

ERA24FA075

AIRWORTHINESS

Group Chair's Factual Report - Attachment 2
N757TB Aircraft Logbook - August 18, 2023 entry

Make: MD



Reg. No.: N757TB

Model: MD369E

Airframe Logbook Entry

Date: 18 AUG 2023

Serial No.: 0166E

ENG TSN: 7864.3 ENG TSO:

W/O No.: DHC111

ACTT: 7468.3 TQ E: 5950

HOBBS: 7468.3 LNDGS: 5950

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Description of Work Accomplished

INSPECTIONS PERFORMED:

100 HR or Annual Inspection as per MDHI CH-5-20-00 Table 1
Yearly Inspection as per MDHI CH 5-20-15
300 HR INSP as per MDHI CH 5-20-10 Table 1
600 HR/Yearly Inspections as per MDHI Chapter 5-20-15 Table 1
600 HR/Special Inspections as per MDHI 5-20-20 Table 1
FAR 91.207 (d) ELT Annual Inspection for Model ME408HM
250 HR Starter/Generator Brushes Inspection. Brushes 1/2 life
12 month & 1 Month Port Fire Extinguisher inspection and weighing as per NFPA-10 & Chapter 26
12 Month Concorde Battery CAP Check (Initial) Performed By Plane OL Batteries

LUBRICATIONS PERFORMED:

Main Transmission Oil drain, flush and filter change Replaced Oil filter with new Item P/N: 1761470 Serviced with Mobil Jet AGL
T/R Gear box oil change, serviced with Mobil Jet AGL
Engine Oil Change, Serviced with Mobil Jet 254
12 Month M/R Hub Lubrication

ENGINE INSPECTIONS PERFORMED:

150 HR/ 12 Month Engine Inspection as per RR 250 C20 OMM Table 603
300 HR/12 Month Engine Inspection as per RR 250-C20 OMM Table 603
600 HR Engine Inspection as per RR 250-C20 OMM Table 603
600 HR/12 Month Type 3 Engine Oil Change. Serviced with Mobil Jet 254
100 HR Engine Compressor Wash and rinse
300 HR/12 Month Scavenge Oil Filter change, Installed P/N: 038088-08
100 HR/Annual PC Safety Valve ICA Inspection as per Aeronautical Accessories Report AA-99045
100 HR PC Safety Valve Stem Over Torque Inspection as per Aeronautical Accessories ASB AA-06107
AD's, ASB's, TB's & ICA's:
FAA AD 94-24-04 DTD 13 DEC 1994, Pitch Control Lock washer inspection 100 HR Recurring. No Defects
FAA AD 89-02-01 R1 DTD 19 July 1990, M/R Hub Strap Pack 100 HR recurring inspection. No Defects
FAA AD 88-17-09 (a)(2) DTD 26 DEC 1989, 25 HR Tail Rotor Transmission Insp. No Defects
FAA AD 88-17-09 (a)(2) DTD 26 DEC 1989, 100 HR Tail Rotor Transmission Insp TQ Check. No Defects
FAA AD 2019-05-04 DTD 17 APR 2019, 100 HR Recurring M/R Blade Tab Inspection. No Defects
FAA AD 2021-22-11 DTD 10 JAN 2022, Interior of TQ Tube INSP. No Defects
FAA AD 2005-21-02 DTD 7 OCT 2005, M/R Blade Inspection for Cracks on Blades
SB369D-229R2 dtd 24 MAR 2021 300 HR Recurring Inspection Co-pilot to Pilot TQ Tube Inspection, No Defects
100 HR/Annual Instrument Panel Inspection as per United Rotorcraft Solutions ICA 1548-02954
100 HR FDC Aerofilter Inspection as per FDC/Aerometals ICA 1369 Series ICA-1
300 HR FDC Aerofilter Inspection as per FDC/Aerometals ICA 1369 Series ICA-1
Annual FDC Aerofilter Inspection as per FDC/Aerometals ICA 1369 Series ICA-1
100 HR Rapid Removal Door System as per Certified Technology ICA CT-9602-2
100 HR/1 Year Skid Tube Position Light Assemblies inspection as per Aerometals ICA AM-11
100 HR/Annual Engine Gear Box Breather Hose Kit Inspection as per Heli-Tech ICA 012104
100 HR/Annual Landing Gear Struts Inspection as per Aerometals ICA AM1-16
100 HR Integrated Flight Systems seat pan Inspection as per IFS ICA DL-3-ICA
100 HR HT400 Inspection Panel Kit as per Heli-Tech ICA HT400-ICA
100 HR Cascade STC Aluminum Strut Leg Fairing Inspection as per Cascade Camloc Fairing Installation Instructions CAR-5010-51
100 HR/Annual Crew Door Actuator Inspection as per Paravion Technologies ICA PR-369DA-120M
100 HR/ Annual HTC Blade Inspection as per HTCMM HTCMM-001 on Blades No Defects
300 HR/ Annual HTC Blade Inspection as per HTCMM HTCMM-001 on Blades No Defects
100 HR HTC Blades Corrosion Inspection & Protect as per HTCMM HTCMM-001 on Blades
100 HR HTC Main Rotor Blade Root Fitting Inspection as per HTCMM HTCMM-001 on Blades, No Defects

MAINTENANCE PERFORMED:

Removed and reinstalled M/R Blades, Main drive shaft, Overrunning Clutch, aux fuel tank, ACFT Battery, Starter/Generator, Cowlings and fairings to facilitate other maintenance.
Ground run and leak check good
Removed OAT Gauge and installed plug in L/H windscreen.
Removed NVG filters from the faces of Garmin 750 and Radio control head as per customer request.
Replaced 4 each battery mount screws with new items P/N: MS24694S50
Set GCU switch to position 3 for installed 150 AMP Generator.
Installed True Blue USB-C adapter/Charger TA-360 Type C S/N: B23-12618 in place of Model TA102 S/N: D18-11983 same location, same power connection
Maintenance operational check good

All work performed as per MDHI Maintenance Manual CSP-HMI-2 and RR 250 C20 OMM
Approval for Return to Service

I certify the article(s) identified above was repaired and inspected in accordance with current FAA regulations and manufacturer's Maintenance and repair publication, has been found to be in an airworthy condition and is approved for return to service. Pertinent details are on file at this agency under this work order. This aircraft is maintained under FAR Part 91.409 (f)(3).

Authorized Signature:

Stephen A. Schlecht AF

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