

CHECKLIST REMOS GX



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ENGINE START	
PARKBRAKE.....	SET
EMERGENCY PARACHUTE.....	READY
DOORS.....	CLOSED
SEAT BELTS.....	FASTENED
BATTERY MASTER	ON
FUEL VALVE.....	OPEN
FUEL PUMP.....	ON
CHOKE.....	COLD PULL/WARM PUSH
THROTTLE.....(WARM 0,5cm).....	IDLE
ACL.....	ON
PROP AEREA.....	CLEAR
IGNITION/STARTER (MAX 5 SEC).....	ON
THROTTLE.....	SET 2200 RPM
OIL PRESSURE.....	MIN 2.0
CHOKE & FUEL PUMP.....	OFF
CHECK BEFORE TAXI	
ALTERNATOR OUTPUT(RED LIGHT OFF)..CKD	
AVIONICS SWITCH.....	ON
FLIGHT CONTROLS.....	CKD
FUEL QUANTITY.....(H/LT).....	CKD
FLAPS.....	CKD/SET T/O
TRIM.....	CKD/SET T/O
NAV LIGHT.....	AS REQ
ALTIMETER.....	QNH
GPS.....	AS REQ
COM & NAV.....	CKD/SET
TRANSPONDER....(STBY 7000).....	ON
FLARM & PCAS.....	ON
TAXI CHECK	
BRAKES & STEERING.....	CKD
FLIGHT INSTRUMENT.....	CKD
RUN-UP CHECK	
PARKBRAKE.....	SET
ENG.INST.OIL TEMP. >50°.....	CKD
THROTTLE.....	SET 4000 RPM
MAGNETOS ..CKD DROP MAX.300RPM/DIV.MAX.120RPM	
CARBURETOR HEAT.....	CKD
THROTTLE.....(1400-1600 RPM).....	IDLE
THROTTLE.....	SET 2200 RPM
CHECK BEFORE T/O	
TRIM.....	RECKD
FLAPS.....	RECKD
COOLING FLAP.....	OPEN
FUEL PUMP.....	ON
T/O BRIEFING.....	COMPLETED
LINE-UP CHECK	
LANDING LIGHT.....	ON
TRANSPONDER.....(ALT 7000).....	ON
APPROACH SECTOR AND RWY.....	CLEAR
RWY HEADING.....	CKD
TIME.....	NOTE

CLIMB CHECK	
FLAPS.....	UP
POWER.....	SET FULL THROTTLE
FUEL PUMP.....(FUEL PRESS CKD).....	OFF
LIGHTS.....	AS REQ
COOLING FLAP.....	OPEN
CRUISE CHECK	
CRUISE POWER.....	SET
ENGINE PARAMETERS.....	CKD
COOLING FLAP.....	AS REQ
CARBURETOR HEAT.....	CKD
FUEL QUANTITY.....(H/LT).....	CKD
ALTIMETER/EFTIS.....	QNH/CKD
DESCENT CHECK	
ATIS.....	NOTED
APPROACH BRIEFING.....	COMPLETED
AVIONICS/RADIOS.....	SET & CHECKED
COOLING FLAP.....	AS REQ
CABIN & PAX.....	SECURED
CHECK FOR APPROACH	
ALTIMETER.....	QNH
LANDING LIGHT.....	ON
FUEL PUMP.....	ON
FUEL QUANTITY.....(H/LT).....	CKD
CARBURETOR HEAT.....	ON
FINAL CHECK	
RWY.....	CLEAR
FLAPS.....	SET
CARBURETOR.....	OFF
BRAKES.....	RELEASED/CKD
CHECK AFTER LANDING	
FLAPS.....	UP
TRANSPONDER.....	OFF
FLARM & PCAS.....	OFF
LANDING LIGHT.....	OFF
NAV LIGHT.....	OFF
FUEL PUMP.....	OFF
SHUT DOWN	
PARKBRAKE	SET
ALL ELECTRIC EQUIPMENT.....	OFF
COM.....	121.50 CKD/OFF
TRIM.....	NEUTRAL
AVIONICS SWITCH.....	OFF
THROTTLE.....	IDLE
IGNITION.....(KEY REMOVED).....	OFF
ACL.....	OFF
BATTERY MASTER.....	OFF
EMERGENCY PARACHUTE.....	LOCKED
FLIGHT TIME COUNTERS.....	NOTE
AIRCRAFT.....	SECURED

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PREFLIGHTCHECK		NOTES	Fuel capacity: Useable Fuel 79,5 lt Total Fuel 83,5 lt ¼ 21,0 LT ½ 41,7 LT ¾ 62,5 LT (1lt Fuel = 0,725kg)
FLIGHT TIME CTR...(ITEMS).....	NOTE		
FUEL QUANTITY.....(H/LT)...	CKD		
IGNITION & BATTERIE.....	OFF		
AILERON/ELEVATOR CONNECTION.CKD			
CIRQUIT BREAKERS.....	ALL IN/CKD		
ELT.....	ARM		
STEERLOCK & TOW BAR.....	REMOVED		
OUTSIDE CHECK.....	COMPLETED		
OIL QUANTITY.....	CKD		
EXPANDED PREFLIGHT CHECK ACC. AFM:			
-Kraftstofftank entwässern (Drainage) -Ölstand prüfen, Öl-Deckel entfernen und von Hand durchdrehen bis Gurgeln (zwischen der Markierung) -Stand der Kühlflüssigkeit prüfen (zwischen Min. und Max. Markierung) -Motorbefestigung und Zustand aller Aggregate prüfen -Befestigung des Schalldämpfers prüfen -Dichtigkeit der Schlauchverbindungen prüfen -Befestigung der Motorverkleidung (Cowling) prüfen -Zustand der Luftscharbe auf Risse und Beschädigung prüfen -Zustand des Fahrwerks und Luftdruck in den Rädern prüfen -Torsionsnase, Beplankung, Steuerflächen auf Beschädigung prüfen -Sicherungen der Verbindungsbolzen, Tragflächen, Streben und Leitwerke prüfen -Korrekte Verbindung und Sicherung aller Steuerorgane prüfen -Bewegungsfreiheit und Sinnrichtigkeit aller Steuerflächen prüfen -Zustand des Pitotrohrs (Staudruckgeber) und der Druckleitungen prüfen -Kraftstoffstand (Steigrohr) und korrekten Verschluss des Tanks prüfen -Befestigung der Rettungsvorrichtung, (Betätigungsgriff gesichert) prüfen -Sitze auf Positionierung und Verriegelung prüfen			
OPERATIONAL SPEEDS		WEIGHTS HB-----	
Vs0 Flaps 40°	38 kts	Max. T/O Weight 600,0 kg	
Vs1 Flaps 0°	44 kts	Empty Weightkg	
V Final	60 kts	Payloadkg	
Vx best angle of climb	55 kts	Baggage max. 30,0 kg	
Vy best rate of climb	65 kts	
VFE Flaps extended	70 kts	
VBG best glide	65 kts	
VA manoeuvring	94 kts	
VNO MAX. SPEED BEI TURBULENZ	107 kts	
VNE never exceed speed	134 kts	
Max. crosswind comp.	15kts		
TECHNICAL DATA		Engine: Bombardier Rotax 912 UL-S 73.6 kW :100 HP	
Propeller: Neuforn 3-blade, composite		RPM warmup 2200 max. 2500 RPM	
Tire press: front 1.9 bar, main 2.2 bar		RPM shut down idle RPM	
Fuel: Bleifrei 95/98, AVGAS 100LL		T/O pwr min.4800 RPM	
Oil: as provided by operator, cap. 2.8lt, min. to max 0.45ltr		Cruise pwr 4400-4900 RPM	
Cooling fluid: as provided by operator, cap. 2.5lt		Max Continuous pwr 5500 RPM	
		Never forget: Oil cooling flap!	
ENGINE PARAMETERS	min	normal	max
EGT			900°C
CHT	50°C	75° - 110°C	135°C
OIL TEMP	50°C	90° - 110°C	130°C
OIL PRESS (BAR)	0.8	2.0 - 5.0	7.0
FUEL PRESS (BAR)	0.2		0.6

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