

AIRCRAFT SPECIFICATIONS AND DETAILS

1. AIRCRAFT TECHNICAL SPECIFICATION:

Aircraft Type:	DHC-6 SERIES 300 TWIN OTTER
Type Certificate Holder:	VIKING AIR LIMITED
Engine Type	Pratt & Whitney Canada PT6A-27
Propeller Type:	Hartzell HC-B3TN-3DY
Aircraft Build Standards - Airframe:	TCCA TCDS number A-82 Issue no. 16 - 6 January 2016 for Viking Air Limited DHC-6 Series.
Aircraft Build Standards - Engine:	TCCA TCDS number E-6 Issue no. 26 - 28 February 2005 for Pratt & Whitney PT6A Series Engine
Aircraft Build Standards - Propeller:	FAA TCDS number P15EA Rev. 31 - 13 December 2018 for Hartzell Propeller HC-B3T Series Propeller
CAAM Type Certificate:	Viking Air Limited DHC-6 Series 300
CAAM Type Category:	CAR Part 3 – Normal Category
Cabin Length:	18 ft 6 in
Maximum Width:	63.25 in
Maximum Height:	59.0 in
Floor Area:	80.2 sq ft
Volume:	384 cu ft
Cabin Doors – Left:	56 x 50 in
Cabin Doors – Right:	30 x 45.5 in
Total Baggage Volume:	126 cu ft
Passenger Seats (max):	19
Crew:	02

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2. AIRCRAFT DETAILS:

Aircraft Type:	DHC-6 SERIES 300
Aircraft Variant or Model:	DHC-6 SERIES 300 TWIN OTTER
Aircraft Serial Number:	244
Date of Manufacture	1 Jan 1969
Flight Hours:	36,511:56 (as of 12 May 2023)
Flight Cycles:	78,992 (as of 12 May 2023)
Current Aircraft Registration:	9M – KIB
Previous Aircraft Registration:	HB-LRJ
Type Certificate Holder:	VIKING AIR LIMITED
Engine Type	Pratt & Whitney Canada PT6A-27
Engine #1 Serial No.:	PCE-40162 TSN / CSN: 14,409:22 / 12,234 TSO/CSO: 2,967.0 / 1,127 Limiter Rear Hub: 5457
Engine #2 Serial No.:	PCE-41504 TSN / CSN: 14,685 / 12,476 TSO/CSO:1,656.00/ 2,008 Limiter Rear Hub: 6,524
Propeller Type:	Hartzell HC-B3TN-3DY
Propeller Serial No.:	#1: BUA20921 TSN: 12917:54 TSO: 1171:07 Last OH date: 02-Sep-21 #2: BUA30465 TSN: 5,799 / TSO: 993 Last OH date: 10-Jun-21
Basic Empty Weight (BEW):	7,518lbs (3,417 kg)
Maximum Takeoff Weight (MTOW):	12,500 lbs. (5,670 kg)
Maximum Landing Weight:	12,300 lbs. (5,579 kg)
Maximum Ramp/ Taxi Weight:	12, 600 lbs. (5,715 kg)

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3. EQUIPMENT FITTED

NO.	ITEM DESCRIPTION	QTY	EQUIPMENT INSTALLED
1	PFD	2	GARMIN G600
2	NAV/GPS/COMM/MFD	2	GARMIN GTN650
3	DME	1	BENDIX KN-63
4	EGPWS	1	KDM 850
5	Radar Altimeter	1	BENDIX KRA405B
6	Standby Attitude Module	1	SAM MD302
7	Weather Radar System	1	RDR 2000
8	Audio Panel	2	BENDIX KMA-24H-70
9	Emergency Locator Transmitter (ELT)	1	KANNAD 406-AP
10	Transponder	1	GARMIN GTX 33
11	Marker Beacon Receiver Indicator	1	BENDIX KR21
12	Cockpit Voice Recorder (CVR)	1	UA CVR-120R
13	ADS-B	1	GARMIN GTX 33
14	Aircraft Battery	1	LEAD ACID – CONCORDE RG380
15	Aircraft Wheel and Brake	2	CLEVELAND WHEEL AND BRAKES CONVERSION KIT 199-92
16	Clock	1	DAVTRON 800-28-SHB DIGITAL CLOCK
17	Cabin Fire Extinguisher	2	HALON 1211 BA51015-5
18	Passenger Seats	19	SINGLE & DOUBLE COMMUTER SEATS
19	Landing Gear - Main	2	FIXED LANDING GEAR

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4. STC/ MODIFICATIONS

NO.	MODIFICATION TITLE	MOD. REF. NO.
1	Installation of MK VI EGPWS with KMD850	STC A.S.00200
2	Installation of dual G600 Integrated Avionics System and Midcontinent Stby Attitude Module	STC 0010024825-001
3	Concorde Lead Acid Battery	STC 10043338 SA03971AT SA12-68
4	Clock Installation - Davtron 800-28-SHB Digital Clock	DH6P024-00
5	Installation of Kannad 406 AP ELT	DH6P026-00
6	Dual Installation of Garmin GTN 650	DH6P025-00
7	Installation of DME KN63	DH6P032-00
8	Installation of Marker Beacon KR21	DH6P031-00
9	Installation of Weather Radar RDR2000	DH6P028-00
10	Installation of GTX33 Transponder	DH6P030-00
11	Installation of audio panels KMA24H70	DH6P029-00
12	Addition of Avionic Master Switches	SF-DA0759
13	Installation of the Radar Altimeter System KRA405B	DH6P027-00
14	Substitution of Original A/C Lights with LED Lights	DH6P033-00
15	Zimex Flap Rollers	STC Z 27-50-03
16	Installation of Aircraft Wheel and Brake Conversion Kit	SA1065GL
17	APST57 Interior Kit	ASA085SY
18	Cockpit Voice Recorder	STC 10040247
19	ADS-B Out	AML STC SA01714WI

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LH Engine S/N: PCE-4062

ENG PN :	PT6A-27
ENG SN :	PCE-40162
ARC / DATE OF LAST OVERHAUL :	REPAIRED
DATE OF INSTALLATION :	18-Aug-23

ENG FH :	15634
ENG FC :	24272
STATUS AS OF :	2/27/2025

NO.	DESCRIPTION	PART NUMBER	SERIAL NUMBER	DURING INSTALL		INTERVAL CYCLES LIMIT	LLP DURING FITTED			CYCLE SINCE NEW (CSN)	CYCLE SINCE FITTED	REMAINING REPLACE (CYCLES)
				ENGINE HOURS	ENGINE CYCLE		HOURS DURING FITTED	CYCLES DURING FITTED	CYCLES REMANING			
1	HUB COMPRESSOR 1 ST STAGE	3013111	5C663	12667:00	21540	19,000	N/A	10,811	8,189	13,543	2,732	5,457
2	DISK, COMPRESSOR 2 ST STAGE	3013712	A001F5YF	12667:01	21540	24,000	0	0	24,000	2,732	2,732	21,268
3	DISK, COMPRESSOR 3 ST STAGE	3011713	A001FDLY	12667:02	21540	25,000	0	0	25,000	2,732	2,732	22,268
4	IMPELLER	3013176	5B986	12667:03	21540	19,000	3,272	4,676	14,324	7,408	2,732	11,592
5	DISK, COMPRESSOR TURBINE	3013411	12A943	12667:04	21540	16,000	258	404	15,596	3,136	2,732	12,864
6	DISK, POWER TURBINE - DISCARD	3022412	5N267	12667:05	21540	20,000	3,272	4,676	15,324	7,408	2,732	12,592

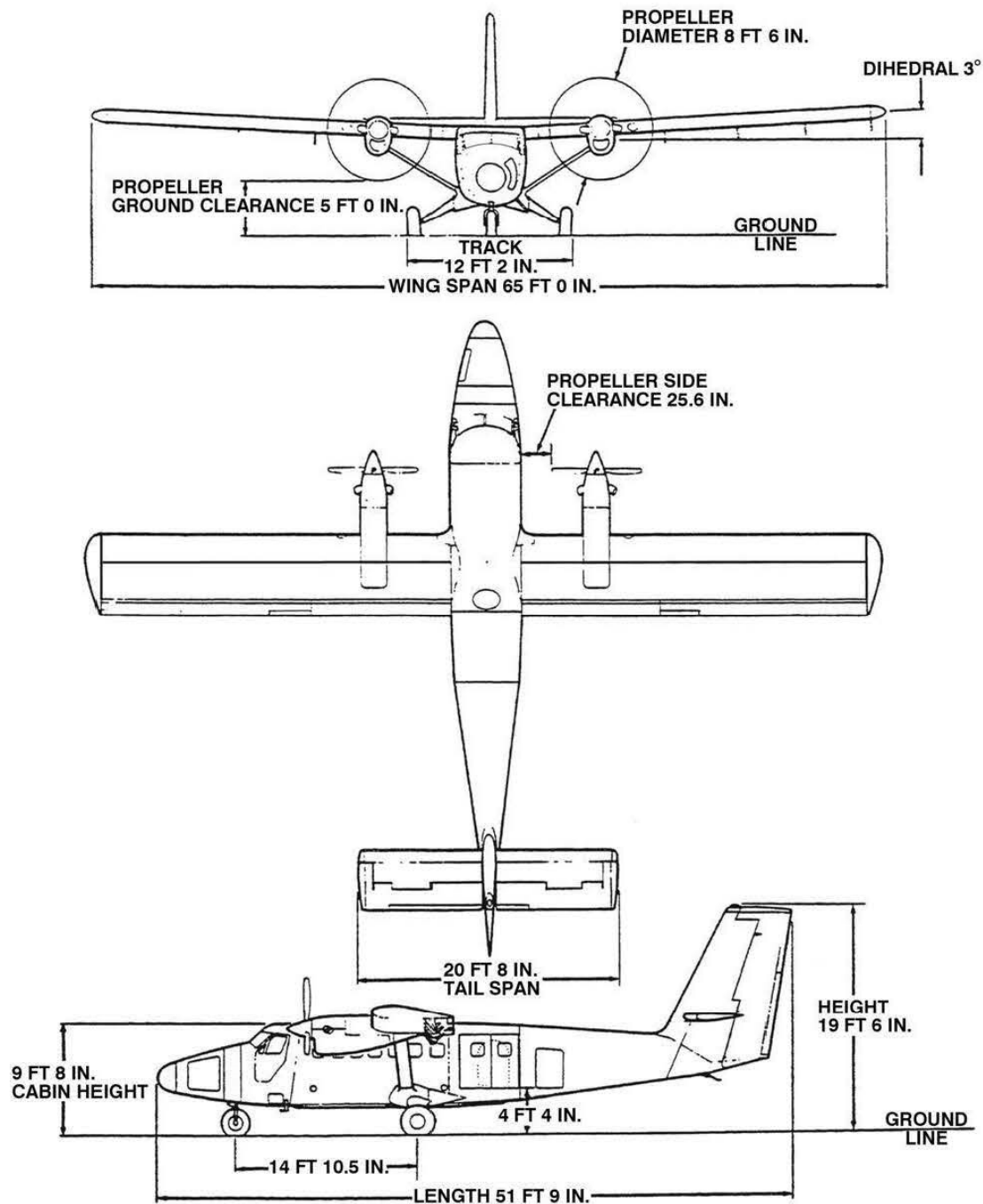
RH Engine S/N: PCE-41504

ENG PN :	PT6A-27
ENG SN :	PCE-41504
ARC / DATE OF LAST OVERHAUL :	OVERHAULED
DATE OF INSTALLATION :	08-feb-24

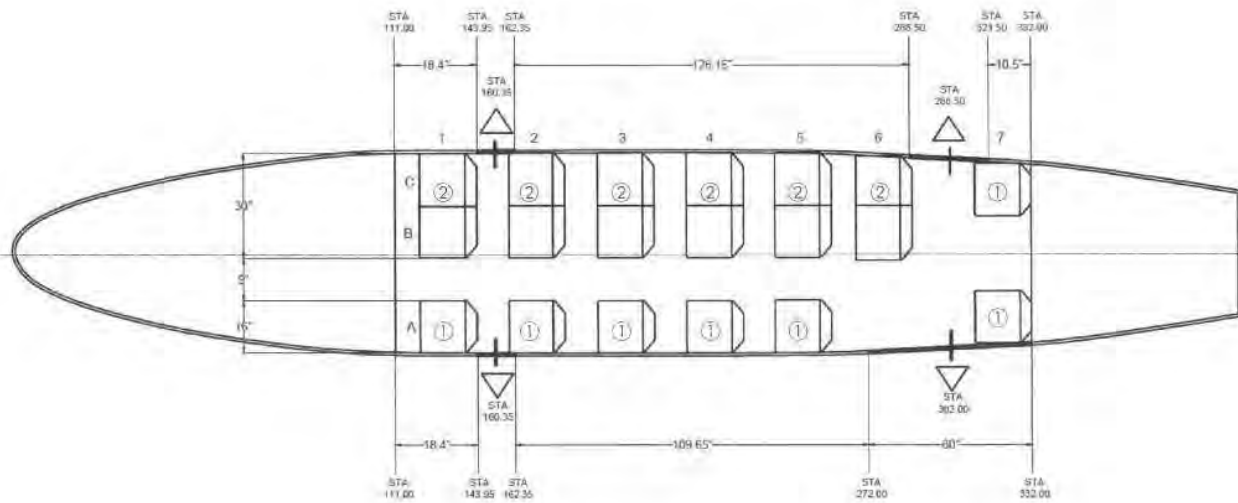
ENG FH :	14685
ENG FC :	12476
STATUS AS OF :	2/27/2025

NO.	DESCRIPTION	PART NUMBER	SERIAL NUMBER	DURING INSTALL		INTERVAL CYCLES LIMIT	LLP DURING FITTED			CYCLE SINCE NEW (CSN)	CYCLE SINCE FITTED	REMA-NING REPLACE (CYCLES)
				ENGINE HOURS	ENGINE CYCLE		HOURS DURING FITTED	CYCLES DURING FITTED	CYCLES REMANING			
1	HUB COMPRESSOR 1 ST STAGE	3013111	A2481	13029:00	10468	19,000	N/A	10,468	8,532	12,476	2,008	6,524
2	DISK COMPRESSOR 2 ST STAGE	3013712	A6234	13029:00	10468	24,000	N/A	10,468	13,532	12,476	2,008	11,524
3	DISK COMPRESSOR 3 ST STAGE	3011713	B3090	13029:00	10468	25,000	N/A	10,468	14,532	12,476	2,008	12,524
4	IMPELLER	3013176	A7435	13029:00	10468	19,000	N/A	10,468	8,532	12,476	2,008	6,524
5	DISK COMPRESSOR TURBINE	3013411	23B00	13029:00	10468	16,000	N/A	6,241	9,759	8,249	2,008	7,751
6	DISK POWER TURBINE - DISCARD	3022412	A5558	13029:00	10468	20,000	N/A	10,468	9,532	12,476	2,008	7,524

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Summary:

1. Both landing gear good to go till 2029. Both were Installed new in 2019 good for 10 years/ 24,000 Cycles.
2. CPCP - 5 yrs Corrosion good to go for 2026.
3. Propeller good till 2026.
4. No Major Inspection due till 2026.
5. LH engine PCE-40162 has 633 Hrs remaining RH engine PCE-41504 has 1944 hrs remaining.
6. All the engine Disk sheets are good. Both engines have 10,000 + Cycles remainng on disk except Rear hub which has 5,457 Cycles remaing on LH engine and 6,524 Cycles remaining on RH engine.
7. The interior is like brand new aircarft has flown only 1000 hrs since last refurbishment.
8. Wing has good service life remaining it has 26,933 Hrs/ 58072 Cycles remaining.
9. Wing Strut has 26,933 hrs/ 64072 Cycles life remaining.
10. Replacement of fuselage frame 218 has good servicelife life remaining. It has 28,960 Hrs/ 60,468 Cycles remaining.

De Havilland DHC-6-300 Twinotter



Disclaimer: Pictures are for reference only

- Worlds Least Utilized Series 300
- Fully Refurbished
- VIP, Shuttle or Float Configurations Available
- Conventional or Modern Cockpit options available

Airframe

Total Time Since New

7578.37 Hrs

Total Cycle Since New

9527 Cycles

Engine

Subject to change prior Notice

Pratt & Whitney Canada- PT6A-27

Left

ESN: PCE 42723

TT: 3599.1 Hrs

TC: 3687 Cycles

TSO: 0 hrs

CSO: 0 Cyc

Right

ESN: PCE 42720

TT: 3903.9 Hrs

TC: 4179 Cycles

TSO: 0 hrs

CSO: 0 Cyc

*Option for PT6A-34 STC available on request





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Propellers

HC-B3TN-3D / T10282N

Subject to change prior Notice

Left

SN: BUA 23395

TSO: 0 Hrs

Utmost Calendar Life Remaining

Right

SN: BUA 34208

TSO: 0 Hrs

*Option for other propeller models available on request



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Avionics

Subject to change prior Notice

- Dual Flight Directors - Garmin GNS 650 W - Dual NAT AMS43HP Audio Panels
- Radar Altimeter - Garmin GNS 750W - NAT AA20-431 PA Pump
- Dual HSI - Garmin GTX335 Transponder w/ ADS-B Out - Honeywell KNI582 RMI
- Dual ASI - Artex G406 ELT - Honeywell KMR675 Marker Receiver
- Dual VSI - Cabin Briefing System - Emergency Standby Horizon
- Collins DME - BF Goodrich Skywatch System - Dual Turn and Slip Indicators

*Option for Garmin 950 STC available on request

Interior

Subject to change prior Notice

- Hi or Low back Utility Seats – Number of Seats 19
- VIP or any other configuration available

*Option for custom interior available on request



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