**AIRCRAFT SPECIFICATIONS**

|  |  |
| --- | --- |
| Report Date | **01 Jan 2021** |
| Aircraft Model | **Sikorsky S76C+** |
| Serial Number | **760551** |
| Manufacture Date | **2003** |
| Current Registration | **PK-FUN** |
| Total Hours | **6,360.1** |
| Total Cycles | **13,000** |
| No of Seats | **2 Crew 12 Pax** |

**ENGINE INFORMATION**

Type: **Arriel 2S1**

|  |  |  |
| --- | --- | --- |
| Position | S/N | TSN/TSO |
| #1 | **20022** | **12,493.8** |
| #2 | **20058** | **10,567.9** |

**AIRFRAME INFORMATION**

**WEIGHT**

|  |  |
| --- | --- |
| Maximum Take-off Weight | **11,700 lbs** |
| Empty Weight | **7,843 lbs** |

**AVIONICS EQUIPMENT**

|  |  |
| --- | --- |
| VHF radio – Collins VHF-22A | 2 |
| ELT - ARTEX C406-2HM | 1 |
| GPS Garmin GMX200 | 1 |
| Transponder – TDR90 + TDR94 | 2 |
| Tracking system – Skynet S100 | 1 |

**OFFSHORE MISSION EQUIPMENT**

|  |
| --- |
| CPI (ADELT) |
| HUMS (EVXP) |
| Aeroseats Belly Mounted Life Rafts |

**INSPECTIONS**

|  |  |
| --- | --- |
| Inspection  | Next Due |
| 100 Hour Airframe Inspection (Equalized) | **6,423.0** |
| 1000 Hour Engine Inspection #1 | **7,201.7** |
| 1000 Hour Engine Inspection #2 | **6,947.7** |
| 3000h / 48 Month Airframe Inspection | **9,328.5****22 Oct 2023** |

**MAJOR COMPONENTS – AIRFRAME**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| DESCRIPTION | PART NO | SERIAL NO | TSN | TSO | TBO/ | REM HRS |
| LIMIT |
| MAIN ROTOR HUB | 76103-08010-049 | A027-01139 | 11499.6 | - | 18000 | **6,500.4** |
| SPINDLE ASSY | 76102-08001-045 | G134-01845 | 1470.3 | - | 5000 | **3,529.7** |
| SPINDLE ASSY | 76102-08001-045 | G134-01869 | 1470.3 | - | 5000 | **3,529.7** |
| SPINDLE ASSY | 76102-08001-045 | G134-01997 | 1470.3 | - | 5000 | **3,529.7** |
| SPINDLE ASSY | 76102-08001-045 | G134-01999 | 1470.3 | - | 5000 | **3,529.7** |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-02742 | 2553.3 | - | 28000 | **25,446.7** |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-02745 | 2553.3 | - | 28000 | **25,446.7** |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-02832 | 6360.1 | - | 28000 | **21,639.9** |
| MAIN ROTOR BLADE | 76150-09100-053 | A086-02915 | 6354.9 | - | 28000 | **21,645.1** |
| MAIN GEARBOX | 76351-09600-045 | A231-00261 | 5240.8 | 1991.5 | 3250 | **1,258.5** |
| INTERMEDIATE GEARBOX | 76357-05600-041 | A242-00177 | 10920.6 | 1992 | 4500 | **2,508.0** |
| TAIL GEARBOX | 76358-05600-042 | A239-00195 | 10440.5 | 2442.2 | 4000 | **1,557.8** |
| TAIL ROTOR BLADE | 76101-05501-042 | A245-00592 | 8154.4 | - | 20000 | **11,845.6** |
| TAIL ROTOR BLADE | 76101-05501-042 | A245-01214 | 2962.5 | - | 20000 | **17,037.5** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **LH ENGINE S/N 20022** |  |  |  |  |  |  |
| DESCRIPTION | PART NO | SERIAL NO | TSN | TSO | TBO/ | REM HRS |
| LIMIT |
| MODULE 1 | 70BM017710 | 816TEC | 8831 | 1735.7 | 3500 | **1764.3** |
| MODULE 2 | 70BM021700 | 788TEC | 6778.5 | 158.4 | 3500 | **3341.6** |
| MODULE 3 | 70BM037710 | 799 | 6778.5 | 158.4 | 3500 | **3341.6** |
| MODULE 4 | 70BM041720 | 882 | 6485.7 | 2811.7 | 3500 | **688.3** |
| MODULE 5 | 70BM057700 | 1127TEC | 4745.7 | 1271.7 | 3500 | **2228.3** |
| HMU | 292861860 | 213B | 1219 | 553 | 3000 | **2447** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **RH ENGINE S/N 20058** |  |  |  |  |  |  |
| DESCRIPTION | PART NO | SERIAL NO | TSN | TSO | TBO/ | REM HRS |
| LIMIT |
| MODULE 1 | 70BM017710 | 66 | 10567.9 | 1389.4 | 3500 | **2110.6** |
| MODULE 2 | 70BM021700 | 846TEC | 6379.6 | 2886.6 | 3500 | **613.4** |
| MODULE 3 | 70BM037700 | 1182 | 5709 | 2042.2 | 3500 | **1457.8** |
| MODULE 4 | 70BM041720 | 7811 | 2886.6 | 2886.6 | 3500 | **613.4** |
| MODULE 5 | 70BM057700 | 1088 | 7599.9 | 1389.4 | 3500 | **2110.6** |
| HMU | 292861860 | 357B | 2786.7 | 412.4 | 3000 | **2587.6** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NO** | **PART / APPLIANCE** | **TYPE** | **P/N** | **S/N** | **VENDOR** |
| 1 | AUTOPILOT COMPUTER 1 | FZ-706 | 7015480-903 | 91030115 | HONEYWELL |
| 2 | AUTOPILOT COMPUTER 2 | FZ-706 | 7015480-903 | 95010300 | HONEYWELL |
| 3 | AIR DATA SENSOR 1 | PENNY & GILES | D60350MK241105  | 964010-004 | PENNY & GILES |
| 4 | AIR DATA SENSOR 2 | PENNY & GILES | D60350MK241105 | 74011-003 | PENNY & GILES |
| 5 | AIR DATA COMPUTER 1 | PENNY & GILES | D60350MK241105 | 964010-004 | PENNY & GILES |
| 6 | AIR DATA COMPUTER 2 | PENNY & GILES | D60350MK241105  | 74011-003 | PENNY & GILES |
| 7 | VHF #1  | VHF-22A | 622-6152-031 | 12NJX | COLLINS |
| 8 | VHF #2 | VHF-22A | 622-6152-031 | 5024 | COLLINS |
| 9 | HF RECEIVER/EXCITER  | HF-1050 | 064-1015-01 | 30489 |   |
| 10 | PILOT COMMUNICATION UNIT |   | 622-6152-031 | 12NJX |   |
| 11 | BRIEFER CONTROL |   | PBS250-1-S5 | 250001187 |   |
| 12 | RDAU |   | 76450-01098-106 | 1061 |   |
| 13 | IIDS DISPLAY PANEL PLT | PARKER/GULL | 76450-01098-108 | 1667 | PARKER/GULL |
| 14 | IIDS DISPLAY PANEL CTR | PARKER/GULL | 76450-01098-101 | 1253 | PARKER/GULL |
| 15 | IIDS DISPLAY PANEL COPLT | PARKER/GULL | 76450-01098-101 | 1354 | PARKER/GULL |
| 16 | CVR/FDR CONTROLLER |   | 1605-01-01 | 916 | UNIVERSAL |
| 17 | CLOCK PILOT | DAVTRON | M877 | 22050 | DAVTRON |
| 18 | CLOCK CO-PILOT | DAVTRON | M877 | 18225 | DAVTRON |
| 19 | PAX CABIN LIGHT DIMMER ASSEMBLY |   | 1058-1-1 | 113250 |   |
| 20 | VOR TRANSCEIVER #1 | VIR-32 | 622-6137-001 | 1XYPT |   |
| 21 | VOR TRANSCEIVER #2 | VIR-32 | 622-6137-001 | YY7T |   |
| 22 | DME TRANSCEIVER 1 | DME-42 | 622-6263-003 | 13PYK |   |
| 23 | DME TRANSCEIVER 2 | DME-42 | 622-6263-003 | 8938 |   |
| 24 | AHRS #1  |   | 141852-3222 | 3418 |   |
| 25 | AHRS #2 |   | 141852-3222 | 1169 |   |
| 26 | GPS |   | GPSMAP 696 | 1H6006713 |   |
| 27 | GPS |   | GPSMAP 696 | 3711790259 |   |
| 28 | ADF |   | 622-7382-101 | 12X1 |   |
| 29 | AFCS YAW COMPUTER 1 |   | 7015480-903 | 91030115 |   |
| 30 | AFCS YAW COMPUTER 2 |   | 7015480-903 | 99010461 |   |
| 31 | WEATHER RADAR |   | 80-5214-2-2 | R0220 |   |
| 32 | RADAR RECEIVER/TRANSMITTER |   | 7021450-801 | 4095119 |   |
| 33 | EGPWS COMPUTER | HONEYWELL | 965-1590-006 | 758 |   |
| 34 | TRANSPONDER 1 | TDR-94 | 622-9210-005 | 25501 |   |
| 35 | TRANSPONDER 2 |   | 622-9210-005 | HYBM |   |
| 36 | EFIS DISPLAY PLT - UPPER | ED-800 | 7003110-902  | 86031109 |   |
| 37 | EFIS DISPLAY PLT - LOWER | ED-800 | 7003110-902 | 0708C077 |   |
| 38 | EFIS DISPLAY COPLT - UPPER | ED-800 | 7003110-902 | 0312A896 |   |
| 39 | EFIS DISPLAY COPLT - LOWER | ED-800 | 7003110-902 | 6023399 |   |
| 40 | UNS FMS CDU |   | 1018-2-210 | 1810 |   |
| 41 | CO-PILOT TCAS INDICATOR |   | 066-01172-2704 | 116 |   |
| 42 | RAD ALT INDICATOR | ALT-55A | 622-2938-002 | 12D1V | COLLINS |
| 43 | ATTITUDE INDICATOR, STBY | ADI-335D | 501-1753-04 | 1572 | BF GOODRICH |