

Component SN: 81

Part Number: PW306C; Serial Number: 81; Counter List: CYC (A/F Cycles), HRS (Hours); Include Current Compliance; Include Sub-Components Printed: 2025-08-18 16:36:35

ENGINE

Part Number: PW306C
Serial Number: 81
Currently Configured as: C-680 7200-000 Engine Overhaul - Model PW306C.

DETAILS

Folder:
Mfg. Date: 2007-10-17
Model:
Base: Not On-Hand
Bin:

AIRCRAFT / NHA COUNTERS

Installed on: C-GSOC 420: ENG#2

	Since New	Since O/H	Since Insp.
CAL	6,356 d.		
HRS (Hours)	5,997.70		
CYC (A/F Cycles)	3,483.00		

COMPONENT COUNTERS

	Since New	Since O/H	Since Insp.	Since Inst.
CAL	6,515 d.			2,527 d.
HRS (Hours)	5,948.20			2,813.90
CYC (A/F Cycles)	3,451.00			1,715.00

HISTORY DATE RANGE:

NONE ENTERED

CURRENT COMPLIANCE

Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7200-000 (O)	Overhaul Engine Overhaul - Model PW306C.					
			CAL			
			HRS (Hours)	6,000.00	6,000.00	51.80
7200-012	Perform a Hot Section Inspection, including all borescopes and maintenance...					
			CAL	2018-09-17		
			HRS (Hours)	3,134.30	3,000.00	6,000.00
						51.80
7200-022	Perform PWC Low Utilization Engine Inspection. Thresh: 14 Years TIS /24M.					
			CAL	2024-02-22	24 m.	2026-02-21
						187 d.
7200-052	Hot Section Inspection - Borescope Inspections. Refer to LMM 05-20-00 Tab...					
			CAL	2018-09-17		
			HRS (Hours)	3,134.30	800.00	6,000.00
						51.80
7205-002	Engine - Complete "800 Hour" Items in PW306C " Periodic Inspections Table					
			CAL	2024-02-22		
			HRS (Hours)	5,268.70	800.00	6,068.70
						120.50
7205-042	Engine Shop Visit - Review of SBs for possible incorporation at shop Visit					
			CAL			
			HRS (Hours)	3,000.00	6,000.00	51.80
7206-022(SB)	SB 72-25471 - Inlet Guide Vane Actuating Arm Assy - Inspection					
			CAL			
			HRS (Hours)	3,000.00	6,000.00	51.80
7250-202B	Discard 1st Stage HP Turbine Blades.					
			CAL	2018-09-17		
			HRS (Hours)	3,134.30	6,000.00	6,000.00
						51.80
			CYC (A/F Cycles)	1,736.00	6,000.00	6,000.00
						2,549.00

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CURRENT COMPLIANCE						
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7250-212B	Borescope Inspection: 1st Stage HP Turbine Blades. (Ref. 72-00-00).		CAL	2023-10-06		
			HRS (Hours)	5,138.50	800.00	5,950.30 2.10
			CYC (A/F Cycles)	2,955.00	800.00	3,755.00 304.00
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7250-251	Second Stage HP Turbine Blades - Retirement @ 6000 Eng-Hrs or Eng-Cycles ...		CAL	2018-09-17		
			HRS (Hours)	3,134.30	6,000.00	6,000.00 51.80
			CYC (A/F Cycles)	1,736.00	6,000.00	6,000.00 2,549.00
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7250-252	Borescope Inspection of 2nd Stage HP Turbine Blades.		CAL	2025-01-17		
			HRS (Hours)	5,675.90	400.00	6,068.70 120.50
			CYC (A/F Cycles)	3,280.00	400.00	3,680.00 229.00
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7250-253(SB)	PWC SB 25460 R10 - 2nd Stage HPT Disc Assembly - Replace with Improved Unit		CAL			
			HRS (Hours)	3,000.00	6,000.00	51.80
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7260-012C	Replace AGB Starter Pad Seal - Post-SB25433		CAL	2024-10-18		
			HRS (Hours)	5,566.10	400.00	5,950.30 2.10
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7260-022C	Replace Alternator Pad Seal - Post-SB25433		CAL	2024-10-18		
			HRS (Hours)	5,566.10	400.00	5,950.30 2.10
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7310-012	Fuel Filter. Remove and check for foreign matter and damage. Replace if di...		CAL	2024-02-22		
			HRS (Hours)	5,268.70	800.00	6,068.70 120.50
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7310-022	Fuel Filter. Replace (regardless of filter condition).		CAL	2023-03-24		
			HRS (Hours)	4,856.30	1,200.00	6,056.30 108.10
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7310-032	Emergency FSOV Linkage. Visual check (Ref. 73-10-05).		CAL	2018-09-17		
			HRS (Hours)	3,134.30	3,000.00	6,000.00 51.80
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7310-033	Emergency FSOV Assembly - Rigging and Dimensional Insp (Ref. 73-10-05).		CAL			
			HRS (Hours)	3,000.00	6,000.00	51.80
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7310-042B	Primary Fuel Nozzles. Clean and inspect fuel nozzles (Ref. 73-10-04).		CAL	2018-09-17		
			HRS (Hours)	3,134.30	3,000.00	6,134.30 186.10
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7530-250	Engine P2.5 and P2.8 Bleed Valves.		CAL	2018-09-17		
			HRS (Hours)	3,134.30	3,000.00	6,000.00 51.80
Task:	Description:	Check:	Last Perf.	Interval	Next Due	Remaining
7700-022(SB)	SB 25412 Rev 5 - Replace DEEC diagnostic units with improved model		CAL			
			HRS (Hours)	3,000.00	6,000.00	51.80

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CURRENT COMPLIANCE							
Task:	Description:	Check:		Last Perf.	Interval	Next Due	Remaining
7910-012	Engine Oil Change.		CAL	2025-02-13	1 y.	2026-02-21	187 d.
			HRS (Hours)	5,714.80	1,200.00	6,914.80	966.60
Task:	Description:	Check:		Last Perf.	Interval	Next Due	Remaining
7910-022	No. 3 Bearing / Scavenge Oil Tube Inspection. Visual check for leakage.		CAL	2024-10-18			
			HRS (Hours)	5,566.10	1,200.00	6,750.30	802.10
Task:	Description:	Check:		Last Perf.	Interval	Next Due	Remaining
7910-032	Oil Filter Element 800 Hr Inspection.		CAL	2024-02-22			
			HRS (Hours)	5,268.70	800.00	6,068.70	120.50
Task:	Description:	Check:		Last Perf.	Interval	Next Due	Remaining
7910-042	Oil Filter Element Retirement. Replace (regardless of filter condition).		CAL	2023-03-24			
			HRS (Hours)	4,856.30	1,200.00	6,056.30	108.10

SUB-COMPONENTS									
Position Path:	1stHPCRotor		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	1st Stage HPC Rotor - Retirement.	CAL	2,568 d.			2,527 d.			
Part Number:	30B4811-01	HRS (Hours)	2,813.90			2,813.90			
Serial Number:	A0047LAD	CYC (A/F Cycles)	1,715.00			1,715.00		15,000.00	13,285.00
Position Path:	1stHPTDisk		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	1st Stage HPT Disk - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30B6351-01	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	A0027HF6	CYC (A/F Cycles)	3,451.00			1,715.00		15,000.00	11,549.00
Position Path:	2ndHPCRotor		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	2nd Stage HPC Rotor - Retirement.	CAL	2,568 d.			2,527 d.			
Part Number:	30B6082-01	HRS (Hours)	2,813.90			2,813.90			
Serial Number:	A0044ALF	CYC (A/F Cycles)	1,715.00			1,715.00		15,000.00	13,285.00
Position Path:	2ndHPTDisk		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	2nd Stage HPT Disk - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30B4642-01	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	A0028FHL	CYC (A/F Cycles)	3,451.00			1,715.00		10,000.00	6,549.00
Position Path:	3rdHPCRotor		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	3rd Stage HPC Rotor - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30B3933-01	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	TXA1B3451	CYC (A/F Cycles)	3,451.00			1,715.00		15,000.00	11,549.00
Position Path:	3rdLPTDisk		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	3rd Stage LPT Disk - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30A2323	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	MAA44123	CYC (A/F Cycles)	3,885.00			1,715.00		15,000.00	11,115.00

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SUB-COMPONENTS									
Position Path:	4thHPCRotor		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	4th Stage HPC Rotor - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30B3934-01	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	TXA1B3552	CYC (A/F Cycles)	3,451.00			1,715.00			15,000.00
									11,549.00
Position Path:	4thLPTDisk		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	4th Stage LPT Disk - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30A2324	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	MAA42924	CYC (A/F Cycles)	3,885.00			1,715.00			15,000.00
									11,115.00
Position Path:	5thLPTDisk		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	5th Stage LPT Disk - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30A2305	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	MAA42603	CYC (A/F Cycles)	3,885.00			1,715.00			15,000.00
									11,115.00
Position Path:	ACGenerator		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	AC Generator. P/N & S/N Tracking.	CAL				2,527 d.			
Part Number:	9914435-9	HRS (Hours)	3,244.00			2,813.90			
Serial Number:	414	CYC (A/F Cycles)	1,715.00			1,715.00			
Position Path:	AirCover		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	HPT Rotor Rear Cover - Retirement	CAL	6,515 d.			2,527 d.			
Part Number:	30B5619-01	HRS (Hours)	5,948.30			2,813.90			
Serial Number:	A0028K2D	CYC (A/F Cycles)	3,451.00			1,715.00			15,000.00
									11,549.00
Position Path:	AirSeal		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	HPT Rotor Air Seal - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	31B6205-01	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	AWE010838	CYC (A/F Cycles)	3,451.00			1,715.00			15,000.00
									11,549.00
Position Path:	DumpValve		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	Fuel Start & Dump Valve. P/N & S/N Tracking.	CAL	6,515 d.			2,527 d.			
Part Number:	26240-5	HRS (Hours)	5,948.10			2,813.90			
Serial Number:	9959516645	CYC (A/F Cycles)	1,715.00			1,715.00			
Position Path:	EEC		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	Electronic Engine Control (EEC). P/N & S/N Tracking.	CAL	6,525 d.			2,527 d.			
Part Number:	822822-4-004	HRS (Hours)	5,956.90			2,813.90			
Serial Number:	07087363	CYC (A/F Cycles)	1,715.00			1,715.00			
Position Path:	FanHub		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	Fan Hub - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30B4080-01	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	A00287NH	CYC (A/F Cycles)	4,145.00			1,715.00			14,000.00
									9,855.00
Position Path:	FuelPump								
Description:	Not Applicable								
Position Path:	FwdCover		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit
Description:	HPT Rotor Front Cover - Retirement.	CAL	6,515 d.			2,527 d.			
Part Number:	30B6202-01	HRS (Hours)	5,948.20			2,813.90			
Serial Number:	A0028CW3	CYC (A/F Cycles)	3,451.00			1,715.00			15,000.00
									11,549.00

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SUB-COMPONENTS										
Position Path:	HeatExchange		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit	Remaining
Description:	Fuel / Oil Heat Exchanger. P/N & S/N Tracking.	CAL	6,515 d.			2,527 d.				
Part Number:	91020-000-4	HRS (Hours)	5,948.20			2,813.90				
Serial Number:	2224	CYC (A/F Cycles)	1,715.00			1,715.00				
Position Path:	HIMU		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit	Remaining
Description:	Hydromechanical Fuel Control Unit. (HMU) P/N & S/N Tracking.	CAL	6,515 d.			2,527 d.				
Part Number:	8060-509	HRS (Hours)	5,948.20			2,813.90				
Serial Number:	15367328	CYC (A/F Cycles)	1,715.00			1,715.00				
Position Path:	Impeller		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit	Remaining
Description:	Impeller - Retirement.	CAL	6,515 d.			2,527 d.				
Part Number:	30B4796-01	HRS (Hours)	2,813.90			2,813.90				
Serial Number:	A0028738	CYC (A/F Cycles)	3,451.00			1,715.00			6,000.00	2,549.00
Position Path:	LPC Shaft		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit	Remaining
Description:	LPC Shaft Retirement.	CAL	6,515 d.			2,527 d.				
Part Number:	30B3897-01	HRS (Hours)	5,948.20			2,813.90				
Serial Number:	DDAA006A369	CYC (A/F Cycles)	4,076.00			1,715.00			30,000.00	25,924.00
Position Path:	LSeal									
Description:	Not Applicable									
Position Path:	OilPump		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit	Remaining
Description:	Oil Pump. P/N & S/N Tracking.	CAL	6,515 d.			2,527 d.				
Part Number:	30B6552-01	HRS (Hours)	5,948.20			2,813.90				
Serial Number:	22A365	CYC (A/F Cycles)	1,715.00			1,715.00				
Position Path:	P2.5Valve-1									
Description:	Superseded									
Position Path:	P2.5Valve-2									
Description:	Superseded									
Position Path:	P2.8Valve-1									
Description:	Superseded									
Position Path:	P2.8Valve-2									
Description:	Superseded									
Position Path:	Solenoid		Since New	Since O/H	Since Insp.	Since Inst.	O/H Limit	Remaining	Life Limit	Remaining
Description:	Bleed-Off Valve (BOV) Solenoid.	CAL	6,515 d.			2,527 d.				
Part Number:	540-1167-3	HRS (Hours)	5,948.20			2,813.90				
Serial Number:	1823	CYC (A/F Cycles)	1,715.00			1,715.00				