

Airframe Component Listing

A/C Registration:- N520EA
Aircraft S/n:- LN-062
Airframe Hours:- 3633.4
Engine Hours:- 3906.6
Engine Cycles:- 4868
Date:- Tuesday, May 9, 2023

M/R Blade T.E's:- 738
M/R D/shaft R.I.N's:- N/A by P/n

Work Order:-
ST 3537

AIRFRAME

Inspection:- POST Skin Deformation

Signature: _____

Licence: _____

Part No.	Serial No.	Description	Position	Reqmnt	Periodicity		Installation At			Due		Calculated by Airframe Hours			Validity	
					Hours	Days	Airframe Hours	Component Hours	Date	Airframe Hours	Date	Hours	Remaining %	Days	Hours	Days
MAIN ROTOR																
500P2300-505	S557	M/R BLADE	YELLOW	Scrap	3430		3446.6	211.2	20 Feb 2021	6665.4		3032.0	88.4%			
500P2300-505	S558	M/R BLADE	BLUE	Scrap	3430		3446.6	211.2	20 Feb 2021	6665.4		3032.0	88.4%			
500P2300-505	S559	M/R BLADE	RED	Scrap	3430		3446.6	211.2	20 Feb 2021	6665.4		3032.0	88.4%			
500P2300-505	S560	M/R BLADE	WHITE	Scrap	3430		3446.6	211.2	20 Feb 2021	6665.4		3032.0	88.4%			
500P2300-505	S561	M/R BLADE	GREEN	Scrap	3430		3446.6	211.2	20 Feb 2021	6665.4		3032.0	88.4%			
369A1004-5	009884-7841	M/R BLADE RETENTION PIN	LEAD	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369A1004-5	009884-7892	M/R BLADE RETENTION PIN	LAG	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369A1004-5	009884-7937	M/R BLADE RETENTION PIN	LEAD	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369A1004-5	009884-7960	M/R BLADE RETENTION PIN	LAG	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369A1004-5	009884-8066	M/R BLADE RETENTION PIN	LEAD	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369A1004-5	009884-8098	M/R BLADE RETENTION PIN	LAG	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369A1004-5	009884-8130	M/R BLADE RETENTION PIN	LEAD	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369A1004-5	009884-8141	M/R BLADE RETENTION PIN	LAG	Scrap	7600		3269.8	3269.8	27 Jun 2017	7600.0		3966.6	52.2%			
369X1004-5	A3593	M/R BLADE RETENTION PIN	LEAD	Scrap	7600		3276.7	0.0	08 Mar 2018	10876.7		7243.3	95.3%			
369X1004-5	A3596	M/R BLADE RETENTION PIN	LAG	Scrap	7600		3276.7	0.0	08 Jun 2018	10876.7		7243.3	95.3%			
369D21200-503	916	M/R HUB		O/H	2770		3617.2	9185.4 TTSN	09 Sep 2022	6387.2		2753.8	99.4%			
369D21254	Unk	M/R BEARING, UPPER CONE		Re-Grease		730	3617.2	0.0 TSO	09 Sep 2022		30 Sep 2024		69.9%		510	
369D21255	Unk	M/R BEARING, UPPER CUP		O/C	O/C		3617.2	0.0	09 Sep 2022	O/C		O/C				
369D21256	Unk	M/R BEARING, LOWER CONE		O/C	O/C		3617.2	0.0	09 Sep 2022	O/C		O/C				
369D21257	Unk	M/R BEARING, LOWER CUP		O/C	O/C		3617.2	0.0	09 Sep 2022	O/C		O/C				
369D21201	5146-0463	M/R HUB SUB ASSY		Scrap	8900		3617.2	88.6	09 Sep 2022	12428.6		8795.2	98.8%			
369D21300-501	5146-0476	M/R HUB PITCH HOUSING	BLUE	Scrap	9100		3617.2	88.6	09 Sep 2022	12628.6		8995.2	98.8%			
369D21300-501	008158-3966	M/R HUB PITCH HOUSING	RED	Scrap	9100		3617.2	2852.2	09 Sep 2022	9865.0		6231.6	68.5%			
369D21300-501	008158-3968	M/R HUB PITCH HOUSING	WHITE	Scrap	9100		3617.2	2852.2	09 Sep 2022	9865.0		6231.6	68.5%			
369D21300-501	008158-3969	M/R HUB PITCH HOUSING	YELLOW	Scrap	9100		3617.2	2852.2	09 Sep 2022	9865.0		6231.6	68.5%			
369D21300-501	008158-3970	M/R HUB PITCH HOUSING	GREEN	Scrap	9100		3617.2	2852.2	09 Sep 2022	9865.0		6231.6	68.5%			
369D21210-501	5145-CT38	M/R RETENTION STRAP ASSEMBLY	RED	Scrap	2770		3617.2	0.0	09 Sep 2022	6387.2		2753.8	99.4%			
369D21210-501	5145-CT39	M/R RETENTION STRAP ASSEMBLY	WHITE	Scrap	2770		3617.2	0.0	09 Sep 2022	6387.2		2753.8	99.4%			
369D21210-501	5145-CT40	M/R RETENTION STRAP ASSEMBLY	BLUE	Scrap	2770		3617.2	0.0	09 Sep 2022	6387.2		2753.8	99.4%			
369D21210-501	5145-CT41	M/R RETENTION STRAP ASSEMBLY	YELLOW	Scrap	2770		3617.2	0.0	09 Sep 2022	6387.2		2753.8	99.4%			
MAIN ROTOR																
369D21210-501	5145-CT42	M/R RETENTION STRAP ASSEMBLY	GREEN	Scrap	2770		3617.2	0.0	09 Sep 2022	6387.2		2753.8	99.4%			
369D21220-1	5238-1031	M/R LEAD-LAG BOLT	RED	Scrap	6120		3617.2	0.0	09 Sep 2022	9737.2		6103.8	99.7%			
369D21220-1	5238-1047	M/R LEAD-LAG BOLT	WHITE	Scrap	6120		3617.2	0.0	09 Sep 2022	9737.2		6103.8	99.7%			
369D21220-1	5238-1054	M/R LEAD-LAG BOLT	BLUE	Scrap	6120		3617.2	0.0	09 Sep 2022	9737.2		6103.8	99.7%			
369D21220-1	5238-1055	M/R LEAD-LAG BOLT	YELLOW	Scrap	6120		3617.2	0.0	09 Sep 2022	9737.2		6103.8	99.7%			

Airframe Component Listing

369D21220-1	5238-1059	M/R LEAD-LAG BOLT	GREEN	Scrap	6120		3617.2	0.0	09 Sep 2022	9737.2	6103.8	99.7%		
369H1203-51	5146-1325	M/R LEAD-LAG LINK ASSY	UPPER	Scrap	11080		3617.2	88.6	09 Sep 2022	14608.6	10975.2	99.1%		
369H1203-51	5146-1330	M/R LEAD-LAG LINK ASSY	LOWER	Scrap	11080		3617.2	88.6	09 Sep 2022	14608.6	10975.2	99.1%		
369H1203-51	5146-1331	M/R LEAD-LAG LINK ASSY	LOWER	Scrap	11080		3617.2	88.6	09 Sep 2022	14608.6	10975.2	99.1%		
369H1203-51	5432-G166	M/R LEAD-LAG LINK ASSY	UPPER	Scrap	11080		3617.2	2852.2	09 Sep 2022	11845.0	8211.6	74.1%		
369H1203-51	5432-G170	M/R LEAD-LAG LINK ASSY	UPPER	Scrap	11080		3617.2	2852.2	09 Sep 2022	11845.0	8211.6	74.1%		
369H1203-51	5432-G202	M/R LEAD-LAG LINK ASSY	LOWER	Scrap	11080		3617.2	2852.2	09 Sep 2022	11845.0	8211.6	74.1%		
369H1203-51	5432-G203	M/R LEAD-LAG LINK ASSY	UPPER	Scrap	11080		3617.2	2852.2	09 Sep 2022	11845.0	8211.6	74.1%		
369H1203-51	5432-G209	M/R LEAD-LAG LINK ASSY	LOWER	Scrap	11080		3617.2	2852.2	09 Sep 2022	11845.0	8211.6	74.1%		
369H1203-51	5432-G214	M/R LEAD-LAG LINK ASSY	UPPER	Scrap	11080		3617.2	2852.2	09 Sep 2022	11845.0	8211.6	74.1%		
369H1203-51	5432-G434	M/R LEAD-LAG LINK ASSY	LOWER	Scrap	11080		3617.2	2852.2	09 Sep 2022	11845.0	8211.6	74.1%		
369D21400-503	005437-18241	M/R LEAD LAG DAMPER	BLUE	Insp	600		3269.8	3269.8	22 Dec 2007	3869.8	236.4	39.4%		
369D21400-503	005437-18138	M/R LEAD LAG DAMPER	WHITE	Insp	600		3269.8	3269.8	22 Dec 2007	3869.8	236.4	39.4%		
369D21400-503	005437-18255	M/R LEAD LAG DAMPER	GREEN	Insp	600		3269.8	3269.8	22 Dec 2007	3869.8	236.4	39.4%		
369D21400-503	005437-18236	M/R LEAD LAG DAMPER	RED	Insp	600		3269.8	3269.8	22 Dec 2007	3869.8	236.4	39.4%		
369D21400-503	005437-18343	M/R LEAD LAG DAMPER	YELLOW	Insp	600		3269.8	3269.8	22 Dec 2007	3869.8	236.4	39.4%		

CONTROLS														
369D27609-501	Unk	M/R SWASHPLATE		O/H	2770		3235.4	1276.0	07 Mar 2013	4729.4	1096.0	39.6%		
369A7003-3	4344	M/R SWASHPLATE - BEARING		Re-Grease		730	3604.6	1645.2	30 Jun 2022		29 Jun 2024	57.1%	417	
369N2642	001619	LONGITUDINAL IDLER BELLCRANK ASSEMBLY		O/C			2560.7	0.0	13 Jan 2005	O/C	O/C			
369A7011-15	001241-0019	CONTROL TUBE, CYCLIC LONGITUDINAL		Scrap	7740		0.0	0.0	23 Aug 1993	7740.0	4106.6	53.1%		

TRANSMISSION & DRIVE														
369D25510-21	069490-0461	M/R DRIVE SHAFT		Scrap	3,260		3198.9	1912.3	14 Nov 2008	4546.6	913.2	28.0%		
369D22014-501	009999-2405	M/R MAST		Scrap	10450		1959.4	0.0	15 Apr 2002	12409.4	8776.0	84.0%		
369D25100-507	1049	M/R TRANSMISSION		O/H	4000		3235.4	0.0	05 Mar 2013	7235.4	3602.0	90.1%		

TRANSMISSION & DRIVE														
369D25501-9	2500	KAFLEX COUPLING (M/R TRANS SIDE)	KAMATIC	O/H		3650	3269.8	0.0 TSO	27 Jun 2017		31 Dec 2027	46.5%	1697	
369D25501-9	6356	KAFLEX COUPLING (FAN TRANS SIDE)	KAMATIC	O/H		3650	3269.8	0.0	27 Jun 2017		31 Dec 2027	46.5%	1697	
500N5215	0411	KAFLEX DRIVESHAFT (ENGINE TO TRANS)	KAMATIC	O/H		3650	3269.8	0.0 TSO	27 Jun 2017		31 Dec 2027	46.5%	1697	
500N5215	0367	KAFLEX DRIVESHAFT (FAN TRANS TO FAN)	KAMATIC	O/H		3650	3269.8	0.0 TSO	27 Jun 2017		31 Dec 2027	46.5%	1697	
369H5660	5009-1168	COUPLING, ENGINE - TRANS DRIVESHAFT		Scrap	3200		3259.2	0.0	02 Jul 2013	6459.2	2825.8			
369H5660	5009-1169	COUPLING, ENGINE - TRANS DRIVESHAFT		Scrap	3200		3259.2	0.0	02 Jul 2013	6459.2	2825.8			
369H5655-3	N/A	OIL COOLER BEARING		Scrap	1200		3269.8	0.0	27 Jun 2017	4469.8	836.4	69.7%		
369H5655-5	062355-6753	OIL COOLER BEARING		Scrap	1200		3269.8	0.0	27 Jun 2017	4469.8	836.4	69.7%		
369D25623	N/A	OIL COOLER BELT		Scrap	1200		3269.8	0.0	27 Sep 2017	4469.8	836.4	69.7%		
369A5350-51	009999-8105	VERRUNNING CLUTCH		O/H	1800		3251.4	0.0 TSO	05 Jun 2013	5051.4	1418.0	78.8%		
369D25351	5603	VERRUNNING CLUTCH SPRAG		O/H	1800		3251.4	0.0 TSO	05 Jun 2013	5051.4	1418.0	78.8%		

NOTAR FAN ASSEMBLY														
500N5400	005570-0044	NOTAR FAN TRANSMISSION		O/C	O/C		0.0	0.0	23 Aug 1993	O/C	O/C			
500N5200	6084N047	DRIVESHAFT, FAN		Scrap	2620		2560.7	0.0	13 Jan 2005	5180.7	1547.3	59.1%		
500N5352-7	000038-0097	FAN HUB		Scrap	7500		0.0	0.0	23 Aug 1993	7500.0	3866.6	51.6%		
500N5364-3	0059150-0219	BEARING, NOTAR FAN SUPPORT		Re-Grease	1200	730	3106.1	0.0	21 Aug 2008	5106.1	1472.7	61.4%		
500N5363-7	008158-0044	PITCH PLATE ASSEMBLY		Scrap	7500		3474.3	368.2	30 Jul 2021		30 Jul 2023	11.2%	82	Planning
500N5310-19	003348-1041	NOTAR FAN BLADE (1)		Scrap	7500		0.0	0.0	23 Aug 1993	7500.0	3866.6	51.6%		
500N5310-19	5432-2051	NOTAR FAN BLADE (2)		Scrap	7500		3106.1	0.0	21 Aug 2008	5106.1	1472.7	61.4%		
500N7120-3	0059150-0059	BEARING, FAN PITCH PLATE		Re-Grease		730	3474.3	368.2	30 Jul 2021		30 Jul 2023	11.2%	82	Planning
500N5310-19	5432-2063	NOTAR FAN BLADE (3)		Scrap	7500		3269.8	468.8	27 Jun 2017	10301.0	6667.6	88.9%		
500N5310-19	5432-2064	NOTAR FAN BLADE (4)		Scrap	7500		3269.8	0.0	27 Jun 2017	10769.8	7136.4	95.2%		
500N5310-19	5432-2065	NOTAR FAN BLADE (5)		Scrap	7500		3269.8	0.0	27 Jun 2017	10769.8	7136.4	95.2%		

Engine Component Listing

A/C Registration:- **N520EA**
 Aircraft S/n:- **LN-062**
 Airframe Hours:- **3633.4**
 Engine Hours:- **3906.6**
 Engine Cycles:- **4868**
 Date:- **Tuesday, May 9, 2023**

M/R Blade T.E's:- **738**
 M/R D/shaft R.I.N's:- **N/A by P/n**

Work Order:-
ST 3537

ENGINE

M250-C20R/2

Inspection:- **POST Skin Deformation**

Signature:

Licence:

Calculated by Airframe Hours

Part No.	Serial No.	Description	Life	Reqm't	Periodicity		Installation		Date	Due		Remaining			Validity	
					Hours	Cycles	Airframe Hours	Component Hrs / Cycles		Airframe Hours	Cycles	Hours	%	Cycles	Hours	Days
ENGINE ASSEMBLY - MODULES																
23053265	CAE 296001	ENGINE ASSY <i>M250-C20R/2</i>		O/C	O/C			0.0	0.0	12 Sep 2008	O/C					
23050833	CAC 15413	COMPRESSOR	Hours	O/H	3500			2815.2	0.0 TSO	15 May 2007	6315.2		2681.8	76.6%		
23039065	CD84847	IMPELLER	Hours	Scrap	7500			2815.2	3098.6	15 May 2007	6680.4	15000	3047.0	40.6%	10132	
			Cycles													
23032621	E77987	1st STAGE COMPRESSOR WHEEL	Hours	Scrap	7500			2815.2	3098.6	15 May 2007	6680.4	15000	3047.0	40.6%	10132	
			Cycles													
23032622	E10933	2nd STAGE COMPRESSOR WHEEL	Hours	Scrap	7500			2815.2	3098.6	15 May 2007	6680.4	15000	3047.0	40.6%	10132	
			Cycles													
23032623	E20931	3rd STAGE COMPRESSOR WHEEL	Hours	Scrap	7500			2815.2	3098.6	15 May 2007	6680.4	15000	3047.0	40.6%	10132	
			Cycles													
23032624	E66464	4th STAGE COMPRESSOR WHEEL	Hours	Scrap	7500			2815.2	3098.6	15 May 2007	6680.4	15000	3047.0	40.6%	10132	
			Cycles													
23035185	CAG 16000	GEARBOX		O/C	O/C			2815.2	0.0 TSO	15 May 2007	O/C					
23073352	CAT 34687	TURBINE ASSY	Hours	HMI	1750			2815.2	0.0 TSO	15 May 2007	4565.2	15000	931.8	53.2%	10132	
			Hours													
GAS PRODUCER TURBINE																
23073853	X567144	1st STAGE TURBINE WHEEL	Hours	Scrap	1775			2815.2	0.0	15 May 2007	4590.2	6787	956.8	53.9%	1919	
			Cycles													
23073854	X558397	2nd STAGE TURBINE WHEEL	Hours	Scrap	1775			2815.2	0.0	15 May 2007	4590.2	6787	956.8	53.9%	1919	
			Cycles													
23068265	NM83421	GAS PRODUCER TIE BOLT	Cycles	Scrap	9000			2815.2	5317.0	15 May 2007	7470		28.9%	2602		
23084419	Unk	2nd STAGE NOZZLE DIAPHRAGM	Hours	Scrap	1775			2815.2	0.0	15 May 2007	4590.2	6787	956.8	53.9%	1919	
			Cycles													
POWER TURBINE																
23065818	X539696	3rd STAGE WHEEL (<i>FAA AD 2022-10-06</i>)	Hours	Scrap	1775			2815.2	0.0	15 May 2007	4590.2		956.8	53.9%		
23065818	X539696	3rd STAGE WHEEL	Hours	Scrap	4550			2815.2	0.0	15 May 2007	7365.2	9787	3731.8	82.0%	4919	
			Cycles													
23055944	X561993	4th STAGE WHEEL (<i>FAA AD 2022-10-06</i>)	Hours	Scrap	1775			2815.2	0.0	15 May 2007	4590.2		956.8	53.9%		
POWER TURBINE																
23055944	X561993	4th STAGE WHEEL	Hours	Scrap	4550			2815.2	0.0	15 May 2007	7365.2	9787	3731.8	82.0%	4919	
			Cycles													
ENGINE ASSEMBLY - ACCESSORIES																
23053190	FF51268	BLEED VALVE	Hours	O/H	1500			3266.9	0.0 TSO	10 Jul 2013	4766.9		1133.5	75.6%		

A/C Registration:- N520EA
Airframe Hours:- 3633.4
Engine Hours:- 3906.6
Engine Cycles:- 4868
Date:- Tuesday, May 9, 2023
M/R Blade Torque Events:- 738
M/R Driveshaft R.I.N.'s:- N/A by P/h

Aircraft Type: MD 500N
Aircraft Serial No: LN-062
Engine Type: M250-C20R/2
Engine Serial No: CAE 295935
Date of Manufacture: Wednesday, October 8, 2008
Inspection: ST 3537

Signed:

Licence:

Reference	Item	Periodicity		Due at		Remaining		Validity	
		Hours	Days	Hours	Date	Hours	Days	Hours	Days
FAA requirement	Aircraft Registration Document Renewal		1095		Monday, September 30, 2024			510	
FAA requirement	Radio Licence Renewal		3650		Monday, September 25, 2028			1966	
MD Helicopters CSP-HMI-2, Chapter 05-20-00 Tables 1 & 2	100 Hour or Annual Inspection - Airframe	100	365	3717.2	Saturday, September 30, 2023	83.8		144	At 50 Hr
MD Helicopters CSP-A-3	100 Hour or Annual Comosion Inspection	100	365	3717.2	Saturday, September 30, 2023	83.8		144	At 50 Hr
Rolls Royce M250-C20R CSP21007, Chapter 72-00-00 Table 603, 150 hour inspection, Items 1 thru 5	150 Hour Inspection - Engine	150	365	3767.2	Saturday, September 30, 2023	133.8		144	
MD Helicopters CSP-HMI-2, Chapter 05-20-10 Table 1	300 Hour Inspection - Airframe	300		3838.8		205.1			
Rolls Royce M250-C20R CSP21007, Chapter 72-00-00 Table 603, 300 hour inspection, Items 1 thru 33	300 Hour / Annual Inspection - Engine	300	365	3917.2	Saturday, September 30, 2023	283.8		144	
MD Helicopters CSP-HMI-2, Chapter 05-20-15 Table 1	Yearly Inspection - Airframe		365		Saturday, September 30, 2023			144	
MD Helicopters CSP-HMI-2, Chapters 04-00-00 Tables 1 & 2, 05-10-00 Tables 1 & 2	Finite & O/H Life Limitations Check - Airframe		365		Saturday, September 30, 2023			144	
Rolls Royce M250-C20R CSP21007, Chapters 05-10-01, 05-10-03, 05-10-05 & 72-00-00 Tables 6 / 7	Finite & O/H Life Limitations Check - Engine		365		Saturday, September 30, 2023			144	
MD Helicopters Rotorcraft Flight Manual CSP-520N-1 & installed kits	Placard Check - Internal & External		365		Saturday, September 30, 2023			144	
MD Helicopters Rotorcraft Flight Manual CSP-520N-1	Instrument Range Check		365		Saturday, September 30, 2023			144	
NN-002	M/R Blade Leading Edge Abrasion Strip Inspection for Debonding		Daily		N/A by p/n (369D21121-505 / 500P2300-505) of M/R Blades installed				
NN-008 & FAA AD 96-10-09	M/R Blade Root Fitting Inspection		Pre-Flight		N/A by p/n (369D21121-505 / 500P2300-505) of M/R Blades installed				
		100							
NN-011 & FAA AD 98-21-12	Overrunning Clutch Inspection (369F5450-501)		100		N/A by p/n (369A5350-51) of Overrunning Clutch installed				
SB500N-015 R3, FAA AD 98-15-26 & MD Helicopters CSP-HMI-2 Chapter 05-20-20 Table 1	M/R Blade Root End Inspection		25		N/A by p/n (369D21121-505 / 500P2300-505) of M/R Blades installed				
SB500N-019 Pt. 1 & FAA AD 2000-08-22	TOT Indicating System Inspection	300	365	3917.2	Saturday, September 30, 2023	283.8		144	
SB500N-020 R2 & FAA AD 99-25-08	Forward & Centre Thruster Control Cables, Conduit Cap Relief Area, Inspection	100	90		Complied with by manufacturer @ aircraft build				
SB500N-021 & FAA AD 99-25-08	Forward & Centre Thruster Control Cables, Conduit Cap Relief Area, Inspection	100	90		Complied with by manufacturer @ aircraft build				
SB500N-022 & FAA AD 2007-12-23 Part b	Fwd & Aft Landing Gear Strut Inspection	100	365	3717.2	Saturday, September 30, 2023	83.8		144	At 50 Hr
SB500N-023 R2 R2, HTC SB 2100-3 R3, MD Helicopters CSP-HMI-2 Chapter 04-00-00 Table 1 Note 37 & FAA AD 2005-21-02	M/R Blade Torque Event Inspection (post 750 hours AND 13720 TE's)	35		When 750 hours	#VALUE!			#VALUE!	#VALUE!
			200 TE's		AND 13720 T.E's			#VALUE!	#VALUE!
SB500N-029 R3 & FAA AD 2013-03-03	Notar Fan Blade Tension-Torsion Strap Replacement (Every 5 Years)		1825		Wednesday, July 29, 2026			1177	
SB500N-044	Kamatics Interconnecting Shaft & Drive Coupling Overhaul Programme		3650		Thursday, December 30, 2027			1696	
SB500N-047 R1	M/R Hub Lead-Link Assy Inspection		Pre-Flight		N/A by s/n batch (5432-XXXX) of p/n (369H1203-51) M/R Hub Lead-Lag Links Installed				
MD Helicopters CSP-HMI-2 Chapter 28-00-00 & Skytech SKY/MI/047, rev 5	Auxiliary Fuel Pump Electrical Cable Routing, Fuel Quantity Sender Inspection		Each Disturbance		Each Disturbance			Each Disturbance	
SB500N-055, FAA AD 2020-18-20 & Helicopter Technology Company SB 2100-8 R4	M/R Blade Abrasion Strip Inspection		Daily		N/A by all p/n 500P2300-505 M/R Blades leading edge abrasion strips replaced by HTC, 0.88" chordwise				
SB500N-056 R2	M/R Transmission inspection	100	365		N/A by p/n (369D25100-507) of M/R Transmission Installed				
SB500N-057, FAA AD 19-05-04 & Helicopter Technology Company SB 2100-9	M/R Blade Inspection @ trim tab inboard area	100	365	3717.2	Saturday, September 30, 2023	83.8		144	At 50 Hr
SB500N-059R1 R1 & Helicopter Technology Company SB 2100-11	M/R Blade Root Fitting - Additional Enhanced Inspection	100		3717.2		83.8			At 50 Hr
SB500N-066 R2 & FAA AD 2021-22-11	Pilot to Co-Pilot T/R Torque Tube Inspection	300		3774.3		140.9			
Helicopter Technology Company SB 2100-6	M/R Blade Abrasion Strip (Plastic) Tape Inspection & Replacement		Pre-Flight		Pre-Flight			Pre-Flight	
CSL-A-4036 R3 (C20R), results recorded on Skytech Form ST/086C	Torque Check of ANY Disturbed 'B' Nut Pipework		Each Disturbance		Each Disturbance			Each Disturbance	
Rolls Royce CEB-A-72-4095 R7 (C20R)	Each Operation Occurance of Steady-State N2 between 71 - 88%		Each Occurance		Each Occurance			Each Occurance	
FAA STC SH401GL Requirement incl. Purolator Facet Document 1741050 ICA, using Skytech SKY/MI/008, rev 2	Auxiliary Oil Filter Scavange Bypass Indication - Purolator Facet, Inc		Each By-Pass		Each By-Pass			Each By-Pass	
Skytech SKY/MI/010, rev 3 Pt I	Fuel System Maintenance & Testing		At Filter Replacement		Each Filter Replacement			Each Filter Replace	
Skytech SKY/MI/010, rev 3 Pt II	Fuel System Maintenance & Testing		Each Inspection		Each Inspection			Each Inspection	
Skytech SKY/MI/010 rev 3 Pt III	Fuel System Maintenance & Testing	300	365	3917.2	Saturday, September 30, 2023	283.8		144	
FAA STC SR00409SE requirement incl. Certified Technology ICA CT9602-1, using Skytech SKY/MI/015, rev 4	Rapid Removal Door Inspection - Certified Technology		Daily		Daily			Daily	
Skytech SKY/MI/053 rev 3 , MD Helicopters CSP-HMI-2 Chapter 28-00-00, Para 6 Page 605 (369E) & Rolls Royce M250-C20R CSP21007 Chapter 73-00-00, Para 2 G(1) thru (13) Pages 235 thru 237	Fuel System Vacuum Leak Inspection		Each Disturbance		Each Disturbance			Each Disturbance	
MD Helicopters CSP-HMI-2 Chapters 05-20-20, Table 1 & 63-20-25	M/R Transmission Run-In Procedure (For New 369F M/R Transmission)		Each New M/R Transmission Install		Not due until 369F M/R Transmission installed				
FAA AD 89-02-01 R1 & MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 62-20-00	M/R Strap Pack Inspection (with 2 failed laminates)	25		With 2 failed laminates	#VALUE!			#VALUE!	
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 63-21-00	Oil Cooler Blower Belt Tension Check & Driven Pulley Retaining Nut Torque Check (post re-assembly, bearing & belt replacement)	25		Next Disturb	#VALUE!			#VALUE!	
Rolls Royce M250-C20R Chapter 72-30-00, Para 6 & CSL-A-4036 (C20R)	Engine Compressor Chemical Wash & Distilled Water Rinse	100		3717.2		83.8			At 50 Hr
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 62-25-30	Anti-Torque Fan Liner Inspection (if cracks do not protrude Felt Metal Seal)	50		If cracks found evident	#VALUE!			#VALUE!	

Aircraft and Engine Maintenance Inspection Forecast

FAA STC SH401GL Requirement incl. Purolator Facet Document 1741050 ICA, <i>using Skytech SKY/MI/008, rev 2</i>	Scavenge Oil Filter Replacement - <i>Purolator Facet, Inc</i>	200	182			N/A - HTS Oil installed		
CSL-A-4036 R3 (C20R), results recorded on Skytech Form ST/086C	Torque Check of ALL "B" Nut Pipework, Re-Apply Torque Stripe	100		3717.2			83.8	At 50 Hr
Rolls Royce CEB-A-73-4040 R2 (C20R)	CECO Fuel Pump Internal Spline Inspection (with CECO p/n 112160-A1 or 112160-A2 pump installed)	100				N/A by TRW Fuel Pump p/n 6899253 / 386500-5 installed		
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 62-20-00	M/R Strap Pack Inspection	100		3717.2			83.8	At 50 Hr
Helicopter Technology Company SB 2100-4 R2	M/R Blade Corrosion Inspection & Protection	100		3717.2			83.8	At 50 Hr
Helicopter Technology Company SB 2100-7	M/R Blade Root Fitting Periodic Inspection	100		3717.2			83.8	At 50 Hr
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 63	M/R Blade Root Drain Hole Clearance	100		3717.2			83.8	At 50 Hr
FAA STC SH1713SO law Bristol Aerospace ICA PM-965-044C & ER84650/G, <i>using Skytech SKY/MI/006A, rev 1</i>	Overrunning Clutch Inspection (369F5450 only)	100				N/A by p/n (369A5350-51) of Overrunning Clutch installed		
FAA STC SH00409SE requirement law Certified Technology ICA CT9602-2, <i>using Skytech SKY/MI/015, rev 4</i>	Wire Strike Protection System Inspection - <i>Bristol Aerospace</i>	100		3717.2			83.8	At 50 Hr
MD Helicopters CSP-HMI-3, Chapter 95-30-00 Para 12, <i>using Skytech Form ST/013B</i>	Rapid Removal Door Inspection - <i>Certified Technology</i>	100		3717.2			83.8	At 50 Hr
FAA STC SH656GL requirement, <i>using Skytech SKY/MI/002, rev 3</i>	T.O.T System & Gauge Check Calibration - <i>Digital</i>	100	365	3717.2		Saturday, September 30, 2023	83.8	At 50 Hr
FAA STC SH2735NM requirement law Paravion Technology ICA PR-369DA-120M, <i>using Skytech SKY/MI/004, rev 2</i>	Auxiliary Fuel Tank Inspection - <i>Fargo Manufacturing Company</i>	100	365	3717.2		Saturday, September 30, 2023	83.8	At 50 Hr
FAA STC SR03265AT requirement law Heli-Tech ICA Doc 012104, <i>using Skytech SKY/MI/011, rev 0</i>	Cabin Door Actuator Inspection - <i>Paravion Technology</i>	100	365	3717.2		Saturday, September 30, 2023	83.8	At 50 Hr
Skytech SKY/MI/012 rev 4, results recorded on Skytech Form ST/097B (520N)	Engine Gearbox breather Inspection - <i>Heli-Tech</i>	100	365	3717.2		Saturday, September 30, 2023	83.8	At 50 Hr
Skytech SKY/MI/060, rev 2 & FAA STCSR02120SE	Engine Power Performance Check	100	365	3717.2		Saturday, September 30, 2023	83.8	At 50 Hr
Helicopter Technology Company SB 2100-10, results recorded on Skytech Form ST/108	Garmin ref 190-010077-KB - <i>Garmin GTN 650 & 750 inspection</i>	100	365	3717.2		Saturday, September 30, 2023	83.8	At 50 Hr
Antex Operation Installation Manual 570-1600 requirement, <i>using Skytech SKY/MI/055, rev 2</i>	M/R Blade Trim Tab Bending Limits	365				Saturday, September 30, 2023		
MD Helicopters CSP-HMI-2, Chapter 28-00-00	ELT System Inspection - <i>Artex ME406HM</i>	365				Saturday, September 30, 2023		
MD Helicopters CSP-HMI-2, Chapter 12-00-00	Turbine Engined A/C Fuel Tank Internal Inspection	365				Saturday, September 30, 2023		
Skytech SKY/MI/020, rev 3	Fan Transmission Oil Replacement	365				Saturday, September 30, 2023		
Skytech SKY/MI/026, rev 2	Altimeter Sub-Scale Knob Inspection	365				Saturday, September 30, 2023		
Skytech Form ST/027 FAA	M/R + Fan Transmissions & Engine oil sample analysis	365				Saturday, September 30, 2023		
Skytech Form ST/064 FAA	ASI & Altimeter Check Calibration	365				Saturday, September 30, 2023		
Skytech SKY/MI/076, rev 2 & FAA STC SR02124SE	Radio Inspection - <i>1 year</i>	365				Saturday, September 30, 2023		
Skytech SKY/MI/027, rev 5	Garmin ICA Doc ref 190-00734-21, rev 1 inspection, - <i>Garmin GTX335 / 345 with optional GI-205 display</i>	365				Saturday, September 30, 2023		
Purolator SB 082500.5 (HTS Oil)	M/R Transmission Input Shaft Inspection	300	365	3917.2		Saturday, September 30, 2023	283.8	
MD Helicopters CSP-HMI-2, Chapter 63-21-00	Scavenge Oil Filter Replacement - <i>Purolator Facet, Inc</i>	300	365	3917.2		Saturday, September 30, 2023	283.8	
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 67-20-30	Oil Cooler Blower Belt Tension Check	300	365	3917.2		Saturday, September 30, 2023	283.8	
Rolls Royce M250-C20R CSP21007, Chapter 72-00-00 Table 603, 300 hour inspection, item 29 & 1750 hour inspection item 2. Engine assy to be removed, inspection to be carried out & engine assy to be refitted & re-connected	Forward & Centre cable couplings for corrosion pitting & cracks	300	365	3917.2		Saturday, September 30, 2023	283.8	
Rolls Royce M250-C20R CSP21007, Chapter 72-00-00 Table 603, 300 hour inspection, items 30 & 31 (NON M250-C20R/2(SP) CECO fuel pump engines)	Compressor Case Half Inspection	300	365	3917.2		Saturday, September 30, 2023	283.8	
FAA STC SR00716SE & ICA RJ-369 Requirement - Concorde Battery (RG500) (Advanced Power Products) & Skytech MP/02122/P Sect 21.1.8 (ii)	Engine Fuel Filter Replacement + Differential Pressure Switch Test	600	365	3917.2		Saturday, September 30, 2023	283.8	
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 12-00-00 (Mobil AGL)	Battery Capacity Check (Lead-Acid) - Concorde Battery (Advanced Power Products)	600	365	4217.2		Saturday, September 30, 2023	583.8	
Rolls Royce M250-C20R CSP21007, Chapter 72-00-00 Table 603, 300 hour inspection, Item 19	M/R Transmission Oil & Filter Replacement (369F5510)	600	365	4217.2		Saturday, September 30, 2023	583.8	
Rolls Royce CSL 4084 (C20R)	Engine Oil Replacement (Wet Spline, HTS Oil, Facet Aux Oil Filter)	600	365	4217.2		Saturday, September 30, 2023	583.8	
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 63-10-00	Turbine Hot Corrosion Inspection	600	365	4217.2		Saturday, September 30, 2023	583.8	
Altimeter & Static System Inspection, law FAA Part 91.411 & FAR 43 Appx E	M/R Driveshaft Inspection (369F5510)	600	365	4217.2		N/A until 369F5510 Driveshaft installed		
Transponder & Encoder Inspection, law FAA Part 91.413 & FAR 43 Appx F	Altimeter & Static System Test	730				Sunday, July 30, 2023		82
Skytech SKY/MI/057, rev 2 & MD Helicopters CSP-HMI-2, Chapter 32-10-00	Transponder & Encoder Test	730				Sunday, July 30, 2023		82
Skytech SKY/MI/059, rev 2	Centre Beam Bearing & Landing Gear Strut End Fitting / Hardware Inspection	730				Saturday, June 29, 2024		417
MD Helicopters CSP-HMI-2 Chapters 05-10-00 Table 2 & 64-25-30, results recorded on Skytech Form ST/073	Aircraft Cabin Heat Inspection / Lubrication	730				Saturday, June 29, 2024		417
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Tables 1 & 2 + 64-25-30	2 year Re-Grease - <i>Fan Support & Pitch Plate Bearings</i>	1200	730	4674.3		Sunday, July 30, 2023	1040.9	82
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 64-25-30	Inspection & Re-Grease - <i>Fan Support & Pitch Plate Bearings</i>	1200	730	4674.3		Sunday, July 30, 2023	1040.9	82
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 64	Anti-Torque Fan Inspection	1200	730	4674.3		Sunday, July 30, 2023	1040.9	82
MD Helicopters CSP-HMI-2 Chapters 05-10-00 Table 1 & 62-20-00, results recorded on Skytech Form ST/028	Pitch Bearing Retainer for Cracks & Damage	1200	730	4674.3		Sunday, July 30, 2023	1040.9	82
FAA AC 43.13-1B Sect 12-37c, <i>using Skytech Form ST/045</i>	2 year re-grease - <i>M/R Hub & Swashplate Assemblies</i>	2700	730	6105.7		Saturday, June 29, 2024	2472.3	417
Artex ME406HM manual 570-1600, <i>using Skytech SKY/MI/055, rev 2</i>	Compass Check Swing - <i>Direct & Remote</i>	1095				Friday, June 30, 2023		52
FAA STC SR03265AT requirement law Heli-Tech ICA Doc 012104, <i>using Skytech SKY/MI/011, rev 0</i>	ELT Battery Replacement - <i>Artex ME406HM</i>	2190				Friday, April 30, 2027		1452
Skytech SKY/MI/060, rev 2 & FAA STCSR02120SE	Engine Gearbox Breather Hose Replacement - <i>Heli-Tech</i>	1000	2920	4269.8		Tuesday, December 21, 2027	636.4	1687
Skytech SKY/MI/076, rev 2 & FAA STC SR02124SE	Garmin ref 190-010077-KB - <i>Garmin GTN 650 & 750 inspection</i>	2000	3650	5378.9		Sunday, November 11, 2029	1745.5	2378
Rolls Royce CEB-A-4075 R9 (C20R)	Garmin ICA Doc ref 190-00734-21, rev 1, <i>Garmin GTX335 / 345 Transponder with optional GI-205 display</i>	2000	3650	5378.9		Sunday, November 11, 2029	1745.5	2378
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1, 62-20-00 & 62-20-60	1st Stage Nozzle Shield Dome Inspection (Initial @ 600 cycles, repeat @ each 1000 cycles)	1000	cycles			N/A by p/n of 1st stage nozzle installed		
	M/R Damper Extension Check (every 300 hours POST 4200 hours of component operation)	300				Not due until 4200 component hours		

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FAA AD 81-26-01 R1	M/R Driveshaft Inspection	300		3904.8		271.2		
CEB-A-72-4099 R1 (C20R)	Inspection of Metco 52C coated comp cases & replacement	300			N/A by p/n (23032630) of Compressor Case set installed			
Skytech SKY/MI/052, rev 3	Igniter replacement, iaw Rolls Royce M250-C20R CSP21007 Chapter 74-20-01	500		3905.7		272.3		
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1, 62-20-00 & 62-20-60	M/R Damper Extension Check (every 600 hours BRE, 4200 hours of component operation)	600		3869.8		236.4		
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1, 63-25-30 & 67-20-30	Rotation Measurement of Fan Pitch Control Clevis On Fan Pitch Control Tube	600		3869.8		236.4		
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 67-10-00	Cyclic Control System Inspection	600		3869.8		236.4		
Rolls Royce M250-C20R CSP21007 Chapter 72-00-00, Table 603, 600 hour inspection, FAA STC SH401GL requirement incl. Facet Filtration Products ICA Doc 1741050, using Skytech SKY/MI/016, rev 4	Engine Inspection - 600 hour incl. Facet Aux Oil Filter By-Pass Indication Test - Purolator Facet, Inc	600		3946.5		313.1		
FAA STC SH401GL Requirement iaw Purolator Facet Document 1741050 ICA, using Skytech SKY/MI/007, rev 2	Scavenge Oil Filter Strainer Inspection - Purolator Facet, Inc	1000		4405.7		772.3		
FAA STC SH00409SE requirement iaw Certified Technology ICA CT9602-2, using Skytech SKY/MI/015, rev 4	Rapid Removal Door Inspection - Certified Technology	1000		4346.5		713.1		
Rolls Royce CEB A-73-4012 R3 (C20R)	Power Turbine Governor Py Port Casting Inspection	1000			N/A by p/n (23065121 / 2523769-14KH) of Power Turbine Governor installed			
Rolls Royce M250-C20R CSP21007, Chapter 72-00-00 Table 603, 1000 hour inspection item 1 & CEB-A-73-4012 R3 (C20R)	Engine Inspection - 1000 hour	1000			N/A by p/n (23065121 / 2523769-14KH) of Power Turbine Governor installed			
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 53	Visual Inspection Of Horizontal Stabilizer Mounting Brackets	1200		4469.8		836.4		
MD Helicopters CSP-HMI-2, Chapters 05-20-20 Table 1 & 67-20-30	Regrease YSAS Actuator	1200		4469.8		836.4		
Rolls Royce M250-C20R, CSP21007, Chapter 72-00-00 Table 603, 1500 hour inspection, item 1	Engine Inspection - 1500 hour	1500		4248.7		615.3		
Rolls Royce M250-C20R, CSP21007, Chapter 72-00-00 Table 603, 1500 hour inspection, items 2 & 3 (M250-C20R/2 (SP) CECO fuel pump engines only)	Engine Inspection - 1500 hour	1500			N/A due to TRW (6899253 / 386500-5) Fuel Pump installed			
Rolls Royce M250-C20R, CSP21007, Chapter 72-00-00 Table 603, 1750 hour inspection, item 3 (N/A to item 1 due to type [C20R/2] of engine installed & item 2 carried out at 300 hour / Annual intervals)	Engine Inspection - 1750 hour	1750		4565.2		931.8		
Rolls Royce CEB-A-72-4095 R7 (C20R)	FPI inspection of 3rd stage (p/n 23065818) & 4th stage (p/n's 23055944 / M250-10445) turbine wheels, every 1750 hours OR Any time P.T. is disassembled.	1750	Each PT disturbance	4565.2	Each PT disturbance	931.8	Each PT disturbance	
Rolls Royce CEB A-72-4098 R6 (C20R)	NDT inspection of 3rd stage (p/n 23065818) turbine wheel, every 1750 hours OR Any time P.T. is disassembled.	1750	Each PT disturbance	4565.2	Each PT disturbance	931.8	Each PT disturbance	
CEB-A-72-4106 R1 (C20R)	Inspection of 3rd stage (23065818) turbine wheel, within 1750 hours OR any time PT is disassembled for whatever reason	1750	Each PT disturbance	4565.2	Each PT disturbance	931.8	Each PT disturbance	
Rolls Royce CEB-A-72-4108 (C20R)	Replacement of 4th stage (p/n 23055944) turbine wheel, every 1750 hours OR any time P.T. is disassembled.	1750	Each PT disturbance	4565.2	Each PT disturbance	931.8	Each PT disturbance	
FAA AD 2022-10-06	Removal of 3rd (p/n 23065818) & 4th stage (p/n 23055944), any time P.T. is disassembled or next P,T replacement	1775	Each PT disturbance	4590.2	Each PT disturbance	956.8	Each PT disturbance	
Rolls Royce CEB-A-4082 R4 (C20R)	2nd Stage Nozzle Diaphragm Replacement		Each HMI		Each HMI		Each HMI	