



## AIRCRAFT DATA

### TECNAM P96 GOLF 100

#### Specifications:

Engine:	Rotax 912ULS (100 hp), Liquid Cooled
Fuel Consumption:	18 Litres/hour (cruise)
Fuel Spec:	<b>Premium unleaded (MOGAS 95 octane or higher)</b> or AVGAS 100LL
Propeller:	Tonini, 2 blade fixed pitch wood – 1720 mm diameter

#### Dimensions:

Aircraft Length:	6,400 mm
Aircraft Height:	2,300 mm
Wingspan:	8,700 mm
Cabin Width:	1,100 mm
Dihedral:	5°
Propeller clearance	360 mm

#### Weight & Quantities:

Empty Weight:	304 kg
MTOW:	544 kg
<b>Useful Load (crew &amp; fuel):</b>	<b>240 kg</b>
Load Factors:	+6/-3g
Usable Fuel:	96 Litres

#### Flight Performance:

Never Exceed $V_{NE}$ :	145 kts (red arc)	Service Ceiling:	14,800 ft
Maximum Speed $V_{NO}$ :	110 kts (yellow arc)	Takeoff Run:	180m (590 ft)
Manoeuvring $V_A$ :	81 kts (green arc)	Landing run:	100m (328 ft)
Max Flap Ext: $V_{FE}$ :	60 kts (white arc)		
Stall without flap:	39 kts		
Stall with 40° flap:	33 kts	Maximum Crosswind:	15 kts
Rate of Climb:	890 ft/min		
Best climb rate:	60 kts	Take off and Climb out	5250 rpm
Best climb angle:	55 kts	Cruise:	5000 rpm
Best glide rate	60 kts		
Approach Speed:	60 kts		

#### Cruise Temperatures (ideal):

Oil Temperature:	90° - 100°
Cylinder Head Temperature (CHT) - Coolant:	90°-135°
Oil Pressure:	min 1.5 - max 5 bar

**Maximum outside temp: 38°C**

Flight performances under ISA conditions, calculated for Rotax 100 hp engine version.

All information can be changed without notice and as Pilot In Command it is your responsibility to be aware of all operational data for your aircraft and refer to the Pilot Operators Handbook.

#### Tyre Inflation:

Main wheels:	24 psi (168 kpa)	Nose wheel:	20 psi (140 kpa)
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