N75SP Engine 1 ADs SBs As Of 5/2/2018 DIGITAL AIRWARE LLC Created: Scarborough, Scott at 5/2/2018 14:16

| (SN: 53580 \| Type: 407)<br>Last Updated: 4/30/2018 | Engine #1 (SN: CAE-847795 \| Model: ) |
|---|---|
| ACTT: 4,152.0 \| Hobbs: 4,152.0 \| Last Update: 4/30/2018<br>Landings: 14,915 \| ROL: 0 | Starts: 7,452 \| Total Time: 3280.3<br>Flights: 14915 |

| ATA\|MCN | Service ID | Action UponComp | Method Of Compliance | Service Life | PDF | FAA Link | Remains |
|---|---|---|---|---|---|---|---|
| | A-72-6037 | One-Time Inspection | Flourescent Penetrant Inspection | (None) | | | |
| | 73-6030 | Recurring | Visual Inspection | 300.0 H | | | 49.4 H |
| Total: 2 | Service ID | Action UponComp | Method Of Compliance | Service Life | PDF | FAA Link | Remains |

N75SP Airframe ADs ASBs As Of 5/2/2018 DIGITAL AIRWARE LLC Created: Scarborough, Scott at 5/2/2018 14:16

| (SN: 53580 \| Type: 407)<br>Last Updated: 4/30/2018 | Engine #1 (SN: CAE-847795 \| Model: ) |
|---|---|
| ACTT: 4,152.0 \| Hobbs: 4,152.0 \| Last Update: 4/30/2018<br>Landings: 14,915 \| ROL: 0 | Starts: 7,452 \| Total Time: 3280.3<br>Flights: 14915 |

| ATA\|MCN | Service ID | Action UponComp | Method Of Compliance | Service Life | PDF | FAA Link | Remains |
|---|---|---|---|---|---|---|---|
| | 2012-18-09 | | Ref ASB 407-10-93 and MM 1 | 300.0 ACTT | | | 229.0 ACTT |
| | 2013-12-07 | | Ref ASB 407-08-84 Pt. II | 300.0 ACTT | | | 59.8 ACTT |
| | 2015-05-04 | 150 Hour Recurring | Visual Inspection IAW ASB 407-11-95 Part II Rev. C | 150.0 ACTT | | | 48.7 ACTT |
| | 2015-17-02 | | Not Applicable due to P/N 407 340-310-101 Driveshaft Installed. No Further Action Required. | (None) | | | |
| | 407-11-95 | | IAW ASB 407-11-95 Pt. II | 150.0 ACTT | | | 48.7 ACTT |
| | 407-12-98 | | Accomplish at next main gearbox o/h | (None) | | | |
| | 407-14-102 | One Time | Upgrade | (None) | | | |
| | 407-16-112 | One Time | Visual Inspection | (None) | | | |
| | 407-16-113 | One Time | Disassembly and visual inspection | (None) | | | |
| | 407-17-115 | One Time | Visual | 10000.0 ACTT | | | 9,845.4 ACTT |
| | 407-17-115 | One Time | Removal and visual inspection | 12.0 M | | | 6.6 M |
| | 407-17-115 | One Time | Removal and visual inspection | 600.0 ACTT | | | 529.0 ACTT |
| | 407-98-21 | Recurring | Visual | 300.0 ACTT | | | 49.4 ACTT |
| | SB 407-300-1 | | Inspection/Torque Check | 150.0 ACTT | | | 48.7 ACTT |
| | 407-14-111 | One Time | Upgrade | (None) | | | |
| Total: 15 | Service ID | Action UponComp | Method Of Compliance | Service Life | PDF | FAA Link | Remains |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 300 Hr / 12 Mth - T/R Gearbox Oil Change | 300.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 282.9 ACTT | 4,434.9 ACTT (~07/07/2027) |
| | 12 Mth - Interim, Mast Pole | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 10.8 M | 3/22/2019 |
| | 3000 Hr - Rotor Brake Caliper (Left) - O/H | 3000.0 ACTT | 1/22/2013 | 3,028.5 ACTT | 1,876.5 ACTT | 6,028.5 ACTT |
| | 3000 Hr - Rotor Brake Caliper (Right) - O/H | 3000.0 ACTT | 1/22/2013 | 3,028.5 ACTT | 1,876.5 ACTT | 6,028.5 ACTT |
| | 3000 Hr - Rotor Brake Disc | 3000.0 ACTT | 8/29/2013 | 3,246.1 ACTT | 2,094.1 ACTT | 6,246.1 ACTT |
| | 60 Mth - Interim, Freewheeling Unit | 60.0 M | 4/29/2016 | 3,802.4 ACTT | 3.0 Y | 4/29/2021 |
| | 60 Mth - Interim, Mast Assy | 60.0 M | 4/29/2016 | 3,802.4 ACTT | 3.5 Y | 4/29/2021 - 10/28/2021 (+10.00%) |
| | 60 Mth - Interim, T/R Gearbox Assy | 60.0 M | 12/19/2013 | 0.0 ACTT | 7.7 M | 12/19/2018 |
| | 60 Mth - Transmission Assy | 60.0 M | 4/29/2016 | 3,802.4 ACTT | 3.5 Y | 4/29/2021 - 10/28/2021 (+10.00%) |
| | 1-5 Hour Main Rotor Hub Mast Nut Torque Check | (None) | 3/27/2018 | 4,136.7 ACTT | | |
| | 1-5 Hour Main Rotor Hub Lower Cone Torque Check | (None) | 3/27/2018 | 4,136.7 ACTT | | |
| | 1-5 Hour Main Rotor Hub Through Bolt Torque Check | (None) | 5/10/2016 | 3,804.2 ACTT | | |
| | 1-5 Hour Tail Rotor Hub Mast Nut Torque Check | (None) | | 0 | | 0 |
| | 1-5 Hour Tailboom Attachment Hardware Torque Check | (None) | | 0 | | 0 |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 600 Hour/12 Month Inspection | 600.0 AH | 3/22/2018 | 4,081.0 AH | 529.0 AH | 4,681.0 AH |
| | 100 Hr - Aerofilter, FDC Inspection | 100.0 ACTT | 12/21/2017 | 4,102.3 ACTT | 50.3 ACTT | 4,202.3 ACTT (~12/19/2019) |
| | 300 Hr - Aerofilter, FDC Insp / Lube | 300.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 59.8 ACTT | 4,211.8 ACTT (~04/10/2020) |
| | 300 Hr - Airframe Fuel Filter Change | 300.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 59.8 ACTT | 4,211.8 ACTT (~04/10/2020) |
| | 300 Hr / 12 Mth - Oil, Filter Change Hydraulic Sys | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 12.1 M | 4/30/2019 - 4/30/2019(+10.00%) |
| | 300 Hr / 12 Mth - Oil, Filter Change Hydraulic Sys | 300.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 282.9 - 312.9 ACTT | 4,434.9 ATT - 4,464.9 ACTT(+10.00%) |
| | 300 Hr / 12 Mth - Oil, Filter Change Transmission Assy | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 11.1 M | 3/31/2019 |
| | 300 Hr / 12 Mth - Oil, Filter Change Transmission Assy | 300.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 282.9 ACTT | 4,434.9 ACTT (~07/07/2027) |
| | 300 Hr / 12 Mth - T/R Gearbox Oil Change | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 12.1 M | 4/30/2019 - 4/30/2019(+10.00%) |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 300 Hr - BHT Optional Equipment Insp | 300.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 59.8 ACTT | 4,211.8 ACTT (~04/10/2020) |
| | 12 Month Inspection | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 10.8 M | 3/22/2019 |
| | 1200 Hour Inspection | 1200.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 959.8 ACTT | 5,111.8 ACTT |
| | 1200 Hour/24 Month Inspection | 1200.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 1,182.9 ACTT | 5,334.9 ACTT |
| | 1200 Hour/24 Month Inspection | 24.0 M | 3/22/2018 | 4,134.9 ACTT | 1.9 Y | 3/22/2020 |
| | 150 Hour Inspection | 150.0 ACTT | 8/24/2017 | 4,050.7 ACTT | 48.7 ACTT | 4,200.7 ACTT (~11/30/2019) |
| | 24 Month Inspection | 24.0 M | 3/22/2018 | 4,134.9 ACTT | 1.9 Y | 3/22/2020 |
| | 2500 Hour Inspection | 2500.0 ACTT | | 3,297.9 ACTT | 1,645.9 ACTT | 5,797.9 ACTT |
| | 300 Hour/12 Month Airframe Periodic Inspection | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 11.1 M | 3/31/2019 |
| | 300 Hour/12 Month Airframe Periodic Inspection | 300.0 AH | 3/22/2018 | 4,134.9 AH | 282.9 AH | 4,434.9 AH |
| | 600 Hour Inspection | 600.0 ACTT | 2/24/2015 | 3,663.7 ACTT | 111.7 ACTT | 4,263.7 ACTT (~12/16/2021) |
| | 600 Hour/12 Month Inspection | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 10.8 M | 3/22/2019 |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 500 Hr - Lifeport MedPak | 500.0 ACTT | 10/14/2016 | 3,901.4 ACTT | 249.4 ACTT | 4,401.4 ACTT (~06/05/2026) |
| | 150 Hr - T/R Coupling Spline Lube | 150.0 ACTT | 8/24/2017 | 4,050.7 ACTT | 48.7 ACTT | 4,200.7 ACTT (~11/30/2019) |
| | 300 Hr - T/R Driveshaft, Oil Cooler Bearing | 300.0 ACTT | 11/17/2017 | 4,081.0 ACTT | 229.0 ACTT | 4,381.0 ACTT (~10/06/2025) |
| | 300 Hr -Hyd. Pump Driveshaft Lube | 300.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 145.4 ACTT | 4,297.4 ACTT (~01/19/2023) |
| | 300 Hr / 3 Mth - T/R P/C Mechanism Lube | 3.0 M | 3/22/2018 | 4,134.9 ACTT | 59 D | 6/30/2018 |
| | 300 Hr / 3 Mth - T/R P/C Mechanism Lube | 300.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 282.9 ACTT | 4,434.9 ACTT (~07/07/2027) |
| | 50 Hr / 3 Mth - Lube P/C Links and Swashplate | 3.0 M | 3/22/2018 | 4,134.9 ACTT | 59 D | 6/30/2018 |
| | 50 Hr / 3 Mth - Lube P/C Links and Swashplate | 50.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 32.9 ACTT | 4,184.9 ACTT (~05/27/2019) |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 300 Hr - Spectralab SX-5 Nightsun | 300.0 ACTT | 9/26/2017 | 4,064.5 ACTT | 212.5 ACTT | 4,364.5 ACTT (~03/24/2025) |
| | 300 Hr / 12 Mth - AAI Passenger Sliding Door Kit | 12.0 M | 11/17/2017 | 4,081.0 ACTT | 6.6 M | 11/17/2018 |
| | 300 Hr / 12 Mth - AAI Passenger Sliding Door Kit | 300.0 ACTT | 11/17/2017 | 4,081.0 ACTT | 229.0 ACTT | 4,381.0 ACTT (~10/06/2025) |
| | 300 Hr / 12 Mth - Paravion Blade Fold Kit | 12.0 M | 11/17/2017 | 4,081.0 ACTT | 6.6 M | 11/17/2018 |
| | 300 Hr / 12 Mth - Paravion Blade Fold Kit | 300.0 ACTT | 11/17/2017 | 4,081.0 ACTT | 229.0 ACTT | 4,381.0 ACTT (~10/06/2025) |
| | 300 Hr / 12 Mth AA Forward Quick Mount Adapter Kit | 12.0 M | 11/17/2017 | 4,081.0 ACTT | 6.6 M | 11/17/2018 |
| | 300 Hr / 12 Mth AA Forward Quick Mount Adapter Kit | 300.0 ACTT | 11/17/2017 | 4,081.0 ACTT | 229.0 ACTT | 4,381.0 ACTT (~10/06/2025) |
| | 300 Hr / 6 Mth - Spectralab SX-5 | 300.0 ACTT | 4/13/2018 | 4,139.9 ACTT | 287.9 ACTT | 4,439.9 ACTT (~09/04/2027) |
| | 300 Hr / 6 Mth - Spectralab SX-5 | 6.0 M | 4/13/2018 | 4,139.9 ACTT | 6.1 M | 10/31/2018 |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 100 Hr / 3 Mth - Spectralab SX-5 | 3.0 M | 4/13/2018 | 4,139.9 ACTT | 3.0 M | 7/31/2018 |
| | 12 Month Continued Airworthiness Inspections IAW FAA Form 337s | 12.0 M | 11/27/2017 | 4,085.4 ACTT | 7.0 M | 11/27/2018 |
| | 12 Mth - AAI Baggage Compartment Edge Protector | 12.0 M | 11/27/2017 | 4,085.4 ACTT | 7.0 M | 11/27/2018 |
| | 12 Mth - AAI High Visibility Crew Doors | 12.0 M | 11/27/2017 | 4,085.4 ACTT | 7.0 M | 11/27/2018 |
| | 12 Mth - AAI Rappelling Mount | 12.0 M | 11/27/2017 | 4,085.4 ACTT | 7.0 M | 11/27/2018 |
| | 12 Mth - AAI Steerable Landing Light | 12.0 M | 11/27/2017 | 4,085.4 ACTT | 7.0 M | 11/27/2018 |
| | 12 Mth - Aerodynamix NVG | 12.0 M | 11/27/2017 | 4,085.4 ACTT | 7.0 M | 11/27/2018 |
| | 12 Mth - Air Comm Heating | 12.0 M | 11/27/2017 | 4,085.4 ACTT | 7.0 M | 11/27/2018 |
| | 12 Mth - Keytech Universal Nose Bracket | 12.0 M | 11/17/2017 | 4,081.0 ACTT | 6.6 M | 11/17/2018 |
| | 12 MTH / 100 HR - EXTERNAL OPERATIONS | 12.0 M | 12/7/2017 | 4,085.4 ACTT | 7.3 M | 12/7/2018 |
| | 12 Mth / 300 Hr - Battery Reconditioning | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 10.8 M | 3/22/2019 |
| | 12 Mth / 300 Hr - Battery Reconditioning | 300.0 AH | 3/22/2018 | 4,081.0 AH | 229.0 AH | 4,381.0 AH |
| | 3 Year - Lifeport MecPak Oxygen Bottle | 3.0 Y | 11/17/2017 | 4,081.0 ACTT | 2.5 Y | 11/17/2020 |
| | 300 Hr - Cargo Hook | 300.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 282.9 ACTT | 4,434.9 ACTT (~07/07/2027) |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 2000 Hour Inspection Item 7 Power Drivetrain Gears | 2000.0 H | 12/16/2015 | 2,894.4 H | 1,614.1 H | 4,894.4 H |
| | 300 Hour Inspection Table 606 | 12.0 M | 3/22/2018 | 3,263.2 H | 11.1 M | 3/31/2019 |
| | 300 Hour Inspection Table 606 | 300.0 H | 3/22/2018 | 3,263.2 H | 282.9 H | 3,563.2 H (~07/07/2027) |
| | 600 Hour/12 Month Oil Change | 12.0 M | 3/22/2018 | 3,263.2 H | 10.8 M | 3/22/2019 |
| | 600 Hour/12 Month Oil Change | 600.0 H | 3/22/2018 | 3,263.2 H | 582.9 H | 3,863.2 H |
| | Power Assurance Check | 30.0 D | 3/27/2018 | 3,265.0 H | -6 D | 4/26/2018 |
| | 12 Mth - ELT | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 10.8 M | 3/22/2019 |
| | 12 Mth - Portable Fire Extinguisher Weight Check | 12.0 M | 3/22/2018 | 4,134.9 ACTT | 10.8 M | 3/22/2019 |
| | 24 Mth - Altimeter | 24.0 M | 3/22/2018 | 4,134.9 ACTT | 1.9 Y | 3/31/2020 |
| | 24 Mth - Pitot/Static Check | 24.0 M | 3/22/2018 | 4,134.9 ACTT | 1.9 Y | 3/31/2020 |
| | 24 Mth - Transponder | 24.0 M | 3/22/2018 | 4,134.9 ACTT | 1.9 Y | 3/31/2020 |
| | 100 Hr - Air Comm A/C | 100.0 ACTT | 12/21/2017 | 4,102.3 ACTT | 50.3 ACTT | 4,202.3 ACTT (~12/19/2019) |
| | 100 Hr - Lifeport MedPak | 100.0 ACTT | 12/21/2017 | 4,102.3 ACTT | 50.3 ACTT | 4,202.3 ACTT (~12/19/2019) |
| | 100 Hr / 3 Mth - Spectralab SX-5 | 100.0 ACTT | 4/13/2018 | 4,139.9 ACTT | 87.9 ACTT | 4,239.9 ACTT (~03/09/2021) |

| | |
|---|---|
| (SN: 53580 \| Type: 407)<br>Last Updated: 4/30/2018 | Engine #1 (SN: CAE-847795 \| Model: ) |
| ACTT: 4,152.0 \| Hobbs: 4,152.0 \| Last Update: 4/30/2018<br>Landings: 14,915 \| ROL: 0 | Starts: 7,452 \| Total Time: 3280.3<br>Flights: 14915 |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 100 Hr - M/R Yoke | 100.0 ACTT | 12/21/2017 | 4,102.3 ACTT | 50.3 ACTT | 4,202.3 ACTT (~12/19/2019) |
| | 300 Hr - Tailboom Insp | 300.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 59.8 ACTT | 4,211.8 ACTT (~04/10/2020) |
| | 6900 Hr - Tailboom Insp | 6900.0 ACTT | | 2,551.3 ACTT | 5,299.3 ACTT | 9,451.3 ACTT |
| | 8600 Hr - Tailboom Insp | 8600.0 ACTT | | 2,551.3 ACTT | 6,999.3 ACTT | 11,151.3 ACTT |
| | 150 Hour Inspection Table 606 | 12.0 M | 3/22/2018 | 4,134.9 H | 10.8 M | 3/22/2019 |
| | 150 Hour Inspection Table 606 | 150.0 H | 3/22/2018 | 3,263.2 H | 132.9 H | 3,413.2 H (~08/24/2022) |
| | 2000 Hour Inspection Item 1 Fuel Filter Element | 2000.0 H | 7/18/2012 | 2,021.0 H | 740.7 H | 4,021.0 H |
| | 2000 Hour Inspection Item 2 Combustion Liner | 2000.0 H | 7/17/2017 | 3,158.9 H | 1,878.6 H | 5,158.9 H |
| | 2000 Hour Inspection Item 3 Outer Combustion Case | 2000.0 H | 7/17/2017 | 3,158.9 H | 1,878.6 H | 5,158.9 H |
| | 2000 Hour Inspection Item 4 Compressor Discharge Tubes | 2000.0 H | 7/17/2017 | 3,158.9 H | 1,878.6 H | 5,158.9 H |
| | 2000 Hour Inspection Item 5 Compressor Spur Adapter Gearshaft, Compressor Rotor Splined Adapter, & associated Impeller Bore | 2000.0 H | 10/24/2013 | 2,437.0 H | 1,156.7 H | 4,437.0 H |
| | 2000 Hour Inspection Item 6 Turbine to Compressor Coupling, Turbine Splined Adapter, Power Turbine Inner Shaft & Turbine Shaft-to-Pinion Gear Coupling | 2000.0 H | 7/17/2017 | 3,158.9 H | 1,878.6 H | 5,158.9 H |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 67 | Lever, Anti-Drive | 406-010-431-109 | TI-112 | 5000.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | | | 932.5 ACTT | 5,084.5 ACTT | 18 % |
| 67 | Link Assy, Pitch - Blue | 406-010-413-131 | A-8725 | 2500.0 ACTT | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | 0.0 | 854.1 | 1,645.9 ACTT | 5,797.9 ACTT | 65 % |
| 67 | Link Assy, Pitch - Green | 406-010-413-131 | A-8724 | 2500.0 ACTT | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | 0.0 | 854.1 | 1,645.9 ACTT | 5,797.9 ACTT | 65 % |
| 67 | Link Assy, Pitch - Orange | 406-010-413-131 | A-8996 | 2500.0 ACTT | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | 0.0 | 854.1 | 1,645.9 ACTT | 5,797.9 ACTT | 65 % |
| 67 | Link, Anti-Drive | 406-010-432-101 | TIFS-189 | 5000.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | | | 932.5 ACTT | 5,084.5 ACTT | 18 % |
| 67 | Rod End Assembly, Pitch Control Link - Blue | 406-310-404-101 | NH20776 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |
| 67 | Rod End Assembly, Pitch Control Link - Green | 406-310-404-101 | NH20698 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |
| 67 | Rod End Assembly, Pitch Control Link - Orange | 406-310-404-101 | NH20508 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |
| 67 | Rod End Assembly, Pitch Control Link - Red | 406-310-404-101 | NH20745 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |
| 67 | Servo Actuator Support | 407-001-500-105 | HR-661 | (None) | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | | | 100 % |
| 67 | Tube Assy, Pitch Control Link - Blue | 406-010-413-119 | A-8592 | (None) | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | | | | | 100 % |
| 67 | Tube Assy, Pitch Control Link - Green | 406-010-413-133 | A-8600 | (None) | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | | | | | 100 % |
| 67 | Tube Assy, Pitch Control Link - Orange | 406-010-413-133 | A-8599 | (None) | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | | | | | 100 % |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | Blade, T/R | 406-016-100-119 | A-3603 | (None) | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | | | 100% |
| 64 | Blade, T/R | 406-016-100-119 | A-3606 | (None) | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | | | 100% |
| 64 | Hub, T/R | 407-012-101-113 | HB-14 | 2500.0 ACTT | | 2,551.3 ACTT | 1,600.7 | 0.0 | 1,600.7 | 0.0 | 1,600.7 | 899.3 ACTT | 5,051.3 ACTT | 35% |
| 64 | Yoke, T/R | 406-012-102-109 | HBFS-155 | 5000.0 ACTT | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | 848.0 ACTT | 5,000.0 ACTT | 16% |
| 64 | Gearbox, T/R | 406-040-400-121 | A-1405 | 5000.0 ACTT | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | 0.0 | 4,152.0 | 848.0 ACTT | 5,000.0 ACTT | 16% |
| Total: 117 | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | Link Assy, Pitch - Red | 406-010-413-131 | A-8670 | 2500.0 ACTT | | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | 0.0 | 854.1 | 1,645.9 ACTT | 5,797.9 ACTT | 65 % |
| 64 | Tube Assy, Pitch Control Link - Red | 406-010-413-133 | A-8590 | (None) | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | | | | | 100 % |
| 67 | Bearing, Pitch Control Link - Blue | 406-310-405-103 | RXFS-14598 | (None) | 10/27/2013 | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |
| 67 | Bearing, Pitch Control Link - Green | 406-310-405-103 | RXFS-16531 | (None) | 10/27/2013 | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |
| 67 | Bearing, Pitch Control Link - Orange | 406-310-405-103 | RXFS-14678 | (None) | 10/27/2013 | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |
| 67 | Bearing, Pitch Control Link - Red | 406-310-405-103 | RXFS-16756 | (None) | 12/14/2007 | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |
| 67 | Bellcrank Support | 407-001-511-101 | TI515 | 5000.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 240.2 | 0.0 | 240.2 | | | 4,759.8 ACTT | 8,911.8 ACTT | 95 % |
| 67 | Clevis, Pitch Control Link - Blue | 406-010-416-101 | SUFS 1468 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |
| 67 | Clevis, Pitch Control Link - Green | 406-010-416-101 | SUFS 1470 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |
| 67 | Clevis, Pitch Control Link - Orange | 406-010-416-101 | SUFS 1475 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |
| 67 | Collective Bellcrank - Center | 407-001-524-109 | TI2148 | 5000.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 240.2 | 0.0 | 240.2 | | | 4,759.8 ACTT | 8,911.8 ACTT | 95 % |
| 67 | Cyclic Lateral Bellcrank - Left | 407-001-528-105 | TI1743 | 5000.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 240.2 | 0.0 | 240.2 | | | 4,759.8 ACTT | 8,911.8 ACTT | 95 % |
| 67 | Cyclic Longitudinal Bellcrank - Right | 407-001-526-109 | TI1634 | 5000.0 ACTT | 11/23/2016 | 3,911.8 ACTT | 240.2 | 0.0 | 240.2 | | | 4,759.8 ACTT | 8,911.8 ACTT | 95 % |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Insta l | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 | Link Assy, Drive | 406-010-426-101 | TIFS 392 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100 % |
| 63 | Main Rotor Mast | 407-040-038-109 | A-872 | 5000.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | | | 932.5 ACTT | 5,084.5 ACTT | 18 % |
| 63 | Main Rotor Mast | 407-040-038-109 | A-872 | 18000 TE RIN | 3/28/2013 | 10,422 TE RIN | 4,493 | 10,063 | 14,556 | | | 3,444 TE RIN | 18,359 TE RIN | 19 % |
| 63 | Mast Assy, M/R | 407-040-011-105 | 53580 | 2500.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | 579.9 | 1,666.0 | 834.0 ACTT | 4,986.0 ACTT | 33 % |
| 63 | Pylon Restraint Spring - Left | 407-010-206-103 | LP-2229 | 5000.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | | | 932.5 ACTT | 5,084.5 ACTT | 18 % |
| 63 | Pylon Restraint Spring - Right | 407-010-206-103 | BP0341 8 | 5000.0 ACTT | 11/23/201 6 | 3,911.8 ACTT | 240.2 | 0.0 | 240.2 | | | 4,759.8 ACTT | 8,911.8 ACTT | 95 % |
| 63 | R/H Pylon Side Beam | 407-010-203-105 | TI-1004 | 5000.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | | | 932.5 ACTT | 5,084.5 ACTT | 18 % |
| 63 | R/H Pylon Side Beam | 407-010-203-105 | TI-1004 | 17000 TE RIN | 3/28/2013 | 10,422 TE RIN | 4,493 | 10,063 | 14,556 | | | 2,444 TE RIN | 17,359 TE RIN | 14 % |
| 63 | Rotor Brake Caliper | 407-540-304-101 FM | 144 | 3000.0 ACTT | 1/22/2013 | 3,028.5 ACTT | 1,123.5 | 3,024.5 | 4,148.0 | 0.0 | 1,123.5 | 1,876.5 ACTT | 6,028.5 ACTT | 62 % |
| 63 | Rotor Brake Caliper | 407-540-304-101 FM | 209 | 3000.0 ACTT | 1/22/2013 | 3,028.5 ACTT | 1,123.5 | 3,024.5 | 4,148.0 | 0.0 | 1,123.5 | 1,876.5 ACTT | 6,028.5 ACTT | 62 % |
| 63 | Rotor Brake Disc | 407-340-318-101 | 1578 | 3000.0 ACTT | 8/29/2013 | 3,246.1 ACTT | 905.9 | 0.0 | 905.9 | 0.0 | 905.9 | 2,094.1 ACTT | 6,246.1 ACTT | 69 % |
| 63 | Top Case, Transmission Assy | 406-040-052-109 | A-1716 | (None) | | 3,065.9 ACTT | 1,086.1 | 2,375.4 | 3,461.5 | | | | | 100 % |
| 63 | Transmission Assy | 407-040-006-115 | A-687 | 4500.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,247.5 | 3,333.6 | 2,217.9 | 3,304.0 | 1,196.0 ACTT | 5,348.0 ACTT | 26 % |
| 62 | Swashplate & Support Assy | 406-010-401-117 | TI-127 | 2500.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | 579.9 | 1,666.0 | 834.0 ACTT | 4,986.0 ACTT | 33 % |
| 64 | Clevis, Pitch Control Link - Red | 406-010-416-101 | SUFS 1469 | 5000.0 ACTT | 4/26/2017 | 3,997.4 ACTT | 154.6 | 0.0 | 154.6 | | | 4,845.4 ACTT | 8,997.4 ACTT | 96 % |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 | Corner Mount - Left | 407-310-203-101 | LP-3219 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 63 | Corner Mount - Right | 407-310-203-101 | LK-3310 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 63 | Corner Mount - Right | 407-310-203-101 | LP-3271 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 63 | Drive Hub Set, Mast | 406-010-428-109 | TI 165 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 63 | Drive Ring Set - M/R Hub | 406-010-126-113 | LK-99 | 100000 TE RIN | 6/21/2008 | 9,818 TE RIN | 5,097 | 0 | 5,097 | | | 94,903 TE RIN | 109,818 TE RIN | 94% |
| 63 | Freewheeling Unit | 406-040-500-131 | A-5799 | 2500.0 ACTT | 7/23/2011 | 2,551.3 ACTT | 1,600.7 | 2,551.3 | 4,152.0 | 0.0 | 1,600.7 | 899.3 ACTT | 5,051.3 ACTT | 35% |
| 63 | Input Driveshaft, KAMATICS | 407-340-310-101 | KC-233 | 2500.0 ACTT | 8/29/2013 | 3,246.1 ACTT | 905.9 | 2,500.0 | 3,405.9 | 0.0 | 905.9 | 1,594.1 ACTT | 5,746.1 ACTT | 63% |
| 63 | L/H Pylon Side Beam | 407-010-201-105 | TI-1055 | 5000.0 ACTT | 3/28/2013 | 3,065.9 ACTT | 1,086.1 | 2,981.4 | 4,067.5 | | | 932.5 ACTT | 5,084.5 ACTT | 18% |
| 63 | L/H Pylon Side Beam | 407-010-201-105 | TI-1055 | 17000 TE RIN | 3/28/2013 | 10,422 TE RIN | 4,493 | 10,063 | 14,556 | | | 2,444 TE RIN | 17,359 TE RIN | 14% |
| 63 | Lever Assy, Drive | 406-010-425-107 | TI 325 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 63 | Lever Assy, Drive | 406-010-425-107 | TI 323 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 63 | Link Assy, Drive | 406-010-426-101 | TIFS 388 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Instal | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | Outer Ring Assy, Swashplate | 406-010-441-117 | TI 196 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 62 | Pitch Horn, M/R Hub (Blue) | 407-010-103-101 | A-2055 | (None) | | 3,297.9 ACTT | 854.1 | 4,490.9 | 5,345.0 | | | | | 100% |
| 62 | Pitch Horn, M/R Hub (Green) | 407-010-103-101 | A-2044 | (None) | | 3,297.9 ACTT | 854.1 | 4,490.9 | 5,345.0 | | | | | 100% |
| 62 | Pitch Horn, M/R Hub (Orange) | 407-010-103-101 | A-2051 | (None) | | 3,297.9 ACTT | 854.1 | 4,490.9 | 5,345.0 | | | | | 100% |
| 62 | Pitch Horn, M/R Hub (Red) | 407-010-103-101 | A-1924 | (None) | | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100% |
| 62 | Plate, M/R Hub | 406-010-115-127 | AZ2144 | 2500.0 ACTT | 4/29/2016 | 3,802.4 ACTT | 349.6 | 0.0 | 349.6 | | | 2,150.4 ACTT | 6,302.4 ACTT | 86% |
| 62 | Plate, M/R Hub | 406-010-117-125 | AZ2161 | 2500.0 ACTT | 4/29/2016 | 3,802.4 ACTT | 349.6 | 0.0 | 349.6 | | | 2,150.4 ACTT | 6,302.4 ACTT | 86% |
| 62 | Sleeve Assy, Swashplate | 406-010-409-107 | TI 103 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 62 | Support Assy, Swashplate | 406-010-406-119 | TI 159 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |
| 62 | Yoke, M/R | 407-010-101-101 | A-537 | (None) | | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100% |
| 63 | Corner Mount - Left | 407-310-203-101 | LP=3269 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100% |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | Expandable Bolt, M/R Blade | 406-310-103-101 | SLFS-3813 | 5000.0 ACTT | | 3,297.9 ACTT | 854.1 | 3,756.2 | 4,610.3 | | | 389.7 ACTT | 4,541.7 ACTT | 7 % |
| 62 | Expandable Bolt, M/R Blade | 406-310-103-101 | SLFS-3824 | 5000.0 ACTT | | 3,297.9 ACTT | 854.1 | 3,756.2 | 4,610.3 | | | 389.7 ACTT | 4,541.7 ACTT | 7 % |
| 62 | Gimbal Ring | 406-010-427-109 | TI 108 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100 % |
| 62 | Grip Assy, M/R Hub (Blue) | 406-010-108-125 | LP5921 | 5000.0 ACTT | 4/29/2016 | 3,802.4 ACTT | 349.6 | 0.0 | 349.6 | | | 4,650.4 ACTT | 8,802.4 ACTT | 93 % |
| 62 | Grip Assy, M/R Hub (Green) | 406-010-108-125 | LP5927 | 5000.0 ACTT | 4/29/2016 | 3,802.4 ACTT | 349.6 | 0.0 | 349.6 | | | 4,650.4 ACTT | 8,802.4 ACTT | 93 % |
| 62 | Grip Assy, M/R Hub (Orange) | 406-010-108-125 | LP5928 | 5000.0 ACTT | 4/29/2016 | 3,802.4 ACTT | 349.6 | 0.0 | 349.6 | | | 4,650.4 ACTT | 8,802.4 ACTT | 93 % |
| 62 | Grip Assy, M/R Hub (Red) | 406-010-108-125 | LP5932 | 5000.0 ACTT | 4/29/2016 | 3,802.4 ACTT | 349.6 | 0.0 | 349.6 | | | 4,650.4 ACTT | 8,802.4 ACTT | 93 % |
| 62 | Hub Assy, M/R | 407-010-100-115 | A-441 | 2500.0 ACTT | 11/6/2013 | 3,297.9 ACTT | 854.1 | 4,415.1 | 5,269.2 | 1,516.2 | 2,370.3 | 129.7 ACTT | 4,281.7 ACTT (~07/17/2022) | 5 % |
| 62 | Inner Ring Assy, Swashplate | 406-010-410-121 | TI 199 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100 % |
| 62 | Lever, Collective | 406-010-408-101 | TIFS 164 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100 % |
| 62 | Link, Collective Idler | 406-010-407-101 | TIFS 238 | (None) | | 3,065.9 ACTT | 1,086.1 | 3,109.3 | 4,195.4 | | | | | 100 % |
| 62 | Lower Cone Seat, M/R Hub | 407-010-107-103 | A-620 | (None) | | 3,297.9 ACTT | 854.1 | 4,366.4 | 5,220.5 | | | | | 100 % |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73 | Fuel Nozzle | 23077067 | 0165 | 2000.0 H | 8/26/2015 | 2,878.2 H | 402.1 | 0.0 | 402.1 | 0.0 | 402.1 | 1,597.9 H | 4,878.2 H | 79 % |
| 73 | Oil Filter, Scavenge CEFA | 23066697 | S/N | 2000.0 H | 9/10/2015 | 2,282.5 H | 997.8 | 0.0 | 997.8 | | | 1,002.2 H | 4,282.5 H | 50 % |
| 77 | ALTERNATOR, PERMANENT MAGNET | 23064128 | S/N | (None) | 12/22/2015 | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | | | 100 % |
| 25 | ELT Battery | Artex ME406HM | S/N | 60.0 M | 2/24/2015 | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | 1.8 Y | 2/24/2020 | 36 % |
| 26 | Portable Fire Extinguisher | Halon 1211 | S/N | 12.0 Y | 2/6/2009 | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | 0.0 | 4,152.0 | 2.8 Y | 2/6/2021 | 23 % |
| 53 | Tailboom Assy | 407-030-801-205 | S/N | (None) | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | | | 100 % |
| 32 | Aft Crosstube Assembly | 407-723-104 | 467 | 5000 ROL | | 0 ROL | 0 | 0 | 0 | | | 5,000 ROL | 5,000 ROL | 100 % |
| 32 | Forward Crosstube Assembly | 407-722-101 | 5138 | 5000 ROL RIN | | 0 ROL RIN | 0 | 0 | 0 | | | 5,000 ROL RIN | 5,000 ROL RIN | 100 % |
| 62 | Blade, M/R - Blue | 407-015-001-117 EM1 | A-132 | (None) | | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |
| 62 | Blade, M/R - Green | 407-015-001-111 EM1A | A-2496 | (None) | | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |
| 62 | Blade, M/R - Orange | 407-015-001-111 EM1A | A-2484 | (None) | | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |
| 62 | Blade, M/R - Red | 407-015-001-117 | A-2526 | (None) | | 3,297.9 ACTT | 854.1 | 0.0 | 854.1 | | | | | 100 % |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 | Hydromechanical Unit | 23078029 | JGALM0677 | 2500.0 H | | 2,167.9 H | 1,112.4 | 0.0 | 1,112.4 | 0.0 | 1,112.4 | 1,387.6 H | 4,667.9 H | 55% |
| 72 | Impeller, Compressor (Cycles) | 23065591 | JY104181 | 15000 S | | 0 S | 7,452 | 0 | 7,452 | | | 7,548 S | 15,000 S | 50% |
| 72 | Impeller, Compressor (Hours) | 23065591 | JY104181 | 7500.0 H | 8/2/2006 | 0.0 H | 3,280.3 | 0.0 | 3,280.3 | | | 4,219.7 H | 7,500.0 H | 56% |
| 72 | Turbine | 23063354 | CAT-44536 | (None) | 7/17/2017 | 3,158.9 ACTT | 993.1 | 0.0 | 993.1 | 1,067.3 | 2,060.4 | | | 100% |
| 72 | Turbine Wheel, 1st Stage | M250-10227 | X624330 | 2025.0 H | 7/17/2017 | 3,158.9 H | 121.4 | 0.0 | 121.4 | | | 1,903.6 H | 5,183.9 H | 94% |
| 72 | Turbine Wheel, 1st Stage (Cycles) | M250-10227 | X624330 | 3000 S | 7/17/2017 | 7,296 S | 156 | 0 | 156 | | | 2,844 S | 10,296 S | 94% |
| 72 | Turbine Wheel, 2nd Stage | M250-10658 | X633857 | 2025.0 H | 7/17/2017 | 3,158.9 H | 121.4 | 0.0 | 121.4 | | | 1,903.6 H | 5,183.9 H | 94% |
| 72 | Turbine Wheel, 2nd Stage (Cycles) | M250-10658 | X633857 | 3000 S | 7/17/2017 | 7,296 S | 156 | 0 | 156 | | | 2,844 S | 10,296 S | 94% |
| 72 | Turbine Wheel, 3rd Stage | 23092511 | X578028 | 4550.0 H | 7/17/2017 | 3,158.9 H | 121.4 | 1,341.4 | 1,462.8 | | | 3,087.2 H | 6,367.5 H | 67% |
| 72 | Turbine Wheel, 3rd Stage (Cycles) | 23092511 | X578028 | 6000 S | 7/17/2017 | 7,296 S | 156 | 2,984 | 3,140 | | | 2,860 S | 10,312 S | 47% |
| 72 | Turbine Wheel, 4th Stage | 23066744 | X570633 | 4550.0 H | 10/24/2013 | 2,436.9 H | 843.4 | 900.1 | 1,743.5 | | | 2,806.5 H | 6,086.8 H | 61% |
| 72 | Turbine Wheel, 4th Stage (Cycles) | 23066744 | X570633 | 6000 S | 10/24/2013 | 5,647 S | 1,805 | 1,855 | 3,660 | | | 2,340 S | 9,792 S | 39% |
| 73 | Combine Engine Filter Assy | 23066681 | S/N | (None) | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | | | 100% |
| 73 | FADEC | 23072790 | JGOALK0665 | (None) | 1/11/2016 | 2,899.4 ACTT | 1,252.6 | 0.0 | 1,252.6 | | | | | 100% |

| (SN: 53580 \| Type: 407)<br>Last Updated: 4/30/2018 | Engine #1 (SN: CAE-847795 \| Model: ) |
|---|---|
| ACTT: 4,152.0 \| Hobbs: 4,152.0 \| Last Update: 4/30/2018<br>Landings: 14,915 \| ROL: 0 | Starts: 7,452 \| Total Time: 3280.3<br>Flights: 14915 |

| ATA\|MCN | Description | P/N | S/N | Service Life | Date C/W | Interval @ Install | Since Install | TSN @ Inst | Total TSN | TSO @ Inst | Total TSO | Remains | Due At | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aerofilter, FDC - Intake | 1206A2-4540L/R | 00155 | 4500.0 ACTT | 5/21/2013 | 3,120.9 ACTT | 1,031.1 | 0.0 | 1,031.1 | | | 3,468.9 ACTT | 7,620.9 ACTT | 77 % |
| | Cargo Hook | 528-010-04 | 674 | 5.0 Y | 11/13/2014 | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | 0.0 | 4,152.0 | 1.5 Y | 11/13/2019 | 30 % |
| | Gimble Arm, SX-5 | 030040-121 | S/N UD2836 | 7.0 Y | 11/30/2016 | 3,913.7 ACTT | 238.3 | 0.0 | 238.3 | | | 5.6 Y | 11/30/2023 | 79 % |
| | Lifeport MedPak Oxygen Bottle | 1270152-4 | 282-1350 | 15.0 Y | 1/10/2004 | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | 8.4 M | 1/10/2019 | 4 % |
| 24 | Starter / Generator | 206-062-200-123 | 8086-X12 | 1000.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 17.1 | 0.0 | 17.1 | 0.0 | 17.1 | 982.9 ACTT | 5,134.9 ACTT | 98 % |
| 5 | 1st Stage Nozzle Shield | 23073566 | S/N | (None) | | 1,117.5 ACTT | 3,034.5 | 2,340.3 | 5,374.8 | | | | | 100 % |
| 5 | Tie Bolt | 23008030 | NC78338 | (None) | | 3,384.8 ACTT | 737.2 | 1,469.1 | 2,236.3 | | | | | 100 % |
| 72 | Bleed Valve | 23073353 | FF26583 | 1500.0 H | 12/3/2015 | 2,894.4 H | 385.9 | 0.0 | 385.9 | 0.0 | 385.9 | 1,114.1 H | 4,394.4 H | 74 % |
| 72 | Engine | 23063392 | CAE-848567 | (None) | | 0 | 0 | 0 | 0 | | | | 0 | 100 % |
| 72 | Gearbox | 23063393 | CAG-47795 | (None) | | 0.0 ACTT | 4,152.0 | 0.0 | 4,152.0 | | | | | 100 % |

| ATA\|MCN | Description | Service Life | Date C/W | Complied With | Remains | Due At |
|---|---|---|---|---|---|---|
| | 10-25 Hour #1 & #2 Tail Rotor Driveshaft Disc Pack Couplings Torque Check | (None) | 9/18/2017 | 4,062.3 ACTT | | |
| | 10-25 Hour All Tail Rotor Driveshaft Disc Pack Couplings Torque Check | (None) | 6/3/2016 | 3,815.7 ACTT | | |
| | 10-25 Hour Swashplate Tilt Friction Check | 10.0 ACTT | 3/22/2018 | 4,134.9 ACTT | -7.1 - 7.9 ACTT | 4,144.9 ATT - 4,159.9 ACTT(+150.00%) (~08/04/2018) |
| | 10-25 Hour Tail Rotor Gearbox Torque Check | (None) | | 0 | | 0 |
| | 100+/-10 Hour Engine Mounts Torque Check | (None) | | 0 | | 0 |
| | 100+/-10 Transmission Top Case Torque Check | (None) | 10/26/2016 | 3,905.2 ACTT | | |
| | 25+/-5 Hour Expandable Blade Bolt Tension Check | 20.0 ACTT | 3/22/2018 | 4,134.9 ACTT | 2.9 - 12.9 ACTT | 4,154.9 ATT - 4,164.9 ACTT(+50.00%) (~10/02/2018) |
| Total: 99 | Description | Service Life | Date C/W | Complied With | Remains | Due At |

MODEL 407 ACTUAL WEIGHT RECORD

DATE WEIGHED: 7-14-04 SERIAL NUMBER: 53580 CONFIGURATION: High Skids

OPTIONAL EQUIPMENT INSTALLED

| REFERENCE | ITEM AND PART NUMBER | WGT | H. ARM | L. ARM |
|---|---|---|---|---|
| STC No. SH1990SO | AAI Passenger Automatic Door Openers, P/N 407-512-103 | 2.8 | 104 | 0 |
| STC No. SH1990SO | AAI Baggage Door Opener Kit, P/N 206-510-214 | .9 | 155 | -22 |
| STC No. SR01040AT | AAI Passenger Sliding Doors, P/N 407-600-201, -202 | 21.2 | 125 | 0 |
| STC No. SR09326RC | AAI High Visibility Crew Doors, P/N 407-577-101, -102 | 26.0 | 65 | 0 |
| STC No. SR09326RC | AAI High Visibility Crew Door Openers, P/N 407-575-001, -003, -004 | 2.76 | 44 | 0 |
| STC No. SR00401DE * | Paravion Technology, Inc. Snow Deflector Dzus Kit, P/N PR-407SD-900M | 4.2 | 130 | 0 |
| STC No. SR00411DE * | Paravion Technology Blade Folding Kit, P/N 407BF-100 | Weight | Change | Neg. |
| BHT-407-II-5 | BHT Cargo Hook Kit, P/N 206-706-341-123 | 4.2 | 101 | -3.2 |
| BHT-407-II-7 | BHT Litter Provisions Ski Rack, P/N 407-706-631-155 | 1.5 | 78 | -9.8 |
| Report AA-00093 (C) | AAI WX-500 Stormscope Ant. Mount Kit, P/N 407-024-100 | 2.3 | 37 | 0 |
| Dwg No. F89-13001 | AAI Two-Piece Co-Pilot's Seat Mod (Quick Deploy Litter System) | | | |
| | Fwd (Co-pilot Seat) (removable) | 12.5 | 60 | - 11.0 |
| | Aft (L/H) Aft Facing Seat) | 12.5 | 91 | - 11.0 |
| Report AA-03028 (A) | AAI Baggage Compartment Edge Protector Kit, P/N 407-455-001 | Weight | Change | Neg. |
| S/N 107959-1 | LifePort Med Wall, Model CPI-029 | 18.8 | 142 | 0 |
| | LifePort Med Wall Control Panel, CP2-029/-030/-031;CP3-025/-026 | 11.2 | 142 | 0 |
| STC No. SR09173RC S/N 107788-1 | LifePort MedPack, P/N MP2-001-10 | 82.6 | 163 | 0 |
| S/N 13580 | LifePort Oxygen Cylinder Mount, P/N OX1-007 | 5.8 | 101 | -11 |
| S/N 107783-1 | LifePort Interface/Baggage Overhead, P/N WI1-017 | 12.2 | 173 | 0 |
| S/N 107771-1 | LifePortBottom Plate, P/N 100-4554 | 12.6 | 94 | -11 |
| S/N 107769-1 | LifePort Curtain Installation, P/N FB1-005-02 | 1.4 | 81 | 0 |
| STC No. SR09175RC S/N 107754-1 | LifePort Med Deck Upper Deck P/N 100-4962-02 | 27.0 | 82 | -11 |
| S/N 107856-1 ** | LifePort Aerosled RS Model No. 100-5835 | 41.2 | 82 | -11 |
| ** | Litter | 37.8 | 82 | -11 |

NOTE: Equipment listed above was installed when helicopter was weighed except as indicated by (*).
Optional equipment listed above as indicated by (**) can only be installed one at a time.

MODEL 407 ACTUAL WEIGHT RECORD

DATE WEIGHED: 7-14-04 SERIAL NUMBER: 53580 CONFIGURATION: High Skids

OPTIONAL EQUIPMENT INSTALLED

| REFERENCE | ITEM AND PART NUMBER | WGT | H. ARM | L. ARM |
|---|---|---|---|---|
| S/N 2063 | Spectrolab P/N 032347 SX-5 J-Box | 5.0 | 21.5 | -18.0 |
| S/N 4645 | Spectrolab P/N 030039SX-5 Control Box | 0.7 | 50.0 | -4.0 |
| S/N 1191 | Spectrolab P/N 024711-31 SX-5 NightSun | 10.0 | 23.55 | 0 |
| S/N 1221 | Spectrolab P/N 030040-100 SX-5 Gimbal Assembly | 11.0 | 23.55 | 0 |
| S/N 670 | Spectrolab P/N W-7104B SLASS RCU | 1.0 | 50.0 | -4.0 |
| S/N 773 | Spectrolab P/N W7102B2 (2c) SLASS ECU | 3.0 | 21.5 | -18.0 |
| S/N 60159 | WESCAM P/N SIU-800-G WESCAM DS200 SIU | 9.0 | 101.0 | -2.75 |
| S/N 1192 | WESCAM P/N 32025-1 DS200 Turret Assembly | 47.0 | 47.5 | -11.5 |
| S/N 104 | WESCAM P/N HCL-800 DS200 Hand Controller | 1.5 | 48 | -4.0 |
| S/N 031270P142 | Avalex AMS-7000 Mapping Processor | 7.5 | 200.0 | -5.0 |
| S/N 030592K114 | Avalex P/N ARK9200H Mapping Keyboard | 2.5 | 41.0 | -12.0 |
| S/N 031049E567 | Avalex P/N AVM4090NT Video Monitor | 3.5 | 41.0 | -12.0 |
| S/N 030992K161 | Avalex P/N ARK9100 DVR Remote Keypad | 1.0 | 39.0 | -1.0 |
| S/N 03968T171 | Avalex P/N AVR8000 DVR | 9.5 | 176.5 | -8.0 |
| S/N 040120P139 | Avalex P/N ADR9030 Data Recorder | 0.25 | 176.5 | -8.0 |
| S/N 0403ST002C1098 | MRC P/N 907233-11 MRC R/T | 19.0 | 197.5 | 1.0 |
| S/N AA04030022 | MRC P/N 907621-2 MRC Controller | 0.7 | 51.5 | 1.0 |
| N/A | MRC P/N MP04-019R MRC Antenna | 0.75 | 162.0 | -10.0 |
| S/N 4830 | Sandel P/N SN3308-00-BR SN3308 EHSI | 2.9 | 37.0 | 12.0 |
| S/N 45790 | Ameri-King P/N AK-551-LD Light Dimmer Relay | 1.5 | 199.0 | 6.0 |
| S/N L23101 | Mid Continent P/N MD26-28 26VAC Inverter | 1.0 | 21.0 | -11.0 |
| S/N 203110368 | Astron P/N N2412-12 28-12VDC Converter | 1.5 | 31.0 | -20.0 |
| S/N 06201205 | Mid-Continent P/N 5550-8340N5L Turn & Bank Indicator | 1.4 | 39.0 | 15.0 |
| S/N 8538 | United Instruments P/N 7160C.130 VSI | 1.4 | 39.0 | 15.0 |
| S/N 13127 | Thales Avionics P/N H140JJM1 Attitude Indicator | 4.0 | 39 | 12.0 |
| S/N SRA-8842 | Trans-Cal Industries P/N SSD-120-RS232 Blind Encoder | 0.6 | 22.0 | 3.0 |
| S/N 048360 | ACK Tech. Model E-01 ELT | 3.3 | 198.5 | 8.0 |
| N/A | Pointer P/N 3001-10 ELT Antenna | 0.2 | 218.5 | 0 |
| N/A | Hobbs P/N 85094 Mini-Hobbs | 0.2 | 41.0 | -8.0 |
| S/N 0231644-0822029 | Motorola P/N SYN9271B Cell Phone R/T | 0.3 | 72.5 | 14.0 |
| S/N 3D6CB1470SJ | Motorola P/N 88945GHBPA V60P Cell Phone | 0.25 | 51.0 | -4.5 |
| N/A | Andrew Model #5409 Cell Phone Antenna | 0.2 | 23.5 | -6.5 |
| S/N 025110 | Luminator P/N 930-500-50-1 Steerable Landing Light | 7.0 | 10.0 | 0 |
| S/N 1152026 | Stinger P/N 75100 Rechargeable Flashlight | 0.7 | 52.0 | 6.5 |
| S/N 34410 | Dorne Margolin P/N DMC70-1/A #1 COM Antenna | 0.75 | 58.0 | 7.5 |
| S/N 23608 | Dorne Margolin P/N DMN48-1-2 R/H Nav Antenna | 0.5 | 205.0 | 13.0 |
| S/N 23680 | Dorne Margolin P/NDMN48-1-2 L/H Nav Antenna | 0.5 | 205.0 | -13.0 |
| S/N 002-003708 | LoneStar P/N 122253-10A Noise Filter | 0.8 | 32.0 | -1.0 |
| S/N 002-003711 | LoneStar P/N 122253-10A Noise Filter | 0.8 | 32.0 | -1.0 |
| S/N 002-003713 | LoneStar P/N 122253-10A Noise Filter | 0.8 | 196.0 | -8.0 |
| S/N 3621 | LoneStar P/N CRB-122253 Avionics Cooling Fan | 0.75 | 24.0 | 1.0 |
| S/N 3644 | LoneStar P/N CRB-122253 Avionics Cooling Fan | 0.75 | 25.0 | -14.0 |
| S/N 3616 | LoneStar P/N CRB-122253 Avionics Cooling Fan | 0.75 | 25.0 | 14.0 |
| N/A | Devore P/N 00033096-5 Tail Rotor Flood Light | 1.0 | 311.0 | 37.5 |
| N/A | Devore P/N 00033096-5 Tail Rotor Flood Light | 1.0 | 311.0 | -37.5 |
| S/N 30521 | Whelen P/N 01-0770028-05 Strobe Power Supply | 2.1 | 186.0 | 7.0 |

NOTE: Equipment listed above was installed when helicopter was weighed except as indicated by (*).

MODEL 407 ACTUAL WEIGHT RECORD

DATE WEIGHED: 7-14-04 SERIAL NUMBER: 53580 CONFIGURATION: High Skids

## OPTIONAL EQUIPMENT INSTALLED

| REFERENCE | ITEM AND PART NUMBER | WGT | H. ARM | L. ARM |
|---|---|---|---|---|
| N/A | Whelen P/N 01-0770054-01 A650-PR-28V RH Position/ Strobe Light | 0.6 | 309.0 | 45.0 |
| N/A | Whelen P/N 01-0770054-03 A650-PR-28V LH Position/ Strobe Light | 0.6 | 309.0 | -45.0 |
| N/A | Whelen P/N 01-0770024-03 A500A-H-28 Tail Strobe | 0.3 | 399.0 | 0 |
| N/A | Whelen P/N 01-0770155-00 Model A715-1 Skid Gear Light | 0.5 | 156.0 | 14.0 |
| N/A | Whelen P/N 01-0770155-00 Model A715-1 Skid Gear Light | 0.5 | 156.0 | -14.0 |
| N/A | Whelen P/N 01-0770346-03 Patient Loading Light | .5 | 86.0 | -10.5 |
| N/A | Whelen P/N 01-0770190R12 Gooseneck Map Light Assy | 0.2 | 38 | -14.0 |
| N/A | Whelen P/N 01-0770142-03 A360-307 Baggage Light | 0.21 | 189.5 | -3.0 |
| S/N 3120056 | Comant P/N CI-101 Transponder Antenna | 0.2 | 78.0 | 0 |
| S/N 3120050 | Comant P/N CI-101 DME Antenna | 0.2 | 200.5 | 0 |
| S/N 3092703 | Comant P/N CI-306 Wulfsberg P-2000 FM Antenna | 0.2 | 213.0 | 0 |
| S/N 3092704 | Comant P/N CI-306 Wulfsberg P-2000 FM Antenna | 0.2 | 58.0 | -7.0 |
| S/N 3093250 | Comant P/N CI-405-200 WESCAM AMS7000 GPS Ant. | 4.2 | 209.0 | 0 |
| S/N 3113142 | Comant P/N CI-122 #2 COM Antenna | 0.5 | 248.5 | 0 |
| S/N 3113371 | Comant P/N CI-122 Stereo Antenna | 0.5 | 218.5 | 0 |
| S/N 3112591 | Comant P/N CI-1125 Diplexer | 0.2 | 37.0 | 3.0 |
| S/N 457 | AAI P/N 407-825-001 FLIR Quick Mount Kit | 1.5 | 47.5 | -11.5 |
| N/A | AAI P/N 286-13002-01 Expanded Instrument Panel | 10.0 | 29.0 | 1.0 |
| S/N 179 | AAI P/N 099-114-001 Relay Unit | 1.0 | 160.0 | -10.5 |
| S/N 192 | AAI P/N 099-114-001 Relay Unit | 1.0 | 28.0 | -15.0 |
| STC No. SR01411AT | AAI P/N 407-881-002 Deluxe Slant Console | 4.99 | 50.0 | 1.0 |
| STC No. SR01603N –D | Wysong P/N 407-5100-01 SX-16 Nose Mount | 3.13 | 23.55 | 0 |
| STC No. SR09243RC | AAI P/N F32-13012-01 Nose Shelf Kit | 5.0 | 24.0 | -13.0 |
| STC No. SR09239RC S/N 032206 | AAI P/N F48-13000-07 Steerable Landing Light | 10.0 | 10.0 | 0 |
| STC No. SH8319NM S/N T02901 | Precise Flight P/N 1220-2410-2 Pulse Light Control Unit | 1.0 | 16.0 | -6.0 |
| STC No. SA02707AT S/N B01051-C | PS Engineering P/N 050-800-0100 PAV-80 | 2.4 | 52.0 | 1.0 |
| STC No. SR00222DE | Air Comm Corporation Air Conditioner w/ Dual Fwd Evaporators, P/N 407EC-1 | 105.5 | 127 | 0 |
| STC No. SR00221DE | Air Comm Corporation Cabin Heater with Windshield & Chin Bubble Defrost, P/N 407H-2 | 20.6 | 84 | 0 |
| STC No. SH1366SO | AAI Pre-Flight Step Handles, P/N 407-531-002 | 2.0 | 109 | 0 |
| STC No. SH1366SO | AAI Pre-Flight Step Handles, P/N 407-531-002 | 2.0 | 138 | 0 |
| STC No. SH1322SO | AAI Accessory Steps, P/N 407-302-003, -004 | 3.5 | 156 | 0 |
| STC No. SH3289SO | AAI Crew Floor Protector Kit, P/N 407-450-001 | 3.0 | 44 | 0 |
| STC No. SH1147SO | AAI Baggage Floor Protector, P/N 407-453-101 | 4.5 | 176 | 0.0 |
| STC No. SR00235AT | AAI Headset Retention Bracket Assy, P/N 206-884-100 | Weight | Change | Neg. |
| STC No. SR01051AT | AAI Slide Window Latch Kit, P/N 407-552-500 | Weight | Change | Neg. |
| STC No. SR01051AT | AAI Tinted Cabin Windows, P/N 407-541-349/-350 & Mid Windows, P/N 407-559-003/-004/-013/-014 | Weight | Change | Neg. |
| STC No. SR01336AT | AAI Rappelling Fixture Kit, P/N 407-150-001 | 7.0 | 125 | 0 |
| STC No. SH244WE | AAI Cyclic Support Safety Cover, P/N 427-927-001 | Weight | Change | Neg. |
| STC No. SH2373SO | AAI Collective Safety Cover, P/N 407-929-001 | Weight | Change | Neg. |

NOTE: Equipment listed above was installed when helicopter was weighed except as indicated by (*).

MODEL 407 ACTUAL WEIGHT RECORD

DATE WEIGHED: 7-14-04 SERIAL NUMBER: 53580 CONFIGURATION: High Skids

OPTIONAL EQUIPMENT INSTALLED

| REFERENCE | ITEM AND PART NUMBER | WGT | H. ARM | L. ARM |
|---|---|---|---|---|
| S/N 46350250 | Garmin P/N 011-00835-00 GNS-530A GPS/NAV/COM | 8.0 | 37.0 | -1.0 |
| S/N 59089657 | Garmin P/N 011-00134-00 GA-56 #1 GPS Antenna | 0.5 | 58.0 | -3.0 |
| S/N 46100186 | Garmin P/N 011-00836-00 GNS-430A #2 GPS/NAV/COM | 5.5 | 39.0 | 1.0 |
| S/N 59089656 | Garmin P/N 011-00134-00 GA-56 #2 GPS Antenna | 0.5 | 85.0 | 4.5 |
| S/N 84109080 | Garmin P/N 011-00455-00 GTX-330 Mode S Transponder | 4.0 | 40.0 | 1.0 |
| S/N 50636 | King P/N 060-00015-0000 KG-102A Directional Gyro | 4.8 | 67.0 | 12.5 |
| S/N 68483 | King P/N 071-01052-0000 KMT-112 Flux Valve | 0.3 | 215.0 | 0 |
| S/N 18517 | King P/N 066-01061-0003 KRA-10A Rad Alt R/T | 2.0 | 165.0 | 9.0 |
| S/N 12197 | King P/N 066-03054-0001 KI-250 Rad Alt Indicator | 0.9 | 40.0 | 16.0 |
| S/N 14790 | King P/N 071-01114-0000 KA-131 Rad Alt Antenna | 0.9 | 147.5 | 0 |
| S/N 78117 | King P/N 066-01072-0004 KR-87 ADF Receiver | 3.5 | 39.0 | 1.0 |
| S/N 80154 | King P/N 071-01234-0000 KA-44B ADF Antenna | 9.2 | 175.0 | 0 |
| S/N 28034 | King P/N 066-01070-0001 KN-63 DME R/T | 2.8 | 199.0 | 0 |
| S/N 29655 | King P/N 066-01069-0000 KDI-572 DME Indicator | 0.8 | 40.0 | 6.5 |
| S/N 85247 | Goodrich P/N 805-11500-0001 WX-500 Stormscope R/T | 1.8 | 200.5 | -3.5 |
| S/N 84817 | Goodrich P/N 805-10930-001 NY-163 Stormscope Antenna | .84 | 236.0 | 0 |
| S/N 81662 | Goodrich P/N 805-10800-001 TRC-497 Skywatch R/T | 8.94 | 162.0 | 5.0 |
| S/N 82032 | Goodrich P/N 805-10890-001 NY-164 Skywatch Antenna | 2.3 | 86.0 | -2.0 |
| S/N 1920 | Northern Airborne Technology, Ltd. P/N PA220-010 PA Amp | 7.75 | 31.0 | -20.0 |
| S/N 3467 | Northern Airborne Technology, Ltd. P/N AA22-163 PA Controller | 1.0 | 49.0 | 1.0 |
| S/N 1072 | Northern Airborne Technology, Ltd. P/N TS200WR PA Speaker | 8.6 | 106.0 | 0 |
| S/N 20996 | Northern Airborne Technology, Ltd. P/N AA34-300 Audio Adapter | 0.4 | 64.0 | 9.0 |
| S/N 1056 | Northern Airborne Technology, Ltd. Model 247 Audio Mixer Amp | 0.42 | 59.0 | -18.0 |
| S/N 8557 | Northern Airborne Technology, Ltd. P/N AA95-932 Audio Panel | 2.1 | 37.0 | 12.0 |
| S/N 8558 | Northern Airborne Technology, Ltd. P/N AA95-932 Audio Panel | 2.1 | 37.0 | -12.0 |
| S/N 8559 | Northern Airborne Technology, Ltd. AA95-933 Cabin Audio Panel | 2.1 | 95.0 | 0 |
| S/N 2056 | Northern Airborne Technology, Ltd. AA31-1-6 ICS Controller | 0.5 | 39 | 12.0 |
| S/N C01205 | PS Engineering P/N 050-160-0200 PRD-60 Digital Recorder Warning System | 1.0 | 21.0 | -11.0 |
| S/N 37326 | Wulfsberg P/N 400-015525-1311 FlexComm II AM/FM Receiver | 18.0 | 200.0 | 3.5 |
| S/N 37325 | Wulfsberg P/N 31300-1202-1200 FlexComm II C-5000 Control | 3.5 | 49.0 | 1.0 |
| S/N 7200 | Wulfsberg P/N 121-040045-01 A-5000 Antenna | 2.5 | 64.0 | 5.0 |
| S/N 7367 | Wulfsberg P/N 153-040047-01 FC-5000 Logic Converter Unit | 1.5 | 194.0 | -9.0 |
| S/N 37322 | Wulfsberg P/N 400-049200-11-011 P-2000 VHF Control | 3.7 | 38 | -1.0 |
| S/N 37956 | Wulfsberg P/N 400-049300-11-011 C-2000 Radio | 2.3 | 95.0 | 0 |

NOTE: Equipment listed above was installed when helicopter was weighed except as indicated by (*).

Bell Helicopter
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## Actual Weight and Balance Record - Model 407

Date: **16-Dec-03** Serial N°: **53580**

## Equipment List - Required Equipment Installed

| Part Number | Item Description | Weight | Long. Arm | Lateral Arm |
|---|---|---|---|---|
| **Indicators:** | | | | |
| 206-070-263-101 | Altimeter | 1.4 | 37.0 | 11.3 |
| 206-075-725-103 | Airspeed | 0.9 | 38.0 | 4.3 |
| 407-375-001-107 | MGT | 0.8 | 37.1 | 1.3 |
| 407-375-002-105 | Gas Producer Tachometer | 0.9 | 37.4 | 1.3 |
| 407-375-003-109 | Engine Torque | 0.9 | 38.0 | 1.3 |
| 407-375-004-103 | Engine Oil Pressure & Temp. | 0.8 | 39.7 | 1.2 |
| 407-375-005-103 | Transmission Oil Pressure & Temp. | 0.8 | 37.6 | -1.3 |
| 407-375-006-103 | Fuel Quantity | 0.8 | 37.4 | -1.3 |
| 407-375-007-107 | Fuel Pressure & Ammeter | 0.9 | 37.1 | -1.3 |
| 407-375-008-101 | Dual Tachometer | 2.7 | 37.2 | 4.3 |
| 407-375-015-109 | Master Caution Panel | 2.1 | 39.1 | 3.5 |
| 23-320-01 | Inclinometer | 0.3 | 39.2 | 7.5 |
| 843-67-6-R | Vertical Speed | 1.5 | 37.2 | 11.2 |
| C2300L4-24B | Standby Compass | 0.6 | 33.5 | 22.9 |
| M803B-2-0/5V-BATT | Clock / OAT / Voltmeter | 0.3 | 36.9 | -1.3 |

**continued.../**

Bell Helicopter
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## Actual Weight and Balance Record - Model 407

Date: **16-Dec-03** Serial N°: **53580**

## Equipment List - Required Equipment Installed

**/...continued**

| Part Number | Item Description | Weight | Long. Arm | Lateral Arm |
|---|---|---|---|---|
| **Equipment:** | | | | |
| 206-062-200-113 | Starter / Generator | 20.7 | 165.8 | 6.5 |
| 31908-001 | Battery | 60.6 | 15.8 | 1.0 |
| 01-0770019-21 | Anti-Collision Light | 0.3 | 392.0 | 7.0 |
| 4596 | Lamp, Landing Light (2) | 0.9 | 14.0 | 1.0 |
| A490A.TS-CF | Power Supply | 1.5 | 185.8 | 11.2 |
| | **Position Lights:** | | | |
| B3307-10 | Forward LH | 0.3 | 63.3 | -17.0 |
| B3307-8 | Forward RH | 0.3 | 63.3 | 17.0 |
| AN3033-12 | Aft LH | 0.3 | 306.0 | -39.4 |
| AN3033-13 | Aft RH | 0.3 | 306.0 | 39.4 |
| A2064-1683 | Tail | 0.2 | 398.6 | 0.0 |
| 90-004-4 | Map Light | 0.6 | 78.0 | 0.0 |
| 600W | Fire Extinguisher, Hand Type | 1.6 | 75.0 | 0.0 |
| BHT-407-FM-1 | Flight Manual | 1.7 | 37.0 | -24.0 |
| 1431311-3 | First Aid Kit | 1.8 | 91.0 | 15.0 |
| | **Seat Belts:** | | | |
| ~~222-320-823-130~~ | ~~Pilot~~ | ~~2.2~~ | ~~70.0~~ | ~~12.0~~ |
| ~~222-320-823-129~~ | ~~Forward Passenger~~ | ~~2.2~~ | ~~70.0~~ | ~~12.0~~ |
| ~~407-370-721-105~~ | ~~Mid Passenger LH~~ | ~~1.9~~ | ~~87.0~~ | ~~-15.0~~ |
| ~~407-370-721-106~~ | ~~Mid Passenger RH~~ | ~~1.9~~ | ~~87.0~~ | ~~15.0~~ |
| ~~407-370-720-101~~ | ~~Aft Passenger LH~~ | ~~1.9~~ | ~~138.0~~ | ~~-17.0~~ |
| ~~407-370-721-103~~ | ~~Aft Passenger Centre~~ | ~~1.7~~ | ~~138.0~~ | ~~0.0~~ |
| ~~407-370-720-101~~ | ~~Aft Passenger RH~~ | ~~1.9~~ | ~~138.0~~ | ~~17.0~~ |

Bell Helicopter
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## Actual Weight and Balance Record - Model 407

Date: **16-Dec-03** Serial Nº: **53580**

## Equipment List - Optional Equipment Installed

| Part Number | Item Description | Weight | Long. Arm | Lateral Arm | |
|---|---|---|---|---|---|
| 206-706-212-125 | Particle Separator | 17.6 | 141.7 | 0.9 | |
| 206-706-341-123 | Cargo Hook Provisions | 4.2 | 100.8 | -3.2 | |
| 206-706-502-107 | Rotor Brake | 9.4 | 119.2 | 0.0 | |
| 407-705-601-109 | Interior - Standard | 69.5 | 109.4 | -0.2 | # |
| 407-705-603-101 | Soundproofing - Standard | 5.8 | 114.0 | 0.0 | |
| 407-705-604-111 | Headliner with ECS Ducts | 13.7 | 113.7 | 0.0 | |
| 407-705-605-101 | Armrests - Standard | 6.9 | 112.2 | 0.0 | |
| 407-705-701-111 | Seats - Standard | 88.8 | 98.9 | 0.6 | # |
| 407-706-004-101 | 28Ah Battery | 61.3 | 15.8 | 1.0 | |
| 407-706-007-103 | High Skid Gear | 89.7 | 116.6 | 0.0 | |
| 407-706-024-101 | Main Rotor, Frahm/Cover | 50.5 | 122.2 | -0.7 | |
| 407-706-301-103 | Sliding Windows (to 407-899-086-139) | 12.1 | 123.1 | 0.0 | |
| 407-706-631-159 | Litter Provisions | 9.1 | 101.4 | -13.4 | |
| 407-706-702-105 | Dual Controls | 13.1 | 48.0 | -13.2 | |
| 407-303-003 | FloatSteps w/o guards STC SH1322SO | 26.9 | 113.5 | 0.0 | * |
| 407H-500-1 | Engine Bleed Air STC SR00220DE | 3.8 | 153.0 | 0.0 | |
| 407-899-086-139 | Window Install. (Pass., Crew, Litter, Chin & Skylight) includes: | | | | |
| 407-540-009 | Crew L/H w/Slider STC SR01051AT | 3.5 | 64.8 | -26.7 | |
| 407-540-010 | Crew R/H w/Slider STC SR01051AT | 3.5 | 64.8 | 26.7 | |
| ~~407-541-009~~ | ~~Pass. L/H w/Slider STC SR01051AT~~ | ~~5.5~~ | ~~123.0~~ | ~~-28.3~~ | |
| ~~407-541-010~~ | ~~Pass. R/H w/Slider STC SR01051AT~~ | ~~5.5~~ | ~~123.0~~ | ~~28.3~~ | |
| 407-543-101 | ChinBubble L/H STC SR01051AT | 3.0 | 20.8 | -14.3 | |
| 407-543-102 | ChinBubble R/H STC SR01051AT | 2.5 | 21.2 | 15.4 | |
| 407-548-003 | Skylight L/H STC SR01051AT | 1.0 | 68.3 | -15.9 | |
| 407-548-004 | Skylight R/H STC SR01051AT | 1.0 | 68.3 | 15.9 | |
| ~~407-559-003~~ | ~~Litter Door L/H STC SR01051AT~~ | ~~2.4~~ | ~~92.7~~ | ~~-27.7~~ | |
| ~~407-559-004~~ | ~~Fixed Panel R/H STC SR01051AT~~ | ~~2.4~~ | ~~92.7~~ | ~~27.7~~ | |

*Note: Equipment listed above was installed when helicopter was weighed, except as indicated by (*), or partially installed as indicated by (#)*

SUMMIT AVIATION
SUMMIT AIRPORT
MIDDLETOWN, DE 19709
(302) 834-5400
CRS # SMTR208I

SummitAviation
A GREENWICH AEROGROUP COMPANY

# WEIGHT AND BALANCE DATA REVISION AND EQUIPMENT UPDATE FORM 9D - ROTORCRAFT

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| A/C MAKE | BELL | MODEL | 407 | SERIAL NO. | 53580 | | | N75SP |
| GROSS WEIGHT | 5250.00 | OLD EMPTY WT | 3580.98 | OLD LAT MOMENT | 151.83 | DATE | 20-Mar-15 | |
| OLD LONG MOMENT | 464643.57 | OLD LONG C.G. | 129.75 | OLD LAT C.G. | 0.04 | USEFUL LOAD | 1664.82 | |

**INSTALLED**

| MANUFACTURER / MODEL | DESCRIPTION | PART NUMBER | SERIAL No. | WEIGHT | LONG ARM | LONG MOMENT | LAT ARM | LAT MOMENT |
|---|---|---|---|---|---|---|---|---|
| Onboard Systems | Cargo Hook | 206-706-341-123 | 674 | 4.20 | 101.00 | 424.20 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | | | | |
| | | **SUBTOTAL INSTALLED** | | **4.20** | | **424.20** | | **0.00** |

**REMOVED**

| MANUFACTURER / MODEL | DESCRIPTION | PART NUMBER | SERIAL No. | WEIGHT | LONG ARM | LONG MOMENT | LAT ARM | LAT MOMENT |
|---|---|---|---|---|---|---|---|---|
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | | | | |
| | | **SUBTOTAL REMOVED** | | **0.00** | | **0.00** | | **0.00** |
| | | | | | | | | |
| | | **NET TOTALS** | | **4.20** | | **424.20** | | **0.00** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **GROSS WEIGHT** | **5250.00** | **NEW EMPTY WT** | **3585.18** | **NEW USABLE** | **1664.82** | **DATE:** | **20-Mar-15** | |
| **NEW LONG MOMENT** | **465067.77** | **NEW LONG C.G.** | **129.72** | **NEW LAT MOMENT** | **151.83** | **NEW LAT C.G.** | **0.04** | **W.O. #4226** |