



FICHE TECHNIQUE ET DESCRIPTION

IPSOS 12.9 Quetzal

Equipment & Options

ROTAX 582

Black or gray colour of the trike	S
Seat	S
Coat	S
Front & Parking Break	S
65L Tank	S
Foot accelerator	S
Instrument Pod	S
Front mud guard	S
Wing lifting assistant	O
Electrical Trim	O



Technical characteristics and performances

at 260kg at 450kg

Width	9.73 m	9.73 m
Surface	14.9m ²	14.9 m ²
Height	3 m 40	3 m 40
Empty Weight	195.5 kg	195.5 kg
Usefull load	277 kg	277 kg
Maximum take off Weight	450 kg	450 kg
Motor Power	64 Cv	64 Cv
Stalling speed	50 km/h	57 km/h
Maximum Speed	137 km/h	140km/h
Consumption at 80 km/h	15L/h	17L/h
Takeoff distance	55 m	70 m
Short pack folded glider length	4m65	4m65
Climbing rate	6 m/s	4.5 m/s
Number of seats	2	2
Setup time	45 min	45 min

Instruments

RPM/CHT/Hourmeter	S
GPS Stratomaster	O
Radio	O

Motorisation and propellers

ROTAX 582 Motor	S
E-prop Carbon propeler	S
More propelers on demand	O
Electric Starter	O
C Reduction	S
Other reductions	O
Seperated Oil Tank	O
Rescue Parachut	O

Description:

Light and compact, the Quetzal is the natural evolution of the Phase 2, a well proved model that inspired many copies. Easily set up, mounted with big buffers and a high landing gear, it is prepared to land in rough terrains. With the IPSOS 12.9 it becomes a very manoeuvring and precise microlight. The assembly can withstand 450kg (up to +6G -3G) but it prefers light weights in order to correctly perform and manoeuver. Its precision is meant for evolution close to the landscape and competition. Its cruising speed can be manually trimmed on the ground or electrically assisted in the air between 75 and 100km/h. The seperated seats bring the comfort that Phasell was lacking.

The Rotax 582 is a 2 stroke 64HP Motor very common in light aviation. It is famous for it's reliability and has been produced for many years. The handling and accuracy of the wing associated to this reliable and powerful trike is meant for pilots who like to fly there wings and competitors.