



CHECKLIST REMOS GX

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
AUTOPILOT..... OFF
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/EFIS..... 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
AUTOPILOT..... OFF

FINAL CHECK

RWY..... CLEAR
FLAPS..... SET
CARBURETOR..... OFF

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

CHECKLIST REMOS GX



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PREFLIGHTCHECK	NOTES	Fuel capacity:
FLIGHT TIME CTR...(ITEMS).....NOTE	Useable Fuel 79,5 Lt
FUEL QUANTITY.....(H/LT)... CKD	Total Fuel 83,5 Lt
IGNITION & BATTERIE..... OFF	
AILERON/ELEVATOR CONNECTION.CKD	
CIRCUIT BREAKERS.....ALL IN/CKD	1/4 21,0 LT
ELT.....ARM	1/2 41,7 LT
STEERLOCK & TOW BAR..... REMOVED	3/4 62,5 LT
OUTSIDE CHECK.....COMPLETED	(1lt Fuel = 0,725kg)
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 Luftschraube auf Risse und Beschädigung prüfen
- Zustand des Fahrwerks und Luftdruck in den Rädern prüfen
- Torsionsnase, Bepunktung, 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 Pitotrohres (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-.....
V _{S0} Flaps 40° 38 kts	Max. T/O Weight 600,0 kg
V _{S1} Flaps 0° 44 kts	Empty Weightkg
V Final 60 kts	Payload kg
V _X best angle of climb 55 kts	Baggage max. 30,0 kg
V _Y best rate of climb 65 kts
V _{FE} Flaps extended 70 kts
V _{BG} best glide 65 kts
V _A manoeuvring 94 kts
V _{NO} MAX. SPEED BEI TURBULENZ 107 kts
V _{NE} never exceed speed 134 kts
Max. crosswind comp. 15kts	

TECHNICAL DATA	Engine: Bombardier Rotax 912 UL-S
Propeller: Neuform 3-blade, composite	73.6 kW :100 HP
Tire press: front 1.9 bar, main 2.2 bar	RPM warmup 2200 max. 2500 RPM
Fuel: Bleifrei 95/98, AVGAS 100LL	RPM shut down idle RPM
Oil: as provided by operator,	T/O pwr min.4800 RPM
cap. 2.8lt, min. to max 0.45lt	Cruise pwr 4400-4900 RPM
Cooling fluid: as provided by operator,	Max Continuous pwr 5500 RPM
cap. 2.5lt	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

For information only, not for operational use. Operate aircraft according AFM.