



THE QUEST FOR
PERFECTION

PIONEER
300 GRIFFON
330 ACRO
300

ALPI AVIATION Srl

HQ
Via dei Templari, 24
33080 San Quirino
Pordenone / Italy

PHONE
+39 0434 370 496
FAX
+39 0434 360 713

MAIL
info@alpiaviation.com
WEB
www.alpiaviation.com

N 45°59'9 E 012°39'20





PIONEER
300
GRIFFON

Cruise Speed
250
KM/H

Range
1200
KM



THE QUEST
FOR
PERFECTION



TECHNICAL DATA

POWERPLANT

Engine Rotax 912 ULS
Power 100 Hp
3-blade ground adj. propeller

PERFORMANCES @ MTOW - NN

Max level speed 280 Km/h
Cruise speed (@75%) 250 Km/h
Max Endurance 5.5 h
Max range (@75%-2x54 tank)
1200 Km

Takeoff roll @525Kg 140 m @600Kg
190 m

Stall speed 75 Km/h @600 Kg

Vx 100 Km/h
Vy 120 Km/h

Best climb rate ft/min 1300@525 Kg
1100 @600 Kg

Glide ratio 13:1

Service ceiling 5000 m

WEIGHT

MTOW 525 Kg up to 600 Kg

STANDARD CONFIGURATION

Retractable gear
3-blade ground adj. propeller
2x42 l wing fuel tank
226 l luggage capacity
Front footboard
Easy opening cowl

Electric flap
Elevator electric trim

Water resistant Canopy cover
Leather interiors
Sticker livery

Essential tool case
Flight & maintenance manual

OPTIONAL

Engine Rotax 915iS 140 Hp
Engine Rotax 914T 115 Hp

Variable pitch CS propeller

Ballistic Parachute

2x54 l Fuel tank

Adjustable seats

Funke-Trig-Garmin Radio

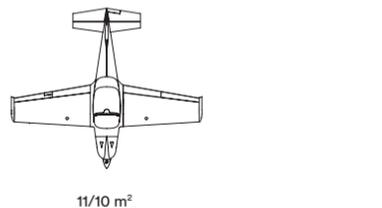
Funke-Trig-Garmin mode "S"
Transponder

AvMap-Garmin GPS

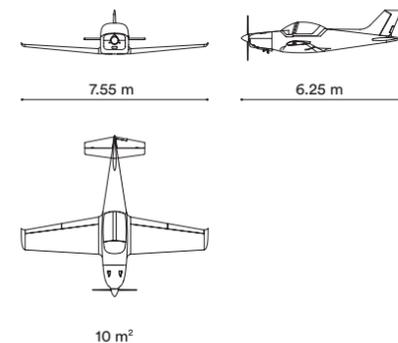
Dynon-Garmin-Flybox IFIS/Glass
cockpit

**CERTIFICATION
AND OPERATIONS**

UL - Experimental



Two-seater designed for most demanding pilots, it's a further development of our Pioneer 300 with improved aerodynamic and wider interiors. The Griffon perfectly expresses our high-performance aptitude combined with generous proportions. Alpi Aviation engineers didn't stop with performance, durability and elegance when they reinvent the Pioneer 300. A wider and taller cabin now offers generous shoulder and headroom, providing valuable space for its occupants and an easy access thanks to the front footboard. Real novelties in the category are the electric adjustable seats and the sound proof interiors, 100% comfort for you and your passenger! The enlarged baggage compartment allows you stow everything for your cross-country trip. The sliding canopy gives you an all round visibility and the new generation cockpit allows integrated avionics systems in a plug & play solution. The easy opening cowl allow fast and clear engine inspection before your takeoff. Interiors and paintscheme can be customized in a wide range of leather and colour combination.



TECHNICAL DATA

POWERPLANT

Engine Rotax 912 ULS
 Power 100 Hp
 2-blade variable pitch CS propeller

PERFORMANCES @ MTOW

Max level speed 260 Km/h
 Cruise speed (@75%) 230 Km/h
 Max Endurance 4.00 h
 Max range @75% 900 Km
 Takeoff roll @525Kg 160 m
 @600Kg 200 m
 Stall speed 75 Km/h @600 Kg
 Vx 100 Km/h
 Vy 120 Km/h
 Best climb rate ft/min 1200@525 Kg
 1000 @600 Kg
 Glide ratio 12:1
 Service ceiling 5000 m

WEIGHT

MTOW 525 Kg up to 600 Kg
 In flight load factor +6/-3 @ 525 Kg

STANDARD CONFIGURATION

Retractable gear
 2-blade variable pitch CS propeller
 2x42 l wing fuel tank
 226 l luggage capacity
 Electric flap
 Elevator electric trim
 Water resistant Canopy cover
 Leather interiors
 Sticker livery
 Essential tool case
 Flight & maintenance manual

INSTRUMENTS

Compass
 Air speed indicator
 Altimeter
 Variometer
 Bank indicator
 G-meter

RPM & Hour meter

Fuel level indicator
 CHT indicator
 Oil Temperature gauge
 Oil Pressure gauge
 Voltmeter

OPTIONAL

Engine Rotax 915iS 140 Hp
 Engine Rotax 914T 115 Hp
 Ballistic Parachute
 Funke-Trig-Garmin Radio
 Funke-Trig-Garmin mode "S"
 Transponder
 AvMap-Garmin GPS

CERTIFICATION AND OPERATIONS

UL - Experimental

PIONEER
330
 ACRO



Cruise Speed
230
 KM/H
 Range
900
 KM

ADRENALINE AT YOUR FINGERTIPS

Two-seater for sensation-seekers. The construction of this aircraft follows a special design in wood-composite, even if it looks like a Pioneer 300 it has a single spar wing and bigger ailerons. Dedicated to pilots with aerobatics experience, it combines grit, acrobatics performance without sacrificing comfort. It can be equipped with smoke system and a ballistic parachute.



PIONEER 300

Cruise Speed
250
KM/H

Range
1200
KM



TIMELESS
BEAUTY



TECHNICAL DATA

POWERPLANT

Engine Rotax 912 ULS
Horsepower 100 Hp
Variable pitch propeller 2 blades

PERFORMANCES @ MTOW

Max level speed 280 Km/h
Cruise speed (@75%) 250 Km/h
Max Endurance 4.8 h
Max range (@75%-standard tank) 1200 Km
Takeoff roll @525Kg 140 m @600Kg 190 m
Stall speed 75 Km/h @600 Kg
Vx 100 Km/h
Vy 120 Km/h
Best climb rate ft/min 1300@525 Kg 1100 @600 Kg
Glide ratio 13:1
Service ceiling 5000 m

WEIGHT

MTOW 525 Kg up to 600 Kg

STANDARD CONFIGURATION

Retractable gear
2-blade fixed pitch propeller
2x42 l wing fuel tank
226 l luggage capacity
Electric flap
Elevator electric trim
Water resistant Canopy cover
Leather interiors
Sticker livery
Essential tool case
Flight & maintenance manual

INSTRUMENTS

Compass
Air speed indicator
Altimeter
Variometer
Bank indicator
RPM & Hour meter

Fuel level indicator

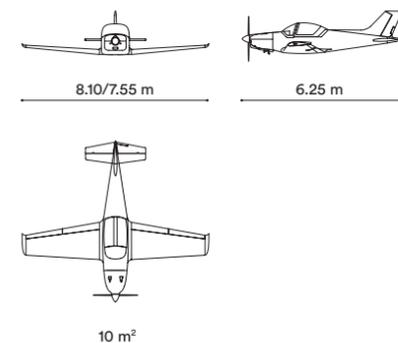
CHT indicator
Oil Temperature gauge
Oil Pressure gauge
Voltmeter

OPTIONAL

Engine Rotax 915iS 140 Hp
Engine Rotax 914T 115 Hp
Variable pitch CS propeller
Ballistic Parachute
Funke-Trig-Garmin Radio
Funke-Trig-Garmin mode "S" Transponder
AvMap-Garmin GPS
Dynon-Garmin-Flybox IFIS/Glass cockpit

CERTIFICATION AND OPERATIONS

UL - Experimental



Pioneer 300 features a cruising speed of 250 km/h, a standard retractable landing gear and the ability to easily land on short grass runways. On top of this, the sliding aerodynamic canopy offers comfort and good visibility. Pioneer 300 is the key player in the history of Alpi Aviation, it won two speed competitions and stands out for its manoeuvrability, versatility and timeless design. The Pioneer 300 is sporty, reliable, with a simple but very precise handling. The natural strength of wood combined with composite results in the highest level of stability, comfort and lightweight. This is the best choice for both beginners, ambitious as well as expert pilots.





20 YEARS OF EXPERIENCE

Alpi Aviation designs and manufactures a comprehensive range of 'light' and 'ultralight' aircraft. Our range includes 'fixed wing', helicopters, and unarmed military drones. Since 1999 we have successfully designed, built and marketed an impressive range of safe, rugged, high-performing and elegant aircraft. Perfect for the discerning pilot from beginner to experienced including aerobatic pilots in Europe and across the world.

Our products are available in "Ready to fly" and in 'Kit' form, licensed under the 'UL', 'LSA' and 'Experimental' categories.

In our 'Pioneer' product line, we combine hand selected woods, carbon/composites and aramids that allows for the creation of more efficient aerodynamic sections, with

exceptional corrosion rejection and incredibly high resistance to stress. More strength and less weight equals better performance and extends the longevity for the life cycle of our customers' investment. The fusion of technology, space age composites and precision-engineering/mechanics make our small but powerful helicopter a leader in its class.

With our international sales and support team, will be there with you every step of the way to help you to choose the best fit for you and with a wide range of options you can perfectly customise your aircraft.

We at Alpi Aviation pride ourselves on being agile, flexible and fast, with an unwavering commitment to providing long-term spare part availability and a comprehensive after sales support and service.

