



FICHE TECHNIQUE ET DESCRIPTION

IPSOS 16.9 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

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



Technical characteristics and performances

at 260kg at 450kg

Width	10.4 m	10.4 m
Surface	16.9m ²	16.9 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	500 kg	500 kg
Motor Power	64 Cv	64 Cv
Stalling speed	48km/h	53 km/h
Maximum Speed	150 km/h	150km/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

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 16.9 it becomes a very interesting combo for Cross country and Aerial works. The assembly can withstand 500kg (up to +6G -3G). It covers the biggest range of speeds among IPSOS wings. From 48km/h to 150km/h with a trimable cruising speed on ground manually 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 wing stability associated to this reliable and powerful trike makes for a great tool to take load, survey manoeuvres, towing wings or banners, crop spraying and more.