

# AIRCRAFT SPECIFICATIONS

REF A2026-054

General Data			
Manufacturer	Boeing	Date	21-Apr-26
Model	DHC-8-102		
Year of Manufacture	1991		
Last Regulation Compliance	FAA		
Configuration	Cargo		
Total FH Since New	59,102.00		
Total FC Sinve New	66,354		

Airframe Check Summary									
Check	Interval		Last Completed		Next Due		Remaining		
	Hours	Days	Hours	Date	Hours	Date	Hours	Days	
1A	500	182	59,102.00	06-Oct-25	59,602.00	06-Apr-26	500	-15	
2A	1,000	365	59,102.00	06-Oct-25	60,102.00	05-Oct-26	1,000	168	
3A	1,500	547	59,102.00	06-Oct-25	60,602.00	06-Apr-27	1,500	350	
4A	2,000	730	59,102.00	06-Oct-25	61,102.00	05-Oct-27	2,000	533	
5A	2,500	912	59,102.00	06-Oct-25	61,602.00	05-Apr-28	2,500	715	
6A	3,000	1,095	59,102.00	06-Oct-25	62,102.00	04-Oct-28	3,000	898	
9A	4,500	1,642	59,102.00	06-Oct-25	63,602.00	05-Apr-30	4,500	1,445	
1C	5,000	1,825	59,102.00	06-Oct-25	64,102.00	04-Oct-30	5,000	1,628	
2C	10,000	3,649	59,102.00	06-Oct-25	69,102.00	03-Oct-35	10,000	3,452	
3C	15,000	5,474	59,102.00	06-Oct-25	74,102.00	30-Sep-40	15,000	5,277	
4C	20,000	5,474	59,102.00	06-Oct-25	79,102.00	30-Sep-40	20,000	5,277	
6C	30,000	7,298	59,102.00	06-Oct-25	89,102.00	29-Sep-45	30,000	7,101	
Weight and Balance	---	1,095	---	06-Oct-25	---	04-Oct-28	---	898	

Landing Gear Data			
	NLG	MLG LH	MLG RH
Part Number	8800-107	10100-123	10100-127
Serial Number	DCL185/89/P93/P11	DCL582/93	12MDT0783
Last OH	25-Sep-22	15-Sep-22	23-Sep-22
Next OH	22-Sep-32	12-Sep-34	20-Sep-34
Remaining	2,346	3,066	3,074

Weight Data	
Max. Ramp Weight (lb)	34,700
Max. Takeoff Weight (lb)	34,500
Max. Landing Weight (lb)	33,900
Max. Zero Fuel Weight (lb)	31,000

Avionics Systems Data		
Description	Part Number	Serial Number
GPS ANTENNA #1	10708	14126
GPS ANTENNA #2	10708	14127
EGPWS COMPUTER	965-1220-020	3256
ATC TRANSPONDER #1	622-9210-501	22CVK
ATC TRANSPONDER #2	622-9210-501	1527
TCAS COMPUTER	822-3075-001	78V1L
ALTIMETER #1	4016341-905	85113907
ALTIMETER #2	4016341-905	85073711
SSFDR	2100-4043-00	000352231
SSCVR	2100-1020-00	000231045
AHRS COMPUTER #1	7003360-941	96093627
AHRS COMPUTER #2	7003360-941	87030647
AIR DATA COMPUTER #1	7000700-976	94026156
AIR DATA COMPUTER #2	7000700-976	89083574
FLIGHT GUIDANCE COMPUTER #1	7003974-730	91103027
FLIGHT GUIDANCE COMPUTER #2	7003974-730	89011594
DME #1	066-1066-23	13118
DME #2	066-1066-23	12452
FDAU	612/1/49780/202	20025
ELT	453-5000-366	210-07733
FMC	3017-41-211	3558

APU Data	
Manufacturer	Hamilton Sundstrand
Model	T-62T-40C7B
Part Number	167301-101
Serial Number	SP-E915104
LSV Date	Sep-14

Propeller Data		
	Prop #1	Prop #2
Manufacturer	Hamilton Sundstrand	Hamilton Sundstrand
Model	14SF-7	14SF-7
Serial Number	851113	900919
Total FH Since New	UNK	UNK
Total FC Since New	UNK	UNK

Propeller #1 LLP Data								
Description	P/N	S/N	Limit		Nex Due		Remaining	
			Hours	Days	Hours	Date	Hours	Days
Blade #1	SFA13U1P0A	888779-7	10,500	2,555	10,500	02-Apr-30	10,454	1,442
Blade #2	SFA13M1R0A+D	861708-7	10,500	2,555	10,500	24-Sep-32	10,500	2,348
Blade #3	SFA13U1P0A	2011050041	10,500	2,555	10,500	24-Sep-32	10,500	2,348
Blade #4	SFA13U1P0A+D2	2008020351	10,500	2,555	10,500	24-Sep-32	10,500	2,348
HUB	782701-5	2010070890	10,500	2,555	10,500	24-Sep-32	10,500	2,348
Actuator	790180-3	881240	10,500	---	10,500	---	10,500	---
Transfer Tube	814829-1	93-8-443	10,500	---	10,500	---	10,500	---
PCU	782490-50	940623	10,500	---	10,500	---	10,500	---

Propeller #2 LLP Data								
Description	P/N	S/N	Limit		Nex Due		Remaining	
			Hours	Days	Hours	Date	Hours	Days
Blade #1	SFA13U1POA	200204077-7	10,500	2,555	10,500	24-Sep-32	10,500	2,348
Blade #2	SFA13U1POA+D2	2009120098	10,500	2,555	10,500	24-Sep-32	10,500	2,348
Blade #3	SFA13M1R0A+D	859790	10,500	2,555	10,500	24-Sep-32	10,500	2,348
Blade #4	SFA13U1POA	888170-7	10,500	2,555	10,500	24-Sep-32	10,500	2,348
HUB	782701-5	2012030160	10,500	2,555	10,500	24-Sep-32	10,500	2,348
Actuator	790180-3	930301	10,500	---	10,500	---	10,500	---
Transfer Tube	814829-1	93-2-214	10,500	---	10,500	---	10,500	---
PCU	782490-50	890868	10,500	---	10,500	---	10,500	---

Powerplant Data		
	Engine #1	Engine #2
Manufacturer	Pratt & Whitney	Pratt & Whitney
Model	PW120A	PW120A
Turbomachinery S/N	120901	121020
Total FH Since New	55,304.00	52,495.50
Total FC Since New	62,346	58,574
Total FH Since HSI	2,073.10	8,642.60
Reduction Gearbox S/N	121250	120652
Total FH Since New	45,113.70	51,272.40
Total FC Since New	50,423	57,974
Total FH Since OH	4,675.50	2,462.00

**Note: TSOH & TSHSI are shown a reference only, since engines are on a On-condition program.**

Engine #1 LLP Data						
Description	P/N	S/N	Limit	CSN	Remaining	
LP Impeller	3040689	EAA000W541	25,000	11,762	13,238	
HP Impeller	3072765-01	A002XEC9	30,000	11,762	18,238	
HP Turbine Front Cover	3049049-01	A003PM6L	15,000	2,430	12,570	
HP Turbine Rear Cover	3041486	A003PYP9	15,000	2,430	12,570	
HP Turbine Disk	3045591	A003MKH1	15,000	2,430	12,570	
HP Turbine Blades	3115301-01	VARIOUS	15,000	12,061	2,939	
Interstage Seal	3041474	UAAF469	15,000	2,430	12,570	
LP Turbine Disk	3036212	A003PMX2	30,000	2,430	27,570	
Power Turbine Disk Stage 1	3038613	A003MLNF	30,000	2,430	27,570	
Power Turbine Disk Stage 2	30303914	A003PWEA	30,000	2,430	27,570	

Engine #2 LLP Data						
Description	P/N	S/N	Limit	CSN	Remaining	
LP Impeller	3040689	A0009CRH	25,000	24,377	623	
HP Impeller	3042343	A0014HB9	30,000	28,619	1,381	
HP Turbine Front Cover	3049049-01	A002HAL3	15,000	13,637	1,363	
HP Turbine Rear Cover	3041486	A002KXTM	15,000	13,637	1,363	
HP Turbine Disk	3045591	A002L38C	15,000	13,637	1,363	
HP Turbine Blades	3115301-01	VARIOUS	15,000	10,190	4,810	
Interstage Seal	3041474	TPAA7033	15,000	13,637	1,363	
LP Turbine Disk	3036212	A0014TW7	30,000	28,619	1,381	
Power Turbine Disk Stage 1	3038613	A0014RW1	30,000	28,619	1,381	
Power Turbine Disk Stage 2	30303914	A000YA0	30,000	27,928	2,072	