

# SABRE AIRCRAFT 'Don't let your dreams fly away'

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## THE ALTO TG

### Offers These Qualities,

- Exceptionally well-engineered all-metal low wing monoplane at an unmatched price point.
- Striking build quality and attention to detail support long-term durability and easy maintenance.
- Class leading empty weight allows for an additional 244kg - even with full 100 litre wing tanks.
- Superb visibility in relaxed comfort for an easy 850km plus cross-country range with ample reserves.
- Spin tested with wonderfully well harmonised control forces in every phase of flight.
- Factory built to customer specs or supplied in basic and/or advanced kit form using matched-hole technology.

## For 69 500 Euro 'Ready to Fly'

### To Include This Factory Installed Standard Equipment,

- Rotax 912uls (100hp) four stroke liquid cooled engine.
- Kiev 3 blade ground adjustable composite propeller with leading edge protection.
- Matched composite spinner.
- Dual control sticks with PTT/ Pilot side = electric flap, elevator & aileron trim control buttons.
- Kaspar fuel valve (L + R + off + Start).

#### Full range of analogue engine and flight instrumentation:

Flying: All 80mm (0-140knots) ASI, (0-20000ft) ALT, (2000 ft/min) VSI – 57 mm Slip indicator & S/H Compass.

Engine: 52mm RPM, Oil Pressure, Oil Temp, 2 x CHT, Left and Right Fuel Gauges, Voltmeter & Hobbs.

Other: Keyed master switch, shielded ignition, ETA circuit breakers & 12V/USB power supply, wing tip position & strobe LED's, wing mounted landing light, pilot & co-pilot headset jacks.

#### Avionics:

TRIG TY91 (8.33 kHz) dual watch radio transceiver.

TRIG TT21 Mode S transponder.

Garmin G5 + AKU + installation pack with Garmin Aera 660 Panel mounted GPS & antenna.

GMC 507 Autopilot Control Unit, 2 x GSA28 servo units installed.

- Central mounted hydraulic brake lever with park gate.
- Standard RAL single colour 2k interior & exterior paint application.
- Fabric upholstered seats with 4 point seatbelts.
- Forward sliding lockable & bronze tinted Plexiglas canopy.
- Adjustable panel mounted air vents.
- Wing steps left + right.
- Headset holders/side pockets and baggage compartment net.
- Lockable fuel caps with spring loaded oil level top cowl inspection hatch.
- SACAA approved first aid kit, fire extinguisher, signals & tie down set.

*Includes SACAA aircraft registration, POH, aircraft maintenance manual, weight & balance, noise certificate, ICASA avionics application, airframe, engine & propeller logbooks with flight folio & equipment list. Excludes shipping & customs VAT at cost.*

**Plus These Additional Cost Options If Required:-**

- Alternative ground adjustable, in-flight or constant speed propellers.
- Rudder mounted strobe light.
- Engine & oil thermostats.
- GRS ballistic parachute.
- Custom avionics and/or instrumentation.
- Single or dual screen EFIS/EMS with or without auto pilot functionality.
- Fitted GPS and/or Ipad mounts
- Oil and/or coolant thermostats.
- Leather & fabric upholstered seats, side panels and map pockets.
- Sliding ventilation windows.
- Canopy cover and/or tow bar.
- Metallic paint and/or vinyl exterior graphics.

<b>BASIC TECHNICAL AND PERFORMANCE SPECIFICATIONS</b>			
<b>SEATS</b>		2 x side by side	
<b>EMPTY WEIGHT</b>		285kg	
<b>MTOW</b>		600kg	
<b>USEFUL LOAD</b>		315kg	
<b>BAGGAGE ALLOWANCE BEHIND SEATS</b>		15kg	
<b>LENGTH</b>		6.15m	
<b>HEIGHT</b>		2.25m	
<b>WINGSPAN</b>		8.20m	
<b>COCKPIT WIDTH</b>		1100mm	
<b>ENGINE USED</b>		Rotax 912uls 100hp	
<b>STANDARD PROPELLER &amp; SPINNER</b>		3-blade ground adjustable composite	
<b>TOTAL FUEL CAPACITY</b>		2 x 50L wing tanks	
<b>USEABLE FUEL CAPACITY</b>	<b>FUEL WET WEIGHT</b>	2 x 46L	2 x 35.5kg
<b>RANGE @ 5000 RPM WITH 45 MINUTE RESERVE</b>		840km	454nmi
<b>MAXIMUM NEVER EXCEED SPEED (Vne)</b>		132 knots	
<b>DESIGN CRUISE SPEED (VC)</b>		110 knots for 5200 RPM @ 2500 ft. ASL	
<b>FLAPS UP (Vs1)</b>	<b>45°FLAPS DOWN (Vso)</b>	41 knots	35 knots
<b>G LOADING</b>		+4/-2	
<b>TAKE-OFF DISTANCE (ASL)</b>	<b>TO 50ft</b>	110m	250m
<b>BEST CLIMB RATE (Vy)</b>		1020 fpm ASL @ 65 knots	
<b>LANDING DISTANCE (ASL)</b>	<b>FROM 50ft</b>	95m	366m

**THE STANDARD EQUIPMENT PANEL**

