(SN: 53458 | Type: 407) Last Updated: 4/23/2018	Engine #1 (SN: CAE-847506 | Model:)
ACTT: 5,280.6 | Hobbs: 5,280.6 | Last Update: 4/23/2018 Landings: 18,416 | ROL: 0	Starts: 12,011 | Total Time: 5280.6 Flights: 18416

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			291.5 ACTT
	2013-12-07	Recurring	Visual Inspection	300.0 AH			291.5 AH
	2015-05-04	150 Hour Recurring	Visual Inspection IAW ASB 407-11-95 Part II Rev. C	150.0 ACTT			141.5 ACTT
	2015-17-02		Not Applicable due to P/N 407 340-310-101 Driveshaft Installed. No Further Action Required.	(None)			
	407-05-66	One Time	Installation of mast lock retainer	(None)			
	407-08-84			8600.0 ACTT			8,591.5 ACTT
	407-08-84		Ref ASB 407-08-84 Pt. II	300.0 ACTT			112.7 ACTT
	407-08-84			6900.0 ACTT			4,130.0 ACTT
	407-11-94		ASB 407-11-94 Superseded by BHT-MM-1 Chapter 5 Rev. 34 dated 16 Feb 2011 Table 5-22 Page 44A.	(None)			
	407-11-95		IAW ASB 407-11-95 Pt. II	150.0 ACTT			141.5 ACTT
	407-12-98		Accomplish at next main gearbox o/h	4500.0 ACTT			1,089.5 ACTT
	407-14-102	One Time	Upgrade to V5.400	(None)			
	407-15-108	One Time	Visual Inspection	(None)			
	407-16-112	One Time	Visual Inspection of Connectors	(None)			
	407-16-113	One Time	Disassembly and Visual Inspection	(None)			
	407-17-115	One Time	Not Applicable	(None)			
	407-98-21			300.0 ACTT			300.0 ACTT
	SB 407-300-1		Inspection/Torque Check	150.0 ACTT			41.4 ACTT
	407-14-111	One Time	Upgrade	(None)			

ATA|MCN	Service ID	Action UponComp	Method Of Compliance	Service Life	PDF	FAA Link	Remains
Total: 19	Service ID	Action UponComp	Method Of Compliance	Service Life	PDF	FAA Link	Remains

N165SP Components As Of 5/2/2018 DIGITAL AIRWARE LLC Created: Scarborough, Scott at 5/2/2018 14:14

(SN: 53458 | Type: 407) Last Updated: 4/23/2018	Engine #1 (SN: CAE-847506 | Model:)
ACTT: 5,280.6 | Hobbs: 5,280.6 | Last Update: 4/23/2018 Landings: 18,416 | ROL: 0	Starts: 12,011 | Total Time: 5280.6 Flights: 18416

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	%
	Gimble Arm, SX-16	019058	UD0236	7.0 Y	7/20/2011	0.0 ACTT	5,280.6	0.0	5,280.6			2.6 M	7/20/2018	3%
24	Starter / Generator	206-062-200-123	32970	1000.0 ACTT	11/17/2016	5,023.9 ACTT	256.7	0.0	256.7	0.0	256.7	743.3 ACTT	6,023.9 ACTT (~01/25/2022)	74 %
5	1st Stage Nozzle Shield	23073566	CAL2167	(None)		2,539.1 ACTT	2,741.5	0.0	2,741.5					100%
5	Tiebolt, Turbine	23008030	NC85838	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
72	Bleed Valve	23073353	FF43906	1500.0 H		3,872.6 H	1,408.0	0.0	1,408.0	0.0	1,408.0	92.0 H	5,372.6 H (~10/18/2018)	6%
72	Compressor Assy	23065593	CAC-44993	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
72	Engine Assembly	250-C47B	CAE-847506	(None)	11/29/2000	0.0 ACTT	5,280.6	0.0	5,280.6	0.0	5,280.6			100%
72	Gearbox	23063393	CAG-47506	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
72	Hydromechanical Unit	23078029	JGALM0888	2500.0 H	3/30/2017	5,043.1 H	237.5	4,430.2	4,667.7	0.0	237.5	2,262.5 H	7,543.1 H	90 %
72	Impeller, Compressor	23065591	JY102151	7500.0 H	9/2/2014	4,499.4 H	781.2	4,378.2	5,159.4			2,340.6 H	7,621.2 H	31 %
72	Impeller, Compressor (Cycles)	23065591	JY102018	15000 S		0 S	12,011	0	12,011			2,989 S	15,000 S	19 %

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	Turbine Assembly	23063354	CAT-44730	(None)	4/12/2017	5,043.1 ACTT	237.5	0.0	237.5	0.0	237.5			100%
72	Turbine Wheel, 1st Stage	M250-10227	X624688	2025.0 H	6/28/2011	5,043.1 H	237.5	0.0	237.5			1,787.5 H	7,068.1 H (~04/25/2027)	88%
72	Turbine Wheel, 1st Stage (Cycles)	M250-10227	X624688	3000 S	3/30/2017	11,571 S	440	0	440			2,560 S	14,571 S	85%
72	Turbine Wheel, 2nd Stage	M250-10658	X634100	2025.0 H	3/30/2017	5,043.1 H	237.5	0.0	237.5			1,787.5 H	7,068.1 H (~04/25/2027)	88%
72	Turbine Wheel, 2nd Stage (Cycles)	M250-10658	X634100	3000 S	3/30/2017	11,571 S	440	0	440			2,560 S	14,571 S	85%
72	Turbine Wheel, 3rd Stage	6898663	X590221	4550.0 H	6/28/2011	3,583.5 H	1,697.1	0.0	1,697.1			2,852.9 H	8,133.5 H	62%
72	Turbine Wheel, 3rd Stage (Cycles)	6898663	X590221	6000 S	6/28/2011	8,608 S	3,403	0	3,403			2,597 S	14,608 S	43%
72	Turbine Wheel, 4th Stage	23066744	X598424	4550.0 H	6/28/2011	3,583.5 H	1,697.1	0.0	1,697.1			2,852.9 H	8,133.5 H	62%
72	Turbine Wheel, 4th Stage (Cycles)	23066744	X598424	6000 S	6/28/2011	8,608 S	3,403	0	3,403			2,597 S	14,608 S	43%
73	Combine Engine Filter Assy	23064781		(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
73	FADEC ECU	23072790	JG6ALK0964	(None)		3,073.2 ACTT	2,207.4	0.0	2,207.4					100%
73	Fuel Filter, Scavenge CEFA	23056451		2000.0 H	9/2/2014	4,499.4 H	781.2	0.0	781.2			1,218.8 H	6,499.4 H (~06/15/2024)	60%
73	Fuel Nozzle	23077067	AG97541	2000.0 H	3/30/2017	5,043.1 H	237.5	0.0	237.5	0.0	237.5	1,762.5 H	7,043.1 H (~03/10/2027)	88%

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	Oil Filter, Scavenge CEFA	23066697		2000.0 H	3/30/2017	5,043.1 H	237.5	0.0	237.5			1,762.5 H	7,043.1 H (~03/10/2027)	88 %
77	NATOR, PERMANENT MAGNET	23064128		(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
25	ELT Battery	Artex ME406HM		6.0 Y	3/31/2015	0.0 ACTT	5,280.6	0.0	5,280.6			2.9 Y	3/31/2021	48 %
26	Portable Fire Extinguisher	RT-A6000	PO25035	12.0 Y	9/26/2010	0.0 ACTT	5,280.6	0.0	5,280.6			4.4 Y	9/26/2022	36 %
53	Tailboom Assy	407-030-801-205	BP-1668	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
32	Aft Crosstube Assembly	407-050-202-101	53458	5000 ROL		0 ROL	0	0	0			5,000 ROL	5,000 ROL	100%
32	Forward Crosstube Assembly	407-724-101	53458	5000 ROL		0 ROL	0	0	0			5,000 ROL	5,000 ROL	100%
62	Blade, M/R	407-015-001-129	A-2908	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Blade, M/R	407-015-001-129	A-2900	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Blade, M/R	407-015-001-129	A-2902	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Blade, M/R	407-015-001-129	A-2847	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Cone Seat, M/R Hub - Lower	407-010-107-103	TI-207	(None)	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9					100%
62	Drive Ring Set - M/R Hub	406-010-126-107	TI-156	100000 TE RIN	11/6/2013	13,511 TE RIN	4,905	11,042	15,947			84,053 TE RIN	102,469 TE RIN	84 %
62	Expandable Bolt, M/R Blade	406-310-103-101	SLFS-3841	(None)	9/29/2016	4,981.2 ACTT	299.4	0.0	299.4					100%
62	Expandable Bolt, M/R Blade	406-310-103-101	SLFS-54512	(None)	9/29/2016	4,981.2 ACTT	299.4	0.0	299.4					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	Gimbal Ring	406-010-427-109	A-1367	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Grip Assy, M/R Hub (Blue)	406-010-108-125	TI-689	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
62	Grip Assy, M/R Hub (Green)	406-010-108-125	TI-712	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
62	Grip Assy, M/R Hub (Orange)	406-010-108-125	TI-720	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
62	Grip Assy, M/R Hub (Red)	406-010-108-125	TI-693	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
62	Hub Assy, M/R	407-010-100-115	LK-117	2500.0 ACTT	4/12/2017	5,043.1 ACTT	237.5	3,213.4	3,450.9	0.0	237.5	2,262.5 ACTT	7,543.1 ACTT	90%
62	Inner Ring Assy, Swashplate	406-010-410-121	A-1768	(None)		4,117.6 ACTT	1,163.0	0.0	1,163.0					100%
62	Lever, Collective	406-010-408-101	A-FS1426	(None)		4,117.6 ACTT	1,163.0	0.0	1,163.0					100%
62	Link, Collective Idler	406-010-407-101	TIFS450	(None)		2,356.0 ACTT	2,924.6	0.0	2,924.6					100%
62	Outer Ring Assy, Swashplate	406-010-441-117	A-1803	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Pitch Horn, M/R Hub (Blue)	407-010-103-107	TI 923	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Pitch Horn, M/R Hub (Green)	407-010-103-107	TI928	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					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	Pitch Horn, M/R Hub (Orange)	407-010-103-107	TI962	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Pitch Horn, M/R Hub (Red)	407-010-103-107	TI929	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Plate, M/R Hub	406-010-115-127	AZ-950	2500.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	811.9	1,886.4			613.6 ACTT	5,894.2 ACTT (~06/01/2021)	24%
62	Plate, M/R Hub	406-010-117-125	AZ-877	2500.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	811.9	1,886.4			613.6 ACTT	5,894.2 ACTT (~06/01/2021)	24%
62	Sleeve Assy, Swashplate	406-010-409-107	A-1508	(None)		4,117.6 ACTT	1,163.0	0.0	1,163.0					100%
62	Support Assy, Swashplate	406-010-406-119	A-1477	(None)		2,353.0 ACTT	2,927.6	0.0	2,927.6					100%
62	Yoke, M/R	407-010-101-101	A-794	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
62	Mast Assy, M/R	407-040-011-103	53407	2500.0 ACTT	4/12/2017	5,043.1 ACTT	237.5	0.0	237.5	0.0	237.5	2,262.5 ACTT	7,543.1 ACTT	90%
63	Corner Mount - Left	407-310-203-101	Ik-8675	(None)	5/1/2015	4,625.0 ACTT	655.6	0.0	655.6					100%
63	Corner Mount - Left	407-310-203-101	LK-8676	(None)	5/1/2015	4,625.0 ACTT	655.6	0.0	655.6					100%
63	Corner Mount - Right	407-310-203-101	LK-8688	(None)	5/1/2015	4,625.0 ACTT	655.6	0.0	655.6					100%
63	Corner Mount - Right	407-310-203-101	LK-9747	(None)	5/1/2015	4,625.0 ACTT	655.6	0.0	655.6					100%
63	Drive Hub Set, Mast	406-010-428-109	A-1406	(None)		4,117.6 ACTT	1,163.0	0.0	1,163.0					100%
63	Freewheeling Unit	406-040-500-131 FM	A-4845	2500.0 ACTT	4/12/2017	5,043.1 ACTT	237.5	4,999.2	5,236.7	0.0	237.5	2,262.5 ACTT	7,543.1 ACTT	90%

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	Input Driveshaft-KAMATICS	407-340-310-101	KC-1340	2500.0 ACTT	4/12/2017	5,043.1 ACTT	237.5	0.0	237.5	0.0	237.5	2,262.5 ACTT	7,543.1 ACTT	90 %
63	L/H Pylon Side Beam	407-010-201-105	TI-2692	5000.0 ACTT	5/1/2015	4,625.0 ACTT	655.6	0.0	655.6			4,344.4 ACTT	9,625.0 ACTT	86 %
63	L/H Pylon Side Beam	407-010-201-105	TI-2692	17000 TE RIN	5/1/2015	14,875 TE RIN	3,541	0	3,541			13,459 TE RIN	31,375 TE RIN	79 %
63	Lever Assy, Drive	406-010-425-107	A-2847	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
63	Lever Assy, Drive	406-010-425-107	A-2924	(None)		4,117.6 ACTT	1,163.0	0.0	1,163.0					100%
63	Link Assy, Drive	406-010-426-101	A-FS2363	(None)		4,117.6 ACTT	1,163.0	0.0	1,163.0					100%
63	Link Assy, Drive	406-010-426-101	A-FS2367	(None)		4,117.6 ACTT	1,163.0	0.0	1,163.0					100%
63	Main Rotor Mast	407-040-038-105	A-557	18000 TE RIN	3/2/2016	16,649 TE RIN	1,767	0	1,767			16,233 TE RIN	34,649 TE RIN	90 %
63	Main Rotor Mast	407-040-038-123	N-1666	5000.0 ACTT	3/2/2016	4,854.5 ACTT	426.1	0.0	426.1			4,573.9 ACTT	9,854.5 ACTT	91 %
63	Pylon Restraint Spring-Left	407-010-206-103	LP-3508	5000.0 ACTT	3/29/2013	4,117.6 ACTT	1,163.0	1,353.6	2,516.6			2,483.4 ACTT	7,764.0 ACTT	49 %
63	Pylon Restraint Spring-Right	407-010-206-103	BP-03597	5000.0 ACTT	4/12/2017	5,043.1 ACTT	237.5	0.0	237.5			4,762.5 ACTT	10,043.1 ACTT	95 %
63	R/H Pylon Side Beam	407-010-203-105	TI-495	5000.0 ACTT	5/1/2015	4,625.0 ACTT	655.6	0.0	655.6			4,344.4 ACTT	9,625.0 ACTT	86 %
63	R/H Pylon Side Beam	407-010-203-105	TI-2522	17000 TE RIN	5/1/2015	14,875 TE RIN	3,541	0	3,541			13,459 TE RIN	31,875 TE RIN	79 %
63	Rotor Brake Caliper	407-540-304-101 FM	485	3000.0 ACTT	2/27/2013	4,117.6 ACTT	1,163.0	2,895.0	4,058.0	1,095.0	2,258.0	742.0 ACTT	6,022.6 ACTT (~01/22/2022)	24 %

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	Rotor Brake Caliper	407-540-304-101 FM	488	3000.0 ACTT	2/27/2013	4,117.6 ACTT	1,163.0	2,895.0	4,058.0	1,095.0	2,258.0	742.0 ACTT	6,022.6 ACTT (~01/22/2022)	24 %
63	Rotor Brake Disc	407-340-318-101	1976	12000.0 ACTT	10/22/2014	4,534.6 ACTT	746.0	0.0	746.0	0.0	746.0	11,254.0 ACTT	16,534.6 ACTT	93 %
63	Top Case, Transmission Assy	406-040-052-109	BH432020	(None)	4/12/2017	5,043.1 ACTT	237.5	0.0	237.5					100%
63	Transmission Assy	407-040-006-107	A-476	2500.0 ACTT	4/12/2017	5,043.1 ACTT	237.5	4,128.0	4,365.5	0.0	237.5	2,262.5 ACTT	7,543.1 ACTT	90 %
62	Swashplate & Support Assy	406-010-401-117	A-1093	2500.0 ACTT	5/1/2015	4,625.0 ACTT	655.6	4,202.1	4,857.7	0.0	655.6	1,844.4 ACTT	7,125.0 ACTT (~08/07/2027)	73 %
67	Anti-Drive Lever	406-010-431-109	TI-1605	5000.0 ACTT	5/1/2015	4,625.0 ACTT	655.6	4,202.1	4,857.7			142.3 ACTT	5,422.9 ACTT (~01/18/2019)	2%
67	Anti-Drive Link	406-010-432-101	TIFS-1688	5000.0 ACTT	5/1/2015	4,625.0 ACTT	655.6	0.0	655.6			4,344.4 ACTT	9,625.0 ACTT	86 %
67	Bearing, Pitch Control Link	406-310-405-101	RXFS-8356	(None)	11/6/2013	4,206.1 ACTT	1,074.5	0.0	1,074.5					100%
67	Bearing, Pitch Control Link	406-310-405-103	RXFS-11652	(None)	11/6/2013	4,206.1 ACTT	1,074.5	0.0	1,074.5					100%
67	Bearing, Pitch Control Link	406-310-405-103	RXFS-14609	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
67	Bearing, Pitch Control Link	406-310-405-103	RXFS-15838	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
67	Bellcrank Support	407-001-511-101	RE-658	5000.0 ACTT	3/29/2013	4,117.6 ACTT	1,163.0	3,065.9	4,228.9			771.1 ACTT	6,051.7 ACTT (~03/17/2022)	15 %

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	Clevis, Pitch Control Link	406-010-416-101	DIFS-2517	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14 %
67	Clevis, Pitch Control Link	406-010-416-101	DIFS-2378	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14 %
67	Clevis, Pitch Control Link	406-010-416-101	DIFS-2516	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14 %
67	Clevis, Pitch Control Link	406-010-416-101	DIFS-2434	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14 %
67	Collective Bellcrank-Center	407-001-524-105	TI-670	5000.0 ACTT	3/29/2013	4,117.6 ACTT	1,163.0	3,065.9	4,228.9			771.1 ACTT	6,051.7 ACTT (~03/17/2022)	15 %
67	Cyclic Lateral Bellcrank-Left	407-001-528-101	TI-185	5000.0 ACTT	3/29/2013	4,117.6 ACTT	1,163.0	3,065.9	4,228.9			771.1 ACTT	6,051.7 ACTT (~03/17/2022)	15 %
67	Cyclic Longitudinal Bellcrank-Right	407-001-526-105	TI-186	5000.0 ACTT	3/29/2013	4,117.6 ACTT	1,163.0	3,065.9	4,228.9			771.1 ACTT	6,051.7 ACTT (~03/17/2022)	15 %
67	Link Assy, Pitch	406-010-413-131	A-10105	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
67	Link Assy, Pitch	406-010-413-131	A-10106	(None)		4,206.1 ACTT	1,074.5	0.0	1,074.5					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	%
67	Link Assy, Pitch	406-010-413-131	A-10104	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
67	Link Assy, Pitch	406-010-413-131	A-10103	(None)		4,206.1 ACTT	1,074.5	0.0	1,074.5					100%
67	Rod End Assembly, Pitch Control Link	406-310-404-101	NH-11888	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
67	Rod End Assembly, Pitch Control Link	406-310-404-101	NH-11903	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
67	Rod End Assembly, Pitch Control Link	406-310-404-101	NH-11840	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
67	Rod End Assembly, Pitch Control Link	406-310-404-101	NH-12008	5000.0 ACTT	11/6/2013	4,206.1 ACTT	1,074.5	3,213.4	4,287.9			712.1 ACTT	5,992.7 ACTT (~11/29/2021)	14%
67	Servo Act Supp. - Swh Plt Assy	407-001-500-105	HR-522	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
67	Tube Assy, Pitch Control Link	406-010-413-133	A-10088	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
67	Tube Assy, Pitch Control Link	406-010-413-133	A-10082	(None)		4,206.1 ACTT	1,074.5	0.0	1,074.5					100%
67	Tube Assy, Pitch Control Link	406-010-413-133	A-10086	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
67	Tube Assy, Pitch Control Link	406-010-413-133	A-10087	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
64	Blade, T/R	406-016-100-119	A-2719	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					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-2796	(None)		0.0 ACTT	5,280.6	0.0	5,280.6					100%
64	Yoke, T/R	406-012-102-109	HBFS1969	5000.0 ACTT	9/29/2016	4,981.2 ACTT	299.4	0.0	299.4			4,700.6 ACTT	9,981.2 ACTT	94%
64	Gearbox, T/R	406-040-400-119	A-1192	5000.0 ACTT	9/26/2016	4,981.2 ACTT	299.4	4,577.3	4,876.7	0.0	299.4	4,700.6 ACTT	9,981.2 ACTT	94%
65	Hub, T/R	407-012-101-113 FM	A-599	2500.0 ACTT	4/12/2017	5,043.1 ACTT	237.5	2,498.8	2,736.3	0.0	237.5	2,262.5 ACTT	7,543.1 ACTT	90%
Total: 116	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	%

(SN: 53458 | Type: 407) Last Updated: 4/23/2018	Engine #1 (SN: CAE-847506 | Model:)
ACTT: 5,280.6 | Hobbs: 5,280.6 | Last Update: 4/23/2018 Landings: 18,416 | ROL: 0	Starts: 12,011 | Total Time: 5280.6 Flights: 18416

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	100 Hr - M/R Yoke	100.0 ACTT	10/25/2017	5,211.7 ACTT	31.1 ACTT	5,311.7 ACTT (~06/28/2018)
	150 Hour Inspection Table 606	12.0 M	4/20/2018	5,280.6 H	11.8 M	4/20/2019
	150 Hour Inspection Table 606	150.0 H	4/20/2018	5,280.6 H	150.0 H	5,430.6 H (~02/01/2019)
	2000 Hour Inspection Item 1 Fuel Filter Element	2000.0 H	9/2/2014	4,499.4 H	1,218.8 H	6,499.4 H (~06/15/2024)
	2000 Hour Inspection Item 2 Combustion Liner	2000.0 H	4/12/2017	5,043.1 H	1,762.5 H	7,043.1 H (~03/10/2027)
	2000 Hour Inspection Item 3 Outer Combustion Case	2000.0 H	4/12/2017	5,043.1 H	1,762.5 H	7,043.1 H (~03/10/2027)
	2000 Hour Inspection Item 4 Compressor Discharge Tubes	2000.0 H	4/12/2017	5,043.1 H	1,762.5 H	7,043.1 H (~03/10/2027)
	2000 Hour Inspection Item 5 Compressor Spur Adapter Gearshaft, Compressor Rotor Splined Adapter, & associated Impeller	2000.0 H	4/12/2017	5,043.1 H	1,762.5 H	7,043.1 H (~03/10/2027)

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	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	4/12/2017	5,043.1 H	1,762.5 H	7,043.1 H (~03/10/2027)
	2000 Hour Inspection Item 7 Power Drivetrain Gears	2000.0 H	4/12/2017	5,043.1 H	1,762.5 H	7,043.1 H (~03/10/2027)
	300 Hour Inspection Table 606	12.0 M	4/20/2018	5,280.6 H	12.1 M	4/30/2019
	300 Hour Inspection Table 606	300.0 H	4/20/2018	5,280.6 H	300.0 H	5,580.6 H (~11/03/2019)
	600 Hour/12 Month Oil Change	12.0 M	4/20/2018	5,280.6 H	12.1 M	4/30/2019
	600 Hour/12 Month Oil Change	600.0 H	4/20/2018	5,280.6 H	600.0 H	5,880.6 H (~05/07/2021)
	Power Assurance CheckPilot	30.0 D	4/10/2018	5,280.0 H	8 D	5/10/2018
	12 Mth - ELT	12.0 M	9/20/2017	5,172.0 ACTT	5.0 M	9/30/2018
	12 Mth - Portable Fire Extinguisher Weight Check	12.0 M	9/20/2017	5,172.0 ACTT	5.0 M	9/30/2018
	24 Mth - Altimeter	24.0 M	9/20/2017	5,172.0 ACTT	1.4 Y	9/30/2019
	24 Mth - Pitot/Static Check	24.0 M	9/20/2017	5,172.0 ACTT	1.4 Y	9/30/2019
	24 Mth - Transponder	24.0 M	9/20/2017	5,172.0 ACTT	1.4 Y	9/30/2019
	100 Hour AF G3-1 Landing Light Inspection	100.0 ACTT	11/16/2017	5,222.1 ACTT	41.5 ACTT	5,322.1 ACTT (~07/17/2018)

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	100 Hr - Air Comm A/C	100.0 ACTT	11/16/2017	5,222.1 ACTT	41.5 ACTT	5,322.1 ACTT (~07/17/2018)
	100 Hr - AirFilm G-1 Utility Bracket Inspection	100.0 ACTT	11/16/2017	5,222.1 ACTT	41.5 ACTT	5,322.1 ACTT (~07/17/2018)
	100 Hr - FDC Aerofilter	100.0 ACTT	3/29/2018	5,272.1 ACTT	91.5 ACTT	5,372.1 ACTT (~10/17/2018)
	100 Hr - LED Lights Insp	100.0 ACTT	11/16/2017	5,222.1 ACTT	41.5 ACTT	5,322.1 ACTT (~07/17/2018)
	100 Hr - Meeker Mount	100.0 ACTT	2/5/2018	5,237.8 ACTT	57.2 ACTT	5,337.8 ACTT (~08/15/2018)
	100 Hr - Trakkabeam A800 Insp	100.0 ACTT	11/16/2017	5,222.1 ACTT	41.5 ACTT	5,322.1 ACTT (~07/17/2018)
	100 Hr / 12 Mth - Aero Pacific Mount	100.0 ACTT	2/5/2018	5,237.8 ACTT	57.2 ACTT	5,337.8 ACTT (~08/15/2018)
	100 Hr / 12 Mth - Aero Pacific Mount	12.0 M	2/5/2018	5,237.8 ACTT	9.3 M	2/5/2019

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	100 Hr / 12 Mth - HAS Medical Interior Insp	100.0 ACTT	10/25/2017	5,211.7 ACTT	31.1 ACTT	5,311.7 ACTT (~06/28/2018)
	100 Hr / 12 Mth - HAS Medical Interior Insp	12.0 M	10/25/2017	5,211.7 ACTT	5.9 M	10/25/2018
	1000 Hour AF G3-1 Landing Light Inspection	1000.0 AH	7/5/2017	5,123.8 AH	843.2 AH	6,123.8 AH
	1000 Hr - Aero Pacific Mount	1000.0 ACTT	4/17/2017	5,043.1 ACTT	762.5 ACTT	6,043.1 ACTT (~03/01/2022)
	1000 Hr - Meeker Mount	1000.0 ACTT	4/17/2017	5,043.1 ACTT	762.5 ACTT	6,043.1 ACTT (~03/01/2022)
	1000 Hr - Trakkabeam A800 Insp	1000.0 ACTT	7/5/2017	5,123.8 ACTT	843.2 ACTT	6,123.8 ACTT (~07/27/2022)
	12 Mth - AAI Baggage Compartment Edge Protector	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018
	12 Mth - AAI High Visibility Crew Doors	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018
	12 Mth - AAI Rappelling Mount	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018
	12 Mth - Aerodynamix NVG	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018
	12 Mth - Air Comm Cabin Heater	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	12 Mth - FDC Aerofilter	12.0 M	9/20/2017	5,172.0 ACTT	5.0 M	9/30/2018
	12 Mth - G500H Flight Display Sys	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018
	12 Mth / 300 Hr - Battery Reconditioning	12.0 M	9/20/2017	5,172.0 ACTT	5.0 M	9/30/2018
	12 Mth / 300 Hr - Battery Reconditioning	300.0 AH	9/20/2017	5,172.0 AH	191.4 AH	5,472.0 AH
	12 Mth / Annual	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018
	300 Hr - FDC Aerofilter	300.0 ACTT	4/5/2018	5,275.6 ACTT	295.0 ACTT	5,575.6 ACTT (~10/25/2019)
	300 Hr - Vertical Fin Cap Report	300.0 ACTT	7/12/2017	5,130.8 ACTT	150.2 ACTT	5,430.8 ACTT (~02/02/2019)
	300 Hr / 12 Mth - AAI Passenger Sliding Door Kit	12.0 M	9/1/2017	5,169.3 ACTT	5.0 M	9/30/2018
	300 Hr / 12 Mth - AAI Passenger Sliding Door Kit	300.0 ACTT	9/1/2017	5,169.3 ACTT	188.7 ACTT	5,469.3 ACTT (~04/13/2019)
	300 Hr / 12 Mth - Paravion Pedal Extension Kit	12.0 M	6/29/2017	5,111.0 ACTT	58 D	6/29/2018
	300 Hr / 12 Mth - Paravion Pedal Extension Kit	300.0 ACTT	6/29/2017	5,111.0 ACTT	130.4 ACTT	5,411.0 ACTT (~12/27/2018)
	5 Year - G500H Flight Display Sys.	5.0 Y	8/6/2013	0.0 ACTT	3.2 M	8/6/2018

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	50 Hr - LED Lights Insp	50.0 ACTT	3/29/2018	5,272.1 ACTT	41.5 ACTT	5,322.1 ACTT (~07/17/2018)
	500 Hr - Aero Pacific Mount	500.0 ACTT	4/12/2017	5,043.1 ACTT	262.5 ACTT	5,543.1 ACTT (~08/27/2019)
	500 Hr - Trakkabeam A800 Insp	500.0 ACTT	7/5/2017	5,123.8 ACTT	343.2 ACTT	5,623.8 ACTT (~01/22/2020)
	5000 Hr - Trakkabeam A800 Insp	5000.0 ACTT		4,117.6 ACTT	3,837.0 ACTT	9,117.6 ACTT
	150 Hr - T/R Coupling Spline Lube	150.0 ACTT	9/20/2017	5,172.0 ACTT	41.4 ACTT	5,322.0 ACTT (~07/17/2018)
	300 Hr - Hyd. Pump Driveshaft Lube	300.0 ACTT	4/12/2017	5,043.1 ACTT	62.5 ACTT	5,343.1 ACTT (~08/25/2018)
	300 Hr - T/R Driveshaft, Oil Cooler Bearing	300.0 ACTT	8/8/2017	5,154.1 ACTT	173.5 ACTT	5,454.1 ACTT (~03/16/2019)
	300 Hr / 3 Mth - T/R P/C Mechanism Lube	3.0 M	5/2/2018	5,237.8 ACTT	3.1 M	8/2/2018

ATA/MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	300 Hr / 3 Mth - T/R P/C Mechanism Lube	300.0 ACTT	5/2/2018	5,280.6 ACTT	300.0 ACTT	5,580.6 ACTT (~11/03/2019)
	50 Hr / 3 Mth - Lube P/C Links and Swashplate	3.0 M	2/27/2018	5,245.2 ACTT	29 D	5/31/2018
	50 Hr / 3 Mth - Lube P/C Links and Swashplate	50.0 ACTT	2/27/2018	5,245.2 ACTT	14.6 ACTT	5,295.2 ACTT (~05/29/2018)
	300 Hr - Optional Equipment Insp	300.0 ACTT	4/5/2018	5,275.6 ACTT	295.0 ACTT	5,575.6 ACTT (~10/25/2019)
	12 Month Inspection	12.0 M	9/20/2017	5,172.0 ACTT	4.7 M	9/20/2018
	12 Mth - Interim, Mast Pole	12.0 M	9/20/2017	5,172.0 ACTT	5.0 M	9/30/2018
	12 Mth/300 Hr - Periodic Inspection	12.0 M	9/20/2017	5,172.0 ACTT	4.7 M	9/20/2018
	12 Mth/300 Hr - Periodic Inspection	300.0 AH	9/20/2017	5,172.0 AH	191.4 AH	5,472.0 AH
	1200 Hr / 24 Mth	1200.0 ACTT	9/20/2017	5,172.0 ACTT	1,091.4 ACTT	6,372.0 ACTT (~10/26/2023)
	1200 Hr / 24 Mth	24.0 M	9/20/2017	5,172.0 ACTT	1.4 Y	9/30/2019

ATA|MCN	Description	Service Life	Date C/W	Compl ed With	Remains	Due At
	1200 Hr Insp	1200.0 ACTT		4,117.6 ACTT	37.0 ACTT	5,317.6 ACTT (~07/09/20 18)
	150 Hr Insp	150.0 ACTT	9/20/2017	5,172.0 ACTT	41.4 ACTT	5,322.0 ACTT (~07/17/20 18)
	24 Mth Insp	24.0 M	9/20/2017	5,172.0 ACTT	1.4 Y	9/30/2019
	2500 Hr Insp	5000.0 ACTT		1,222.9 ACTT	942.3 ACTT	6,222.9 ACTT (~01/25/20 23)
	3000 Hr - Rotor Brake Caliper (Left) - O/H	3000.0 ACTT		3,189.9 ACTT	909.3 ACTT	6,189.9 ACTT (~11/25/20 22)
	3000 Hr - Rotor Brake Caliper (Right) - O/H	3000.0 ACTT		3,189.9 ACTT	909.3 ACTT	6,189.9 ACTT (~11/25/20 22)
	3000 Hr - Rotor Brake Disc	3000.0 ACTT		3,391.1 ACTT	1,110.5 ACTT	6,391.1 ACTT (~11/30/20 23)
	60 Mth - Interim, Freewheeling Unit	60.0 M	9/29/2016	4,981.2 ACTT	3.4 Y	9/29/2021
	60 Mth - Interim, Mast Assy	60.0 M	4/12/2017	5,043.1 ACTT	3.9 Y	4/12/2022

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	60 Mth - Interim, T/R Gearbox Assy	60.0 M	9/29/2016	4,981.2 ACTT	3.4 Y	9/29/2021
	60 Mth - Transmission Assy	60.0 M	4/12/2017	5,043.1 ACTT	4.4 Y	4/12/2022 - 10/11/2022 (+10.00%)
	600 Hour/12 Month Inspection	12.0 M	4/20/2018	5,280.6 ACTT	12.1 M	4/30/2019
	600 Hour/12 Month Inspection	600.0 ACTT	4/20/2018	5,280.6 ACTT	600.0 ACTT	5,880.6 ACTT (~05/07/2021)
	600 Hr - FRAM / Rotor Brake Insp	600.0 ACTT	4/12/2017	5,043.1 ACTT	362.5 ACTT	5,643.1 ACTT (~02/26/2020)
	600 Hr - Rotor Brake Caliper (Left) Insp	600.0 ACTT	4/17/2017	5,043.1 ACTT	362.5 ACTT	5,643.1 ACTT (~02/26/2020)
	600 Hr - Rotor Brake Caliper (Right) Insp	600.0 ACTT	4/17/2017	5,043.1 ACTT	362.5 ACTT	5,643.1 ACTT (~02/26/2020)
	300 Hr - Airframe Fuel Filter Change	300.0 ACTT	4/5/2018	5,275.6 ACTT	295.0 ACTT	5,575.6 ACTT (~10/25/2019)
	300 Hr / 12 Mth - Oil, Filter Change Hydraulic Sys	12.0 M	7/12/2017	5,130.8 ACTT	3.0 M	7/31/2018

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	300 Hr / 12 Mth - Oil, Filter Change Hydraulic Sys	300.0 ACTT	7/12/2017	5,130.8 ACTT	150.2 ACTT	5,430.8 ACTT (~02/02/2019)
	300 Hr / 12 Mth - Oil, Filter Change Transmission Assy	12.0 M	4/5/2018	5,275.6 ACTT	11.3 M	4/5/2019
	300 Hr / 12 Mth - Oil, Filter Change Transmission Assy	300.0 ACTT	4/5/2018	5,275.6 ACTT	295.0 ACTT	5,575.6 ACTT (~10/25/2019)
	300 Hr / 12 Mth - T/R Gearbox Oil Change	12.0 M	4/5/2018	5,275.6 ACTT	11.3 M	4/5/2019
	300 Hr / 12 Mth - T/R Gearbox Oil Change	300.0 ACTT	4/5/2018	5,275.6 ACTT	295.0 ACTT	5,575.6 ACTT (~10/25/2019)
	After First 25 Hours Overtorque 110-120% Visual Inspection IAW Para. 5-31	(None)	5/12/2017	5,063.1 ACTT		
	Conditional Inspection for After Overtorque Above 120%	(None)	4/12/2017	5,043.1 ACTT		
	#1 & #2 10-25 Hour Tail Rotor Driveshaft Disc Pack Couplings Torque Check	(None)	10/6/2017	5,184.9 ACTT		
	1-5 Hour Main Rotor Hub Lower Cone Torque Check	(None)		0		0
	1-5 Hour Main Rotor Hub Mast Nut Torque Check	(None)	9/20/2017	5,173.4 ACTT		
	1-5 Hour Main Rotor Hub Through Bolt Torque Check	(None)	5/12/2017	5,063.1 ACTT		
	1-5 Hour Tail Rotor Hub Mast Nut Torque Check	(None)	4/13/2017	5,044.1 ACTT		
	1-5 Hour Tailboom Attachment Hardware Torque Check	(None)		0		0

ATA|MCN	Description	Service Life	Date C/W	Complied With	Remains	Due At
	10-25 Hour #4˜ Tail Rotor Driveshaft Disc Pack Couplings Torque Check	(None)	10/25/2016	4,996.5 ACTT		
	10-25 Hour Swashplate Tilt Friction Check	(None)		0		0
	10-25 Hour Tail Rotor Gearbox Torque Check	(None)	10/25/2016	4,996.5 ACTT		
	100+/-10 Hour Engine Mounts Torque Check	(None)	7/31/2017	5,140.1 ACTT		
	100+/-10 Hour Transmission Top Case Torque Check	(None)	7/31/2017	5,140.1 ACTT		
	25+/-5 Hour Expandable Blade Bolt Tension Check	(None)		0		0
Total: 107	Description	Service Life	Date C/W	Complied With	Remains	Due At

(SN: 53458 | Type: 407) Last Updated: 4/23/2018	Engine #1 (SN: CAE-847506 | Model:)
ACTT: 5,280.6 | Hobbs: 5,280.6 | Last Update: 4/23/2018 Landings: 18,416 | ROL: 0	Starts: 12,011 | Total Time: 5280.6 Flights: 18416

ATA|MCN	Service ID	Action UponComp	Method Cf 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			300.0 H
Total: 2	Service ID	Action UponComp	Method Cf Compliance	Service Life	PDF	FAA Link	Remains

Bell 407 Required Equipment List

Date 8-12-13 Aircra S/N 53458

Part Number	Item	Weight	Long Arm	Lat Arm	
Garmin G500H Flight Display System STC SR02295LA:					
011-01264-60	GDU PFD/MFD Display	6.38	38.70	13.00	
011-00868-20	GRS 77H AHRS	3.46	69.00	-19.00	
011-00882-11	GDC 74H ADC	1.92	27.70	2.00	
011-00870-10	GMU 44 Magnetometer	0.50	243.00	3.10	
011-00978-00	GTP 59 OAT Probe	0.10	78.75	0.00	
Indicators:					
59340-3	Almeter	2.30	36.00	8.50	
206-075-725-103	Airspeed Indicator	0.90	38.00	8.50	
407-375-001-105	MGT	0.80	37.40	0.80	
407-375-002-105	Gas Producer Tachometer	0.90	37.10	0.80	
407-375-003-107	Engine Torque	0.90	38.00	0.80	
407-375-004-101	Engine Oil Press & Temp	0.80	39.70	-1.80	
407-375-005-101	Transmission Oil & Temp	0.80	37.60	-1.80	
407-375-006-103	Fuel Quanty	0.80	37.40	0.80	
407-375-007-105	Fuel Pressure & Ammeter	0.90	37.10	-1.80	
407-375-008-101	Dual Tachometer	2.70	37.20	8.50	
407-375-015-109	Master Cauon Panel	2.10	39.10	0.50	
C2300L4-24B	Standby Compass	0.60	33.50	22.90	
M803B-2-0/5V-Ba	Clock/ OAT/ Voltmeter	0.30	36.90	-1.80	
Equipment:					
20[illegible]-062-200-113	Starter Generator	20.70	165.80	6.50	
407-706-004-101	28 amp/hr Baery	61.30	15.80	1.00	
600W	Fire Exnguisher,	1.60	75.00	0.00	
BHT-407-FM-1	Flight Manual	1.70	37.00	24.00	
90-004-4	Map Light	0.60	78.00	0.00	
Exterior Lighng:					
01-0771080-01	An-Collision Light upper	0.65	392.00	7.00	
01-0771080-01	An-Collision Light Lower	0.65	166.00	3.00	
01-0771110-03	Posion/ Strobe A, RH	0.50	306.00	42.00	
01-0771110-04	Posion/ Strobe A, LH	0.50	306.00	-42.00	
01-0771105-03	Posion Light Forward, RH	0.25	63.30	17.00	
01-0771105-04	Posion Light Forward, LH	0.25	63.30	-17.00	
01-0771011-02	Posion Light Tail	0.20	398.60	0.00	
01-0771424-20	Landing Light G3 Mount	2.35	1.50	4.00	
01-0771424-20	Landing Light G3 Mount	2.35	1.50	-4.00	

NOTE: Equipment Listed above was installed when the helicopter was weighed except as indicated by (*) or parally installed by (#)

Bell 407 Required Equipment List

DATE: **13-Aug-01** AIRCRAFT S/N: **53458**

PART NUMBER	ITEM	WEIGHT	LONG ARM	LAT ARM
INDICATORS:				
KEA-130A	ALTIMETER Approved Alternate	see Optional Equipment List		
206-075-725-103	AIRSPEED	0.9	38.0	8.5
407-375-001-105	MGT	0.8	37.4	5.5
407-375-002-103	GAS PRODUCER TACHOMETER	0.9	37.1	5.5
407-375-003-107	ENGINE TORQUE	0.9	38.0	5.5
407-375-004-101	ENGINE OIL PRESS & TEMP	0.8	39.7	0.8
407-375-005-101	TRANSMISSION OIL PRESS & TEMP.	0.8	37.6	-1.8
407-375-006-101	FUEL QUANTITY	0.8	37.4	3.0
407-375-007-105	FUEL PRESSURE & AMMETER	0.9	37.1	3.0
407-375-008-101	DUAL TACHOMETER	2.7	37.2	8.5
407-375-015-109	MASTER CAUTION PANEL	2.1	39.1	0.5
~~H149JJM1~~	GYROSCOPIC HORIZON, Approved Alternate	see Optional Equipment List		
~~7160~~	VERTICAL SPEED IVSI, Approved Alternate	see Optional Equipment List		
C2300L4-24B	STANDBY COMPASS	0.6	33.5	22.9
M803B-2-0/5V-BATT	CLOCK / OAT / VOLTMETER	0.3	36.9	0.8
206-062-200-113	STARTER/GENERATOR	20.7	165.8	6.5
407-706-004-101	BATTERY, 28 amp/hour, Approved Alternate	see Optional Equipment List		
~~01-0770019-21~~	ANTI-COLLISION LIGHT	0.3	392.0	7.0
~~4590~~	LAMP, LANDING LIGHT (2)	0.9	73.0	0.0
~~A490A-TS-GF~~	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
A650-PR-28V	AFT, LH Approved Alternate	see Optional Equipment List		
A650-PG-28V	AFT, RH Approved Alternate	see Optional Equipment List		
A2064-1683	TAIL	0.2	398.6	0.0
~~90-0844~~	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
SAFETY BELTS:				
220-320-823-129	PILOT	2.2	70.0	12.0
220-320-823-130	FWD PASSENGER	2.2	70.0	-12.0
407-370-721-105	MID PASSENGER, LH	1.9	87.0	-15.0
407-370-721-105	MID PASSENGER, RH	1.9	87.0	15.0
407-370-720-101	AFT PASSENGER, LH	1.9	138.0	-17.0
407-370-721-101	AFT PASSENGER, CENTER	1.7	138.0	0.0
407-370-720-101	AFT PASSENGER, RH	1.9	138.0	17.0

Bell 407 Optional Equipment List

DATE: **13-Aug-01** AIRCRAFT S/N: **53458**

PART NUMBER	ITEM	WEIGHT	LONG ARM	LAT ARM	
~~206-706-212-119~~	PARTICLE SEPARATOR	13.2	141.8	1.0	
206-706-502-105	ROTOR BRAKE	9.4	118.9	0.0	
407-705-602-103	INTERIOR - CORPORATE	65.5	95.7	0.3	#
407-705-603-103	SOUNDPROOFING - CORPORATE	14.0	114.0	0.0	
407-705-604-105	HEADLINER with ECS DUCTS	12.0	113.7	0.0	
407-705-701-103A	SEATING - STANDARD	83.4	99.0	0.7	
407-706-004-101	28 amp/hr BATTERY	61.3	15.8	1.0	
407-706-007-101	HIGH SKID GEAR	92.1	115.0	0.0	
407-326-003	ALUMINUM ENTRANCE STEP "Flightstep"	29.0	113.5	0.0	#
407-706-301-103	SLIDING WINDOWS TO 407-899-086-111	0.0	--------	--------	
407-706-702-105	DUAL CONTROLS	13.1	48.0	-13.2	
~~407-899-086-111~~	WINDOW INSTALL, (W/C, Crew, Pass. & Litter) includes:				
~~407-540-009~~	LH CREW w/Slider STC SR01051AT	3.5	64.8	-26.7	
~~407-540-010~~	RH CREW w/Slider STC SR01051AT	3.5	64.8	26.7	
~~407-541-009~~	LH PASS w/Slider STC SR01051AT	5.5	123.0	-28.3	
~~407-541-010~~	RH PASS w/Slider STC SR01051AT	5.5	123.0	28.3	
~~407-546-121~~	LH WINDSHIELD STC SR01051AT	6.5	41.0	-16.0	
407-546-122	RH WINDSHIELD STC SR01051AT	6.5	41.0	16.0	
~~407-559-083~~	LH LITTER DOOR ASSY STC SR01051AT	2.4	92.7	-27.7	
~~407-559-084~~	RH LITTER DOOR ASSY STC SR01051AT	2.4	92.7	27.7	
CUSTOMIZING					
407EC-201-2	AIR CONDITIONING SYSTEM	105.6	127.0	0.0	
407H-200-2	BLEED AIR CABIN HEATING SYSTEM	18.2	80.1	0.0	
407H-500-1	ENGINE BLEED SYSTEM	3.8	153.0	0.0	
407-450-001	CABIN FLOOR PROTECTOR KIT, consisting of:		-	-	
407-451-131, -132	CREW FLOOR PROTECTORS	2.9	44.0	0.0	
407-452-121	PASSENGER FLOOR PROTECTOR	5.4	87.7	0.0	
407-453-101	BAGGAGE FLOOR PROTECTOR	5.3	171.5	0.0	
~~407-511-103~~	CREW DOOR OPENER KIT, Consisting of:				
~~407-511-101/-102~~	CREW DOOR OPENERS LH, RH	2.8	43.6	0.0	
206-510-214	BAGGAGE DOOR OPENER	0.9	155.0	-21.8	
407-531-001	STEP/HANDLE, L/H	1.0	137.9	-18.5	
Included in above Kit	SECOND STEP, R/H	1.0	137.9	18.5	
407-600-201	LH SLIDING PASSENGER DOOR	10.6	124.9	-24.6	
407-600-202	RH SLIDING PASSENGER DOOR	10.6	124.9	24.6	
407-660-002	DOOR AJAR WARNING INDICATOR	Negligible Weight Change			
HAS-NPN	APU DOOR CAUTION LIGHT	Negligible Weight Change			

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

Bell 407 Optional Equipment List

DATE: **13-Aug-01** AIRCRAFT S/N: **53458**

PART NUMBER	ITEM	WEIGHT	LONG ARM	LAT ARM	
407-995-003	EXTERNAL RESCUE HOIST KIT, Consisting of:				
407-993-250	SHIP PROVISIONS	16.4	114.7	-19.2	
407-984-350	ELECTRICAL PROVISIONS	3.5	82.5	-9.0	
407-994-300	HOIST SUPPORT ASSEMBLY	6.5	114.7	-23.8	
BL-16600-170	HOIST ASSEMBLY	25.0	114.7	-23.8	
407-595-001	LOWER FUSELAGE HOIST CABLE GUARD	3.5	128.7	-26.5	
407-302-001	UTILITY STEP KIT	3.5	114.1	-37.0	
407-150-001	RAPPELLING FIXTURE, LH, RH	7.0	124.5	0.0	
750097-15	CLOSED CIRCUIT REFUELING RECEIVER	Part of Aircraft Basic Weight			
HAS-NPN	INSTRUMENT PANEL	Part of Aircraft Basic Weight			
AVIONICS and ELECTRICAL SYSTEMS					
INTERCOM SYSTEM, Consisting of:					
~~AA95-882~~	AUDIO CONTROL PANEL, PILOT	2.1	36.5	11.0	
~~AA95-882~~	AUDIO CONTROL PANEL, COPILOT	2.1	36.5	-11.0	
~~AA95-888~~	AUDIO CONTROL PANEL, AFT CABIN	2.1	147.0	0.0	
~~AA38-023~~	EXPANSION PANEL	0.9	41.0	1.0	
~~RS24-020~~	UNIVERSAL TRANSFER SWITCH	0.6	158.0	-16.5	
~~GNS 530~~	VHF NAV / COM / GPS	7.1	35.0	0.8	
GA 56	GPS ANTENNA	0.3	208.0	-1.8	
DM C70-1/A	VHF COM ANTENNA	0.8	68.0	0.0	
GNS 430	VHF NAV / COM / GPS	5.3	39.0	1.0	
~~GA 56~~	GPS ANTENNA	0.3	208.0	1.8	
DM C70-1/A	VHF COM ANTENNA	0.8	65.5	-10.5	
NAV ANTENNA SYSTEM, consisting of:					
CI 120 G/S	VOR / GLIDE SLOPE ANTENNA SET	2.5	200.0	0.0	
CI 1125	DUAL VOR - G/S DIPLEXER	0.3	35.0	4.5	
~~KA 88~~	AVIONICS COOLING FAN	1.3	26.5	2.0	
~~KRA 10A~~	RADAR ALTIMETER	1.8	68.5	18.0	
~~KI 250~~	INDICATOR	0.9	38.0	16.4	
~~KA 121~~	ANTENNA	1.1	65.0	6.0	
~~KEA 130A~~	ENCODING ALTIMETER w/LIGHTING TRAY	2.3	36.0	16.4	
GTX 327	TRANSPONDER	2.3	40.0	1.0	
KA 60	ANTENNA	0.2	125.5	10.0	
~~KN 63~~	REMOTE MOUNT DME	2.8	161.0	1.0	
~~KDI 572~~	DME INDICATOR	0.7	37.0	7.3	
KA 60	DME ANTENNA	0.2	125.5	-10.0	
~~KG 102A~~	DIRECTIONAL GYRO	4.8	68.5	-16.0	
~~KMT 112~~	FLUX VALVE	0.3	221.5	0.0	
~~SN3308-00-BC~~	NAVIGATION DISPLAY	2.9	34.5	12.5	

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Bell 407 Optional Equipment List

DATE: **13-Aug-01** AIRCRAFT S/N: **53458**

PART NUMBER	ITEM	WEIGHT	LONG ARM	LAT ARM	
RS12-350	AUDIO TRANSFER SWITCH	0.4	70.0	9.5	
~~H140JJM1~~	GYROSCOPIC HORIZON	4.3	35.0	12.5	
~~7160~~	VERTICAL SPEED IVSI	1.4	36.8	16.4	
5550-8340N5L	TURN & SLIP INDICATOR	1.4	37.0	16.4	
~~ULTICHART LE-3000CR GEOGRAPHIC NAME &~~ ADDRESS TARGETING & MAPPING SYSTEM, Consisting of:					
~~NPN~~	CPU MODULE "PROCESSOR"	9.8	194.0	0.0	
~~108-000~~	KEYBOARD	2.5	38.5	-9.5	
~~110-317~~	DIFFERENTIAL ANTENNA	0.2	76.0	0.0	
~~CI 405-7~~	ANTENNA	0.3	80.6	0.0	
~~AVM 4098~~	8.4" VIDEO DISPLAY UNIT	3.0	38.5	-10.0	
~~SPECTROLAB SX-16 SEARCHLIGHT SYSTEM, Consisting of:~~					
~~021673-3~~	NOSE MOUNT	Part of Aircraft Basic Weight			
~~SX-16 ASSEMBLY~~	SX-16 SEARCHLIGHT & GIMBAL ASSY	36.5	13.4	1.0	
~~926795~~	JUNCTION BOX & CABLES	8.6	19.0	-16.0	
~~S-301-U7(2O)~~	DUAL SLASS SLAVED SEARCHLIGHT SYS	2.2	19.0	-16.0	
~~U7104B~~	HAND CONTROL UNIT	1.0	42.0	-19.0	
~~E-01~~	EMERGENCY LOCATOR TRANSMITTER	3.3	170.0	17.0	
~~DM Q48-1/A~~	ELT ANTENNA	0.4	220.0	0.0	
~~WX-500 STORMSCOPE WEATHER~~ MAPPING SENSOR, Consisting ~~of:~~					
~~805-11600-001~~	PROCESSOR	1.7	193.0	3.0	
~~805-10930-001~~	ANTENNA	0.8	247.5	0.0	
SKYWATCH SKY497 TRAFFIC ADVISORY SYSTEM, Consisting of:					
805-10800-001	PROCESSOR	8.9	193.0	6.5	
805-10890-001	DIRECTIONAL ANTENNA	2.3	86.6	0.0	
~~407IR-100-6~~	~~ULTRA 7000 (MK-III) THERMAL IMAGING SYSTEM, Consisting of:~~				
~~U7000~~	DUAL SENSOR GIMBAL SYSTEM	33.0	45.1	1.0	
~~407IR-102-2~~	MOUNT ASSEMBLY	1.8	45.1	1.0	
~~U7000~~	ELECTRONICS CONTROL UNIT	11.0	112.0	0.0	
~~U7000~~	HAND CONTROL UNIT	2.0	36.0	-18.0	
~~CDS-728R~~	VHS VCR	5.8	198.0	0.0	
~~CDS-788DZA~~	REMOTE CONTROL	Negligible Weight Change			
~~AUDIOVOX CDM-9000 TRI-MODE, WEB BROWSING DIGITAL CDMA TELEPHONE, Consisting of:~~					
~~CDM-9000~~	TELEPHONE	0.2	73.0	15.0	
~~HF-4000T~~	TELEPHONE HANDSET/CRADLE	0.5	73.0	0.5	
~~CI 306~~	TELEPHONE ANTENNA	0.2	57.0	-7.2	
~~AA94-300~~	AUDIO INTERFACE	0.6	64.0	-7.0	
~~RG40~~	DC TO DC CONVERTER	3.5	198.0	-5.0	

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Bell 407 Optional Equipment List

DATE: **13-Aug-01** AIRCRAFT S/N: **53458**

PART NUMBER	ITEM	WEIGHT	LONG ARM	LAT ARM
EXTERNAL PA SYSTEM, consisting of:				
AA22-160	LOUDHAILER CONTROL	1.1	51.0	1.0
PA220-010	POWER AMPLIFIER	7.8	207.0	0.0
TS200 WR	WEIGHT REDUCED SPEAKER	6.0	146.0	0.0
~~ALASKA-RBM168~~	CD PLAYER	3.0	49.5	1.0
~~12-1825~~	AM / FM STRIP ANTENNA	Negligible Weight Change		
TACTICAL COMMUNICATIONS SYSTEM, consisting of:				
TH350-2FJF	CONTROL HEAD	2.9	40.0	1.0
RT 30	VHF LOW BAND FM TRANSCEIVER	7.7	160.0	-2.0
FLX 3050B	ANTENNA	2.5	223.3	0.0
NTX138-000	VHF HI BAND FM TRANSCEIVER	4.0	161.3	-7.0
DM C63-3/A	VHF FM ANTENNA	0.4	229.5	0.0
RT 406F	UHF HI BAND FM TRANSCEIVER	7.5	161.0	-11.0
CI 275	ANTENNA	0.5	196.0	0.0
T99DX+133W	FM TRANSCEIVER	6.0	23.0	-15.0
W-9	CONTROL HEAD	0.7	38.0	10.0
CI 306	ANTENNA	0.2	57.0	-7.5
AA34-300	INTERFACE ADAPTER	0.6	69.8	-8.0
T99DX+133W	FM TRANSCEIVER	6.0	23.0	-15.0
W-9	CONTROL HEAD	0.7	38.0	-9.5
CI 306	ANTENNA	0.2	29.0	-2.5
AA34-300	INTERFACE ADAPTER	0.6	69.8	-8.0
W-9	CONTROL HEAD	0.7	145.0	0.0
~~MICROWAVE EQUIPMENT, Consisting of:~~				
~~RF-229GL~~	TRANSMITTER w/POWER SUPPLY UNIT	9.5	159.0	9.0
~~RF-DC/PSU~~	CONVERTER / POWER SUPPLY UNIT	included in above weight		
~~RF-MP04~~	OMNI DIRECTIONAL ANTENNA	1.5	102.0	0.0
SUPPLEMENTAL STROBE (POSITION) LIGHTING SYSTEM, consisting of:				
A413A,HDA,CF-14/28	STROBE POWER SUPPLY	2.1	185.8	11.4
~~A658-PR-28V~~	WING TIP STROBE	0.4	306.0	-42.0
~~A658-PS-28V~~	WING TIP STROBE	0.4	306.0	42.0
70339-04	BAGGAGE COMPARTMENT LIGHT	0.2	173.0	-2.5
01-0770190-W12	GOOSE-NECK MAPLIGHT	0.5	37.5	-16.0
34-0750692-00	RESCUE ASSIST LIGHTS QTY (2)	4.2	155.0	0.0
40700001-1	TAIL ROTOR FLOODLIGHT KIT	0.6	308.6	0.0
1220 / 2410-2	PULSELITE SYSTEM	1.1	19.5	-7.7
2510-05-A-00	EMS LIGHING QTY (4)	0.4	212.0	0.0
STREAMLINE "STINGER" FLASHLIGHT SYSTEM, Consisting of:				
75001	FLASHLIGHT	0.6	82.0	6.0
NPN	CHARGER / MOUNT ASSEMBLY	0.3	82.0	6.0

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

Bell 407 Optional Equipment List

DATE: **13-Aug-01** AIRCRAFT S/N: **53458**

PART NUMBER	ITEM	WEIGHT	LONG ARM	LAT ARM	
MEDICAL "EMS" EQUIPMENT-SYSTEMS, Consisting of:					
HAS-357-00025	MEDICAL WALL	Part of Aircraft Basic Weight			
OXYGEN SYSTEM, Consisting of:					
HAS-357-00006	OXYGEN TANK RACK ASSEMBLY	35.0	158.0	3.0	
HAS-NPN	OXYGEN MANIFOLD ASSEMBLY	Included in the Oxygen Rack Weight			
DOT-3AL2015	"E" SIZE O2 TANKS (3)	27.0	158.0	0.0	
F89-23001	QUICK DEPLOY LITTER KIT, Consisting of:				
F89-23001-03	FWD LITTER ASSEMBLY	11.0	61.0	-13.0	
F89-23001-01	AFT LITTER ASSEMBLY (Stowed Position)	17.0	80.0	-13.0	
E-28K	ELECTRIC VACUUM PUMP	4.5	158.0	3.0	
6700-0416-800	COLLECTION BOTTLE ASSEMBLY	1.1	83.2	0.0	
AUTO VENT 3000	CONTROL	1.2	94.0	0.0	
HAS-357-00026	LIFEPAK - 12 MOUNT ASSEMBLY	11.0	79.0	-13.5	
SS50	INVERTER	4.3	198.0	-5.0	
106002-4	115 VOLT OUTLETS QTY (2)	0.1	145.0	14.0	
A2010	IV HOOKS (6)	Negligible Weight Change			

LOOSE EQUIPMENT					
407SD-100-1 / -2	SNOW DEFLECTORS, LH, RH	4.2	125.5	0.0	*

NOTE: Equipment listed above was installed when the 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

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

A/C MAKE	Bell	MODEL	407	SERIAL NO.	53458			N165SP
GROSS WEIGHT	5250.00	OLD EMPTY WT	3706.80	OLD LAT MOMENT	691.22	DATE	05-Dec-14	
OLD LONG MOMENT	483019.93	OLD LONG C.G.	130.31	OLD LAT C.G.	0.19	USEFUL LOAD	1543.20	

INSTALLED:

MANUFACTURER / MODEL	DESCRIPTION	PART NUMBER	SERIAL No.	WEIGHT	LONG ARM	LONG MOMENT	LAT ARM	LAT MOMENT
Trakka A800 Searchlight	PIU Contol Box	011013-0200009	011013-TC130007	10.80	196.00	2,116.80	0.00	0.00
Trakka A800 Searchlight	Searchlight & Gimbal	031001-1	031001-TC130006	47.00	198.22	9,316.34	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		57.80		11,433.14		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
				0.00	0.00	0.00	0.00	0.00
		SUBTOTAL REMOVED		0.00		0.00		0.00
		NET TOTALS		57.80		11,433.14		0.00

GROSS WEIGHT	5,250.00	NEW EMPTY WT	3,764.60	NEW USABLE	1,485.40	NEW LAT C.G.	0.18	
NEW LONG MOMENT	494,453.07	NEW LONG C.G.	131.34	NEW LAT MOMENT	691.22	DATE COMPUTED:	05-Dec-14	W.O. #

AIRFRAME

Company				
Manufacturer	BELL HELICOPTER TEXTRON			
Model	407			
Serial #	53458	Tach Time	5,172.0 (Events 17,818)	
A/C Cert. Date	06-23-00	Total Time	5,172.0 (Events 17,818)	Tail Number N165SP

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
*97-24-17 04/16/98	DISC PACK COUPLINGS/	11/28/00	complied with at Manufacturer		X	N/A	James Lewis SMTR208I Class 3
98-12-22 07/15/98	TR DRIVE SYSTEM BEARING SUPPORTS/	11/28/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
98-19-13 01/05/99	DRIVESHAFT FAILURE/	11/28/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
98-20-41 09/25/98	SUPERSEDED BY AD 99-06-15/			X		N/A	
99-06-15 03/09/99	SUPERSEDED BY AD 2000-14-16/			X			
99-22-13 12/02/99	VERTICAL FIN REDUCED SKIN THICKNESS/	11/28/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
99-23-18 11/30/99	FATIGUE FAILURE OF CERTAIN PARTS/	11/28/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
*00-02-12 01/21/00	SUPERSEDED BY AD 2002-06-52/				X	N/A	
00-04-20 04/05/00	FLIGHT CONTROL HYDRAULIC PRESSURE LOSS/	11/28/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
00-04-25 04/12/00	DOOR LATCH ASSEMBLY/	11/28/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
*00-06-10 04/14/00	SUPERSEDED BY AD 2003-05-03/				X	N/A	
00-14-16 08/29/00	RFM - TAIL ROTOR BLADES/	11/28/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
*00-20-18 11/22/00	SUPERSEDED BY AD 2002-22-10/				X	N/A	
01-01-52 02/21/01	SUPERSEDED BY AD 2001-01-52 R1/			X			
01-01-52 R1 07/25/01	RESCINDS AD 2001-01-52/			X		N/A	

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01-13-02 08/01/01	COCKPIT WARNING HORNS/	08/13/01	P/C/W by H.A.S.	X		N/A	James Lewis SMTR208I Class 3	
01-13-51 10/09/01	ENGINE-TO-TRANSMISSION DRIVESHAFT ASSEMBLY/	08/13/01	P/C/W by H.A.S.	X		N/A	James Lewis SMTR208I Class 3	
*02-06-52 05/02/02	SUPERSEDED BY AD 2004-10-07/	06/20/02	P/C/W ASB407-01-47 Superseded by ASB407-04-63		X	N/A	SMTR208I Airframe Class 3	
*02-11-09 07/16/02	TAIL ROTOR DRIVE FORWARD BEARING HANGER BRACKET/	06/20/02	N/A by P/N Blades installed P/N 369D21121-501		X	N/A	James Lewis SMTR208I Class 3	
02-17-03 09/20/02	FUEL FILLER CAP ELECTRICAL BONDING/	08/13/01	P/C/W	X		N/A	James Lewis SMTR208I Class 3	
*02-22-10 11/21/02	HORIZONTAL STABILIZER SLAT/	05/20/02	P/C/W		X	N/A	James Lewis SMTR208I Class 3	
02-23-51 11/13/02	SUPERSEDED BY AD 2003-05-11/			X		N/A		
03-02-06 02/10/03	TAIL ROTOR GEARBOX SUPPORT CASTING/	05/20/02	N/A by S/N of Module 4 .	X		N/A	James Lewis SMTR208I Class 3	
*03-05-03 04/17/03	TAILBOOM/	06/20/02	ASB407-01-48 Rev. B is AMOC to AD		X	N/A	James Lewis SMTR208I Class 3	
03-05-11 04/02/03	SWASHPLATE DRIVE LINK CUP WASHER/	11/13/02	P/C/W BY VISUAL INSPECTION	X		N/A	James Lewis SMTR208I Class 3	
*04-10-07 06/04/04	RFM, OIL COOLER BLOWER DRIVE SHAFT BEARING/	06/25/04	P/C/W ASB407-04-63 Rev B C/W 12-7-06 actt. 996.8. AMOC to AD. No further action requ red		X	N/A	James Lewis SMTR208I Class 3	
05-03-07 03/17/05	LANDING GEAR CROSSTUBE ASSEMBLY/		P/C/W AS PER ASB407-03-59	X		N/A	James Lewis SMTR208I Class 3	
07-19-52 12/05/07	SUPERSEDED BY AD 2009-08-03/			X		N/A		
*08-14-06 08/14/08	HORIZONTAL STABILIZER UPPER AND LOWER SKINS/	8-5-09	P/C/W AS PER ASB407-06-72 N/A BY STAB P/N		X	N/A	James Lewis SMTR208I Class 3	
09-07-51 03/17/09	SUPERSEDED BY AD 2009-07-52/			X		N/A		
09-07-52 05/01/09	CYCLIC CONTROL LEVER ASSEMBLY BEARING/	3-19-09	P/C/W AS PER ASB407-09-85	X		N/A	James Lewis SMTR208I Class 3	
09-08-03 04/24/09	TAIL ROTOR BLADE TIP WEIGHT SCREWS/		P/C/W AS PER ASB407-07-81 N/A by componant P/N	X		N/A	James Lewis SMTR208I Class 3	
09-22-11 11/16/09	SWASHPLATE ANTI-DRIVE LINK ASSEMBLY AND BEARING/	11-25-09	P/C/W AS PER ASB407-09-87 N/A by componant P/N	X		N/A	James Lewis SMTR208I Class 3	
09-25-08 12/28/09	HYDRAULIC PUMP DRIVESHAFT ASSEMBLY/	1-14-09	C/W - N/A BY PART NUMBER TB407-01-30 C/W	X		N/A	James Lewis SMTR208I Class 3	
10-26-51 03/25/11	TAIL ROTOR BLADE TIP WEIGHT SCREWS/	11-30-2010	P/C/W Per ASB407-07-81	X		N/A	James Lewis SMTR208I Class 3	
11-15-51 07/08/11	HYDRAULIC SERVO NUT, SHAFT AND CLEVIS ASSEMBLY/	7-8-11 3610.0	C/W	X		N/A	James Lewis SMTR208I Class 3	

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12-14-07 08/03/12	HYDRAULIC SERVO NUT, SHAFT AND CLEVIS ASSEMBLY/	8-01-12	ASB 407 11 96 rev B P/C/W that meets the requirement of the intent of this AD. No further action	X		N/A	James Lewis SMTR208I Class 3	
***12-18-09** 10/22/12	TAILBOOM ATTACHMENT HARDWARE/	9-19-17 5172.0	Part 3 Recurring Torque check every 300 hours.		X	5472.0	James Lewis SMTR208I Class 3	
***13-12-07** 08/01/13	TAILBOOM SKIN HIGH-STRESS-CONCENTRATION AREAS/	5-24-17 5093.3	P/C/W Recurring inspection every 300 hours		X	actt. 5393.3	James Lewis SMTR208I Class 3	
13-18-06 10/17/13	FLIGHT CONTROL LEVERS AND BELLCRANKS STAKED BEARINGS/	4-21-09	ASB 407-09-88 Complied with at ACTT: 2967.6 4-21-09 which meets the requirment of this AD	X		N/A	James Lewis SMTR208I Class 3	
13-20-05 12/05/13	RFM - PLACARD, STEADY-STATE ENGINE SPEED OPERATION/	12-6-13 4232.1	P/C/W on 12-6-13 actt. 4232.1	X		N/A	James Lewis SMTR208I Class 3	
13-22-01 12/05/13	FREEWHEEL UNIT AFT BEARING CAP/	12-6-13 4232.1	P/C/W N/A by S/N A-800 cap installed	X		N/A	James Lewis SMTR208I Class 3	
13-22-21 12/13/13	EMERGENCY FLOAT INFLATION HOSES AND PORT FITTINGS/	12-6-13 4232.1	P/C/W N/A float kit not installed	X		N/A	James Lewis SMTR208I Class 3	
***14-04-07** 07/28/14	TAILBOOM STRUCTURAL INTEGRITY/	9-2-14 4499.4	P/C/W N/A by Tailboom P/N 407-030-801-205D installed		X	N/A	James Lewis SMTR208I Class 3	
***15-05-04** 04/20/15	AFT FUSELAGE UPPER LEFT HAND LONGERON/	7-5-17 5123.8	P/C/W Recurring 150 hour inspection		X	actt. 5273.8	James Lewis SMTR208I Class 3	
15-17-02 09/24/15	ENGINE-TO-TRANSMISSION DRIVESHAFT ASSEMBLY/	8-25-15 4717.1	P/C/W N/A by P/N 407-340-310-101 driveshaft installed	X		N/A	James Lewis SMTR208I Class 3	

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ENGINE –

Company Manufacturer	ALLISON GAS TURBINE DIVISION (GMC)		
Model	250-C47B		
Location		TSMOH	
Serial #	CAE-847506	Total Time	5,172.0 (cycles 11,822)

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
82-24-05 11/26/82	BUSHING ASSEMBLIES/	10/30/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
96-21-12 10/11/96	SUPERSEDED BY AD 96-24-09/			X		N/A	
96-24-09 11/25/96	SUPERSEDED BY AD 97-21-09/			X		N/A	
97-21-09 12/03/97	SUPERSEDED BY AD 98-10-03/			X		N/A	
98-10-03 05/26/98	ELECTRICAL HARNESS ASSEMBLY/	10/30/00	complied with at Manufacturer	X		N/A	James Lewis SMTR208I Class 3
*03-13-10 07/15/03	HYDROMECHANICAL UNIT PLA POTENTIOMETER/	08/04/03	P/C/W		X	N/A	James Lewis SMTR208I Class 3
*04-24-04 01/03/05	HYDROMECHANICAL UNIT WITH DUAL-ELEMENT POTENTIOMETER/	1-17-05	P/C/W		X	N/A	James Lewis SMTR208I Class 3
04-24-09 01/05/05	SUPERSEDED BY AD 2006-16-04/			X		N/A	
06-16-04 09/07/06	FUEL NOZZLE SCREEN/	10-27-06	P/C/W N/A BY NOZZLE P/N	X		N/A	James Lewis SMTR208 Class 3
06-20-07 11/02/06	THIRD AND FOURTH STAGE TURBINE WHEELS/	11-8-06	P/C/W	X		N/A	James Lewis SMTR208 Class 3

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APPLIANCES

Company
Tail # N165SP

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
98-14-03 08/16/98	KT 76A TRANSPONDERS/	08/13/01	N/A Part Not Installed	X		N/A	James Lewis SMTR208I Class 3
98-25-02 12/22/98	SKYWATCH SKY497/	08/13/01	N/A by Software Installed	X		N/A	James Lewis SMTR208I Class 3
98-25-10 R1 01/14/00	SEAT RESTRAINT SYSTEM/	08/13/01	N/A by Seat Restraint Not Installed	X		N/A	James Lewis SMTR208I Class 3
01-23-17 12/28/01	INACCURATE COURSE DEVIATION DISPLAYS/	03/10/04	N/A by S/N of Module 4 .	X		N/A	James Lewis SMTR208I Class 3
02-20-05 11/07/02	MOUNTING BRACKET/	03-06-03	P/C/W	X		N/A	James Lewis SMTR208I Class 3
05-01-19 02/23/05	SOFTWARE UPGRADE/	9-11-15 4718.6	N/A by software installed Complied with at manufacturer	X		N/A	James Lewis SMTR208I Class 3
11-25-01 01/17/12	LIFERAFT OPERATION PLACARD/	6-12-12	N/A Life Rafts not installed	X		N/A	James Lewis SMTR208I Class 3

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(SN: 53458 | Type: 407) Last Updated: 4/23/2018	Engine #1 (SN: CAE-847506 | Model:)
ACTT: 5,280.6 | Hobbs: 5,280.6 | Last Update: 4/23/2018 Landings: 18,416 | ROL: 0	Starts: 12,011 | Total Time: 5280.6 Flights: 18416

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			291.5 ACTT
	2013-12-07	Recurring	Visual Inspection	300.0 AH			291.5 AH
	2015-05-04	150 Hour Recurring	Visual Inspection IAW ASB 407-11-95 Part II Rev. C	150.0 ACTT			141.5 ACTT
	2015-17-02		Not Applicable due to P/N 407 340-310-101 Driveshaft Installed. No Further Action Required.	(None)			
	407-05-66	One Time	Installation of mast lock retainer	(None)			
	407-08-84			8600.0 ACTT			8,591.5 ACTT
	407-08-84		Ref ASB 407-08-84 Pt. II	300.0 ACTT			112.7 ACTT
	407-08-84			6900.0 ACTT			4,130.0 ACTT
	407-11-94		ASB 407-11-94 Superseded by BHT-MM-1 Chapter 5 Rev. 34 dated 16 Feb 2011 Table 5-22 Page 44A.	(None)			
	407-11-95		IAW ASB 407-11-95 Pt. II	150.0 ACTT			141.5 ACTT
	407-12-98		Accomplish at next main gearbox o/h	4500.0 ACTT			1,089.5 ACTT
	407-14-102	One Time	Upgrade to V5.400	(None)			
	407-15-108	One Time	Visual Inspection	(None)			
	407-16-112	One Time	Visual Inspection of Connectors	(None)			
	407-16-113	One Time	Disassembly and Visual Inspection	(None)			
	407-17-115	One Time	Not Applicable	(None)			
	407-98-21			300.0 ACTT			300.0 ACTT
	SB 407-300-1		Inspection/Torque Check	150.0 ACTT			41.4 ACTT
	407-14-111	One Time	Upgrade	(None)			

ATA|MCN	Service ID	Action UponComp	Method Of Compliance	Service Life	PDF	FAA Link	Remains
Total: 19	Service ID	Action UponComp	Method Of Compliance	Service Life	PDF	FAA Link	Remains