



SPECIFICATION & SUMMARY OF TERMS

DHC-8 MODEL 311

9/29/2025

1. Aircraft and Lease Overview

Aircraft	DHC-8 Model 311	
Aircraft Serial Number		
Manufacture Date	16-Sep-1990	
Total Aircraft Time	55836.4	Hours
Total Aircraft Cycles	66258	Cycles

2. Summary of Aircraft Specifications

a. Airframe Details

Operating Data		
Aircraft Basic Weight	26394	lbs
Maximum Takeoff Weight	43000	lbs
Maximum Landing Weight	42000	lbs

Interior Configuration		
Description	Quantity	Details / Location
Cabin Seats	50	Passenger Seats
Flight deck seats	3	2 Crew + 1 Observer
Attendant seats	1	Fwd
Galleys	1	Fwd
Lavatories	1	Fwd

b. Inspection Status

Description	Last Performed			Next Due		Remaining
	Date	FH	FC	FH	Calendar	Hours
A Check	20-Jun-25	55830.6	66250	56330.6	20-Dec-25	494.2
C Check	17-May-23	54643.9	64810	59643.9	17-May-28	3807.5

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c. Engines

c1. Port Engine

Part Number		Serial Number			
PW123		PCE-123279			
TSN: 38158.0		CSN: 51994			
TSO: 4432.7		CSO: 5610			
Engine Life Limited Components As Of: 29-Sep-25					
Description	Part Number	CSN @ Installation (Component)	Cycle Limit	CSN	Remaining
Impeller LP	3072763-01	6663	15000	8126	6874
Impeller HP	3072766-01	4147	15000	5610	9390
HP Turbine Front Cover	3039640	6663	15000	8126	6874
HP Turbine Disc	3041511	6663	15000	8126	6874
HP Turbine Blades	3115601-01 (Set)	4147	15000	5610	9390
HP Turbine Rear Cover	3039639	6663	15000	8126	6874
Interstage Seal	3039172	4147	15000	5610	9390
LP Turbine Disc	3039512	6663	15000	8126	6874
Power Turbine Disc -Stg1	3038513	20833	30000	22296	7704
Power Turbine Disc -Stg2	3033914	19610	30000	21073	8927

c2. Starboard Engine

Part Number		Serial Number			
PW123		PCE-123253			
TSN: 46494.0		CSN: 54153			
TSO: 2457.9		CSO: 3055			
Engine Life Limited Components As Of: 29-Sep-25					
Description	Part Number	CSN @ Installation (Component)	Cycle Limit	CSN	Remaining
Impeller LP	3072763-01	1592	15000	3055	11945
Impeller HP	3072766-01	1592	15000	3055	11945
HP Turbine Front Cover	3039640	1592	15000	3055	11945
HP Turbine Disc	3041511	1592	15000	3055	11945
HP Turbine Blades	3115601-01 (Set)	1592	15000	3055	11945
HP Turbine Rear Cover	3039639	1592	15000	3055	11945
Interstage Seal	3039172	1592	15000	3055	11945
LP Turbine Disc	3039512	1592	15000	3055	11945
Power Turbine Disc -Stg1	3038513	1592	30000	3055	26945
Power Turbine Disc -Stg2	3033914	1592	30000	3055	26945

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d. Propellers

d1. Port Propeller

Part No.	TSO	Remaining	Calendar Overhaul			
802396-1	475.3	10024.7	Last done	Next due	Remaining	
Serial No.			23-Aug-24	23-Aug-31	70.6	Months
2010070909						

d2. Starboard Propeller

Part No.	TSO	Remaining	Calendar Overhaul			
802396-1	137.6	10362.4	Last done	Next due	Remaining	
Serial No.			28-Feb-25	28-Feb-32	76.8	Months
2015100093						

e. Landing Gear Status

Landing Gear	Nose	Left Main	Right Main
Part Number	8800-137	10190-113	10190-107
Serial Number	10MDT0787	12MDT4087	DCL3767/97
Date Of Installation	25-Nov-20	20-Oct-13	28-Nov-24
Install Condition	Repaired	Serviceable	Serviceable
Interval (Overhaul) FC	25000	30000	30000
CSO	1512	14749	347
Remaining (Overhaul) FC	23488	15251	29653
OH Interval (Months)	120	144	144
Next Overhaul Date	25-Nov-30	20-Oct-25	28-Nov-36
Time To OH (Months)	61.7	0.7	133.7
Interval (Discard) FC	60000	60000	60000
CSN	15460	14749	22476
Remaining (Discard) FC	44540	45251	37524

f. Auxilliary Power Unit

Auxilliary Power Unit			
Part Number	Serial No.	APU Hours	APU Cycles
T62T-40C7B	SP-E955137	8851.4	20928
Compressor Wheel (Remaining Cycles)			12378
Turbine Wheel (Remaining Cycles)			4998

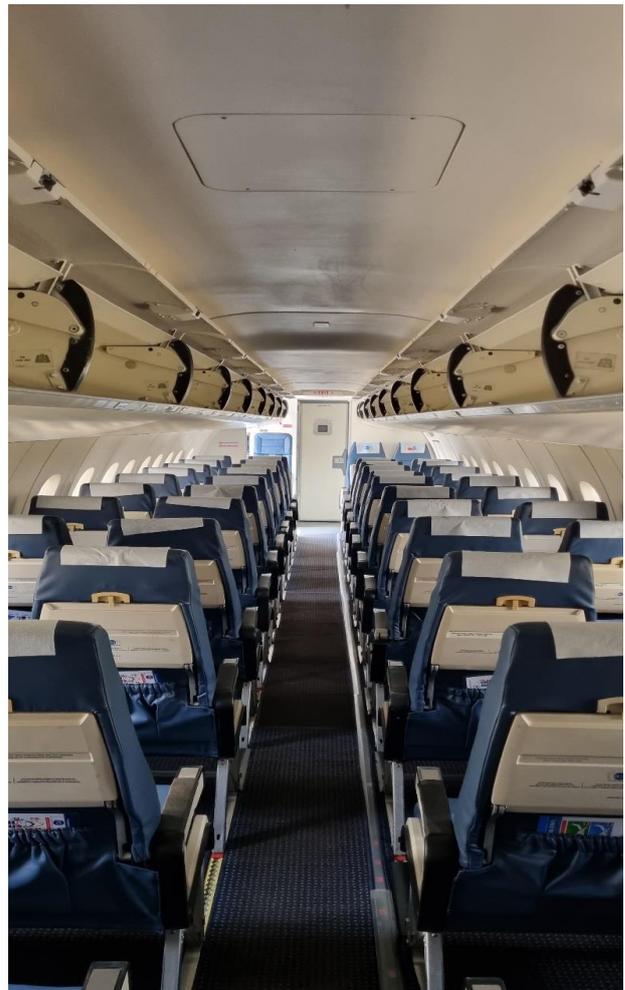
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g. Avionics

Avionics Equipment Listing				
No.	Items	Model	Part Number	Quantity
1	ADF	Collins ADF 60	622-2362-001	1
2	NAV	Collins VIR-32	622-6137-201	2
3	DME	Collins DME-42	622-6663-001	2
4	Radar	Honeywell WA-800	MI-585353	1
5	GPS	Universal UNS 1	1017-41-111	2
6	TCAS II	ACSS	4066010-914	1
7	EGPWS / TAWS	Honeywell Mark VIII	965-1220-020	1
8	FDR	Honeywell	980-4120-DXUN	1
9	FDR ULB Battery	DK120	DK120/90	1
10	CVR	Fairchild FA2100	2100-1020-00	1
11	CVR ULB Battery	Dukane	DK120	1
12	ELT	ACR Electronics	453-5000-366	1
13	ELT Battery	Artex 406	452-0133	1
14	Rad Alt	Honeywell RT-300	7001840-918	1
15	DADC	Honeywell AZ-810	700700-940	2
16	PA System	Avtech Corp	5082-1-2	1
17	Transponder	Collins TPR-720	622-7878-201	2
18	Autopilot	Honeywell FZ-800	7003974-722	1
19	Audio S. Panel	Avtech	HA1652-1	1
20	Com	Collins VHF22A	622-6152-011	2
21	HF	N/A	N/A	-
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h. Photographs

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