



## **SPECIFICATION & SUMMARY OF TERMS**

### **DHC-8 MODEL 102**

**8/14/2025**

J&V AVIATION FZC : EXECUTIVE SUITE P.O.BOX 120453 SHARJAH INTERNATIONAL AIRPORT SHARJAH UAE  
Email : [av@atbelgium.com](mailto:av@atbelgium.com) UAE mob + 971 507129954 - Belgium mob (Whatsapp)+ 32 475767775

TIPS : Room 902, Wilson House, 19-27 Wyndham Street, Central, Hong Kong  
Email : [dhoude@tipsassociates.com](mailto:dhoude@tipsassociates.com) mob (WhatsApp)+230 52568994



## Aircraft information summary

## 1. Aircraft and Lease Overview

<b>Aircraft</b>	DHC-8 Model 102	
<b>Aircraft Serial Number</b>		
<b>Manufacture Date</b>	1-Nov-1984	
<b>Total Aircraft Time</b>	39428.1	Hours
<b>Total Aircraft Cycles</b>	43260	Cycles

## 2. Summary of Aircraft Specifications

### a. Airframe Details

Operating Data		
<b>Aircraft Basic Weight</b>	22804	lbs
<b>Maximum Takeoff Weight</b>	34500	lbs
<b>Maximum Landing Weight</b>	33900	lbs

Interior Configuration		
Description	Quantity	Details / Location
Cabin Seats	37	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
<b>A Check</b>	23-May-25	39328.1	43116	39828.1	23-Nov-25	400.0
<b>C Check</b>	15-Mar-22	37603.3	41295	42603.3	15-Mar-27	3175.2

Specification subject to verification upon inspection, prior sale/lease, or withdrawal from the market without notice.



## Aircraft information summary



## c. Engines

## c1. Port Engine

Part Number		Serial Number			
PW120A		PCE-120384			
TSN: 48819.8	CSN: 46248				
TSO: 6910.5	CSO: 6473				
Engine Life Limited Components As Of: 14-Aug-25					
Description	Part Number	CSN @ Installation (Component)	Cycle Limit	CSN	Remaining
Impeller LP	3040689	17547	25000	17691	7309
Impeller HP	3043243	17547	30000	17691	12309
HP Turbine Front Cover	3049049-01	7730	15000	7874	7126
HP Turbine Disc	3045591	7730	15000	7874	7126
HP Turbine Blades	3078981-01	6335	7500	6479	1021
HP Turbine Rear Cover	3041486	6329	15000	6473	8527
Interstage Seal	3041474	6329	15000	6473	8527
LP Turbine Disc	3036212	17547	30000	17691	12309
Power Turbine Disc -Stg1	3038613	17547	30000	17691	12309
Power Turbine Disc -Stg2	3033914	21530	30000	21674	8326

## c2. Starboard Engine

Part Number		Serial Number			
PW121		PCE-121230			
TSN: 45736.2	CSN: 49690				
TSO: 19408.3	CSO: 20991				
Engine Life Limited Components As Of: 14-Aug-25					
Description	Part Number	CSN @ Installation (Component)	Cycle Limit	CSN	Remaining
Impeller LP	3040689	20847	25000	20991	4009
Impeller HP	3043243	20847	30000	20991	9009
HP Turbine Front Cover	3049049-01	744	15000	888	14112
HP Turbine Disc	3045591	9405	15000	9549	5451
HP Turbine Blades	13115301-01	13875	15000	14019	981
HP Turbine Rear Cover	3041486	10106	15000	10250	4750
Interstage Seal	3041474	10106	15000	10250	4750
LP Turbine Disc	3036212	15803	30000	15947	14053
Power Turbine Disc -Stg1	3038613	20847	30000	20991	9009
Power Turbine Disc -Stg2	3033914	20847	30000	20991	9009

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## Aircraft information summary

**d. Propellers****d1. Port Propeller**

Part No.	TSO	Remaining	Calendar Overhaul			
			Last done	Next due	Remaining	
782701-5	2281.0	8219.0	19-Jun-25	19-Jun-32	82.0	Months
Serial No.						
2014040072						

**d2. Starboard Propeller**

Part No.	TSO	Remaining	Calendar Overhaul			
			Last done	Next due	Remaining	
782701-5	100.0	10400.0	19-Jun-25	19-Jun-32	82.0	Months
Serial No.						
2025010066						

**e. Landing Gear Status**

Landing Gear	Nose	Left Main	Right Main
<b>Part Number</b>	8800-137	10100-107	14200-123
<b>Serial Number</b>	DCL518/96	DCL089-85	DCL069HGW/96
<b>Date Of Installation</b>	19-Jun-25	15-Mar-22	19-Jun-25
<b>Install Condition</b>	Overhauled	Overhauled	Repaired
<b>Interval (Overhaul) FC</b>	25000	30000	30000
<b>CSO</b>	2024	1965	144
<b>Remaining (Overhaul) FC</b>	22976	28035	29856
<b>OH Interval (Months)</b>	120	144	144
<b>Next Overhaul Date</b>	19-Jun-35	15-Mar-34	19-Jun-37
<b>Time To OH (Months)</b>	117.9	102.8	141.9
<b>Interval (Discard) FC</b>	60000	60000	60000
<b>CSN</b>	50901	47555	36412
<b>Remaining (Discard) FC</b>	9099	12445	23588

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aircraft information summary

**f. Avionics**

Avionics Equipment Listing				
No.	Items	Model	Part Number	Quantity
1	ADF	Collins ADF 60	622-2362-001	2
2	NAV	Collins VIR-32	622-6137-001	2
3	DME	Collins DME-42	622-6263-001	2
4	Weather Radar	Honeywell WI-800	MI-585250-5	1
5	GPS 1	Garmin GPS 165	011-00106-00	1
6	GPS 2	Universal UNS 1	2017-41-211	1
7	TCAS II	ACSS	4066010-904	1
8	EGPWS/TAWS	Honeywell	965-1210-022	1
9	FDR	Lockheed	10077A500-803	1
10	ULB Battery	Dukane	DK120	1
11	CVR	Fairchild A100	980-6022-001	1
12	ULB Battery	Dukane	DK120	1
13	ELT	Kannad 406AF	51820506-01	1
14	ELT Battery	Kannad	51820506-01	1
15	Radar Alt	Honeywell RT 300	7001840-918	1
16	DADC	Honeywell AZ 810	7000700-975	2
17	Transponder 1	ACSS	4061400-905	1
18	Transponder 2	Collins TDR 90	622-1270-001	0
19	Sat Track	Indigo Sat	3.00434E+14	1
20	Autopilot	Honeywell GC 801	7003975-901	1
21	Audio S. Panel	Avtech	5061-1-1	3
22	COM	Collins VHF-22A	622-6152-001	2
23	HF	Bendix King KCU 951	064-1016-03	1
		Bendix King KAC 952	064-1017-02	1
		Bendix King KTR 953	064-1015-01	1

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### g. Photographs



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