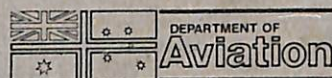


N 420 TD



AIRCRAFT ENGINE LOG BOOK

ENGINE SERIAL No. 11672 MK10/2

LOG BOOK No. 2

The subject aircraft was involved in an incident /
accident on 11/6/2024 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 6750751475US.

Signed: ***Underwriters Salvage Company***

Date: **1/6/2025**

ALG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

REPAIR AND RECONDITIONING LOG



Maintenance Record

N420TD *Hoffmann * SN 80252

Hobbs: 445.2

DATE: 02/03/2024

Removed spinner and visually inspected prop and back plate for cracks, missing hardware, and security of installation. No new or recurring AD's due at this time. I certify that I have Inspected this propeller IAW an 100 hr inspection per 14CFR 43 appendix D and found to be in a condition of safe operation at this time.

Aircraft Structural Inspections LLC
FAA CRS #1NPR910B
Mountain View Ar 72560

Aircraft Make & Model Dehavilland Chipmunk Aircraft Registration N420TD
Date 23 Feb 2024 Aircraft Hobbs Time 445.6 Serial Number 18018

I Certify that the Transponder Garmin S/N: 83715911 Tests Required by 14CFR, FAR 91.413 IAW Part 43 Appendix F have been performed and comply with the required data. All other information may be found in ASI WO#6906.

#1NPR910B.

This Transponder S/N: 83715911 was tested and inspected In Accordance with FAR91.413 and Part 43 Appendix F.
ASI WO# 6906
Date: 23/FEB/2024
FAA CRS 1NPR910B

REPAIR AND RECONDITIONING LOG

Details of Work Done

Aug. 7th, 2020 Hobbs: 423.9 Tach: 119.1
 C Inspected engine after previously removed cowling. Installed previously removed prop with new prop seal P/N. Removed fuel pumps, inspected, + replaced fuel pump diaphragms P/N. Installed fuel pumps. Inspected engine mounts, lubricated all points of movement. Filled valve covers with oil. Completed ops check engine run. I certify this engine has been inspected IAW the scope + detail of FAR Part 43 Appendix D + is in condition of safe operation. *Alan [Signature]* #3743008

REPAIR AND RECONDITIONING LOG



Maintenance Record

N420TD *Gypsy Major 10 * SN 11672

Hobbs: 445.2 TSMOH: 140.4

DATE: 02/03/2024

Comp 1)73/80, 2)70/80, 3)74/80, 4)75/80. Changed oil and serviced with 7 qts Aeroshell W120. Pulled all oil screens and scupper cleaned and inspected for operation and debris-none found at this time. Clean, gap and rotate spark plugs. Inspected electrical, plumbing, drained carb bowl and safety wired. Inspected exhaust systems for leaks and cracks checked engine magneto timing. Inspected brackets for cracks and fit. lubricated engine controls and check for freedom of movement. Adjusted card heat for freedom and proper movement. Adjusted carb controls at carb for proper range of motion. All Ads have been complied with to date. Ran engine, leak and ops all good, instruments in the green. I certify that this engine has been inspected IAW an 100 hr inspection per FAR 43 Appendix D and found to be in a condition of safe operation at this time. *END*

Daniel R Carlile
Daniel R Carlile
 A&P 3815269 IA

REPAIR AND RECONDITIONING LOG

Details of Work Done

April 26, 2014 Hobbs-0399.1 TSMOH-94.3

Cleaned oil filter screens & drained, serviced with Aeroshell 120, cleaned spark plugs and checked gap, pulled and cleaned fuel system filter screens, inspected all hoses and lines for condition ok, test ran engine (all parameters good) Magneto grounding and checks ok.

I certify that this Aircraft/Engine Has Been inspected in Accordance with the scope and Detail of FAR 43 Appendix D and found to be in safe condition for safe operation. *Th. Alamy* 3542597 A+P

May 28, 2015 Hobbs-0407.5 TSMOH-102.7

checked and cleaned oil filter screens, cleaned plugs, checked gap (ok), cleaned fuel screen filters, inspected hoses and lines for condition, test ran engine (all parameters good) Mag. grounding checks ok.

I certify that this Aircraft/Engine, Has been inspected in Accordance with the scope and Detail of FAR 43 Appendix D and found to be in safe condition for safe operation. *Th. Alamy* 3542597 A+P

REPAIR AND RECONDITIONING LOG

Details of Work Done

April 23, 2017 Hobbs-~~0416.3~~^{111.5} TSMOH-~~103.4~~^{111.5}

Changed oil, cleaned oil ^{Fuel} screens, cleaned and gapped spark plugs, Test ran engine (all parameters good). Compression checks (good)

I certify that this Aircraft/Engine Has been inspected in accordance with the scope and detail of FAR 43 Appendix D and found to be in safe condition for safe operation. *Th. Alamy* 3542597 A+P

REPAIR AND RECONDITIONING LOG

Details of Work Done

3 2010 Hobbs 375.5 TSMOH 88.0

DRAINED OIL CHECK SCREENS, SEALED TACH DRIVE CABLE, CHECKED VALVE CLEARANCE, SERVICED WITH AEROSHELL, CLEANED & GAPPED PLUGS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE DETAIL OF APPENDIX D TO PART 43 AND FOUND TO BE IN SAFE CONDITION FOR SAFE OPERATION

[Signature]
AP 442742056

CH 30 2011

Hobbs 381.1

TSMOH 93.6

DRAINED OIL. ADJUSTED VALVE CLEARANCE. CLEANED & GAPPED PLUGS. SERVICED OIL WITH AEROSHELL 120W

I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IAW THE SCOPE & DETAIL OF APPENDIX D TO PART 43 AND FOUND TO BE IN SAFE CONDITION FOR SAFE OPERATION.

[Signature]
AP 442742056

N 420TD REPAIR AND RECONDITIONING LOG

Details of Work Done

April 16 2012 Hobbs 383.8 TSMOH 93.3

CLEANED ALL SPARK PLUGS, WASHED ENGINE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION/END

[Signature]
AP 368489243

March 28 2013 Hobbs 398.1 TSMOH 107.6

DRAINED OIL. CLEANED OIL FILTERS SCREENS, ADJUSTED VALVE CLEARANCE, CLEANED & GAPPED PLUGS. SERVICED OIL WITH AEROSHELL 120W. ADJUSTED IDLE FOR LOW IDLE CONDITION (SET TO 2000 RPM IDLE)

TEST RUN ENG. ALL PARAMETERS GOOD. I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN SAFE CONDITION FOR SAFE OPERATION.

[Signature]
AP 3542597

REPAIR AND RECONDITIONING LOG

04/21/2005 ENGINE TSMOH 1.0

REMOVED ENGINE FOR AIRCRAFT RESTORATION, CLEANED AND PAINTED ENGINE AND ACCESSORIES, REINSTALLED, ADJUSTED VALVES TO .005, CLEANED AND GAPPED PLUGS, CHECKED COMPRESSION, #1-78, #2-77, #3-79, #4-78, CHECKED AND ADJUSTED TIMING TO 30 DEGREES, CHANGED OIL USING AEROSHELL 100W, GROUND RUN TO CHECK FOR PROPER OPERATION AND LEAKS

DEC. 2006

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED ON DEC. 12, 2006 IN ACCORDANCE WITH THE SCOPE & DETAIL OF APPENDIX D TO PART 43 AND FOUND TO BE IN SAFE CONDITION FOR SAFE OPERATION.

[Signature] AP 412742056

REPAIR AND RECONDITIONING LOG

CP AVIATION

830 E. SANTA MARIA STREET, #301
SANTA PAULA, CA 93060
(805) 525-2138

REG: N754RB MAKE: Gypsy Major 10 SERIAL: 11672
DATE: 2/23/2008 HOBBS: 317.5 SMOH: 30.0

Removed nut and oil line to gain access to magneto gear orifice screen, cleaned, inspected and safety wired. Removed nut, inspected orifice, installed nut with new lock-washer. Drained oil, checked screens, added Aeroshell 100W. Compression #1 74 #2 76 #3 76 #4 72. I certify that this engine has been inspected in accordance with the scope and detail of Appendix D to Part 43 and found to be in a condition for safe operation.

[Signature] AP 3174855

4-16-2009 N420TD

HOBBS 355.2 SMOH 67.7

DRAINED OIL CHECK SCREENS. ADJUSTED VALVES. REPLACED OIL WITH AEROSHELL 100W. CLEANED & GAPPED PLUGS. REMOVED MAGS. INSTALLED SLICK MAG MOD. CHECKED COMPRESSIONS, ALL IN 70's. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D TO PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION.

[Signature] AP 412742056

REPAIR AND RECONDITIONING LOG

Details of Work Done

29/11/96

Engine overhauled in Accordance with D/H Gipsy Major Series 10 overhaul Manual and CAO PART 106 and AD/ENG/4 AND T2 PART 2.

Major Parts used:

QTY	PART NO.	ITEM
4	34636	oil Rings
6	34635	Compression Rings
4	800-48	Con Rod bearings
2	35308	WATERAL - Main Bearings #1 Front.
6	35309	" " " #2 #3 #4
2	39184	" " " #5 Rear
4	36837	Exhaust Valves
4	34537	Inlet Valves

AD/DHE/26/1 Induction Manifold Pressure Test
 Engine Block Line Bored Main & Con rods.
 Both Magnetos overhauled + AD/ELEC/7 Incorporated

REPAIR AND RECONDITIONING LOG

Details of Work Done

Continued.

Engine Test Run in accordance with O/H Manual & Met all requirements.

For & on Behalf of
 Rad. Aircraft Engineering
 CASA APPROVAL NO 3229.

15.8.97 @ 8420 AIF HRS. ENGINE INSTALLED IN VH-20T. Ground Run
 SATISFACTORY. ALL NEW HOSES FITTED. - J5N11306
DENT AVIATION CERTIFICATE OF APPROVAL NO C 102618

11.9.97 Periodic Inspection C/O.

AD/DHE/26 C/O No defect.
 ENTERED IN ERROR Blaini 4454

COMPRESSION CHECK					
1	2	3	4	5	6
74	72	75	75	80	80
80	80	80	80	80	80

FOR & ON BEHALF OF GOAIR PRODUCTS PTY LTD
 APPROVAL NO 2324
 Results satisfactory New engine.
 Blaini 4454

REPAIR AND RECONDITIONING LOG

Details of Work Done

July 11. Engine Completely Overhauled in Accordance with
 D/A. Lisy Major Series 10 Overhaul Manual.
 CAA PART 106. & AD/ENG/H AND TI PART 2.
 Test Run as per Manual.
 Parts used.

4 - 34636 - OIL RINGS.
 8 - 34635 - COMPRESSION RINGS.
 4 - 800-48 - CON ROD BEARINGS.
 2 - 35308 - VANDERVELL - MAIN BEARINGS #1 FRONT.
 6 - 35309 - " " " " #2 #3 #4.
 2 - 39184 - " " " " #5 REAR.
 4 - 36837 - EXHAUST VALVES.
 4 - 34537 - INLET VALVES.

AD/DHE/26/ INDUCTION MANIFOLD PRESSURE TEST
 Engine Ground Run & Oil Pressure adjusted.

Engine Block Line Bored Main & Con Rod, carried out by Bankstown
 Reconditioning Repair Order 6868. Both Magneto's

REPAIR AND RECONDITIONING LOG

Details of Work Done

Overhauled by Welker Aviation + AD/ELECT/7 Incorporated both
 Magneto's Release Note N°332.
 Magnifying of Item by Hawker DEH - Bankstown N°7/88.
 See Page 84 for A.D. Incorporated.

Blumstein App. N°2421.
 for On behalf of Ray Wicks Lustrantje

[illegible]

COMPONENT CHANGE RECORD

Component	Part No.	Serial No.	Date			At Installation	Due Removal	A Rem
			Installed	Removed				
MAGNETO R/H	BTH AG4	542996			Cycles			
MAGNETO L/H	BTH AG4	N89607			A/C hrs T.I.S.			
					Cycles			
					A/C hrs T.I.S.			
CARBURATOR	A1-48P	Z 78821			Cycles			
					A/C hrs T.I.S.			
PUMP FUEL R/H	DHA	40435			Cycles			
					A/C hrs T.I.S.			
PUMP FUEL L/H	DHA	50560			Cycles			
					A/C hrs T.I.S.			
					Cycles			
					A/C hrs T.I.S.			
					Cycles			
					A/C hrs T.I.S.			
					Cycles			
					A/C hrs T.I.S.			
					Cycles			
					A/C hrs T.I.S.			

ENGINE: Manufacturer BRISTOL SIDDELEY ENGINES LTD ENGLAND

Type GIPSY MAJOR "10"

Model MARK "2"

Serial No.

Consolidated
~~10726~~ 11672

Date when first put into service 1967

OWNER: Name

Address

OWNER: Name

Address

OWNER: Name