**AIRCRAFT SPECIFICATIONS**

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| --- | --- |
| Report Date | **2 Feb 2021** |
| Aircraft Model | **Sikorsky S76C+** |
| Serial Number | **760612** |
| Manufacture Date | **March 2006** |
| Current Registration | **9M-HLM** |
| Total Hours | 6783.69FH |
| Total Cycles | 11198 landings |
| No of Seats | **2 Crew 12 Pax** |

**ENGINE INFORMATION**

Type: **Arriel 2S2**

|  |  |  |
| --- | --- | --- |
| Position | S/N | TSN/TSO |
| #1 | 42045 | 8250.07 |
| #2 | 42036 | 9057.39 |

**AIRFRAME INFORMATION**

**WEIGHT**

|  |  |
| --- | --- |
| Maximum Take-off Weight | **11700lbs** |
| Empty Weight | **7713.2lbs** |

**AVIONICS EQUIPMENT**

|  |  |
| --- | --- |
| VHF radio – Collins VHF-22A |  |
| ELT - ARTEX C406-2HM |  |
| GPS Garmin 500 |  |
| Transponder –TDR 94D |  |
| Tracking system – Skynode S100 |  |

**OFFSHORE MISSION EQUIPMENT**

|  |
| --- |
| CPI (ADELT) |
| HUMS (EVXP) |
| Dart Life-raft Pod Assy |

**INSPECTIONS**

|  |  |
| --- | --- |
| Inspection  | Next Due |
| 100 Hour Airframe Inspection (Equalised) | 6875.36 FH |
| 600 Hour Engine Inspection #1 | 8549.96 FH(current engine hr: 8250.07FH) |
| 600 Hour Engine Inspection #2 | 9357.28 FH(current engine hr: 9057.39FH) |
| 3000h / 48 Month Airframe Inspection | 15/07/2022 9162.64 FH |

**MAJOR COMPONENTS - AIRFRAME**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| DESCRIPTION | PART NO | SERIAL NO | TSN | TSO | TBO/LIMIT | REM HRS |
| MAIN ROTOR HUB | 76103-08010-049 | A027-01226 | 6783.69 | - | 18,000 | 11216.31 |
| SPINDLE ASSY | 76102-08001-045 | G134-02440 | 1801.12 | - | 5,000 | 3198.88 |
| SPINDLE ASSY | 76102-08001-045 | G134-02344 | 1801.12 | - | 5,000 | 3198.88 |
| SPINDLE ASSY | 76102-08001-045 | G134-02418 | 1801.12 | - | 5,000 | 3198.88 |
| SPINDLE ASSY | 76102-08001-045 | G134-02435 | 1801.12 | - | 5,000 | 3198.88 |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-03147 | 6783.69 | - | 28,000 | 21216.31 |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-03148 | 6783.69 | - | 28,000 | 21216.31 |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-03149 | 6783.69 | - | 28,000 | 21216.31 |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-03151 | 6783.69 | - | 28,000 | 21216.31 |
| MAIN GEARBOX | 76351-09600-044 | A231-00266 | 4697.00 | 4326.0 | 3,250 | 1768.98 |
| INTERMEDIATE GEARBOX | 76357-05600-041 | A242- 00011 | 19763.02 | 17469.53 | 4,500 | 2206.51 |
| TAIL GEARBOX | 76358-05600-042 | A239-00317 | 7630.99 | 3994.10 | 4,000 | 363.11 |
| TAIL ROTOR BLADE | 76101-05020-048 | A334- 04727 | 2067.65 | - | 20,000 | 17932.35 |
| TAIL ROTOR BLADE | 76101-05020-048 | B334- 00445 | 1592.05 | - | 20,000 | 18407.95 |

**LH ENGINE S/N 42045**

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| --- | --- | --- | --- | --- | --- | --- |
| DESCRIPTION | PART NO | SERIAL NO | TSN | TSO | TBO/LIMIT | REM HRS |
| MODULE 1 | 70BM017800 | 1958 | 8250.07 | 2078.07 | 4000 | 1921.93 |
| MODULE 2 | 70BM027800 | 1988 | 8250.07 | 2078.07  | 4000 | 1921.93 |
| MODULE 3 | 70BM037800 | 1998 | 8250.07 | 2078.07 | 4000 | 1921.93 |
| MODULE 4 | 70BM041750 | 1985 | 8250.07 | 2078.07 | 4000 | 1921.93 |
| MODULE 5 | 70BM057800 | 1298 | 8250.07 | 2078.07 | 4000 | 1921.93 |
| HMU | 0292861940 | 45176 | 1806.37 | - | 3000 | 1806.37 |

**RH ENGINE S/N 42036**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| DESCRIPTION | PART NO | SERIAL NO | TSN | TSO | TBO/LIMIT | REM HRS |
| MODULE 1 | 70BM017800 | 01858 | 9057.39 | 6473.40 | 4000 | 1416.01 |
| MODULE 2 | 70BM027800 | 01888 | 9057.39 | 6473.40 | 4000 | 1416.01 |
| MODULE 3 | 70BM037800 | 01901 | 9057.39 | 6473.40 | 4000 | 1416.01 |
| MODULE 4 | 70BM041750 | 01855 | 9057.39 | 6473.40 | 4000 | 1416.01 |
| MODULE 5 | 70BM057800 | 01281 | 9057.39 | 6473.40 | 4000 | 1416.01 |
| HMU | 0292861450 | 107TEC | 3801.48 | - | 4200 | 398.52 |

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| **NO** | **EQUIPMENT LIST**  | **TYPE** | **P/N** | **S/N** | **VENDOR** |
| 1 | AUTOPILOT COMPUTER | FZ-706 | 7015480-903 | 04081518 | HONEYWELL |
| 2 | AUTOPILOT COMPUTER | FZ-706 | 7015480-903 | 04081518 | HONEYWELL |
| 3 | AIR DATA COMPUTER 1 |   | D60350MK241105 | 269006-004 | PENNY & GILES |
| 4 | AIR DATA COMPUTER 2 |   | D60350MK241105 | 295007-002 | PENNY & GILES |
| 5 | AIR DATA DISPLAY | AL-300 | 7002412-906 | 05051517 | HONEYWELL |
| 6 | AIRSPEED INDICATOR |   | 20020-11293 | 284149 | AEROSONIC |
| 7 | VHF #1  | VHF-22A | 622-6152-031 | 1XXDV | COLLINS |
| 8 | VHF #2 | VHF-22A | 622-6152-031 | 1XXDW | COLLINS |
| 9 | RDAU |   | 76450-01098-113 | 2248 |   |
| 10 | EFIS DISPLAY - #1 LH | ED-800 | 7003110-902 | 84040370 | HONEYWELL |
| 11 | EFIS DISPLAY -#1 RH | ED-800 | 7003110-902 | 99081898 | HONEYWELL |
| 12 | EFIS DISPLAY #2 LH | ED-800 | 7003110-902 | 07003110 | HONEYWELL |
| 13 | EFIS DISPLAY #2 RH | ED-800 | 7003110-902 | 0509B297 | HONEYWELL |
| 14 | EFIS DISPLAY CONTROLLER PLT | DC-811 | 7012977-734 | 05053070 | HONEYWELL |
| 15 | EFIS DISPLAY CONTROLLER COPLT | DC-811 | 7012977-734 | 05083099 | HONEYWELL |
| 16 | IIDS DISPLAY PANEL PLT |   | 760450-01098-101 | 1454 | PARKER/GULL |
| 17 | IIDS DISPLAY PANEL CTR |   | 760450-01098-101 | 1446 | PARKER/GULL |
| 18 | IIDS DISPLAY PANEL COPLT |   | 760450-01098-101 | 1457 | PARKER/GULL |
| 19 | CVFDR MPFR |   | D51615-102 | 000023-004 | PENNY & GILES |
| 20 | CLOCK PILOT | DAVTRON | M877 | 16046 | DAVTRON |
| 21 | CLOCK CO-PILOT | DAVTRON | M877 | 16047 | DAVTRON |
| 22 | VOR RECEIVER #1 | VIR-32 | 622-6137-001 | 1XYPT | COLLINS |
| 23 | VOR RECEIVER #2 | VIR-32 | 622-6137-001 | 1XYPR | COLLINS |
| 24 | DME TRANSCEIVER | DME-42 | 622-6263-003 | 1Y8HC | COLLINS |
| 25 | DME INDICATOR |   | 622-6524-003 | 20DJG | COLLINS |
| 26 | AHRS #1  | LCR-92S | 141852-3222 | 1353 | LITEF |
| 27 | AHRS #2 | LCR-92S | 141852-3222 | 1340 | LITEF |
| 28 | GPS | GNS GPS500 | 011-00562-00 | 97250457 | GARMIN |
| 29 | ADF | ADF-462 | 622-7382-101 | 1YH9W | COLLINS |
| 30 | ADF CONTROLLER | CTL-62 | 622-6520-007 | 1XMKE | COLLINS |
| 31 | WEATHER RADAR |   | 7007700-412 | 06071787 | HONEYWELL |
| 32 | RADAR RECEIVER/TRANSMITTER | ALT-55B | 7021450-601 | 06056340 | COLLINS |
| 33 | EGPWS COMPUTER |   | 965-1595-020 | 4638 | HONEYWELL |
| 34 | TRANSPONDER |  TDR94D | 622-9210-007 | 266LN | COLLINS |
| 35 | RAD ALT INDICATOR | ALT-55A | 622-2938-002 | 1YT7W | COLLINS |
| 36 | ATTITUDE INDICATOR, STBY | ADI-335D | 501-1753-04 | 1354 | BF GOODRICH |
| 37 | EMERGENCY POWER SUPPLY | PS-855A | 501-1712-01 | 80149 | JET |