
Seal 3 LPT (OUTER)	50N521	CLDLAY9797	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Seal 3 LPT (INNER)	50N412	CLDLAK3932	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk LPT 3	50N803	CLDLAY8301	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Seal 4 LPT	51N038	CLDLCX3787	0	6.004	39.014	6.004	15.000	20.000	10.497	13.996
Disk LPT 4	50N924	CLDLBA2240	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Seal 5 LPT	50N419	CLDLA49833	0	8.766	67.300	8.766	15.000	20.000	8.425	11.234
Hub Turb Rear	51N505	CLDLA95847	0	10.060	63.827	10.060	15.000	20.000	7.455	9.940
Disk LPT 6	50N486-01	S59222	0	10.335	65.719	10.335	15.000	20.000	7.248	9.665
<b>LPC/LPT COUP.</b>										
Coupling-Turb.Shaft	50A210 / 50A281	CLPXAA0383	0	10.060	63.827	10.060	30.000	30.000	19.940	19.940

Engine first limiter: 6.798

