

## Maintenance Forecast.

Forecasting by 50 Hrs / 180 Days

AS 350 B2

Aircraft Reg: **G-OGUN**

Current Aircraft Hours: **3165.8** Landings **7745**

Last Techlog : 6-Jul-23

Aircraft S/N: **3187**

Current Engine Hours: **6439.0** Cyc NG **8172.00**

Date: **26-Feb-24**

Cyc NF **9087.00**

A D Number	Service Bulletin	Detail	Frequency		Last Compliance		Next Compliance		Time Remaining	
			Hrs/C	Days	Hrs/C	Date	Hrs/C	Date	Hrs/C	Days
		Maintenance Prog Ref MP/04061/EGB2208 Iss 2 Rev 3								
		30 Hour [Engine]	30.0		3162.8		3192.8		27.0	
		150 Hour [ Airframe / Engine]	150.0		3162.8		3312.8		147.0	
		150 Hour / 12 Month [Airframe]	150.0	365	3151.0	25-Oct-22	3301.0	25-Oct-23	135.2	-124
		300 Hour / 12 Month [Engine]	300.0	365	3162.8	17-May-23	3462.8	16-May-24	297.0	80
		300 Hour [Engine]	300.0		3151.0		3451.0		285.2	
		600 Hour Items [Airframe / Engine]	600.0		3162.8		3762.8		597.0	
		600 Hour / 2 Year Items. [ Airframe]	600.0	730	3162.8	17-May-23	3762.8	16-May-25	597.0	445
		750 Hour [Engine]	750.0		2981.1		3731.1		565.3	
		1200 Hour / 4 Year Insp [Airframe]	1200.0	1460	3162.8	17-May-23	4362.8	16-May-27	1197.0	1175
		Annual / 12 Monthly [Airframe]		365		17-May-23		16-May-24		80
		ASI / Altimeter Calibration Inspection		365		17-May-23		16-May-24		80
		Battery 6 Monthly check		183		17-May-23		16-Nov-23		-102
		Battery 12 Monthly check		365		17-May-23		16-May-24		80
		Battery 24 Monthly check		730		17-May-23		16-May-25		445
		ARC		368		27-Jul-22		30-Jul-23		-211
		Compass Swing	600.0	730	3151.0	14-Oct-22	3751.0	13-Oct-24	585.2	230
		Transponder check		365		17-May-23		16-May-24		80
		Aircraft re-weigh		1460		06-Jun-19		05-Jun-23		-266
<b>OUT OF PHASE INSPECTIONS AIRFRAME</b>										
		10 hour M/R Head spherical thrust bearing	10.0						Moved to daily check	
		10 hour M/R Head Frequency adapter elastomer	10.0						Moved to daily check	
		10 hour non-rotating and rotating swashplate bearing	10.0						Moved to daily check	
		10 hour Tail rotor blade inspection	10.0						Moved to daily check	
		20 hour T/R blade laminated pitch half bearing	20.0						Moved to daily check	
		30 Hour Tail rotor blade inspection	30.0		3162.8		3192.8		27.0	
		30 Hour Tail rotor gearbox pitch change links	30.0		3162.8		3192.8		27.0	
		50 Hour Main Rotor Head starflex star	50.0		3162.8		3212.8		47.0	
		100 Hour Standard door inspection	100.0		3151.0		3251.0		85.2	

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			Hrs/C	Days	Hrs/C	Date	Hrs/C	Date	Hrs/C	Days
		100 Hour Tail rotor driveshaft greasable bearing check	100.0		3151.0		3251.0		85.2	
		100 Hour Transmission Deck	100.0		3151.0		3251.0		85.2	
		100 Hour MR Mast chip detector	100.0		3151.0		3251.0		85.2	
		100 Hour MR Mast Rod End fitting (All)	100.0		3151.0		3251.0		85.2	
<b>Yellow Top</b>	<b>Red Bottom</b>	50 Hour MR Mast Rod End fitting (reduced intervals UN/4834)	50.0		3162.8		3212.8		47.0	
		100 Hour MRGB chip detector	100.0		3151.0		3251.0		85.2	
		100 Hour TRGB chip detector	100.0		3151.0		3251.0		85.2	
		Garmin GNC255A Nav/Comm units inspection	100.0	365	3151.0	25-Oct-22	3251.0	25-Oct-23	85.2	-124
		150 Hour / 6 Month Hydraul Accumulator Yaw compensator	150.0	183	3162.8	17-May-23	3312.8	16-Nov-23	147.0	-102
		300 Hour MR Mast swashplate guide and swivel bearing	300.0		3151.0		3451.0		285.2	
		300 hour Starter Generator check	300.0		3060.2		3360.2		194.4	
		500 Hour Tail servocontrol eye end-fitting	500.0		2724.1		3224.1		58.3	
		500 Hour / 2 Year horizontal stab visual inspection	500.0	730	3162.8	17-May-23	3662.8	16-May-25	497.0	445
		600 Hour / 6 month Main Rotor Blade Pins	600.0	183	3162.8	17-May-23	3762.8	16-Nov-23	597.0	-102
		600 Hour / 24 Months Collective lever lock to lock tab	600.0	730	3162.8	17-May-23	3762.8	16-May-25	597.0	445
		1200 Hour / 48 Months Fuel element replacement	1200.0	1460	3162.8	17-May-23	4362.8	16-May-27	1197.0	1175
		1200 Hour / 2 Year Insp TGB Casing inspection	1200.0	730	3162.8	17-May-23	4362.8	16-May-25	1197.0	445
		1200 Hour / 2 Year Insp TGB hinge bearing	1200.0	730	3162.8	17-May-23	4362.8	16-May-25	1197.0	445
		1800Hour / 72 Month P2 Heating pipe inspection	1800.0	2190	3162.8	17-May-23	4962.8	15-May-29	1797.0	1905
		2400 Hour Fuel pump brush inspection	2400.0		2382.5		4782.5		1616.7	
		2400 Hour / 6 Year Insp & test of oil temp warning sys	2400.0	2190	3162.8	17-May-23	5562.8	15-May-29	2397.0	1905
		2500 Hour / 6 Year Tail Boom to Fuselage junction torque	2500.0	2190	3162.8	17-May-23	5662.8	15-May-29	2497.0	1905
		3000 Hour / 4 year Drain and Refill Hydraulic system	3000.0	1460	3162.8	17-May-23	6162.8	16-May-27	2997.0	1175
		3000 Hour / 6 year MGB Suspension cross bar	3000.0	2190	2589.1	04-Feb-19	5589.1	02-Feb-25	2423.3	342
		3000 Hour / 6 year MRH Vibration damper spring type	3000.0	2190	3162.8	17-May-23	6162.8	15-May-29	2997.0	1905
		3250 Hour rear frame inspection [Initial then 500hr]	500.0		3060.2		3560.2		394.4	
		4200 Hr / 6000 Cyc MGB Suspension crossbar inspection	4200.0		0.0		4200.0		1034.2	
		Cycles	60000.0		0.0		60000.0		52255.0	
		5000 Hour / 6 Year Hydraulic system hose replacement	5000.0	2190	N/A POST MOD 074239					
		5400 Hour Landing gear shock absorber	5400.0		0.0		5400.0		2234.2	
		5400 Hour Skid landing gear inspection	5400.0		0.0		5400.0		2234.2	
		5400 Hour / 6 Yearly inspection mrh Rotor Mast	5400.0	2190	3162.8	17-May-23	8562.8	15-May-29	5397.0	1905
		5400 Hour / 6 Yearly inspection MR Mast Upper housing	5400.0	2190	3162.8	17-May-23	8562.8	15-May-29	5397.0	1905
		12 Month Cabin fire extinguisher		365	Included in Annual					
		2 yearly Battery compartment inspection		730		17-May-23		16-May-25		445
		2 yearly Pitot system functional check		730		17-May-23		16-May-25		445
		6 yearly MRH inspection [initial 12 then 6 yearly]		2190	0.0	17-May-23		15-May-29		1905

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		6 yearly MR Mast inspection [initial 12 then 6 yearly]		2190	0.0	17-May-23		15-May-29		1905
		6 yearly TRH inspection [initial 12 then 6 yearly]		2190	0.0	17-May-23		15-May-29		1905
		6 yearly Tail rotor driveshaft inspection [initial 12 then 6 yearly]		2190	0.0	17-May-23		15-May-29		1905
		6 yearly Engine / MGB Couplings [initial 12 then 6 yearly]		2190	0.0	17-May-23		15-May-29		1905
		6 Year MRGB Inspection <b>Beval</b> [initial 12 then 6 yearly]		2190	0.0	18-Nov-22		16-Nov-28		1725
		6 Year MRGB Inspection <b>Epicyclic</b> [initial 12 then 6 yearly]		4380	0.0	03-Dec-21		30-Nov-33		3565
		6 Yearly inspection TRGB [initial 12 then 6 yearly]		2190	0.0	17-May-23		15-May-29		1905
		10 Year flexible hose replacement		3652	0.0	04-Feb-19		03-Feb-29		1804
		144 Month P2 Heating pipes leak detection		4380	0.0	17-May-23		14-May-35		4095
		144 Month Landing gear shock absorber inspection		4380	0.0	17-May-23		14-May-35		4095
		144 Month Detailed inspection of structure		4380	0.0	17-May-23		14-May-35		4095
		144 Month Vertical Fin assy fin support inspection		4380	0.0	17-May-23		14-May-35		4095
		144 Month Rotor flight control inspection		4380	0.0	17-May-23		14-May-35		4095
<b>OUT OF PHASE INSPECTIONS ENGINE</b>										
		100Hr Leak check of deceleration Control unit	100.0		3151.0		3251.0		85.2	
		100Hr engine health inspection in flight	100.0		3151.0		3251.0		85.2	
		200Hr rear bearing inspection	200.0		3151.0		3351.0		185.2	
		Engine front support inspection	1500.0		2461.3		3961.3		795.5	
		3600 Intermediate inspection of MOD 02	3600.0		978.1		4578.1		1412.3	
		3600 Intermediate inspection of MOD 04	3600.0		978.1		4578.1		1412.3	
		3600 Replacement of freeturbine front bearing	3600.0		978.1		4578.1		1412.3	
		3600 Intermediate inspection of Module	3600.0		978.1		4578.1		4578.1	
<b>ELT CHECKS</b>										
		KANNAD 406 / 121		30		17-May-23		16-Jun-23		-255
<b>ADDITIONAL CHECKS</b>										
Repetative SB and AD list										
EASA AD 2023-0064	05.01.01	Main rotor pitch rods upper links inspection (10FH after initial)	10.0		2909.0		NLA SB62.00.46 C/O 17/5/23			
EASA AD 2021-0282	ASB 05.01.03	TRH pitch change unit bearing spacer (10Hr thereafter)	10.0		3162.8		Moved to daily check			
1984-064-037R3	05.00.11	T/R Blade spar	30.0		3162.8		3192.8		27.0	
EASA 2001-580-085R2	05.00.37	500 Hour Tail servocontrol eye end-fitting	500.0		3162.8		3662.8		497.0	
EASA 2004-035	05.00.43	3250 Hour rear frame inspection [Initial then 500hr]	500.0		3060.2		3560.2		394.4	
EASA 2009-0019	05.00.58	Collective pitch change lockstud	600.0	730	3162.8	17-May-23	3762.8	16-May-25	597.0	445
EASA 2009-0039	05.00.40	T/R Blade skin inspection	10.0	1	2390.8	03-May-18	Moved to daily check			
EASA 2010-0006	05.00.60	Tail Rotor Pitch change links	30.0		2937.4		Cancelled			

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EASA 2011-0038	05.00.62	TRGB Control lever	600.0		2767.6		3367.6		201.8	
EASA 2011-0164R1	05.00.64Rev3	Yaw control stop lock nuts inspection	165.0		2390.8	03-May-18	N/A by type fitted			
EASA 2012-0257	05.00.71	T/R Laminated bearing	10.0	1			transferred to preflight			
EASA 2015-0094	05.00.84	Bi-directional suspension bars	4500.0		0.0		Cancelled			
			Cycles 60000.0		0.0		Cancelled			
EASA 2015-0195	01-00-70	Tail rotor driveshaft bearings inspection	165.0		3162.8		3327.8		162.0	
EASA AD 2018-0206	ASB 62.00.42	Para a. Main rotor mast bearing retain ring (165hr after)					N/A para b carried out 5/3/20 @ 2800.9hrs			
EASA 2016-0021	01.00.69	Main Rotor Gearbox casing (then every 27000 cycle)	27000	cycles	6422.0		33422.0		25677.0	
	05.00.92	Main Gearbox bracket bolts	600.0		3162.8		3762.8		597.0	
EASA AD 2023-0044	ASB 05.01.04	MGB Bevel wheel inspection (660 hrs after) (wo aml/un/5175)	330.0		3162.0		3492.0		326.2	
One time SB AND AD LIST										
FAA AD 2024-01-11		Pacific scientific seat belt buckles inspection	N/A AMSAFE Buckles fitted 14/2/24							
EASA AD 2024-0018	ASB05.01.00 Rev1	Indicating / recording systems - control unit inspection	N/A EFS Not fitted 12/1/24							
	SB 53-33-0001	Better protection of forward bearings on Y400 beam web	600.0	730	3162.8	17-May-23	3762.8	16-May-25	597.0	445
EASA AD 2023-0127	ASB 63.00.38	MGB Engine coupling flange inspection	165.0	365	3162.8	31-May-23	3327.8	30-May-24	162.0	94
MOD 0760008	SB 62.00.46	Replacement of pitch horn / pitch rod upper screws	Carried out 17/5/23 @ 3162.8hrs							
	SB 26.00.07	Hand fire extinguisher discharge check	Carried out 17/5/23 @ 3162.8hrs							
EASA AD 2022-0246	ASB 05.01.07	Main rotor blade inspection	N/A By P/N fitted 13/12/22							
EASA 2022-0128	ASB 05.00.92	Main gearbox bracket bolts	Previously complied with as EASA AD 2018-0152 18/8/22							
EASA AD 2022-0077	ASB 67.00.81	Rotor flight controls flexballs inspection	N/A part not changed after 22/11/21 - 3/5/22							
EAS AD 2021-0194		Time limits / maintenance checks	Incoporated in issue 2 of AMP 4/1/22							
	SB 80.00.12	Starter Generator Overhaul	Carried out 28/4/22 @ 3060.2hrs							
EASA AD 2021-0123	ASB 29.00.23	Tail rotor laod compensator functional check	N/A by A/C S/N 10/5/21							
EASA AD 2021-0168	ASB 05.01.00	Control unit control panel inspection (check applicability P/N)	Found N/A by mod state (P/N) 28/4/22							
	ASB 52.00.55	Cargo door marking	Carried out 4/3/21 @ 2912.4hrs							
EASA AD 2020-0224	EASB 05.00.99	Tail rotor blade inspection	N/A by P/N fitted 19/10/20							
EASA AD 2020-0175		Sliding Door	N/A by Equip fit 20/8/20							
EASA AD 2020-0151	MSB 292-72-0860	Module 03 stage 2 High Pressure turbine disc	N/A by S/N of part 13/7/20							
EAS AD 2020-0064		Emergency float system	N/A by Equip fit 3/4/20							
	ASB 62.00.43 Rev1	Main rotor mast shaft inspection	5400.0		0.0		5400.0		2234.2	
EASA AD 2019-0228		Electric hoist	N/A by Equip fit 27/9/19							
	SB 25.03.87	Passenger seats check (applicability)	Found N/A single passenger seat fitted. 3/5/19 @ 2643.3							
EASA AD 2019-0060	ASB67.00.76Rev1	TRGB Actuating rod	Carried out 2/4/19 @ 2621.6hrs							
	ASB 05.00.94	Tail rotor half laminated bearings	Carried out 2/4/19 @ 2621.6hrs							
EASA AD 2018-0247		Transpnder installation check	Found N/A BY P/N fitted 14/2/19 @ 2589.1hrs							
EASA AD 2018-0206	ASB 62.00.42	Para a. Main rotor mast bearing retain ring (165hr after)	Initial carried out 19/10/18 @ 2529.2hrs							
EASA AD 2018-0206	ASB 62.00.42	Para b. Main rotor mast bearing retain ring	Carried out 5/3/20 @ 2800.9HRS							

