

revised: 9/1/2016

**PW4060-3 ESN 727359  
IN FULL QEC, 180 MIN. ETOPS CERTIFIED**

**MPA Performes at Air Nuingi @ 1.25 EPR - 420.4**

ENGINE TSN	ENGINE CSN
72,295	12,179

SINCE TEST @ UNITED AIRLINES	
HOURS	CYCLES
1,264	281
EGT Margin at 4056-3	23.3°C @ class 11
EGT Margin at 4060-3	6.7°C @ class 11
EGT Margin at 4062-3	10.3°C @ class 10
Post Test BSI performed	Yes

SINCE EHM @ LUFTHANSA GERMANY	
HOURS	CYCLES
6,440	1,566

**Advanced Performance Upgrade SB 72-795 embodied @ Lufthansa Germany EHM**

Description	P/N	S/N	Time Limit	Total		Cycle Limit		Cycles Used		Cycles Remaining	
				Hours	Cycles	4056-3	4060-3 4062-3	4056-3	4060-3 4062-3	4056-3	4060-3 4062-3
<b>Low Pressure Compressor</b>		<b>A17671</b>		<b>83,838</b>	<b>13,999</b>			<b>TSR: 6,440</b>		<b>CSR: 1,566</b>	
Hub Front Compressor	50B321	P62222	U/L	74,736	17,715	20,000	15,000	17,434	281	2,191	1,643
Disk Drum Rotor Stages 1.6 - 4	50B422	S23414	U/L	83,838	13,999	20,000	15,000	13,718	281	5,907	4,430
Disk - 1.6 Stage	51B816	S03297	U/L	83,838	13,999	20,000	15,000	13,718	281	5,907	4,430
Disk - 2nd Stage	50B302	R81202	U/L	83,838	13,999	20,000	15,000	13,718	281	5,907	4,430
Disk - 3rd Stage	50B403	R96974	U/L	83,838	13,999	20,000	15,000	13,718	281	5,907	4,430
Disk - 4th Stage	50B404	S12572	U/L	83,838	13,999	20,000	15,000	13,718	281	5,907	4,430
<b>High Pressure Compressor</b>		<b>B27449RC</b>		<b>75,991</b>	<b>12,561</b>			<b>TSI: 6,440</b>		<b>CSI: 1,566</b>	
Hub HPC Front	51H572	CENCAJ9113	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 5th Stage	56H705	CENCAM9176	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk Drum Rotor Stages 6 - 12	54H816-01	CENCAL5440	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 6th Stage	53H976-02	CENCAM3443	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 7th Stage	54H816-02	CENCAN0178	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 8th Stage	54H816-03	CENCAL5642	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 9th Stage	54H816-04	CENCAN8109	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 10th Stage	53H976-06	CENCAM3146	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 11th Stage	54H626-02	CENCAM3039	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 12th Stage	53H976-08	CENCAL4735	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk Drum Rotor Stage 13 - 15	54H803-01	CENCAP0562	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 13th Stage	53H973-02	CENCAL6155	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 14th Stage	53H973-03	CENCAN8764	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Disk - 15th Stage	54H803-03	CENCAN8629	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
15th stage Hub (HPC Rear Hub)	54H803-02	CENCAL6419	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Shaft HPC Drive	54H767	CENCAN5139	U/L	75,991	12,561	20,000	15,000	12,280	281	7,345	5,509
Airseal Diffuser	54H792	CENCAN9435	U/L	69,272	11,180	20,000	15,000	10,899	281	8,726	6,544
<b>High Pressure Turbine</b>		<b>C24320</b>						<b>TSO: 6,440</b>		<b>CSO: 1,566</b>	
Hub Turbine Front 1st Stage "NEW"	55L111	CKLBK99622	U/L	6,440	1,566	20,000	15,000	1,285	281	18,340	13,755
Hub Turbine Inter. Rear Stage 2	50L902-023	S59972	U/L	79,964	13,392	20,000	15,000	13,111	281	6,514	4,885
Airseal HPT Stage 1 Outer Rot	50L485	UD8805	U/L	79,964	13,392	20,000	15,000	13,111	281	6,514	4,885
Plate HPT Stage 2 Blade Ret	50I242	TR4692	U/L	79,964	13,392	20,000	15,000	13,111	281	6,514	4,885
Airseal HPT 2nd Stage Rot	53L030	CKLBEH6043	U/L	42,733	7,585	15,900	13,800	7,304	281	8,272	7,179
Ring HPT 1st Stage Airseal "NEW"	50L664	CKLBKW7654	U/L	6,440	1,566	16,800	14,800	1,285	281	15,196	13,386
<b>Low Pressure Turbine</b>		<b>D24422</b>						<b>TSI: 6,440</b>		<b>CSI: 1,566</b>	
Disk LPT 3rd Stage	50N003	CLDLB44654	U/L	46,235	7,836	20,000	15,000	3,783	4,053	10,813	8,109
Disk LPT 4th Stage	50N024	CLDLCE9553	U/L	46,235	7,836	20,000	15,000	3,783	4,053	10,813	8,109
Hub Rear Turbine 5th Stage	50N505	CLDLCC7581	U/L	46,235	7,836	20,000	15,000	3,783	4,053	10,813	8,109
Disk LPT 6th Stage	50N666-01	CLDLCA5173	U/L	46,235	7,836	20,000	15,000	3,783	4,053	10,813	8,109
Airseal LPT 3rd Stage	50N381	TR5015	U/L	41,887	7,697	20,000	15,000	6,246	1,451	11,819	8,864

Description	P/N	S/N	Time Limit	Total		Cycle Limit		Cycles Used		Cycles Remaining	
				Hours	Cycles	4056-3	4060-3 4062-3	4056-3	4060-3 4062-3	4056-3	4060-3 4062-3
Airseal LPT 4th Stage	50N346	CLDLBP8217	U/L	46,235	7,836	20,000	15,000	3,783	4,053	10,813	8,109
Airseal LPT 5th Stage	50N324	CLDLAT2698	U/L	46,235	7,836	20,000	15,000	3,783	4,053	10,813	8,109
Airseal LPT 3rd Stage	50N008	CLDLBN6116	U/L	46,235	7,836	20,000	15,000	3,783	4,053	10,813	8,109
Turbine Shaft (LPC/LPT) Coupling	50A281	S62410	U/L	81,043	14,715	30,000	30,000	13,264	1,451	15,285	15,285
Front Comp Drive Turbine (LPT) Shaft	50A077	R89958	U/L	56,712	19,957	30,000	30,000	18,106	1,451	10,443	10,443

DESCRIPTION	PART NUMBER	SERIAL NUMBER		TOTAL TIME	TOTAL CYCLES	TSO	CSO	TSR	CSR	TSI	CSI
T1 Vane-Cluster (QTY. 20)	52K671	Post SB 72-691		UNK	UNK	6,440	1,566			1,264	281
T1 Vane-Cluster (QTY. 14) "NEW"	52K671	Post SB 72-691		6,440	1,566					1,264	281
T2 Vane & Ring Seg (Qty 20)	54L572	Post SB 72-742		UNK	UNK	6,440	1,566			1,264	281
T2 Vane & Ring Seg (Qty 1) "NEW"	54L562	Post SB 72-742		6,440	1,566					1,264	281
T1 Blade (Qty. 60) "NEW"	56L601	Post SB 72-795		6,440	1,566					1,264	281
T2 Blade (Qty. 82) "NEW"	54L632	Post SB 72-795		6,440	1,566					1,264	281
HPT Case	50L870	CKLBAN1894				6,440	1,566			1,264	281
Outer Comb Chamber	50J944-01	WW4474		UNK	UNK	6,440	1,566			1,264	281
Inner Comb Chamber	50K359-01	CJNBAH5991		68,235	11,930	6,440	1,566			1,264	281
Exhaust Case	50P417-001	UD8369		53,222	18,000					1,264	281
Main Gearbox		F17526		84,436	14,796	20,167	3,483			6,440	1,566
Angle Gearbox		VN5758		79,084	13,205	20,167	3,483			6,440	1,566