

ANC24LA017

AIRWORTHINESS

Group Chair's Factual Report - Attachment 2

N633JH aircraft logbook excerpts for maintenance accomplished
on January 19 and February 21, 2024

MD Helicopters, Inc.
ROTORCRAFT LOG BOOK
ROTORCRAFT INSPECTION / MAINTENANCE LOG

MODEL 369E

SERIAL NO. 0230F

PAGE 250



N633JH Airframe Logbook Entry

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Version: 1

Airframe Make & Model (Serial) MCDONNELL DOUGLAS 369F (0230E)	Operator Jack Harter Helicopters, Inc.	Date 21-Feb-2024	Airframe Hours 25050.60	Airframe Landings 25123
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— Performed the Following Scheduled Items —

01. 5 - 100 HOUR MDHI HMI-2 INSPECTION ITEMS Next Due - H: 25160.60
02. 5 0035 - M/R BLADE 35 INSPECTION Next Due - H: 25095.60
03. 5 20-00 - A/F 100 ICA INSPECTION Next Due - H: 25160.60
 - 25 2010 - SEAT PANS - VISUAL CHECK OF CONDITION AND SECURITY - Notes: INTEGRATED FLIGHT SYSTEMS DL-3-ICA REV. TR DATED 10/01/06
 - 25 2020 - SKID TUBE POSITION LIGHTS - VISUAL CHECK OF CONDITION AND SECURITY
 - 25 2030 - PI PNEUM PANEL - VISUAL CHECK OF CONDITION AND SECURITY - Notes: PHOENIX HELIPARTS PHP-153 PARA 7.0 REV. N/C DATED 5/1/2008
 - 25 2040 - ENGINE GEARBOX BREATHER KIT - VISUAL AND TORQUE CHECK - Notes: HELI TECH DOCUMENT NO. 012104 DATED 4/10/2006
 - 25 2050 - KANNAD 406 ELT - ELT & RCP OPERATIONAL TEST FAR 91.207(D); 91.409 AND 43 APPD - Notes: KANNAD DMA174L REV. 12 DATED 6/23/2008 PAGE 301.
 - 25 2060 - CARGO HOOK ATTACH POINT - SECURITY AND OPERATION - Notes: ON BOARD SYSTEMS OM-120-073-01 REV. 1 DATED 5/2/2012
 - 25 2070 - CARGO HOOK KIT TALON LC KEEPERLESS HOOK - SECURITY AND OPERATION - Notes: ONBOARD SYSTEMS ICA-123-003-01 SECTION 5.2 REV. 0 DATED 3/10/10
 - 25 2090 - TELEDYNE BATTERY INSTALLATION - CHECK AND SECURITY
 - 25 2100 - PC SAFETY VALVE KIT - SECURITY OPERATION AND TORQUE - Notes: AERONAUTICAL ACCESSORIES AA-99045 REV. A DATED 1/6/2015
 - 25 2110 - CASCADE LEG FAIRINGS - CHECK HARDWARE, HOLES AND EDGE RUBBER
 - 25 2120 - RAPID REMOVAL DOOR/COWL SYSTEM - CHECK AND TREAT FOR CORROSION
 - 25 2140 - EXHAUST TAIL PIPEOUTLET HANGER ASSY - CHECK
 - 25 2150 - CARGO MIRROR KIT - CHECK
 - 25 2160 - SWASHPLATE CLIP KIT - CHECK
 - 25 2180 - AEROMETALS LANDING GEAR STRUT - INSPECT
 - 25 2190 - AEROMETALS MAIN ROTOR BLADE ATTACH - INSPECT
 - 25 2210 - FLIGHT TRAILS COURTESY HANDLES - INSPECT - Notes: FLIGHT TRAILS HELICOPTERS ICA-FTH-8029 DATED 4/11/12
 - 25 2220 - FREE FLIGHT RADAR ALTIMETER SYSTEM - INSPECT - Notes: PHOENIX HELIPARTS PHP-ICA-485 REV. N/C DATED 09/17/2015
04. 64 - TAIL ROTOR BALANCE - Work Description: BALANCED TAIL ROTOR ASSEMBLY TO 0.055 IPS IN REFERENCE TO MDHI CSP HMI-2 AND MICROVIB II MANUAL. Next Due - H: 25160.60
05. 65 - TAIL GEARBOX OIL - Work Description: DRAINED AND REPLENISHED TAIL GEARBOX OIL WITH NEW MOBIL AGI OIL. Notes: DRAINED AND REPLENISHED TAIL GEARBOX OIL WITH MOBIL AGI. INSPECTED AND TESTED MAGNETIC CHIP PLUG. Next Due - H: 25160.60

— Performed the Following Component Changes —

- | | | | | | | | | | |
|--|--------|--------------|--------|-----------------|-------------------|-----|--------|-----|--|
| 06. 73 1430 - NO. 1 ENGINE - FUEL CONTROL - Work Description: REMOVED FUEL CONTROL P/N 2524644-32HX S/N 332518 TSO:2203.4 FOR LINKAGE PLAY AND INSTALLED FUEL CONTROL P/N 2524644-32HX S/N 321039 TSO:642.9 TSR:0.0 Next Due - H: 16574.40 | | | | | | | | | |
| PN Off | SN Off | PN On | SN On | Removal Reason | Inst. Part Status | MSO | TSO | CSO | |
| 2524644-32HX | 332518 | 2524644-32HX | 321039 | [U] Unscheduled | [R] Repaired | - | 642.90 | - | |

— Performed the Following Service Bulletins —

07. SB 2100-9 - INSPECTION OF MAIN ROTOR BLADES FOR CRACKS - Notes: IAW SB Next Due - H: 25160.60
08. SB EN-44 - M/R STRAP PACK INSPECTION Next Due - H: 25160.60
09. SB EN-78 - T/R S/P LOCKWASHER ROTATION INSPECTION Next Due - H: 25160.60
10. SB369E-119 - MAIN ROTOR BLADE ENHANCED 100 HOUR FOR CRACKS Next Due - H: 25160.60
11. SB369E-121 - ADDITIONAL INSPECTION OF THE MAIN ROTOR BLADE ROOT FITTINGS Next Due - H: 25160.60

— Performed the Following Airworthiness Directives —

12. AD 1989-02-01 R1 - M/R STRAP PACK Eff date 07/19/1990 - Notes: Main Rotor Blade Straps visual and Feel Inspection For Cracks IAW AD visual para (a) MDHC/ EN 44 para a-e,g,i,j 1p 1 Next Due - H: 25160.60
13. AD 1994-24-04 - T/R PITCH CONTROL LOCK Eff date 12/13/1994 - Notes: Main Rotor Blade Straps visual and Feel Inspection For Cracks. IAW AD visual para (a) MDHC/ EN 44 para a-e,g,i,j 1p 1 Next Due - H: 25160.60
14. AD 2019-05-04 - THE UNSAFE CONDITION AS A CRACK IN AN MRB Eff date 4/17/2019 Next Due - H: 25160.60

— Performed the Following Non-Routine Maintenance —

15. DCS - INSIDE DOOR HANDLES REQUIRE REPLACEMENT, - REPLACED 4 EACH INSIDE DOOR HANDLES WITH NEW PMA P/N PTALF612.

GROUND RUN OPERATION AND LEAK CHECKS GOOD. BALANCED T/R TO 0.055. I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED I.A.W. A 35, 100 HOUR AIRCRAFT INSPECTION WITH REF TO MDHI CSP HMI-2, JHH MD 500 ICA LIST AND ROLLS ROYCE 250 C20 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. WORK PERFORMED BY BRENNAN SEMANA, JON WORKMAN, SCOTT OTA, KATIA LOPEZ, AND DON KOEPFGEN.

Technician

Don Koepfgen

License / Cert #

Signature

Date

02/21/2024

Revision 2



N633JH Airframe Logbook Entry

60 - 1/3

Version: 1

Airframe Make & Model (Serial)	Operator	Date	Airframe Hours	Airframe Landings
MCDONNELL DOUGLAS 369E (0230E)	Jack Harter Helicopters, Inc.	19-Jan-2024	24961.40	24852

Performed the Following Scheduled Items

01. 5 - 100 HOUR MDHI HMI-2 INSPECTION ITEMS Next Due - H: 25061.40
02. 5 - A/F 200 Hour ICA Inspection Items Next Due - H: 25161.40
 - A. 25 - ONBOARD SYSTEMS LOAD CELL LUBRICATION AND INSPECTION - Notes: O.M. 120-017-00 R10 10/14/10
 - B. 25 2230 - SCAVENGE OIL FILTER ELEMENT CHANGE - REPLACE FILTER - Notes: REPLACED FILTER WITH NEW P/N 038088-08 REF PUROLATOR F-947 REV. D DATED 3/10/1989.
 - C. 25 2240 - TELEDYNE BATTERY INSTALLATION - SERVICE JUMP JAR - Notes: TELEDYNE BATTERY FOR MDCH 369 REV. 1 SEC. 4.3 DATED 05/03/2004
03. 5 0035 - M/R BLADE 35 INSPECTION Next Due - H: 24996.40
04. 5 0600 - MDHI CSP HMI-2 600 hour special Inspection Next Due - H: 25561.40
05. 5 1150 - ENG 150 INSPECTION Next Due - H: 14768.10
06. 5 1300 - ENG 300 INSPECTION - Work Description: PERFORMED A COMPRESSOR CASE HALF INSPECTION, FOUND SERVICEABLE. REMOVED PC VALVE FOR SERVICE LIFE AND INSTALLED NEW P/N 250-954-105 S/N 6464. REMOVED AND REPLACED ENGINE ANTI ICE VALVE WITH SERVICEABLE INSPECTED P/N 23089960. WORK REFERENCE MDHI CSP HMI-2 AND ROLLS ROYCE OMM 10W2 AS APPLICABLE. WORK REFERENCE ROLLS ROYCE OMM 10W2 AND AERONAUTICAL ACCESSORIES ICA AA-99045. REPLACED STARTER PAD SEAL WITH NEW P/N 23079054 AND 2 EACH PTO SHAFT SEALS WITH NEW P/N 23079072 AND 23063426. DRAINED AND SERVICED ENGINE OIL WITH 4 QUARTS MOBIL 387. REPLACED ENGINE AND AIRFRAME FUEL FILTERS WITH NEW P/N 1743645-02 AND 038072-05. PERFORMED FUEL SYSTEM VACUUM LEAK CHECKS. PURGED FUEL SYSTEM. C/W AIRFRAME SCAVENGE OIL FILTER BYPASS CHECK. OIL FLOW CHECK 250ML. REPLACED FILTER WITH NEW P/N 038088-08. FOUND OK. OIL FLOW CHECK 240ML. GROUND RUN OPERATION, RIGGING AND LEAK CHECKS GOOD. I CERTIFY THAT THIS ENGINE ASSEMBLY WAS INSPECTED I.A.W. A 150, 300, 600 HOUR INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Next Due - H: 14918.10
07. 5 1600 - ENG 600 INSPECTION Next Due - H: 15218.10
08. 5 20-00 - A/F 100 ICA INSPECTION Next Due - H: 25061.40
 - A. 25 2010 - SEAT PANS - VISUAL CHECK OF CONDITION AND SECURITY - Notes: INTEGRATED FLIGHT SYSTEMS DL-3-ICA REV. IR DATED 10/01/06

Revision 2

MD Helicopters, Inc.
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MODEL 369F

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| DATE | <p>B. 25 2020 - SKID TUBE POSITION LIGHTS - VISUAL CHECK OF CONDITION AND SECURITY</p> <p>C. 25 2030 - PLENUM PANEL - VISUAL CHECK OF CONDITION AND SECURITY - Notes: PHOENIX HELIPARTS PHP-153 PARA 7.0 REV. N/C DATED 5/1/2008</p> <p>D. 25 2040 - ENGINE GEARBOX BREATHER KIT - VISUAL AND TORQUE CHECK - Notes: HELI TECH DOCUMENT NO. 012104 DATED 4/10/2006</p> <p>E. 25 2050 - KANNAD 406 ELT - FLT & RCP OPERATIONAL TEST FAR 91.207(D); 91.409 AND 43 APPD - Notes: KANNAD DMA174L REV. 12 DATED 6/23/2008 PAGE 301.</p> <p>F. 25 2060 - CARGO HOOK ATTACH POINT - SECURITY AND OPERATION - Notes: ON BOARD SYSTEMS OM-120-073-01 REV. 1 DATED 5/2/2012</p> <p>G. 25 2070 - CARGO HOOK KIT TALON LC KEEPERLESS HOOK - SECURITY AND OPERATION - Notes: ONBOARD SYSTEMS ICA-123-003-01 SECTION 5.2 REV. 0 DATED 3/10/10</p> <p>H. 25 2090 - TELEDYNE BATTERY INSTALLATION - CHECK AND SECURITY</p> <p>I. 25 2100 - PC SAFETY VALVE KIT - SECURITY OPERATION AND TORQUE - Notes: AERONAUTICAL ACCESSORIES AA-99045 REV. A DATED 1/6/2015</p> <p>J. 25 2110 - CASCADE LEG FAIRINGS - CHECK HARDWARE, HOLES AND EDGE RUBBER</p> <p>K. 25 2120 - RAPID REMOVAL DOOR/COWL SYSTEM - CHECK AND TREAT FOR CORROSION</p> <p>L. 25 2140 - EXHAUST TAIL PIPEOUTLET HANGER ASSY - CHECK</p> <p>M. 25 2150 - CARGO MIRROR KIT - CHECK</p> <p>N. 25 2160 - SWASHPLATE CLIP KIT - CHECK</p> <p>O. 25 2180 - AEROMETALS LANDING GEAR STRUT - INSPECT</p> <p>P. 25 2190 - AEROMETALS MAIN ROTOR BLADE ATTACH - INSPECT</p> <p>Q. 25 2210 - FLIGHT TRAILS COURTESY HANDLES - INSPECT - Notes: FLIGHT TRAILS HELICOPTERS ICA-FTH-8029 DATED 4/11/12</p> <p>R. 25 2220 - FREE FLIGHT RADAR ALTIMETER SYSTEM - INSPECT - Notes: PHOENIX HELIPARTS PHP-ICA-485 REV. N/C DATED 09/17/2015</p> <p>09. 5 20-00 - ANNUAL INSP, Next Due - 17-JAN-2025</p> <p>10. 5 20-10 - MDHI CSP HMI-2 300 hour inspection Next Due - H: 25261.40</p> <p style="padding-left: 20px;">A. 25 2250 - BEAR PAW INSTALLATION - CHECK - Notes: DART ICA-D500-572 REV. 0 SEC. 5.2 DATED 1/21/2002</p> <p style="padding-left: 20px;">B. 28 5740 - REPLACE ANTI-ICE/AIRFRAME FUEL FILTER ELEMENT (IF INSTALLED) (REF. ANTI-ICE FUEL FILTER REPLACEMENT) - Notes: REF CH. 28-25-00</p> <p style="padding-left: 20px;">C. 63 1260 - OVERRUNNING CLUTCH INSP.</p> <p style="padding-left: 20px;">D. 63 1260 - OVERRUNNING CLUTCH SPRAG</p> <p style="padding-left: 20px;">E. 67 20-10 - DO THE BORESCOPE INSPECTION OF THE PILOT-TO-COPILOT TAIL ROTOR TORQUE TUBE</p> <p>11. 5 20-15 - YEARLY INSP Next Due - 17-JAN-2025</p> <p>12. 12 5725 - MAIN TRANSMISSION OIL SERVICING (MOBIL AGL OIL) - Work Description: DRAINED AND REPLENISHED MGB AND TGB OIL WITH MOBIL AGL. REPLACED MGB FILTER WITH NEW P/N 1761470. Notes: EFFECTIVITY: 369D25100 MAIN TRANSMISSION SERVICED WITH MOBIL AGL OIL AND 369F5100 MAIN TRANSMISSION, DRAIN MAIN TRANSMISSION OIL SYSTEM; FLUSH WITH SUFFICIENT NEW OIL TO REMOVE SLUDGE ACCUMULATION. REPLACE FILTER AND REFILL WITH NEW OIL. - REF CH. 12 Next Due - 17-JAN-2025 H: 25561.40</p> <p>13. 25 2300 - PULSE LIGHT - PROPER OPERATION, WIRES, AND CONNECTIONS Next Due - 17-JAN-2025</p> <p>14. 25 2310 - AEROMETALS FUEL VENT EMERGENCY SHUTOFF VALVE - VISUAL CHECK Next Due - 17-JAN-2025</p> <p>15. 63 5715 - MAIN ROTOR FLIGHT CONTROL SYSTEM 600-HOUR INSPECTION - Notes: CYCLIC CONTROL SYSTEM FOR EXCESSIVE SLACK OR FREE PLAY. CYCLIC CONTROL STICK, AT GRIP, FOR PLAY IN EXCESS OF 3/8 INCH (9.53 MM) - REF CH. 67-10-00 Next Due - H: 25561.40</p> <p>16. 63 5720 - MAIN ROTOR DRIVESHAFT INSPECTION - Notes: EFFECTIVITY: 369F5510 MAIN ROTOR DRIVE SHAFT, PERFORM 369F5510 MAIN ROTOR DRIVE SHAFT INSPECTION - REF CH. 63-10-00 Next Due - 17-JAN-2025 H: 25561.40</p> <p>17. 64 - TAIL ROTOR BALANCE - Work Description: BALANCE TAIL ROTOR ASSEMBLY TO 0.082 IPS IN REFERENCE TO MDHI CSP HMI-2 AND MICROVIBE II MANUAL, Next Due - H: 25061.40</p> |
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Version: 1



Airframe Make & Model (Serial) MCDONNELL DOUGLAS 369E (0230E)	Operator Jack Harter Helicopters, Inc.	Date 19-Jan-2024	Airframe Hours 24961.40	Airframe Landings 24852
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— Performed the Following Scheduled Items

18. 65 - TAIL GEARBOX OIL - Work Description: DRAINED AND REPLENISHED MGB AND TGB OIL WITH MOBIL AGL. REPLACED MGB FILTER WITH NEW P/N 1761470. Notes: DRAINED AND REPLENISHED TAIL GEARBOX OIL WITH MOBIL AGL. INSPECTED AND TESTED MAGNETIC CHIP PLUG. Next Due - H: 25061.40

— Performed the Following Component Changes

19. 62 - M/R BLADE - Work Description: REMOVED 5 EACH MAIN ROTOR BLADES P/N 500P2100-105 S/N'S 300E, 301E, 302E, 303E, AND 304E AND INSTALLED 5 EACH NEW P/N 500P2100-105 S/N'S 549F, 550F, 551F, 552F, AND 553F. Next Due - H: 28491.40

PN On	SN On	Removal Reason	Inst. Part Status	MSN	TSN	LSN
500P2100-105	300E	[S] Scheduled	[N] New	-	0.00	-

20. 62 1010 - M/R BLADE - Work Description: REMOVED 5 EACH MAIN ROTOR BLADES P/N 500P2100-105 S/N'S 300E, 301E, 302E, 303E, AND 304E AND INSTALLED 5 EACH NEW P/N 500P2100-105 S/N'S 549F, 550F, 551F, 552F, AND 553F. Next Due - H: 28491.40

PN On	SN On	Removal Reason	Inst. Part Status	MSN	TSN	LSN
500P2100-105	301E	[S] Scheduled	[N] New	-	0.00	-

21. 62 1015 - M/R BLADE - Work Description: REMOVED 5 EACH MAIN ROTOR BLADES P/N 500P2100-105 S/N'S 300E, 301E, 302E, 303E, AND 304E AND INSTALLED 5 EACH NEW P/N 500P2100-105 S/N'S 549F, 550F, 551F, 552F, AND 553F. Next Due - H: 28491.40

PN On	SN On	Removal Reason	Inst. Part Status	MSN	TSN	LSN
500P2100-105	302E	[S] Scheduled	[N] New	-	0.00	-

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22. 62 1020 - M/R BLADE - Work Description: REMOVED 5 EACH MAIN ROTOR BLADES P/N 500P2100-105 S/N'S 300E,301E,302E,303E, AND 304E AND INSTALLED 5 EACH NEW P/N 500P2100-105 S/N'S 549F, 550F, 551F, 552F, AND 553F. Next Due - H: 28491.40
 PN On SN On Removal Reason Inst. Part Status MSN TSN LSN
 PN Off SN Off [S] Scheduled [N] New - 0.00 -
 500P2100-105 303E 500P2100-105 552F
23. 62 1025 - M/R BLADE - Work Description: REMOVED 5 EACH MAIN ROTOR BLADES P/N 500P2100-105 S/N'S 300E,301E,302E,303E, AND 304E AND INSTALLED 5 EACH NEW P/N 500P2100-105 S/N'S 549F, 550F, 551F, 552F, AND 553F. Next Due - H: 28491.40
 PN On SN On Removal Reason Inst. Part Status MSN TSN LSN
 PN Off SN Off [S] Scheduled [N] New - 0.00 -
 500P2100-105 304E 500P2100-105 553F
24. 65 1290 - TRANS. DRIVE COUPLING - Work Description: REMOVED COUPLING P/N AM369H5660 S/N 2241 AND INSTALLED NEW P/N 369H5660 S/N 8564-0420. VERIFIED COUPLING N/A BY S/N TO ASB SB369E-130R1. WORK REFERENCE MDHI CSP HMI-2. Next Due - H: 29261.40
 PN On SN On Removal Reason Inst. Part Status MSN TSN LSN
 PN Off SN Off [S] Scheduled [N] New - 0.00 -
 369H5660 2241 369H5660 8564-0420
25. 72 1450 - NO. 1 ENGINE - PC SAFETY VALVE - Work Description: REMOVED PC VALVE FOR SERVICE LIFE AND INSTALLED NEW P/N 250-954-105 S/N 6464. WORK REFERENCE ROLLS ROYCE OMM 10W2 AND AERONAUTICAL ACCESSORIES ICA AA-99045. Next Due - H: 18118.10
 PN On SN On Removal Reason Inst. Part Status MSO TSO CSO
 PN Off SN Off [S] Scheduled [N] New - 0.00 -
 250-954-105 6178 250-954-105 6464

— Performed the Following Service Bulletins

26. SB 2100-9 - INSPECTION OF MAIN ROTOR BLADES FOR CRACKS - Notes: IAW SB Next Due - H: 25061.40
27. SB 369E-129 R2 - INSPECTION OF THE PILOT-TO-COPILOT TAIL ROTOR TORQUE TUBE Next Due - H: 25261.40
28. SB EN-44 - M/R STRAP PACK INSPECTION Next Due - H: 25061.40
29. SB EN-78 - T/R S/P LOCKWASHER ROTATION INSPECTION Next Due - H: 25061.40
30. SB369E-119 - MAIN ROTOR BLADE ENHANCED 100 HOUR FOR CRACKS Next Due - H: 25061.40
31. SB369E-121 - ADDITIONAL INSPECTION OF THE MAIN ROTOR BLADE ROOT FITTINGS Next Due - H: 25061.40
32. SB369E-131R1 - [RECURRING] SERVICE BULLETIN - 369A7505-7/-8/-14/-15 TAIL ROTOR PEDALS SUPPORT BRACKET INSPECTION 100 HOUR Next Due - H: 25061.40

— Performed the Following Airworthiness Directives

33. AD 1989-02-01 R1 - M/R STRAP PACK Eff date 07/19/1990 - Notes: Main Rotor Blade Straps visual and Feel Inspection For Cracks IAW AD visual para (a) MDHC/ EN 44 para a-e,g,i,j 1p 1 Next Due - H: 25061.40
34. AD 1994-24-04 - T/R PITCH CONTROL LOCK Eff date 12/13/1994 - Notes: Main Rotor Blade Straps visual and Feel Inspection For Cracks, IAW AD visual para (a) MDHC/ EN 44 para a-e,g,i,j 1p 1 Next Due - H: 25061.40
35. AD 2019-05-04 - THE UNSAFE CONDITION AS A CRACK IN AN MRB Eff date 4/17/2019 Next Due - H: 25061.40
36. AD 2021-22-11 - REPORTS OF A SPIRAL CRACK IN THE TORQUE TUBE. VISUALLY INSPECT THE EXTERIOR OF THE TORQUE TUBE AT THE INTERFACE OF THE TORQUE TUBE AND BUSHING SEGMENTS, AND BORESCOPE INSPECT THE INTERIOR OF THE TORQUE TUBE AT THE INTERFACE OF THE TORQUE TUBE AND BUSHING SEGMENTS FOR A CRACK, ELONGATION, AND OTHER DAMAGE. (EFFECTIVE 10 JANUARY 2022) - Notes: COMPLIED WITH AD 2021-22-11 EFFECTIVE 10 JANUARY 2022 VISUAL INSPECTION OF TAIL ROTOR TORQUE TUBE I.A.W. AD PARA (g) AND SB 369E-129R2. NO CRACKS NOTED. Next Due - H: 25261.40

— Performed the Following Non-Routine Maintenance

37. DCS - COLLECTIVE LEVER TWIST GRIP HAS PLAY. - REMOVED COLLECTIVE LEVER ASSEMBLY P/N 369H7352-903 AND INSTALLED SERVICEABLE REPAIRED ASSEMBLY P/N 369H7352-903. ADJUSTED AND VERIFIED N1 RIGGING. WORK IN REFERENCE TO MDHI CSP HMI-2 AND ROLLS ROYCE OMM 10W2 AS APPLICABLE.
38. DCS - ENGINE TO FIRE WALL OIL PRESSURE LINE HAS A WEAR SPOT. - REMOVED AND REPLACED ENGINE TO FIREWALL OIL PRESSURE LINE WITH NEW P/N 369A8010-663. WORK REFERENCE MDHI CSP HMI-2.
39. DCS - OIL COOLER DEFLECTOR FOUND CRACKED. - REMOVED CRACKED OIL COOLER DEFLECTOR P/N 369D28304 AND REPLACED WITH SERVICEABLE REPAIRED P/N 369D28304. WORK REFERENCE MDHI CSP HMI-2 AS APPLICABLE.
40. DCS - REMOVE 5 EACH MAIN ROTOR PITCH LINK ASSEMBLIES FOR MAINTENANCE CONVENIENCE. - REMOVED AND REPLACED 5 EA MAIN ROTOR PITCH CONTROL LINK ASSEMBLIES WITH SERVICEABLE REPAIRED P/N 369D21008. WORK REFERENCE MDHI CSP HMI-2 AS APPLICABLE.



N633JH Airframe Logbook Entry

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Version: 1

Airframe Make & Model (Serial)	Operator	Date	Airframe Hours	Airframe Landings
MCDONNELL DOUGLAS 369E (0230E)	Jack Harter Helicopters, Inc.	19-Jan-2024	24961.40	24852

— Performed the Following Non-Routine Maintenance

41. DCS - REMOVE ENGINE ANTI ICE VALVE FOR INSPECTION CONVENIENCE. - REMOVED AND REPLACED ENGINE ANTI ICE VALVE WITH SERVICEABLE INSPECTED P/N 23089960. WORK REFERENCE MDHI CSP HMI-2 AND ROLLS ROYCE OMM 10W2 AS APPLICABLE.
42. DCS - REMOVE ENGINE ASSEMBLY FOR MAINTENANCE CONVENIENCE. - REMOVED ENGINE AS AN ASSEMBLY FOR INSPECTION CONVENIENCE. REMOVED ENGINE FIRE SHIELD, CLEANED, AND INSPECTED AIRFRAME STRUCTURE ABOVE ENGINE ASSEMBLY. REINSTALLED FIRE SHIELD, REINSTALLED INSPECTED ENGINE ASSEMBLY. DRAINED AND SERVICED ENGINE OIL WITH 4 QUARTS MOBIL 387. REPLACED ENGINE AND SYSTEM. C/W AIRFRAME SCAVENGE OIL FILTER BYPASS CHECK REPLACED FILTER WITH NEW P/N 038088-08. FOUND OK. OIL FLOW CHECK 250ML
43. DCS - RIGHT AND LEFT SIDE ENGINE MOUNT ATTACH BRACKETS HAVE SMOKING LOCK BOLTS. - REMOVED AND REPLACED 1 EA LEFT AND 2 EA RIGHT-HAND ENGINE MOUNT ATTACH MOUNT LOCK BOLTS WITH NEW P/M HL64PB6 AS REQUIRED. WORK REFERENCE MDHI CSP HMI-2 AND SRM-6 AS APPLICABLE.

CSP-RLB-L5

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44. DCS - SCISSOR, SCISSOR LINK AND SHOE BEARINGS HAVE PLAY. - REMOVED AND REPLACED MAIN ROTOR SCISSOR, SCISSOR LINK AND SHOE BEARINGS WITH SERVICEABLE REPAIRED SCISSOR NEW P/N AMJ69D21002-31, LINK P/N 369X1003-501 AND 2 EACH NEW SHOE BEARINGS P/N MS14104-4. WORK REFERENCE MDHI CSP HMI-2.
45. DCS - STARTER PAD AND FORWARD AND AFT PTO SHAFT SEALS LEAKING. - REPLACED STARTER PAD SEAL WITH NEW P/N 23079054 AND 2 EACH PTO SHAFT SEALS WITH NEW P/N 23079072 AND 23063426. WORK REFERENCE ROLLS ROYCE OMM 10W2.

GROUND RUN OPERATION AND LEAK CHECKS GOOD, BALANCED T/R TO 0.082 IPS. I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED I.A.W. A 100/150/200/300/400/600/1750 HOUR, SPECIAL, YEARLY AND ANNUAL AIRFRAME AND ENGINE INSPECTION WITH REF TO MDHI CSP HMI-2, JHH MD 500 ICA LIST AND ROLLS ROYCE 250 C20 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. WORK PERFORMED BY JONATHAN WORKMAN, AUSTIN RIEMER, ALFRED MERIDA, SCOTT OTA, KAINA LOPEZ, DON KOEPTGEN, JONES ANTALAN, AND CHRIS HOESSEL

Technician

Chris Hoesel

License / Cert #

Signature

Date

01/19/2024

Inspector

Chris Hoesel

License / Cert #

Signature

Date

01/19/2024