DHC 8 200 Aircraft Specifications

MSN 494 | N8200H |



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Aircraft overview

Aircraft	Detail	Aircraft	Detail
Type and model	DHC-8-200	Total aircraft time	39,316
Serial number	494	Total aircraft cycles	39,498
Registration	N8200H	Configuration	No interior installed
Owner	Dynamic Aviation	Aircraft status	In maintenance
Current location	Bridgewater, Virginia	Year of manufacture	1997

Maintenance program

Check	MPD interval hours / months	Remaining hours / calendar date
1C	5,000 / 60	Due
2C	10,000 / 120	9,188 / May 2030
3C	15,000 / 180	4,565 / Nov 2028
4C	20,000 / 180	9,565 / Nov 2028
6C	30,000 / 240	19,565 / Dec 2033

Aircraft is in maintenance with C check not completed. Long-range tanks installed.

Landing gear – currently installed

Nose landing gear

Part description	Part number	Serial number	OH cycles remaining	Calendar due	Life cycles remaining
Drag Strut Assembly, Nose	8200-105	DCL 295/90/99R	8,517	Apr-30	8,517

Left main landing gear

Part description	Part number	Serial number	OH cycles remaining	Calendar due	Life cycles remaining
Shock Strut Assembly	14200-123	DCL098HGW/96	19,796	Nov-34	19,796
Piston	10105-11	DCL901WHM	19,796	Nov-34	19,796
Cylinder	10115-11	07ALT0012	30,000	Nov-34	48,141
Upper Torque Link Pin	10106-1	19CPS3039	30,000	Nov-34	60,000
Apex Pin	10109-1	20CPS3894	30,000	Nov-34	60,000
Brake Pin	10110-1	DCL1856	19,796	Nov-34	19,796
Brake Pin	10110-1	DCL1950	19,796	Nov-34	19,796
Pin, Strut to Yoke	10150-5	19EXC6207	24,240	Nov-34	24,240
Upper Torque Link	10135-3	08EXC1675	30,000	Nov-34	49,716
Lower Torque Link	10125-3	EXC1218	30,000	Dec-34	40,462
Stabilizer Stay Assembly	10400-105	DCL610/92	13,323	Aug-35	13,323
Drag Strut Assembly	10200-11	DCL754-96	21,037	Jun-29	21,037
Drag Strut, S/A	10205-13	DCL-876	21,037	Jun-29	21,037
Shock Strut Pin	10216-1	142	21,037	Jun-29	21,037
Retraction Actuator Pin	10212-1	DCL-1026	21,037	Jun-29	21,037
Yoke Assembly	10300-7	11MDT0975	29,843	Oct-27	59,768

Right main landing gear

Part description	Part number	Serial number	OH cycles remaining	Calendar due	Life cycles remaining
Stabilizer Stay Assembly	10400-109	DCL776/96	20,568	Aug-35	20,568
Swivel	10301-1	DCL817	20,568	Aug-35	20,568
Forward Stay	10405-3	DCL1256	20,568	Aug-35	20,568
Aft Stay	10415-3	DCL649	20,568	Aug-35	20,568
Drag Strut Assembly	10200-11	06MDT0895	30,000	Aug-32	54,401
Retract Actuator Pin	10212-1	AAP0078	30,000	Aug-32	54,401
Shock Strut Pin	10216-1	17CPS5536	30,000	Aug-32	60,000
Drag Strut S/A	10204-13	06MDT1045	30,000	Aug-32	54,401
Yoke Assembly	10300-7	12MDT0994	30,000	Jul-33	53,829
Yoke Sub-Assembly	10304-5	11ALT150065	30,000	Jul-33	53,829
Pin	10307-1	15CPS2260	30,000	Aug-35	60,000

Engines

Pratt & Whitney PW123 | TBO on condition

Measure	Left TM/RGB	Right TM/RGB
Serial number	AR0011	AG0061
Hours since new	35,259	37,327/36,733
Cycles since new	39,343	36,486/35,664

Measure	Left TM/RGB	Right TM/RGB
Hours since HSI	1,757	16,549
Hours since overhaul	22,148	15,529
Cycles since overhaul	24,435	N/A / 5,051

Engine life limited parts

Component and cycle life limit	Left cycles remaining	Right cycles remaining
LP impeller (15,000)	7,220	8,430
HP impeller (15,000)	7,220	8,430
HPT front cover plate (15,000)	7,220	8,430
HP disk (15,000)	7,220	8,430
HPT rear cover plate (15,000)	7,220	8,430
Interstage air seal (15,000)	7,220	8,430
LP disk (15,000)	7,220	8,430
1st PT stage (30,000)	7,220	23,430
2nd PT stage (30,000)	20,220	23,430
HPT blades (15,000)	20,220	8,430

Propellers

Hamilton Standard 14SF-23 – not installed at this time

Component	Serial Number	OH Hour remaining	Calendar Due
Hub (TBO 10,500 hours / 7 years)	2011100057	6,952h	10/2023
Blade 1 (TBO 10,500 hours / 7 years)	2008010640	6.952h	10/2023
Blade 2	887873-23	4,728h	11/2022
Blade 3	2009030008	9,689	08/2027
Blade 4	862461-11	9,689h	08/2027
Blade 5	888392-23	9,041h	08/2027

Avionics listing

Equipment	Source status
VHF Comm x2	TBD
HF Comm x1	TBD
Flight Guidance Computer x2: Honeywell	TBD
DME x2: Collins	TBD
Transponder x2: Collins	TBD
ADF x1: Collins	TBD
REU: Avtech	TBD
Radio Altimeter: Honeywell	TBD
Nav x2: Collins	TBD
HSI x2: Sperry	TBD
ADS-B (Out)	TBD
ADI x2: Sperry	TBD
RMI x2: Honeywell	TBD
TCAS: Collins	TBD
FMS x2: Universal	TBD
VSI x2: Collins	TBD
Air Data Computer x2: Honeywell	TBD
FMS Display x2: Universal	TBD
EGPWS: Honeywell	TBD
FDAU: Teledyne	TBD
Flight Guidance Control	TBD

Specifications are not guaranteed and are subject to review and verification.