

Maintenance Forecast Summary

Castle Air Ltd.
09-Oct-20 Iwona Wilczewska

Forecast In: Hours: 999999 Landings: 999999 Days: 999999 Forecast Date: 05-Sep-58

G-DIDO Helicopter, Agusta 109E TSN: 2213.60 LSN: 4547 SRP: 026/019181 Flown: 23-Jun-20

Aircraft												
ATA Ref No/Part No:	Description:	Serial No:	Position:	Alloc'd MI/Proj:	Hours Rem:	A/F Due Hours:	Cycles Rem:	A/F Due Ldgs:	Days Rem:	Date Due:	Compliance Within / Life Limits / Life Calculation:	
62 CA131	Check Torque MRH Ring Nut Bolts	11617			6.50	2220.10					N/A	10 Hours
CA389	25 Hour Main Rotor Damper Inspection	11617			20.30	2233.90					N/A	25 Hours
62 2007-0306-E Pt II	Main Rotor Blade Tip Cap P/N 709-0103-29-109 Inspection IAW EASA AD 2007-0306-E Pt II and A109E - BT109EP-85 A109C - BT109-12	L286	Red		20.50	2234.10					N/A	50 Hours
62 2007-0306-E Pt II	Main Rotor Blade Tip Cap P/N 709-0103-29-109 Inspection IAW EASA AD 2007-0306-E Pt II and A109E - BT109EP-85 A109C - BT109-12	J54081	White		20.50	2234.10					N/A	50 Hours
62 2007-0306-E Pt II	Main Rotor Blade Tip Cap P/N 709-0103-29-109 Inspection IAW EASA AD 2007-0306-E Pt II and A109E - BT109EP-85 A109C - BT109-12	L284	Yellow		20.50	2234.10					N/A	50 Hours
62 2007-0306-E Pt II	Main Rotor Blade Tip Cap P/N 709-0103-29-109 Inspection IAW EASA AD 2007-0306-E Pt II and A109E - BT109EP-85 A109C - BT109-12	L277	Blue		20.50	2234.10					N/A	50 Hours
72 CA505	50 Hour Compressor/Engine Wash	PCE-BC0475	No1 Engine		20.50	2234.10					N/A	50 Hours
72 CA505	50 Hour Compressor/Engine Wash	PCE-BC0478	No2 Engine		20.50	2234.10					N/A	50 Hours
72 PW206-012.	50 Hour LCF Cycle Readings	PCE-BC0475	No1 Engine		20.50	2234.10					N/A	50 Hours
72 PW206-012.	50 Hour LCF Cycle Readings	PCE-BC0478	No2 Engine		20.50	2234.10					N/A	50 Hours
63 109EP-160 Part II	OIL COOLER FAN ASSY P/N 109-0455-01-101 (TECHNOFAN P/N 4611047900 AMDT B) SPECIAL REGULAR INSPECTION AND BELT CHECK (TECHNOFAN P	104700933	LH		26.10	2239.70					N/K	200 Hours
63 109EP-160 Part II	OIL COOLER FAN ASSY P/N 109-0455-01-101 (TECHNOFAN P/N 4611047900 AMDT B) SPECIAL REGULAR INSPECTION AND BELT CHECK (TECHNOFAN P	104700983	RH		26.70	2240.30					N/K	200 Hours
72 PW206-01	150 Hour Engine Power Assurance Check	PCE-BC0475	No1 Engine		27.70	2241.30					N/A	150 Hours

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72	PW206-01	150 Hour Engine Power Assurance Check	PCE-BC0478	No2 Engine	27.70	2241.30		N/A			150 Hours	
12	A109E 50Hr / 30 Day AOC	A109E 50Hr/30Day AOC	11617		50.00	2263.60		N/A	-1	08-Oct-20	50 Hours, 30 Days	
67	Service E01	50 Hour / 3 Month Swashplate	L50	M/R Hub	50.00	2263.60		N/A	60	08-Dec-20	50 Hours, 3 Months	
62	AW-01	100 Hour M/R Elastomeric Bearing Inspection	11617		70.50	2284.10		N/A			100 Hours	
64	CA046	100 Hour Tail Rotor Assy Dynamic Balance	11617		70.50	2284.10		N/A			100 Hours	
21	OPT EQU 17	100 Hour ECS Heat Exchanger	11617		70.50	2284.10		N/A			100 Hours	
62	CA208	150 Hour Main Rotor Damper	11617		77.10	2290.70		N/A			150 Hours	
63	109EP-160 Part I [Part: Pt I 200Hr]	OIL COOLER FAN ASSY P/N 109-0455-01-101 (TECHNOFAN P/N 4611047900 AMDT B) SPECIAL REGULAR INSPECTION AND BELT CHECK (TECHNOFAN P	104700933	LH	77.70	2291.30		N/K			200 Hours	
12	A109E 200 Hour AOC	A109E 200 Hour AOC	11617		77.70	2291.30		N/A			200 Hours	
64	AW-02	200 Hour Tail Rotor Elastomeric Bushings Inspection	K66M	T/R Hub	77.70	2291.30		N/A			200 Hours	
65	Service E06	300 Hour T/R Drive Shaft Bearing Grease.	11617		80.50	2294.10		N/A			300 Hours	
65	Service E02	100 Hour / 6 Month T/ R Gearbox Oil replacement	11617		96.50	2310.10		N/A	74	22-Dec-20	100 Hours, 6 Months	
12	A109E 800 Hour AOC	A109E 800 Hour AOC	11617		136.30	2349.90		N/A			800 Hours	
73	PW206-07	800 Hour Fuel Filter	PCE-BC0475	No1 Engine	136.30	2349.90		N/A			800 Hours	
73	PW206-07	800 Hour Fuel Filter	PCE-BC0478	No2 Engine	136.30	2349.90		N/K			800 Hours	
72	PW206-08	800 Hour Oil Filter	PCE-BC0475	No1 Engine	136.30	2349.90		N/A			800 Hours	
72	PW206-08	800 Hour Oil Filter	PCE-BC0478	No2 Engine	136.30	2349.90		N/K			800 Hours	
12	PW206C 800 Hour	PW206C 800 Hour	PCE-BC0475	No1 Engine	136.30	2349.90		N/A			800 Hours	
12	PW206C 800 Hour	PW206C 800 Hour	PCE-BC0478	No2 Engine	136.30	2349.90		N/K			800 Hours	
26	109EP-152 [Part: Repetitive]	FIRE EXTINGUISHER BOTTLE P/N 27300-1 - Provide the necessary instructions to perform a visual inspection of the Bypass Outlet A	0773	Port	170.50	2384.10		N/K	138	24-Feb-21	200 Hours, 12 Months	

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26 109EP-152 [Part: Repetitive]	FIRE EXTINGUISHER BOTTLE P/N 27300-1 - Provide the necessary instructions to perform a visual inspection of the Bypass Outlet A	0639	Starboard		170.50	2384.10		N/A	138	24-Feb-21	200 Hours, 12 Months	
26 2016-0261 [Part: Repeat]	Fire Protection - Fire Extinguisher Bottles - Inspection/Replacement (BT109EP-152, BT109S-073 & BT109SP-108)	0639	Starboard		170.50	2384.10		N/A	138	24-Feb-21	200 Hours, 12 Months	
26 2016-0261 [Part: Repeat]	Fire Protection - Fire Extinguisher Bottles - Inspection/Replacement (BT109EP-152, BT109S-073 & BT109SP-108)	0773	Port		170.50	2384.10		N/K	138	24-Feb-21	200 Hours, 12 Months	
67 109EP-166 [Part: <2400]	MIXING CONTROL SYSTEM RIGID CONNECTING LINK P/N 109-0032-01-13/-17/-29, INSPECTION OF	11617			186.40	2400.00		N/A			2400 Hours	
67 2018-0280 [Part: >2400FH]	Rotors Flight Control – Mixing Control System Rigid Connecting Link – Inspection	11617			186.40	2400.00		N/K			10 Hours, 30 Days	
CA497	200 Hour M/R Duplex Bearing Grease Extrusion Check	11617			195.30	2408.90		N/A			200 Hours	
29 Service E010	200 Hour / 12 Month Utility Hyd System Accumulators	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
29 Service E011	200 Hour / 12 Month Servo Hyd System Accumulators	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
67 Service E012	200 Hour / 12 Month Main Rotor Servo Actuators	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
55 Service E013	200 Hour / 12 Month Elevator Half Fitting Bolts	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
32 Service E07	200 Hour / 12 Month Main L/G Torque Links	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
32 Service E08	200 Hour / 12 Month Nose L/G Strut & Steering Support	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
32 Service E09	200 Hour / 12 Month L/G Tyres	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
79 UNSCHED-E010	200 Hour / 12 Month Chip Detectors	11617			196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
63 UNSCHED-E011	200 Hour / 12 Month Main T/X Fittings	K35	Main T/X		196.50	2410.10		N/A	256	22-Jun-21	200 Hours, 12 Months	
72 PW206-09	900 Hour Fuel Nozzle Clean	PCE-BC0478	No2 Engine		236.30	2449.90		N/K			900 Hours	

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72	PW206-09	900 Hour Fuel Nozzle Clean	PCE-BC0475	No1 Engine	236.30	2449.90		N/A			900 Hours	
64	Service E015	400 Hour / 24 Month T/R Duplex Bearing.	K66M	T/R Hub	247.90	2461.50		N/A	26	! 04-Nov-20	400 Hours, 24 Months	
67	UNSCHED-E012	400 Hour / 24 Months Swashplate Duplex Bearing	11617		247.90	2461.50		N/A	26	! 04-Nov-20	400 Hours, 24 Months	
24	109EP-41	Functional test of the emergency bus bars relay (K7212)	11617		270.50	2484.10		N/A	137	23-Feb-21	300 Hours, 365 Days	
12	A109E 400 Hour AOC	A109E 400 Hour AOC	11617		277.70	2491.30		N/A			400 Hours	
63	UNSCHED-E03	1200 Hour L/H & R/H Freewheel Units	K35	Main T/X	294.20	2507.80		N/K			1200 Hours	
52	UNSCHED-E05	1200 Hour Cabin Sliding Door Latch Mechanism	11617		295.40	2509.00		N/A			1200 Hours	
28	MISC-04	400 Hour / 12 Month Airframe Fuel Filter Replacement	11617		370.50	2584.10		N/A	138	24-Feb-21	400 Hours, 12 Months	
67	Service E014	400 Hour / 12 Month Main & Tail Rotor Servo Actuator Levers	11617		370.50	2584.10		N/A	138	24-Feb-21	400 Hours, 12 Months	
63	Service E04	400 Hour / 12 Month T/X Oil and Filter	K35	Main T/X	370.50	2584.10		N/A	138	24-Feb-21	400 Hours, 12 Months	
21	OPT EQU 09	600 Hour ECS Turbine Blower	11617		527.10	2740.70		N/A			600 Hours	
79	MISC-05	800 Hour / 2 Year Toothed Belt Replacement	11913	RH	677.70	2891.30		N/K	115	01-Feb-21	800 Hours, 2 Years	
79	MISC-05	800 Hour / 2 Year Toothed Belt Replacement	11939	LH	677.70	2891.30		N/K	115	01-Feb-21	800 Hours, 2 Years	
65	UNSCHED-E07	1600 Hour Tail Rotor Gearbox Internal Inspection.	11617		694.20	2907.80		N/K			1600 Hours	
63	109EP-128 [Part: P111-1600H]	Inspection of Gleason Crown P/N 109-0403-07-103	K35	Main T/X	695.20	2908.80		N/K			1600 Hours	
0	2015-0096 [Part: (3)]	Main Rotor Drive - Main Gear Box / Gleason Crown - Inspection / Replacement	K35	Main T/X	695.20	2908.80		N/K			1600 Hours	
32	Service E016	1600 Hour Nose and Main Landing Gear Shockstruts	11617		936.30	3149.90		N/A			1600 Hours	
29	UNSCHED-E06	1600 Hour Servo Hydraulic System	11617		936.30	3149.90		N/A			1600 Hours	
12	A109E 3200 AOC	A109E 3200 Hour AOC	11617		986.40	3200.00		N/K			3200 Hours	
63	UNSCHED-E023	3200 Hour Main Transmission Inspection	K35	Main T/X	986.40	3200.00		N/K			3200 Hours	
31	UNSCHED-E025	1200Hr/24Mth Dukane ULB Inspection	11617		1170.50	3384.10		N/A	503	24-Feb-22	1200 Hours, 24 Months	
72	28239R4	Turboshaft Engine - Power turbine Blades Retaining Rivet with Collar - Introduction Of	TM-BC0478	No2	1286.40	3500.00		N/K			3500 Hours	

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72 28239R4	Turboshaft Engine - Power turbine Blades Retaining Rivet with Collar - Introduction Of	TM-BC0475	No1		1286.40	3500.00			N/K		3500 Hours	
72 28281	Turboshaft Engine: Turbine Exhaust Nozzle Assembly - Rework / Replacement Of	TM-BC0475	No1		1286.40	3500.00			N/K		3500 Hours	
72 28281	Turboshaft Engine: Turbine Exhaust Nozzle Assembly - Rework / Replacement Of	TM-BC0478	No2		1286.40	3500.00			N/K		3500 Hours	
72 28282	No.1 Bearing Retaining Nut - Replacement Of (Engines Pre-SB28288 only).	PCE-BC0475	No1 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28282	No.1 Bearing Retaining Nut - Replacement Of (Engines Pre-SB28288 only).	PCE-BC0478	No2 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28283R3	Turboshaft Engine - Combustion Chamber Liner - Replacement Of	TM-BC0478	No2		1286.40	3500.00			N/K		3500 Hours	
72 28283R3	Turboshaft Engine - Combustion Chamber Liner - Replacement Of	TM-BC0475	No1		1286.40	3500.00			N/K		3500 Hours	
72 28285	Compressor Turbine Stator Assy - Replacement Of	PCE-BC0478	No2 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28285	Compressor Turbine Stator Assy - Replacement Of	PCE-BC0475	No1 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28298	Turboshaft Engine - Combustion Chamber Liner Assembly - Replacement Of. Recommended at next engine disassembly.	TM-BC0475	No1		1286.40	3500.00			N/K		3500 Hours	
72 28298	Turboshaft Engine - Combustion Chamber Liner Assembly - Replacement Of. Recommended at next engine disassembly.	TM-BC0478	No2		1286.40	3500.00			N/K		3500 Hours	
72 28299	Turboshaft Engine - Castling Wall Thickness, Front RGB Housing - Inspection of.	PCE-BC0478	No2 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28299	Turboshaft Engine - Castling Wall Thickness, Front RGB Housing - Inspection of.	PCE-BC0475	No1 Engine		1286.40	3500.00			N/K		3500 Hours	

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72 28339	NO. 2 BALL BEARING, RGB - REPLACEMENT OF	PCE-BC0475	No1 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28339	NO. 2 BALL BEARING, RGB - REPLACEMENT OF	PCE-BC0478	No2 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28353	Turboshaft Engine - Turbine Exhaust Nozzle - Replacement / Modification of	PCE-BC0475	No1 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28353	Turboshaft Engine - Turbine Exhaust Nozzle - Replacement / Modification of	PCE-BC0478	No2 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28362	Turboshaft Engine - Housings for Reduction Gearbox and No8 Bearing - Identification of.	PCE-BC0478	No2 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28362	Turboshaft Engine - Housings for Reduction Gearbox and No8 Bearing - Identification of.	PCE-BC0475	No1 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28363	Turboshaft Engine - T6 Immersion Thermocouple Assembly - Replacement of.	PCE-BC0475	No1 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28363	Turboshaft Engine - T6 Immersion Thermocouple Assembly - Replacement of.	PCE-BC0478	No2 Engine		1286.40	3500.00			N/K		3500 Hours	
72 28375	Fuel Management Module - Replacement/Modification of	13745465	No1		1786.40	4000.00			N/K		4000 Hours	
72 28375	Fuel Management Module - Replacement/Modification of	13757594	No2		1786.40	4000.00			N/K		4000 Hours	
12 A109E 2400 Hour AOC	A109E 2400Hr AOC	11617			2396.50	4610.10			N/A		2400 Hours	
72 21877	Alternator Pad Cover (Option) - Introduction Of	PCE-BC0478	No2 Engine		2593.80	4807.40			N/K		3500 Hours	
72 21877	Alternator Pad Cover (Option) - Introduction Of	PCE-BC0475	No1 Engine		2595.40	4809.00			N/K		3500 Hours	
62 UNSCHED-E08	2400 Hour Main Rotor / Main Rotor Controls Inspection	LK4121	M/R Hub		2993.20	5206.80			N/K		2400 Hours	
53 109EP-158 Part II [Part: 2]1500LdgR]	LEFT AND RIGHT COUNTERTORQUE CROSSBEAM FITTING PLATE ASSEMBLIES P/N 109-0330-17 INSPECTION OF.	11617				N/A	884	5431			1500 Landings	

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72 A28280R5	Turboshaft Engine - Retaining Nut, Compressor Turbine Disc - Inspection / Replacement Of. Includes compliance with Transport Can	A001H3T1	No2			N/K	1025	5572			4000 Landings	
72 A28280R5	Turboshaft Engine - Retaining Nut, Compressor Turbine Disc - Inspection / Replacement Of. Includes compliance with Transport Can	A001FYEE	No1			N/K	1179	5726			4000 Landings	
72 CA494	Engine Anti-Deterioration Run - P&WC 200 & PT6 Series	PCE-BC0478	No2 Engine			N/K		N/K	-3	06-Oct-20	28 Days	
72 CA494	Engine Anti-Deterioration Run - P&WC 200 & PT6 Series	PCE-BC0475	No1 Engine			N/K		N/K	-3	06-Oct-20	28 Days	
26 CA032	5 Year Eng Bay Fire Ext Hydrostatic Test	0773	Port			N/K		N/K	26	04-Nov-20	1825 Days	
01 Aircraft Insurance	Aircraft Insurance Expiry	11617				N/K		N/K	52	30-Nov-20	12 Months	
26 OPT EQU 010-	3 Year Bottle Cartridge Bridgewire Resistance Check	0593-2	N/A			N/K		N/K	115	01-Feb-21	3 Years	
26 OPT EQU 010-	3 Year Bottle Cartridge Bridgewire Resistance Check	AEM0102	N/A			N/K		N/K	115	01-Feb-21	3 Years	
01 Avionic Survey	Avionics Full P/N & S/N Check	11617				N/K		N/K	135	21-Feb-21	3 Years	
12 A109/A119 12Mth Corrosion	12 Month Corrosion Inspection	11617				N/A		N/A	138	24-Feb-21	1 Years	
12 A109E 12 Month AOC	A109E 12 Month AOC	11617				N/A		N/A	138	24-Feb-21	12 Months	
95 OPT EQU 07	12 Month ELT	03562	Tail Boom			N/K		N/K	138	24-Feb-21	12 Months	
12 PW206C 12 Month	PW206C 12 Month	PCE-BC0478	No2 Engine			N/A		N/A	138	24-Feb-21	12 Months	
12 PW206C 12 Month	PW206C 12 Month	PCE-BC0475	No1 Engine			N/A		N/A	138	24-Feb-21	12 Months	
18 SPECIAL 08	12 Month Vibration Absorber Inspection	11617				N/A		N/A	138	24-Feb-21	12 Months	
04 CA016	3 Year ARC Issue	11617				N/A		N/A	203	30-Apr-21	3 Years	
04 CA226	1 Year ARC Extension	11617				N/A		N/A	203	30-Apr-21	365 Days	
01 Radio Licence	Radio Licence Renewal Required	11617				N/K		N/K	264	30-Jun-21	3 Years	
05 A109E Radio 24 Mth	A109E Radio 24 Month Inspection	11617				N/K		N/K	503	24-Feb-22	24 Months	
34 CA004-2 Yr	Compass Systems Check Swing	11617				N/K		N/K	503	24-Feb-22	2 Years	
24 CA546	2Yr Circuit Breaker Check	11617				N/A		N/A	503	24-Feb-22	2 Years	
31 UNSCHED-E019	2 Yr Clock battery replacement	11617				N/A		N/A	699	08-Sep-22	2 Years	
26 OPT EQU 010-	3 Year Bottle Cartridge Bridgewire Resistance Check	0602-2	N/A			N/A		N/A	868	24-Feb-23	3 Years	

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26	OPT EQU 010- CA344	3 Year Bottle Cartridge Bridgewire Resistance Check 4 Year Aircraft Weigh	0602-1 11617	N/A		N/A		N/A 868	24-Feb-23 3 Years
95	CA029	ELT Battery Replace	03562	Tail Boom		N/A		N/A 1300	27-May-23 4 Years 01-May-24 5 Years
26	CA032	5 Year Eng Bay Fire Ext Hydrostatic Test	0639	Starboard		N/A		N/A 1402	11-Aug-24 1825 Days
79	MISC-01	12 Year Eng Bay Fire Ext Cartridges Replacement	0602-1	N/A		N/A		N/A 2090	30-Jun-26 12 Years
79	MISC-01	12 Year Eng Bay Fire Ext Cartridges Replacement	0593-2	N/A		N/A		N/A 2090	30-Jun-26 12 Years
79	MISC-01	12 Year Eng Bay Fire Ext Cartridges Replacement	0602-2	N/A		N/A		N/A 2090	30-Jun-26 12 Years
79	MISC-01	12 Year Eng Bay Fire Ext Cartridges Replacement	AEM0102	N/A		N/A		N/A 2711	12-Mar-28 12 Years

Components		Alloc'd	Hours	A/F Due	Cycles	A/F Due	Days	Date	Compliance Within / Life Limits /
ATA Ref No/Part No:	Description:	Serial No:	Position:	MI/Proj:	Rem:	Hours:	Rem:	Ldgs: Rem:	Due: Life Calculation:
62	109-0111-02-101	Hub Assy	L50	M/R Hub		N/A		N/A	
62	109-0111-03-113	Main Rotor Yoke	135413	M/R Hub	22786.40	25000.00		N/A	Scrap Hours: 25000
1	109-0111-06-103	Damper	1975	M/R Hub	236.90	2450.50		N/A	Scrap Hours: 2400, TBO/I: 600
1	109-0111-06-103	Damper	1974	M/R Hub	236.90	2450.50		N/A	Scrap Hours: 2400, TBO/I: 600
24	160SG139Q-2	Generator	3198XL2	RH	371.00	2584.60		N/A	TBO/I: 1000
1	109-0111-06-103	Damper	2637	M/R Hub	476.40	2690.00		N/A	Scrap Hours: 2400, TBO/I: 600
24	160SG139Q-2	Generator	2794XL2	LH	529.90	2743.50		N/A	TBO/I: 1000
1	109-0111-06-103	Damper	00839	M/R Hub	535.50	2749.10		N/A	Scrap Hours: 2400, TBO/I: 600
1	109-0455-09-103	Fan Belt	11913	RH	677.70	2891.30		N/A 115 Scrp	01-Feb-21 Scrap Hours: 800, Scrap: 2 Years
1	109-0455-09-103	Fan Belt	11939	LH	677.70	2891.30		N/A 115 Scrp	01-Feb-21 Scrap Hours: 800, Scrap: 2 Years
64	109-0162-02-103	Tail Rotor Hub Assy	K66M	T/R Hub		N/A		N/A	
65	109-0440-01-121	90 Degree Gearbox	J133748	Tailboom	786.40	3000.00		N/A	TBO/I: 3000
1	109-0131-06-101	Hub	J143308	T/R Hub	786.40	3000.00		N/A	Scrap Hours: 3000
65	109-0433-01-107	Pinion	H130544	T/R Gearbox	3386.40	5600.00		N/A	Scrap Hours: 5600
72	3120020-01	Engine	PCE-BC0478	No2 Engine	1286.40	3500.00		N/A	TBO/I: 3500
72	3120020-01	Engine	PCE-BC0475	No1 Engine	1286.40	3500.00		N/A	TBO/I: 3500
72	3045896-05	Fuel Management Modu	13757594	No2	1786.40	4000.00		N/A	TBO/I: 4000

Maintenance Forecast Summary

Castle Air Ltd.
09-Oct-20 Iwona Wilczewska

Forecast In: Hours: 999999 Landings: 999999 Days: 999999 Forecast Date: 05-Sep-58

G-DIDO Helicopter, Agusta 109E TSN: 2213.60 LSN: 4547 SRP: 026/019181 Flown: 23-Jun-20

Components

ATA Ref No/Part No:	Description:	Serial No:	Position:	Alloc'd MI/Proj:	Hours Rem:	A/F Due Hours:	Cycles Rem:	A/F Due Ldgs:	Days Rem:	Date Due:	Compliance Within / Life Limits / Life Calculation:
72 3058551-01	TM Module	TM-BC0478	No2		1286.40	3500.00					TBO/I: 3500
72 3045896-05	Fuel Management Modu	13745465	No1		1786.40	4000.00					TBO/I: 4000
72 3058551-01	TM Module	TM-BC0475	No1		1286.40	3500.00					TBO/I: 3500
72 3059394-01	RGB	RGB-BC0475	No1		1286.40	3500.00					TBO/I: 3500
72 3059394-01	RGB	RGB-BC0478	No2		1286.40	3500.00					TBO/I: 3500
72 3044188-01	Power Turbine	A001H3W0	No2			N/A	11358	15905			Scrap Cycles: 15000
72 3044188-01	Power Turbine	A001HILX	No1			N/A	11355	15902			Scrap Cycles: 15000
67 109-0040-51-103	Servo Actuator	1206	Tail Boom		1351.10	3564.70					Scrap Hours: 20000, TBO/I: 1800
27 109-0110-42-124	Main Servo	3063	Red		1351.10	3564.70					Scrap Hours: 20000, TBO/I: 1800
27 109-0110-42-125	Servo	5237	Yellow		1351.10	3564.70					Scrap Hours: 20000, TBO/I: 1800
27 109-0110-42-126	Main Servo	7069	Blue		1351.10	3564.70					Scrap Hours: 20000, TBO/I: 1800
1 109-8131-07-1	Retention	V1621	T/R Hub		1351.10	3564.70					Scrap Hours: 1800
1 109-8131-07-1	Retention	110243	T/R Hub		1351.10	3564.70					Scrap Hours: 1800
27 109-0200-02-301	Elevator L/H	A7 0443	LH		2186.40	4400.00					Scrap Hours: 4400
1 109-0823-29-105	Vibration Absorber	MO0260	LH		2200.80	4414.40					Scrap Hours: 3200
1 109-0823-29-106	Vibration Absorber	MO0284	RH		2200.80	4414.40					Scrap Hours: 3200
63 109-0400-03-109	Main Transmission	K35	Main T/X		2586.40	4800.00					TBO/I: 4800
63 109-0402-24-9	Cover	S92663	Main T/X		30786.40	33000.00					Scrap Hours: 33000
1 109-0110-90-107	Bolt	J125432	Swashplate		2786.40	5000.00					Scrap Hours: 5000
1 109-0110-90-107	Bolt	J125431	Swashplate		2786.40	5000.00					Scrap Hours: 5000
27 109-0210-03-13	Clamp	617	RH		2786.40	5000.00					Scrap Hours: 5000
27 109-0210-03-13	Clamp	602	LH		2786.40	5000.00					Scrap Hours: 5000
21 5833C000-001	Environmental Assy	1217	N/A			N/A					
64 109-8131-06-1	Plug	K8	T/R Hub		2786.40	5000.00					Scrap Hours: 5000
64 109-8131-06-1	Plug	K10	T/R Hub		2786.40	5000.00					Scrap Hours: 5000
64 109-8131-08-1	Spring	J119938	T/R Hub		2786.40	5000.00					Scrap Hours: 5000
64 109-8131-08-1	Spring	J119939	T/R Hub		2786.40	5000.00					Scrap Hours: 5000
21 1538D000-003	Turbine Blower	1082	T/X Deck		2786.40	5000.00					TBO/I: 5000
64 709-0160-47-101	Bolt	R3869	T/R Hub		3722.50	5936.10					Scrap Hours: 5000
63 109-0403-05-111	Pinion	K8	Main T/X		3886.40	6100.00					Scrap Hours: 6100
64 709-0160-47-101	Bolt	2026	T/R Hub		4877.70	7091.30					Scrap Hours: 5000
63 109-0403-04-3	Gear	K9	Main T/X		6086.40	8300.00					Scrap Hours: 8300

Maintenance Forecast Summary

Castle Air Ltd.

09-Oct-20 Iwona Wilczewska

Forecast In: Hours: 999999 Landings: 999999 Days: 999999 Forecast Date: 05-Sep-58

G-DIDO Helicopter, Agusta 109E TSN: 2213.60 LSN: 4547 SRP: 026/019181 Flown: 23-Jun-20

Components

ATA Ref No/Part No:	Description:	Serial No:	Position:	Alloc'd MI/Proj:	Hours Rem:	A/F Due Hours:	Cycles Rem:	A/F Due Days Ldgs:	Date Due:	Compliance Within / Life Limits / Life Calculation:
62	109-0111-05-121	Grip	J160445	M/R Hub	7786.40	10000.00		N/A		Scrap Hours: 10000
62	109-0111-05-121	Grip	L185	M/R Hub	7786.40	10000.00		N/A		Scrap Hours: 10000
62	109-0111-05-121	Grip	L179	M/R Hub	7786.40	10000.00		N/A		Scrap Hours: 10000
62	109-0111-05-121	Grip	L183	M/R Hub	7786.40	10000.00		N/A		Scrap Hours: 10000
63	109-0405-76-107	Shaft	J63286	Main T/X	7786.40	10000.00		N/A		Scrap Hours: 10000
65	109-0443-01-103	Crown	J22222	T/R Gearbox	7786.40	10000.00		N/A		Scrap Hours: 10000
65	109-0130-60-109	Arm Rocker	MOR2651	N/A	15808.80	18022.40		N/A		Scrap Hours: 16000
67	109-0040-47-1	Link	11617-1	Tailboom	18749.50	20963.10		N/A		Scrap Hours: 20000
67	109-0040-47-1	Link	11617-2	Tailboom	18749.50	20963.10		N/A		Scrap Hours: 20000
27	109-0040-48-117	Lever	11617	Tailboom	18749.50	20963.10		N/A		Scrap Hours: 20000
27	109-0040-49-5	Support	11617	Tailboom	18749.50	20963.10		N/A		Scrap Hours: 20000
62	709-0103-01-109	Blade Assy	J54081	White	22311.20	24524.80		N/A		Scrap Hours: 25000
62	709-0103-01-109	Blade Assy	L277	Blue	22786.40	25000.00		N/A		Scrap Hours: 25000
62	709-0103-01-109	Blade Assy	L284	Yellow	22786.40	25000.00		N/A		Scrap Hours: 25000
62	709-0103-01-109	Blade Assy	L286	Red	22801.90	25015.50		N/A		Scrap Hours: 25000
64	709-0160-48-101	Tail Rotor Blade	P1453	T/R Hub	23748.50	25962.10		N/A		Scrap Hours: 25000
64	709-0160-48-101	Tail Rotor Blade	P1454	T/R Hub	23748.50	25962.10		N/A		Scrap Hours: 25000
67	109-0111-08-105	Pitch Lever	K141	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
67	109-0111-08-105	Pitch Lever	K140	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
67	109-0111-08-105	Pitch Lever	K109	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
67	109-0111-08-105	Pitch Lever	K138	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121949	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121950	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121952	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121948	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121955	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121953	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121954	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
1	109-8101-47-109	MRH Blade Bolt	J121951	M/R Hub	27786.40	30000.00		N/A		Scrap Hours: 30000
63	109-0325-03-113	Rod Assy	MO.040	LH Aft	28786.40	31000.00		N/A		Scrap Hours: 31000
63	109-0325-03-113	Rod Assy	MO.039	RH Aft	28786.40	31000.00		N/A		Scrap Hours: 31000
1	109-0110-05-101	Swashplate Support	L62	Swashplate	31786.40	34000.00		N/A		Scrap Hours: 34000

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Castle Air Ltd.
09-Oct-20 Iwona Wilczewska

Forecast In: Hours: 999999 Landings: 999999 Days: 999999 Forecast Date: 05-Sep-58

G-DIDO Helicopter, Agusta 109E TSN: 2213.60 LSN: 4547 SRP: 026/019181 Flown: 23-Jun-20

Components

ATA Ref No/Part No:	Description:	Serial No:	Position:	Alloc'd MI/Proj:	Hours Rem:	A/F Due Hours:	Cycles Rem:	A/F Due Days Ldgs:	Days Rem:	Date Due:	Compliance Within / Life Limits / Life Calculation:
1	109-0325-08-109	Bracket	K215	LH Aft	38786.40	41000.00			N/A		Scrap Hours: 41000
1	109-0325-08-109	Bracket	K216	RH Fwd	38786.40	41000.00			N/A		Scrap Hours: 41000
1	109-0325-08-109	Bracket	K217	RH Aft	38786.40	41000.00			N/A		Scrap Hours: 41000
1	109-0325-08-109	Bracket	K240	LH Fwd	38786.40	41000.00			N/A		Scrap Hours: 41000
27	109-0200-02-302	Elevator RH	A7 0445	RH	46786.40	49000.00			N/A		Scrap Hours: 49000
1	109-0435-31-1	Sleeve	C050482	T/R Gearbox	49094.20	51307.80			N/A		Scrap Hours: 50000
72	3048999-01	Comp Turbine Disc	A001H3T1	No2		N/A	7025	11572			Scrap Cycles: 10000
72	3048999-01	Comp Turbine Disc	A001FYEE	No1		N/A	7179	11726			Scrap Cycles: 10000
72	3058672-01	Impeller	A001FXH1	No2		N/A	13094	17641			Scrap Cycles: 15000
72	3058672-01	Impeller	A001FNAW	No1		N/A	13144	17691			Scrap Cycles: 15000
32	109-0503-44-103	Nose Gear	0136	Nose L/G		N/A	35453	40000			Scrap Cycles: 40000
1	27300-1	Extinguisher	0773	Port		N/A			N/A	28 Insp 06-Nov-20	Insp: 5 Years
26	30600-22	Cartridge	0593-2	N/A		N/A			N/A	2087 Scrp 27-Jun-26	Scrap: 4380 Days
24	2778-1	Battery	R02321	Nose Bay		N/A			N/A	253 O/H 19-Jun-21	O/H: 12 Months
01	DK120-90	Locator Beacon	AT 47149	Tailboom		N/A			N/A	844 Insp 31-Jan-23	Insp: 6 Years
1	453-5001-232	ELT	03562	Tail Boom		N/A			N/A		
95	452-0133	ELT Battery Pack	CHECK S/N.	Tail Boom		N/A			N/A	1300 Scrp 01-May-24	Scrap: 5 Years
1	BA23792-1	Fire	092276	Cabin		N/A			N/A	1331 Scrp 01-Jun-24	Scrap: 10 Years
1	27300-1	Extinguisher	0639	Starboard		N/A			N/A	1404 Insp 13-Aug-24	Insp: 5 Years
26	30600-22	Cartridge	0602-1	N/A		N/A			N/A	2087 Scrp 27-Jun-26	Scrap: 4380 Days
26	30600-22	Cartridge	0602-2	N/A		N/A			N/A	2087 Scrp 27-Jun-26	Scrap: 4380 Days
26	30600-22	Cartridge	AEM0102	N/A		N/A			N/A	2711 Scrp 12-Mar-28	Scrap: 4380 Days