

HELIMECH LIMITED AIRCRAFT STATUS REPORT

Aircraft Reg	G-GGGR	Workpack File JXXXX	
Aircraft Type	AS350B3	A/C S/N	4064
Report Date	15/02/2023	AC HRS	7899.8

MAINTENANCE PROGRAMME REFERENCE: MP/02653/P ISSUE 2 REVISION 8

Aircraft Reg:	G-GGGR	Arriel 2B1 S/N 23200
Engine Hrs:	8999.8	
Engine Cyc A	9736.18	Cyc B 3982.56
Total A/f Cycles (TC)	14346	Landings 13382

Component/ Inspection	Part No	Ser No	ret o/h	Service life	A/C hrs @ install	Comp hrs @ install	Time Remaining	Hrs due removal	Component/ Inspection
Scheduled Inspections									
30 Hr Insp - Airframe	Mandatory	N/A	N/A	30	7892.6	N/A	22.8	7922.6	30 Mand Hr Insp - Airframe
50 Hr Insp - Airframe	Mandatory	N/A	N/A	50	N/A	N/A	N/A	N/A	N/A by post Mod + P/N
50 Hr Insp - Airframe	Starflex Insp -1918	N/A	N/A	50	7892.6	N/A	42.8	7942.6	50 Hr Insp - Airframe
50 Hr / 6 Mth Insp - A/F	TRH PCU Bearing	N/A	N/A	50	N/A	N/A	N/A	N/A	N/A by post Mod 076551
100 Hr Insp - Airframe	N/A	N/A	N/A	100	7835.3	N/A	35.5	7935.3	100 Hr Insp - Airframe
100 Hr Insp - Airframe	Mandatory	N/A	N/A	100	7835.3	N/A	35.5	7935.3	100 Hr Mand Insp - Airframe
150 Hr Insp - Airframe	N/A	N/A	N/A	150	7835.3	N/A	85.5	7985.3	150 Hr Insp - Airframe
150 Hr / 6 Mth Insp - A/F	Acc - Yaw Comp	12/01/2023	180	150	7892.6	N/A	142.8	8042.6	Next Cal 11/07/2023
150 Hr / 12 Mth Insp - A/F	N/A	12/01/2023	364	150	7892.6	N/A	142.8	8042.6	Next Cal 11/01/2024
300 Hr Insp - Airframe	N/A	N/A	N/A	300	7703.3	N/A	103.5	8003.3	300 Hr Insp - Airframe
300 Hr Insp - Airframe	S/Gen Radial Play	N/A	N/A	300	7703.3	N/A	103.5	8003.3	Starter/Gen Radial Play
500 Hr Insp - Airframe	N/A	N/A	N/A	500	7751.3	N/A	351.5	8251.3	500 Hr Insp - Airframe
500 Hr / 24 Mth Insp - A/F	Mandatory	N/A	730	500	N/A	N/A	N/A	N/A	N/A by P/N
600 Hr Insp - Airframe	N/A	N/A	N/A	600	7703.3	N/A	403.5	8303.3	600 Hr Insp - Airframe
600 Hr / 6 Mth Insp - A/F	Blade Pin Lube	12/01/2023	180	600	7892.6	N/A	592.8	8492.6	Next Cal 11/07/2023
600 Hr / 24 Mth Insp - A/F	N/A	05/01/2022	730	600	7835.3	N/A	535.5	8435.3	Next Cal 04/01/2024
600 Hr / 24 Mth Insp - A/F	Mandatory	05/01/2022	730	600	7835.3	N/A	535.5	8435.3	Next Cal 04/01/2024
1200 Hr Insp - Airframe	N/A	N/A	N/A	1200	7200.0	N/A	500.2	8400.0	1200 Hr Insp - Airframe
1200 Hr / 24 Mth Insp - A/F	N/A	05/01/2022	730	1200	7835.3	N/A	1135.5	9035.3	Next Cal 04/01/2024
1200 Hr / 48 Mth Insp - A/F	N/A	24/06/2021	1460	1200	7792.6	N/A	1092.8	8992.6	Next Cal 23/06/2025
1800 Hr Insp - Airframe	N/A	N/A	N/A	1800	7703.3	N/A	1603.5	9503.3	1800 Hr Insp - Airframe
1800 Hr / 72 Mth Insp - A/F	N/A	23/01/2020	2190	1800	7703.3	N/A	1603.5	9503.3	Next Cal 21/01/2026
2400 Hr Insp - Airframe	N/A	N/A	N/A	2400	N/A	N/A	N/A	N/A	N/A by SICMA 159 seats
2400 Hr / 72 Mth Insp - A/F	N/A	23/01/2020	2190	2400	7703.3	N/A	2203.5	10103.3	Next Cal 21/01/2026
2500 Hr / 72 Mth Insp - A/F	N/A	23/01/2020	2190	2500	7703.3	N/A	2303.5	10203.3	Next Cal 21/01/2026
2600 Hr Insp - Airframe	N/A	N/A	N/A	2600	N/A	N/A	N/A	N/A	N/A by a/c mod state
3000 Hr / 48 Mth Insp - A/F	N/A	23/01/2020	1460	3000	7703.3	N/A	2803.5	10703.3	Next Cal 22/01/2024
3000 Hr / 72 Mth Insp - A/F	N/A	23/01/2020	2190	3000	7703.3	N/A	2803.5	10703.3	Next Cal 21/01/2026
3000 Hr / 60000 TC - A/F	N/A	N/A	N/A	3000	7703.3	N/A	2803.5	10703.3	Next Insp 72979 Landings
5000 Hr / 72 Mth Insp A/F	N/A	N/A	2190	5000	N/A	N/A	N/A	N/A	Next Cal
5400 Hr Insp Airframe	N/A	N/A	N/A	5400	5400.0	N/A	2900.2	10800.0	5400 Hr Insp - Airframe
5400 Hr / 72 Mth Insp - A/F	N/A	23/01/2020	2190	5400	7703.3	N/A	5203.5	13103.3	Next Cal 21/01/2026
1 Mth Insp - Airframe	N/A	12/01/2023	N/A	30	7892.6	N/A	-4	11/02/2023	1 Mth Insp - Airframe
6 Mth Insp - Airframe	N/A	12/01/2023	N/A	180	7892.6	N/A	146	11/07/2023	6 Mth Insp - Airframe
12 Mth Insp -Airframe	N/A	12/01/2023	N/A	364	7892.6	N/A	330	11/01/2024	12 Mth Insp - Airframe
12 Mth Inspection - ELT	C406 NHM	12/01/2023	insp	364	7892.6	N/A	-36715	08/08/1922	12 mth Insp - ELT
24 Mth Insp - Airframe	N/A	12/01/2023	730	729	7892.6	N/A	696	11/01/2025	24 Mth Insp - A/F
72 Mth Insp - A/F - MGB Assy	350A32-0310-02	M2421	2190	2190	23/01/2020	N/A	1072	22/01/2026	72 Mth Insp - A/F - MGB Assy
72 Mth Insp - A/F - TGB Assy	350A33-0200-06	MA2279	2190	2190	23/01/2020	N/A	1072	22/01/2026	72 Mth Insp - A/F - TGB Assy
72 Mth Insp - A/F - MRH	N/A	N/A	2190	2190	23/01/2020	N/A	1072	22/01/2026	72 Mth Insp - A/F - MRH
72 Mth Insp - A/F -TRH	N/A	N/A	2190	2190	23/01/2020	N/A	1072	22/01/2026	72 Mth Insp - A/F - TRH

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MAINTENANCE PROGRAMME REFERENCE: MP/02653/P ISSUE 2 REVISION 8

Aircraft Reg:	G-GGGR	Arriel 2B1 S/N 23200
Engine Hrs:	8999.8	
Engine Cyc A	9736.18	Cyc B 3982.56
Total A/f Cycles (TC)	14346	Landings 13382

Component/ Inspection	Part No	Ser No	ret o/h	Service life	A/C hrs @ install	Comp hrs @ install	Time Remaining	Hrs due removal	Component/ Inspection
72 Mth Insp - A/F -TRDS	N/A	N/A	2190	2190	23/01/2020	N/A	1072	22/01/2026	72 Mth Insp - A/F - TRDS
72 Mth Insp - A/F -Eng/MGB coupl	N/A	N/A	2190	2190	23/01/2020	N/A	1072	22/01/2026	72 Mth Insp - A/F - Eng/MGB coupl
144 Mth Insp - Airframe	N/A	N/A	4380	4380	23/01/2020	N/A	3263	22/01/2032	144 Mth Insp - Airframe
15 Hr / 7 Day Insp - Engine	N/A	12/01/2023	7	15	7892.6	N/A	7.8	7907.6	Next Cal 19/01/2023
25 Hr Insp - Engine	N/A	N/A	N/A	25	7892.6	N/A	17.8	7917.6	25 Hr Insp - Engine
30 Hr Insp - Engine	N/A	N/A	N/A	30	7892.6	N/A	22.8	7922.6	30 Hr Insp - Engine
50 Hr Insp - Engine	N/A	N/A	N/A	50	N/A	N/A	N/A	N/A	N/A by mod state+atmosphere
100 Hr Insp - Engine	N/A	N/A	N/A	100	7835.3	N/A	35.5	7935.3	100 Hr Insp - Engine
150 Hr Insp - Engine	N/A	N/A	N/A	150	7892.6	N/A	142.8	8042.6	150 Hr Insp - Engine
300 Hr Insp - Engine	N/A	N/A	N/A	300	7751.3	N/A	151.5	8051.3	300 Hr Insp - Engine
300 Hr / 12 Mth - Engine	N/A	N/A	N/A	300	N/A	N/A	N/A	N/A	NA by oil spec
600 Hr Insp - Engine	N/A	N/A	N/A	600	7703.3	N/A	403.5	8303.3	600 Hr Insp - Engine
600 Hr / 12 mth - Engine	N/A	N/A	N/A	600	N/A	N/A	N/A	N/A	NA by oil spec + op condition
600 Hr / 24 Mth - Engine	Mobil 254	12/01/2023	730	600	7892.6	N/A	592.8	8492.6	Next Cal 11/01/2025
1 Month Insp - Engine			30	N/A					
15 Year - Engine	N/A		5475	5475	18/09/2015	N/A	2768	14/09/2030	15 Year Insp - Engine
ARC 2nd Extension	N/A	N/A	N/A	365	12/01/2023	N/A	362	12/02/2024	ARC 2nd Extension
Compass Swing - Info only	N/A	N/A	N/A	N/A	31/01/2020	N/A	N/A	N/A	Compass Swing - Info only
Hoses - Fuel + Oil + Hyd	N/A	N/A	N/A	3650	23/01/2020	N/A	2531	20/01/2030	Hoses - Fuel + Oil + Hyd
Hyd Hoses	72 Mon	N/A	O/C	O/C		N/A	O/C	O/C	Next Cal On condition
MRGB Oil -Aerogear 823	24 Mon	23/01/2020	730	600	7703.3	N/A	403.5	8303.3	MRGB Oil Change
TRGB Oil - Aerogear 823	24 Mon	23/01/2020	730	600	7703.3	N/A	403.5	8303.3	TRGB Oil Change
Hydraulic Oil Change	Fluid 31	23/01/2020	1460	3000	7703.3	N/A	2803.5	10703.3	Next Cal 22/01/2024
Battery 6M Capacity Chk	1606-1	G00471	Cap Test	6 Mon	7892.6	N/A	143	08/07/2023	Battery 6M Capacity Chk
Battery 12M Deep Cycle	1606-1	G00471	Deep Cyc	12 Mon	7892.6	N/A	327	08/01/2024	Battery 12M Deep Cycle
Battery 24M Overhaul	1606-1	G00471	Ohaul	12 Mon	7892.6	N/A	693	08/01/2025	Battery 24M Overhaul
Cabin Fire Extinguisher	S262A10T1001	ACW03783	ret	10Yr	23/01/2020	N/A	2090	05/11/2028	Next Cal Cabin Fire Extinguisher
ELT Battery Expiry	ICA 570-5060		ret	5 Yr			198	01/09/2023	ELT Battery Expiry
Cargo Hook	210-201-02	196	Ohaul	1000	7707.1	0.0	807.3	8707.1	Cargo Hook
Cargo Hook	210-201-02	196	Ohaul	5 Years	25/02/2020	N/A	740	24/02/2025	Cargo Hook
Cargo Hook Swing Suspension Kit	210-201-02	196	insp	1000	7707.1	0.0	807.3	8707.1	Cargo Hook Swing Suspension Kit
Cargo Hook Swing Suspension Kit	210-201-02	196	insp	5 Years	25/02/2020	N/A	45712	24/02/2025	Cargo Hook Swing Suspension Kit
Load Cell Assembly	210-249-03	11065	Insp+Cal	1000	7751.3		851.5	8751.3	Load Cell Assembly
Load Cell Assembly	210-249-03	11065	Insp+Cal	5 Years	08/01/2021	N/A	1057	07/01/2026	Load Cell Assembly
Tailboom Check Torque	Post Installation	N/A	Chk Tq	600	7703.3	N/A	403.5	8303.3	Tailboom Check Torque
TRDS Balance Check	Post Installation	N/A	Balance	150	7835.3	N/A	85.5	7985.3	TRDS Balance Check
M/R Blade Insp post repair	355A11-0030-04	27025	Insp	300	7613.4	N/A	13.6	7913.4	M/R Blade Insp post repair
M/R Blade Insp post repair	355A11-0030-04	27025	Insp	450	7613.4	N/A	163.6	8063.4	M/R Blade Insp post repair

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Engine Cyc A	9736.18	Cyc B 3982.56
Total A/f Cycles (TC)	14346	Landings 13382

Component/ Inspection	Part No	Ser No	ret o/h	Service life	A/C hrs @ install	Comp hrs @ install	Time Remaining	Hrs due removal	Component/ Inspection
Components									
Starflex	350A31-1918-00	M4051	ret	3000	7200.0	0.0	2300.2	10200.0	Starflex
MR Spher Stop	704A33-6332-08	LK18535	ret	6400	5800.0	0.0	4300.2	12200.0	MR Spher Stop
MR Spher Stop	704A33-6332-08	LK18612	ret	6400	5800.0	0.0	4300.2	12200.0	MR Spher Stop
MR Spher Stop	704A33-6332-08	LK18553	ret	6400	5800.0	0.0	4300.2	12200.0	MR Spher Stop
Spher Stop Bolt	350A31-1854-21	65238	ret	3000	5699.5	0.0	799.7	8699.5	Spher Stop Bolt
Spher Stop Bolt	350A31-1854-21	65412	ret	3000	5699.5	0.0	799.7	8699.5	Spher Stop Bolt
Spher Stop Bolt	350A31-1854-21	65282	ret	3000	5699.5	0.0	799.7	8699.5	Spher Stop Bolt
Spher Stop Bolt	350A31-1854-21	65534	ret	3000	5699.5	0.0	799.7	8699.5	Spher Stop Bolt
Spher Stop Bolt	350A31-1854-21	62501	ret	3000	5699.5	0.0	799.7	8699.5	Spher Stop Bolt
Spher Stop Bolt	350A31-1854-21	65478	ret	3000	5699.5	0.0	799.7	8699.5	Spher Stop Bolt
MR Head Bolts	350A37-1244-20	106905	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1244-20	106909	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1244-20	106995	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1244-20	107004	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1244-20	100707	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1244-20	107157	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1245-20	93375	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1245-20	95549	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1245-20	95652	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1245-20	95781	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1245-20	95790	ret	3000	5399.5	0.0	499.7	8399.5	MR Head Bolts
MR Head Bolts	350A37-1245-20	129411	ret	3000	7835.3	0.0	2935.5	10835.3	MR Head Bolts
Main Rotor Blade	355A11-0030-04	27018	ret	20000	4304.1	5700.0	10704.3	18604.1	Main Rotor Blade
Main Rotor Blade	355A11-0030-04	27022	ret	20000	4304.1	5700.0	10704.3	18604.1	Main Rotor Blade
Main Rotor Blade	355A11-0030-04	27025	ret	20000	7613.0	9008.9	10704.3	18604.1	Main Rotor Blade
M/R Blade Horn	350A31-1877-03	MAP2021	ret	80000	3000.0	3600.0	71500.2	79400.0	M/R Blade Horn
M/R Blade Horn	350A31-1877-03	MAP2022	ret	80000	3000.0	3600.0	71500.2	79400.0	M/R Blade Horn
M/R Blade Horn	350A31-1877-03	MAP2024	ret	80000	3000.0	3600.0	71500.2	79400.0	M/R Blade Horn
M/R Sleeves Upper	350A31-1850-03	M28697	ret	6600	3800.0	0.0	2500.2	10400.0	M/R Sleeves Upper
M/R Sleeves Upper	350A31-1850-03	M28660	ret	6600	3800.0	0.0	2500.2	10400.0	M/R Sleeves Upper
M/R Sleeves Upper	350A31-1850-03	M28726	ret	6600	3800.0	0.0	2500.2	10400.0	M/R Sleeves Upper
M/R Sleeves Lower	350A31-1850-02	M26661	ret	6600	3800.0	0.0	2500.2	10400.0	M/R Sleeves Lower
M/R Sleeves Lower	350A31-1850-02	M28673	ret	6600	3800.0	0.0	2500.2	10400.0	M/R Sleeves Lower
M/R Sleeves Lower	350A31-1850-02	M28706	ret	6600	3800.0	0.0	2500.2	10400.0	M/R Sleeves Lower
Main Rotor Shaft	350A37-1290-04	FR277	ret	90000	4936	6301	74289	88635 cy	Main Rotor Shaft
Swashplate Bearing	704A33-651-158	NR9379	ret	6300	4200.0	0.0	2600.2	10500.0	Swashplate Bearing
Main Rotor Servo	SC 5084-1	1314	oh	3000	5700.0	0.0	800.2	8700.0	Main Rotor Servo
Main Rotor Servo	SC 5084-1	1314	oh	7300	Days 03/09/2014	0.0	4173	20/07/2034	Main Rotor Servo
Main Rotor Servo	SC 5083-1	3587	oh	3000	5700.0	0.0	800.2	8700.0	Main Rotor Servo
Main Rotor Servo	SC 5083-1	3587	oh	7300	Days 03/09/2014	0.0	4128	05/06/2034	Main Rotor Servo
Main Rotor Servo	SC 5083-1	2964	oh	3000	5700.0	0.0	800.2	8700.0	Main Rotor Servo

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Engine Hrs:	8999.8	
Engine Cyc A	9736.18	Cyc B 3982.56
Total A/f Cycles (TC)	14346	Landings 13382

Component/ Inspection	Part No	Ser No	ret o/h	Service life	A/C hrs @ install	Comp hrs @ install	Time Remaining	Hrs due removal	Component/ Inspection	
Main Rotor Servo	SC 5083-1	2964	oh	7300	Days	03/09/2014	0.0	4161	08/07/2034	Main Rotor Servo
T/R Servo	SC 5072	495	oh	3000			5700.0	800.2	8700.0	T/R Servo
T/R Servo	SC 5072	495	oh	7300	Days	03/09/2014	0.0	3998	26/01/2034	T/R Servo
MGB Bevel Reduction Gear	350A32-0310-02	M2421	oh	3000			6000.0	1100.2	9000.0	Bevel Reduction Gear
MGB Bevel Reduction Gear	350A32-0310-02	M2421	oh	8760	Days	15/09/2015	0.0	5489	25/02/2038	Bevel Reduction Gear
MGB Bottom Casing	350A32-3119-05	MAP5738V	ret	20000			6000.0	11353.0	19252.8	MGB Bottom Casing
MGB Bottom Casing	350A32-3119-05	MAP5738V	ret	77100	cy		10039	32310	46656 cy	MGB Bottom Casing
MGB Bottom Casing AD	350A32-3119-05	MAP5738V	insp	22800	cy		12979	21433	35779 cy	EASA AD 2016-0020
MGB Main Casing	350A32-3121-06	M5778	ret	20000			6000.0	10036.8	17936.6	MGB Main Casing
MGB Main Casing	350A32-3121-06	M5788	ret	120000	cy		10039	84671	99017 cy	MGB Main Casing
MGB Main Casing AD	350A32-3121-06	M5788	insp	89800	cy		10039	54471	68817 cy	EASA AD 2016-0020
Bevel Gear	350A32-3172-20	M428	ret	20000			6000.0	15110.4	23010.2	Bevel Gear
Bevel Wheel	350A32-3165-20	M402	ret	20000			6000.0	15110.4	23010.2	Bevel Wheel
Epicyclic Gear	350A32-0120-00	M6256	oh	3000			6000.0	1100.2	9000.0	Epicyclic Gear
Epicyclic Gear	350A32-0120-00	M6256	oh	8760	Days	15/09/2015	0.0	5489	25/02/2038	Epicyclic Gear
Planet Gear Cage	350A32-1089-21	ZF 2377	ret	49000	cy		10039	23609	37955 cy	Planet Gear Holder
Planet Gear	350A32-1082-03	ZF 19230	ret	20000			6000.0	13017.3	20917.1	Planet Gear
Planet Gear	350A32-1082-03	ZF 19260	ret	20000			6000.0	13017.3	20917.1	Planet Gear
Planet Gear	350A32-1082-03	ZF 19271	ret	20000			6000.0	13017.3	20917.1	Planet Gear
Planet Gear	350A32-1082-03	ZF 19279	ret	20000			6000.0	13017.3	20917.1	Planet Gear
Planet Gear	350A32-1082-03	ZF 19512	ret	20000			6000.0	13017.3	20917.1	Planet Gear
MGB Oil Pump	350A32-0400-00	M2542	oh	3000			6000.0	1100.2	9000.0	MGB Oil Pump
MGB Oil Pump	350A32-0400-00	M2542	oh	8760	Days	15/09/2015	0.0	5489	25/02/2038	MGB Oil Pump
T/R D.Shaft Tube	350A34-1012-05	M4405	ret	9000			3000.0	400.2	8300.0	Assy 350A34-0210-06
D.Shaft Bearings	704A33-6511-81	N/A	ret	3600			7703.3	3403.5	11303.3	D.Shaft Bearings
D.Shaft Bearings	704A33-6511-81	N/A	ret	1825	Days	23/01/2020	0.0	706	21/01/2025	D.Shaft Bearings
T/R Gearbox	350A33-0200-06	MA2279	oh	3000			6600.0	1700.2	9600.0	T/R Gearbox
T/R Gearbox	350A33-0200-06	MA2279	oh	8760	Days	29/06/2016	0.0	6114	12/11/2039	T/R Gearbox
T/R Swashplate Bearing	704A33-651-210	NR5931	ret	3000			6600.0	100.2	8000.0	Assy 350A33-2030-00
T/R Blade Assembly	355A12-0050-12	20164	ret	4000			4500.0	600.2	8500.0	T/R Blade Assembly
T/R Half-Lamin Bearing	704A33633303	3T18H 726	ret	1200			7703.3	1003.5	8903.3	T/R Half-Lamin Bearing
T/R Half-Lamin Bearing	704A33633303	3T18H 726	ret	10 Year		15/07/2019	0.0	2054	30/09/2028	T/R Half-Lamin Bearing
T/R Half-Lamin Bearing	704A33633303	3T18H 738	ret	1200			7703.3	1003.5	8903.3	T/R Half-Lamin Bearing
T/R Half-Lamin Bearing	704A33633303	3T18H 738	ret	10 Year		15/07/2019	0.0	2054	30/09/2028	T/R Half-Lamin Bearing
T/R Half-Lamin Bearing	704A33633303	3T18H 740	ret	1200			7703.3	1003.5	8903.3	T/R Half-Lamin Bearing
T/R Half-Lamin Bearing	704A33633303	3T18H 740	ret	10 Year		15/07/2019	0.0	2054	30/09/2028	T/R Half-Lamin Bearing
T/R Half-Lamin Bearing	704A33633303	3T18H 745	ret	1200			7703.3	1003.5	8903.3	T/R Half-Lamin Bearing
T/R Half-Lamin Bearing	704A33633303	3T18H 745	ret	10 Year		15/07/2019	N/A	2054	30/09/2028	T/R Half-Lamin Bearing
TRGB Housing	350A33-1090-02	MA03060	ret	20000			6600.0	11901.7	19801.5	TRGB Housing
Bevel Gear	350A33-1000-21	L13974	ret	5500			6600.0	4200.2	12100.0	Bevel Gear
Bevel Wheel	350A33-1001-24	L12542	ret	16500			6600.0	15200.2	23100.0	Bevel Wheel
Output Shaft	350A33-1092-01	MA2642	ret	20000			6600.0	13401.7	21301.5	Output Shaft

HELIMECH LIMITED AIRCRAFT STATUS REPORT

Aircraft Reg	G-GGGR	Workpack File JXXXX	
Aircraft Type	AS350B3	A/C S/N	4064
Report Date	15/02/2023	AC HRS	7899.8

MAINTENANCE PROGRAMME REFERENCE: MP/02653/P ISSUE 2 REVISION 8

Aircraft Reg:	G-GGGR	Arriel 2B1 S/N 23200
Engine Hrs:	8999.8	
Engine Cyc A	9736.18	Cyc B 3982.56
Total A/f Cycles (TC)	14346	Landings 13382

Component/ Inspection	Part No	Ser No	ret o/h	Service life	A/C hrs @ install	Comp hrs @ install	Time Remaining	Hrs due removal	Component/ Inspection
TGB Control Lever	350A33-1526-00	MA68459	ret	20000	6600.0	1200.0	17500.2	25400.0	
Hyd Pump Drive Belt	704A33690008	N/A	ret	1800	7703.3	0.0	1603.5	9503.3	Hyd Pump Drive Belt
Hyd Pump Drive Belt	704A33690008	N/A	ret	2190	Days 23/01/2020	N/A	1072	22/01/2026	Hyd Pump Drive Belt
Hyd Pump Bearing	704A33-651-206	R/NA14793	ret	3600	7835.3	0.0	3535.5	11435.3	Hyd Pump Bearing
Hyd Pump Bearing	704A33-651-206	R/NA14793	ret	2190	Days 05/01/2022	N/A	1784	04/01/2028	Hyd Pump Bearing
Air Con Drive Belt	060018-1	NSN	ret	O/C	O/C	0.0	O/C	O/C	Air Conditioning Drive Belt
Trim Actuator	N/A	N/A	oh	5000	N/A	0.0	N/A	N/A	NA - No autopilot
Trim Actuator	N/A	N/A	oh	5000	N/A	0.0	N/A	N/A	NA - No autopilot
Starter Generator	515-030	1477	oh	1200	7780.0	0.0	1080.2	8980.0	Starter Generator
Starter Generator	515-030	1477	oh	5 Years	7780.0		1055	05/01/26	Starter Generator

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MAINTENANCE PROGRAMME REFERENCE: MP/02653/P ISSUE 2 REVISION 8

Component/ Inspection	Part No	Ser No	ret o/h	Service life	A/C hrs @ install	Comp hrs @ install	Time Remaining	Hrs due removal	Component/ Inspection		
Engine Components S/No 23476											
M01 Accessory Gearbox	70BM010030	1592	oh	3500	6000.0	0.0	1600.2	9500.0	M01 Accessory Gearbox		
M02 Axial Compressor	70BM022010	1604	oh	3500	6000.0	0.0	1600.2	9500.0	M02 Axial Compressor		
M03 Gas Generator	70BM032020	1615	oh	3500	6000.0	0.0	1600.2	9500.0	M03 Gas Generator		
M03 Gas Generator	70BM032020	1615	insp	5475	days	18/09/2015	2771	17/09/2030	M03 Gas Generator		
M03 HP Turbine Disc	2292260060	AZF6797UP	rety	17000	cy	7588.80	7474	7379	17115	M03 HP Turbine Disc	
M03 Centrifugal Impeller	292260010	2443OTT	ret	22000	cy	7588.80	7474	12379	22115	cyc	M03 Centrifugal Impellor
M03 Injector Wheel	2292260870	12100AD	ret	10000	cy	7588.80	0.0	7853	17589	cyc	M03 Injector Wheel
M04 Power Turbine	70BM041720	1582	oh	3500	6000.0	0.0	1600.2	9500.0			M04 Power Turbine
M04 Power Turbine Disc	2292810610	APJ2998XG	ret	22000	cy	3124.65	3125	18017.1	22000	cyc	M04 Power Turbine Disc
M04 Power Turbine Blade	229281A010	741785	ret	7000		6000.00	0	9017.4	13000		M04 Power Turbine Blade
M04 Power Turbine Blade	229281A010	741785	ret	10000	cy	3124.65	0	9142.1	13125	cyc	M04 Power Turbine Blade
M05 Reduction Gearbox	70BM052000	1613	oh	3500	6000.0	0.0	1600.2	9500.0			M05 Reduction Gearbox
Free Wheel Shaft Assy	0292900020	3745B	oh	3500	6000.0	0.0	1600.2	9500.0			Free Wheel Shaft
Free Wheel Shaft Assy	0292900020	3745B	oh	15 Years	30/07/2015	0.0	2721	29/07/2030			Free Wheel Shaft
HMU	0292862620	26327	oh	3000	6701.7	56.0	1745.9	9645.7			HMU
HMU	0292862620	26327	oh	3650	days	07/09/2016	0.0	1157	17/04/2026		HMU

REPETITIVE AD / ASB /SB REQUIREMENTS

AIRFRAME:

T/R Half-Lamin. Bearings	EASB 05.00.71R2		ALF INSP	ALF	AMP DAILY INSP	DAILY	EASA AD 2012-0257-E	
TRDS Forward Fairing	ASB 05.00.35		ALF INSP	ALF	AMP DAILY INSP	DAILY	DGAC AD 2000-340-080R2	
M/R upper pitch links	ASB 05.01.01	Para3.B.2.b	ALF INSP	ALF	AMP DAILY INSP	DAILY	EASA AD 2021-0048	
TRH PCU Bearing Spacer	ASB 05.01.03		10 HOUR	ALF	AMP DAILY INSP	DAILY	EASA AD 2021-0282	
TRDS Forward Fairing	ASB 05.00.35		100 HOUR	7835.3	35.5	7935.3	DGAC AD 2000-340-080R2	
TRDS at Bearing #4	DGAC AD F-2005-158		110 HOUR	7835.3	45.5	7945.3	EASA AD 2005-6222	
TRDS Bearings	ASB 01.00.70 R1		165 HOUR	7835.3	100.5	8000.3	EASA AD 2015-0195	
T/R Ctrl. Stop Screws	ASB 05.00.64R3		165 HOUR	N/A	NA POST MOD 074602	N/A	EASA AD 2011-0164R3	
Longitudinal Bulkheads	SB 05.00.67R1		165 HOUR	7835.3	100.5	8000.3	SB 05.00.67R1	
Electrical Harness	SB 05.00.98	Para3.B.2.a	165FH/12MTH	7892.6	12/01/23	157.8	8057.6	Next cal: 11/01/2024
Rear Frame Reinforce Angles	ASB 05.00.70R2		165 HOUR	7835.3	100.5	8000.3	EASA AD 2014-0076R3	
Lwr xbeam yaw ctrl b/crank support	SB 05.00.59R1		600 HOUR	7751.3	451.5	8351.3	SB 05.00.59R1	
Front lwr part of bottom structure	SB 05.00.78		600 HOUR	7751.3	451.5	8351.3	SB 05.00.78	
MGB Bevel Wheel Insp	ASB 05.01.04		825 HOUR				ASB 05.01.04	
Switches 53Ka/53Kb/65K	EASA AD 2017-0059	ASB 05.00.61 R3	660FH/12MTH	7892.6	12/01/23	652.8	8552.6	Next cal: 11/01/24
MGB Bracket Bolt Insp	EASA AD 2018-0152	ASB 05.00.92	600FH/24MTH	7835.3	05/01/22	535.5	8435.3	Next cal: 04/01/24
Fuel Tank Drain Control Cable	SB 05.00.76		600FH/24MTH	7835.3	05/01/22	535.5	8435.3	Next cal: 04/01/24
Bi-direct Suspension Xbeam	EASA AD 2015-0094	ASB 05.00.84	3300FH/60000TC	7703.3	12979TC	3103.5	11003.3	72979
Transponder Mode C+S	EASA SIB 2011-15R2		24 MONTH	05/01/22		323	04/01/24	EASA SIB 2011-15R2
Cargo Hook Kit Inspection	ICA 123-011-02 R24	Onboard Systems	100FH/12MTH	7892.6	12/01/23	92.8	7992.6	Next cal: 11/01/24
Load Cell Assy Inspection	ICA 123-011-02 R24	Onboard Systems	100FH/12MTH	7892.6	12/01/23	92.8	7992.6	Next cal: 11/01/24
Ryan TCAD Model 9900BX	ICA Doc W010807	Ryan	100FH/12MTH	7892.6	12/01/23	92.8	7992.6	Next cal: 11/01/24

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MAINTENANCE PROGRAMME REFERENCE: MP/02653/P ISSUE 2 REVISION 8

Aircraft Reg:	G-GGGR	Arriel 2B1 S/N 23200
Engine Hrs:	8999.8	
Engine Cyc A	9736.18	Cyc B 3982.56
Total A/f Cycles (TC)	14346	Landings 13382

Component/ Inspection	Part No	Ser No	ret o/h	Service life	A/C hrs @ install	Comp hrs @ install	Time Remaining	Hrs due removal	Component/ Inspection
Garmin GNC255A Nav/Comm	HL/MOD/1447 Issue 1	GAMA		12 MONTH	7892.6	12/01/23	330	11/01/24	HL/MOD/1447 Issue 1
Air Conditioning System	ICA IFSE-0007 Rev E-1	RSG Products		150FH/12MTH	7892.6	12/01/23	142.8	8042.6	Next cal: 11/01/24
Air Conditioning System	ICA IFSE-0007 Rev E-1	RSG Products		300 HOUR	7703.3		103.5	8003.3	Condenser motor brush chk
Fwd Opening Rear Cargo Door	EC ICA-ECL-141 Rev 5	EC CANADA		150FH/12MTH	7892.6	12/01/23	142.8	8042.6	Next cal: 11/01/24
Cargo Mirror	ICA-D350-561 Rev 1	Dart Aerospace		600FH/24MTH	7835.3	05/01/22	535.5	8435.3	Next cal: 04/01/24
Heli-Access Step	ICA-D350-591 Rev 6	Dart Aerospace		600FH/24MTH	7835.3	05/01/22	535.5	8435.3	Next cal: 04/01/24
Vertical Window (Reference)	ICA D350-567	Dart Aerospace		600 HOUR	7835.3		535.5	8435.3	ICA D350-567
Skid Tube Training Wearplate Kit	ICA D350-1023 Rev 2	Dart Aerospace		600FH/24MTH	7835.3	05/01/22	535.5	8435.3	Next cal: 04/01/24
Engine Air Inlet Filter System	1350-SERIES-ICA-1	Aerometals		12 MONTH	12/01/23		330	11/01/24	1350-SERIES-ICA-1
Engine Air Inlet Filter System	1350-SERIES-ICA-1	Aerometals		150 HOUR	7892.6		142.8	8042.6	1350-SERIES-ICA-1
Engine Air Inlet Filter System	1350-SERIES-ICA-1	Aerometals		300 HOUR	7703.3		103.5	8003.3	1350-SERIES-ICA-1
Console Assembly Inspection	ICA107-2 Rev C	Eagle Copters		144 MONTH	23/01/20		3263	22/01/32	ICA107-2 Rev C