

COMPONENT FORECAST

Aircraft Type: AS 350 B2

Date: 26-Feb-24

Aircraft Registration: G-OGUN

Serial Number: 3187

Aircraft Hours: 3165.8

Engine Hours: 6439.0

Landings:	7745
Cycles NG	8172.00
Cycles NF	9087.00

Component	Part Number	Serial Number	Finite Life			T.B.O	Installation Details			Component Total Time at Installation	Life Remaining at Installation	Component Due At	Life Remaining At Current A/C Time	
			Hours	Cycles	Calender		Hours	Cycles	Date					
ATA 21-51 OPT- AIR CONDITIONING														
NONE FITTED														
ATA 22-10 OPT-TRIM ACTUATOR DETECTION														
Trim Actuator	Various		No life listed			5000	No life listed					No life listed	H	
			No life listed			5000	No life listed					No life listed	H	
ATA 24-31 BATTERY														
Battery	1606-1	B06484										Battery lifed "ON CONDITION"		
ATA 25-00 EQUIPMENT AND FURNISHINGS														
Pilot Belt	Not Known	N.S.N				3653						N/A Amsafe	C	
Pilot Belt	Not Known	N.S.N				3653						N/A Amsafe	C	
3 Point Harness	Not Known	N.S.N				3653						N/A P/N:349 fitted	C	
3 Point Harness	Not Known	N.S.N				3653						N/A P/N:349 fitted	C	
3 Point Harness	Not Known	N.S.N				3653						N/A P/N:349 fitted	C	
3 Point Harness	Not Known	N.S.N				3653						N/A P/N:349 fitted	C	
Harness	Not Known	N.S.N				3653						N/A P/N:349 fitted	C	
law 04-10-00 pg 1 Check of life limit is applicable by Buckles														
ATA 25-62 OPT EMERGENCY FLOATATION GEAR														
Cylinder	200740-2					5475			0			NOT FITTED	C	
						5475			0			NOT FITTED	C	
Left Hand Float	200733-0					3650			0			NOT FITTED	C	
Float cover						3650			0			NOT FITTED	C	
Right Hand Float	200734-0					3650			0			NOT FITTED	C	
Float cover						3650			0			NOT FITTED	C	
ATA 25-63 OPT ELECTRIC HOIST														
NONE FITTED														
ATA 25-66 OPT EMERGENCY LOCATOR TRANSMITTER														
ELT (Battery is lifed)	S1820506-010					2113			0	18-Dec-17	0.0	2113	01-Oct-23 -148	C

Component	Part Number	Number	Hours	Cycles	Calendar	T.D.C	Hours	Cycles	Date	Total Time at Installation	at Installation	Due At	At Current A/C Time	
ATA 25-80 OPT SIING AND ACCESSORY														
NONE FITTED														
ATA 25-81 OPT SWING AND ACCESSORY														
NONE FITTED														
ATA 26-22 CABIN FIRE EXTINGUISHER														
Cabin Fire Extinguisher	S26A10T1001	ACW05488			3650			0	18-Nov-20	0	3650	16-Nov-30	2455	C
ATA 28-20 FUEL DISTRIBUTION														
Fuel Pump	P94B12209	E17922		OC									OC	
Fuel Pump	P94B12209	21141		OC									OC	
ATA 28-41 FUEL FLOW CONTROL														
Digital flow meter - battery	NONE FITTED													
ATA 34-25 GYRO HORIZON														
Stand-by-battery	Not Known			O/C				O/C		O/C	O/C	O/C	O/C	O/C
ATA 35-30 OXYGEN														
NONE FITTED														
ATA 62-10 MAIN ROTOR BLADE														
M/R Blade	355A11003000	20778	20000.0				0.0	0		0.0	20000	20000	16834.2	H
		20887	20000.0				0.0			0.0	20000	20000	16834.2	H
		20902	20000.0				0.0			0.0	20000	20000	16834.2	H
Unequipped blade pin	350A31177001	M53745	INF				2178.9			INF	INF	INF	INF	
		M55656	INF				2178.9			INF	INF	INF	INF	
		M54967	INF				2178.9			INF	INF	INF	INF	
		M56299	INF				2178.9			INF	INF	INF	INF	
		M54592	INF				2178.9			INF	INF	INF	INF	
		M55024	INF				2178.9			INF	INF	INF	INF	
ATA 62-20 MAIN ROTOR HEAD														
Vibration Damper, spring type	350A31-0033-06	M1487		O/C			0.0			O/C	O/C	O/C	O/C	
Main Rotor HUB	355A31-0002-00	M1694												OC
SUB COMPONENTS														
Main Rotor Blade Horn	350A31-1877-03	M114100	80000.0				0.0	0		0.0	80000	80000	76834.2	H
		M114114	80000.0				0.0			0.0	80000	80000	76834.2	H
		M114128	80000.0				0.0			0.0	80000	80000	76834.2	H
Sleeve Lower	350A31-1850-02	M5033	6600.0				0.0				6600	6600	3434.2	H
		M5088	6600.0				0.0				6600	6600	3434.2	H
		M5097	6600.0				0.0				6600	6600	3434.2	H
Sleeve Upper	350A31-1850-03	M4803	6600.0				0.0				6600	6600	3434.2	H
		M4819	6600.0				0.0				6600	6600	3434.2	H

Component	Part Number	Number	Hours	Cycles	Calendar	T.D.C	Hours	Cycles	Date	Total Time at Installation	at Installation	Due At	At Current A/C Time	
		M4851	6600.0				0.0				6600	6600	3434.2	H
Starflex Rotor Hub	350A31-1918-00	M4156	3000.0				2178.9				3000	5179	2013.1	H
Spherical Stop Bolt	350A31-1854-21	91964	3000.0				3162.8				3000	6163	2997.0	H
		91959	3000.0				3162.8				3000	6163	2997.0	H
		92527	3000.0				3162.8				3000	6163	2997.0	H
		91962	3000.0				3162.8				3000	6163	2997.0	H
		91955	3000.0				3162.8				3000	6163	2997.0	H
		92508	3000.0				3162.8				3000	6163	2997.0	H
Spherical Stop (Thrust Bearing)	704A33-633-211	23669	6400.0				2022.5	0	16-Jun-15	0.0	6400.0	8422.5	5256.7	H
		23655	6400.0				2022.5	0	16-Jun-15	0.0	6400.0	8422.5	5256.7	H
		23481	6400.0				2022.5	0	16-Jun-15	0.0	6400.0	8422.5	5256.7	H
Frequency Adapter	704A33640100	25026	No Life Listed				0.0				No Life Listed			
Frequency Adapter	704A33640100	25028	No Life Listed				0.0				No Life Listed			
Frequency Adapter	704A33640100	25025	No Life Listed				0.0				No Life Listed			
ATA 62-30 MAIN ROTOR MAST														
Main Rotor Mast	350A37-0004-02	M1237	O/C				0.0	0			O/C			
SUB COMPONENTS														
Main Rotor Shaft	350A37-1290-04	M5145		160000			0.0	0		0.0	160000.0	160000.0	152255.0	U
MR Hub Attachment Bolts	350A37-1244-20	134454	3000.0				2981.1	0		0.0	3000.0	5981.1	2815.3	H
		143178	3000.0				3162.8	0		0.0	3000.0	6162.8	2997.0	H
		134048	3000.0				2981.1	0		0.0	3000.0	5981.1	2815.3	H
		138144	3000.0				3060.2	0		0.0	3000.0	6060.2	2894.4	H
		136203	3000.0				2981.1	0		0.0	3000.0	5981.1	2815.3	H
		136205	3000.0				2981.1	0		0.0	3000.0	5981.1	2815.3	H
MR Hub Attachment Bolts	350A37-1245-20	126446	3000.0				2981.1	0		0.0	3000.0	5981.1	2815.3	H
		132045	3000.0				3060.2	0		0.0	3000.0	6060.2	2894.4	H
		131108	3000.0				3060.2	0		0.0	3000.0	6060.2	2894.4	H
		123829	3000.0				2981.1	0		0.0	3000.0	5981.1	2815.3	H
		133164	3000.0				3162.8	0		0.0	3000.0	6162.8	2997.0	H
		134012	3000.0				3162.8	0		0.0	3000.0	6162.8	2997.0	H
Swashplate 4 Contact Bearing	704A33651158	NR2568	6300.0				0.0	0		0.0	6300.0	6300.0	3134.2	H
Upper Casing	350A37-1291-00	S449	SLL INF				0.0	0		0.0	SLL INF			
Lower Casing	350A37-1292-00	S448	SLL INF				0.0	0		0.0	SLL INF			
Non-Rotating Star	350A37-1002-07	S553	SLL INF				0.0	0		0.0	SLL INF			
Star Rotating	350A37-1003-08	S505	SLL INF				0.0	0		0.0	SLL INF			
Scissor Link	350A37-1126-02	S964	SLL INF				0.0	0		0.0	SLL INF			
Scissor Link	350A37-1126-02	SD2867	SLL INF				2800.9	0	05-Mar-20	0.0	SLL INF			

Component	Part Number	Number	Hours	Cycles	Calendar	T.D.C	Hours	Cycles	Date	Total Time at Installation	at Installation	Due At	At Current A/C Time
Scissor Link	350A37-1126-02	S972					0.0	0		0.0		SLL INF	
Scissor Link	350A37-1127-02	S881					0.0	0		0.0		SLL INF	
Scissor Link	350A37-1127-02	S1106					0.0	0		0.0		SLL INF	
Scissor Drive adpater	Not known	Not known					0.0	0		0.0		SLL INF	
ATA 63-10 ENGINE-TO-MGB COUPLING													
Hydraulic Pump Drive Belt	704A33690004	NSN	1200.0				3151.0	0		0.0	1200.0	4351.0	1185.2 H
Manufactures Part Number	(FILONTYPEFO)							0					
Hydraulic Pump Drive Bearing	593733	R/NA15139	3600.0				3151.0	0		0.0	3600.0	6751.0	3585.2 H
	(704A33651206)					2190	0.0	0	25-Oct-22	0.0	2190.0	23-Oct-28	1701.0 C
ATA 63-20: MAIN GEARBOX													
Beval Reduction Gear	350A32030004	M2131				3500	3162.8	0		1244.6	2255.4	5418.2	2252.4 H
						8760	0.0	0	18-Nov-16	0	8760	12-Nov-40	6104 C
SUB COMPONENTS													
Main Casing	350A32-3121-01	MAP4169		O/C			3162.8	0		0.0		O/C	
				O/C			0.0	7739		0.0		O/C	U
Lower Casing	350A32-3119-03	M4388	20000.0				3162.8	0		5024.0	14976.0	18138.8	14973.0 H
Beval gear	350A32312221	ZF2289	20000.0				3162.8	0		5024.0	14976.0	18138.8	14973.0 H
Beval wheel	350A32312321	ZF2139	20000.0				3162.8	0		5024.0	14976.0	18138.8	14973.0 H
SUB COMPONENTS													
Epeycyclic Reduction Gear	350A32011000	M142				3500	3162.8	0		0.0	3500.0	6662.8	3497.0 H
						8760	0.0	0	03-Dec-21	0	8760	27-Nov-45	7945 C
SUB COMPONENTS													
Planet Gear Cage	350A32-1089-21	ZF186		68700			3162.8	7739		23837.0	44863.0	52602.0	44857.0 U
Planet Gear	350A32108203	L24555	20000.0				3162.8	0		3752.9	16247.1	19409.9	16244.1 H
		L24629	20000.0				3162.8	0.0		3752.9	16247.1	19409.9	16244.1 H
		L24644	20000.0				3162.8	0		3752.9	16247.1	19409.9	16244.1 H
		L24682	20000.0				3162.8	0		3752.9	16247.1	19409.9	16244.1 H
		L24722	20000.0				3162.8	0		3752.9	16247.1	19409.9	16244.1 H
Fixed Ring Gear	350A32105120	ZF1033	No life				3162.8	0		0.0		No life listed	H
Sun Gear	350A32107520	ZF2096					3162.8	0		0.0		SLL INF	
SUB COMPONENTS													
Oil Pump	350A32-0400-00	M2546				3500	3162.8	0		1244.6	2255.4	5418.2	2252.4 H

Component	Part Number	Number	Hours	Cycles	Calendar	T.D.C	Hours	Cycles	Date	Total Time at Installation	at Installation	Due At	At Current A/C Time	
						8760	0.0	0	18-Nov-16	0	8760	12-Nov-40	6104	C
ATA 63-30 MGB MOUNT AND ATTACHMENT														
MGB Suspension Cross Bar	Not known	Not known	OC				0.0	0		0.0		SLL INF		
MGB Forward Bar	FDT14193	5309	No life listed				0.0	0		0.0		No life listed		
MGB Forward Bar	FDT14193	5402	No life listed				0.0	0		0.0		No life listed		
MGB Rear Bar	FDT14194	5205	No life listed				0.0	0		0.0		No life listed		
MGB Rear Bar	FDT14194	5208	No life listed				0.0	0		0.0		No life listed		
ATA 64-10: TAIL ROTOR														
Tail Rotor	355A12004008	7376	4000.0				0.0	0		0.0	4000.0	4000.0	834.2	H
Tail Rotor half laminated bearing (Manufacture No 57926600)	704A33633303	1T21A096	1200.0				3122.9	0		0.0	1200.0	4322.9	1157.1	H
Tail Rotor half laminated bearing (Manufacture No 57926600)	704A33633303	2T2IF832	1200.0			3650	0.0	0	01-Jan-21	0.0	3650.0	30-Dec-30	2499.0	C
Tail Rotor half laminated bearing (Manufacture No 57926600)	704A33633303	2T21F901	1200.0			3650	0.0	0	01-May-21	0.0	3650.0	29-Apr-31	2619.0	C
Tail Rotor half laminated bearing (Manufacture No 57926600)	704A33633303	2T21F879	1200.0			3650	0.0	0	01-May-21	0.0	3650.0	29-Apr-31	2619.0	C
Tail Rotor half laminated bearing (Manufacture No 57926600)	704A33633303	2T21F879	1200.0			3650	0.0	0	01-May-21	0.0	3650.0	29-Apr-31	2619.0	C
SUB COMPONENT														
ATA 65-10: TAIL ROTOR DRIVE														
Rear Section rear transmission	350A34-0210-06	M3330	O/C				0.0	0		0.0		O/C		H
SUB COMPONENT														
AFT Shaft	350A34-1012-05	M3330	10500.0				0.0	0		0.0	10500.0	10500.0	7334.2	H
Front Section rear transmission	350A34015003	M3263	O/C				0.0	0		0.0		O/C		H
Tail Rotor Driveshaft Bearing (Manufacture No 593404)	704A33651181		3600.0				2589.1	0		0.0	3600.0	6189.1	3023.3	H
Flex coupling	350A34100001	M9908	No life listed				0.0	0		0.0		No life listed		H
		M9954	No life listed				0.0	0		0.0		No life listed		H
ATA 65-20: TAIL GEARBOX														
Tail Gearbox Assy	350A33-0200-05	MA0706				3000	679.4	0		282.0	2718.0	3397.4	231.6	H
						8760	0.0	0	30-Oct-02	0	8760	24-Oct-26	971	C
SUB COMPONENT														
Tail Rotor Hub	350A33-2119-05	MA1780	O/C				0.0	0		0.0		O/C		H
Casing	350A33-1090-02	MA02743	20000.0				679.4	0		213.0	19787.0	20466.4	17300.6	H
Shaft	350A33-1092-01	MA1287	20000.0				679.4	0		1430.0	18570.0	19249.4	16083.6	H
Bevel Gear	350A33-1000-21	L9143	10600.0				679.4	0		282.0	10318.0	10997.4	7831.6	H
Bevel Wheel	350A33-1001-21	L7678	20000.0				679.4	0		282.0	19718.0	20397.4	17231.6	H
Control Lever	350A33105803	MA05442	SLL INF				679.4	0		282.0		SLL INF		H

Component	Part Number	Number	Hours	Cycles	Calendar	T.B.C	Hours	Cycles	Date	Total Time at Installation	at Installation	Due At	At Current A/C Time
TR Pitch change rod	350A33214501	S30034					3060.2	0	28-Apr-22	0.0		No life listed	H
		S30552					3060.2	0	28-Apr-22	0		No life listed	H
Tail Rotor Hub Pitch Change Unit	350A33-2030-00	MA0784				O/C	1324.1	0	03-Feb-10	1124.3		O/C	H
SUB COMPONENT													
TRH Pitch Change Bearing	704A33-651-210	NR1012	3000.0				1324.1	0	03-Feb-10	0.0	3000.0	4324.1	1158.3 H
ATA 67-30 ROTORS CONTROL													
M/R servo control	SC5083	846				3000	2621.6	0		0.0	3000.0	5621.6	2455.8 H
						7305	0.0	0	09-Jan-19	0	7305	09-Jan-39	5431 C
M/R servo control	SC5083	1175				3000	2621.6	0		0.0	3000.0	5621.6	2455.8 H
						7305	0.0	0	17-Mar-17	0	7305	17-Mar-37	4768 C
M/R servo control	SC5084	200				3000	1723.6	0		0.0	3000.0	4723.6	1557.8 H
						7305	0.0	0	21-Dec-12	0	7305	21-Dec-32	3221 C
T/R servo control	SC5072	1672				3000	2621.6	0		0.0	3000.0	5621.6	2455.8 H
						7305	0.0	0	18-Mar-15	0	7305	18-Mar-35	4038 C
ATA 80-00 STARTING													
Starter Generator	150SG122Q	7675				900	3060.2	0		0.0	900.0	3960.2	794.4 H
						1825	0.0	0	19-Aug-21	0	1825	18-Aug-26	904 C
Turboshaft power plant	292005220	9632				No life listed	0.0	0	00-Jan-00	0.0		No life listed	H
Engine Component and Accessory times calculated from Engine Time not Airframe.													
ENGINE	TURBOMECA	ARRIEL 1D1	5097				978.1	0		0.0	0.0		H
							0.0	0		0	0		C

Accessory gear box (Mod 1)	70BM015420	2467				O/C	O/C		O/C		O/C	O/C	O/C	H
Variation HC/OGUN/008 refers						6025	0.0	0	12-Jan-07	0	6025	12-Jul-23	-229	C
Axial Compressor (Mod 2)	70BM025020	2677				7200	4251.5	0		0.0	7200.0	11451.5	5012.5 H	
Axial Wheel	2292152810	3024FT		14000				4679		1422	12578.0	17257.0	9085.0 U	
Bearing	9609000166	8231	7200.0				4251.5			0.0	7200.0	11451.5	5012.5 H	
Bearing	9609000166	8631	7200.0				4251.5			0.0	7200.0	11451.5	5012.5 H	
Bearing	9606490202	10063	7200.0				4251.5			0.0	7200.0	11451.5	5012.5 H	
Gas Generator (Mod 3)	70BM035420	10211				3600	4251.5			0.0	3600.0	7851.5	1412.5 H	
Variation HC/OGUN/008 refers						6025	0.0	0	12-Jan-07	0	6025	12-Jul-23	-229	C
						Inspection iaw 05-20-10-201-940-A01								

Component	Part Number	Number	Hours	Cycles	Calendar	T.D.C	Hours	Cycles	Date	Total Time at Installation	at Installation	Due At	At Current A/C Time	
Cent Impeller	292252930	139OTT		14000				4679		1422	12578.0	17257.0	9085.0	U
Injection Wheel	292252970	3125AD		10000				4679		4679	5321.0	10000.0	1828.0	U
Disc stg 1 generator turbine	292253240	ADB0415AD		10000				4679		4679	5321.0	10000.0	1828.0	U
Disc stg 2 generator turbine	292253850	T281AD		6000				6017		0	6000.0	12017.0	3845.0	U
Front plate	2292401800	SER7158	3600.0				4251.5			0.0	3600.0	7851.5	1412.5	H
Rear plate	2292401810	SER7280	3600.0				4251.5			0.0	3600.0	7851.5	1412.5	H
Bearing	9609000562	6781	3600.0				4251.5			0.0	3600.0	7851.5	1412.5	H
Turbine blades stg 1	229225A1K0	F24/1	6000.0				4251.5			0.0	6000.0	10251.5	3812.5	H
				12000				4679		0	12000.0	16679.0	8507.0	U
Turbine blades stg 2	029225A250		6000.0				4251.5			0.0	6000.0	10251.5	3812.5	H
				12000				4679		0	12000.0	16679.0	8507.0	U
Free Turbine (Mod 4)	70BM045400	5097				7200	4251.5			0.0	7200.0	11451.5	5012.5	H
														C
Free Turbine Disc	2292802500	ADB3705AD		10000				5554.0		5554.0	4446.0	10000.0	913.0	U
Bearing	9606080705	2645	3600.0				4251.5			0.0	3600.0	7851.5	1412.5	H
Bearing	9609000166	8619	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Free Turbine Nut	9609000166	8536	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Free turbine blades	029280A1N0	C88/1	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
				10000				5554		0	10000.0	15554.0	6467.0	U
Reduction gear box (Mod 5)	70BM055420	4363				3600	4251.5			0.0	3600.0	7851.5	1412.5	H
														C
Bearing	9609000397	SER7	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Bearing	9609000397	84	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Bearing	9609000247	2956	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Bearing	9609000247	2868	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Bearing	9609000139	2869	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Bearing	9609000266	AWR2767	7200.0				4251.5			0.0	7200.0	11451.5	5012.5	H
Bearing	9609000254	ANR3237	6000.0				4251.5			0.0	6000.0	10251.5	3812.5	H
Equipped Sleeve	292708020	740SET	3600.0				4251.5			0.0	3600.0	7851.5	1412.5	H
Nut	292701370	2934B	3600.0				4251.5			0.0	3600.0	7851.5	1412.5	H
Starting drain valve	174078030	2979				3651	0.0	0	30-Mar-17	0	3651	29-Mar-27	1127	C
Free wheel shaft assy	292907680	4118				3600	4251.1			0.0	3600.0	7851.1	1412.1	H
Drain Valve	174126090	C860B				3651	0.0	0	29-Jul-16	0	3651	28-Jul-26	883	C
Adjusted control unit (FCU)	16450200	1343M				3600	5361.5	0		671.0	2929.0	8290.5	1851.5	H
						3652	0.0	0	03-Oct-15	0	3652	02-Oct-25	584	C