



UNLEASH
THE POWER

SYTON
AH 130

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





SYTON AH 130

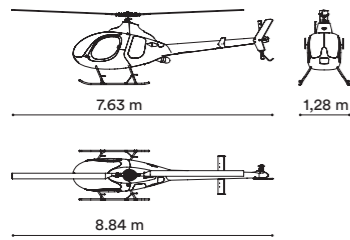
UNLEASH THE POWER

The ultimate fun turbine helicopter. Syton is the easier, versatile two-seater light helicopter in the market. Syton is powered by a high-performance gas turbine with FADEC, which provides power, reliability in hot and high altitude conditions. Its composite fuselage is light, strong and maintenance free, designed to feature the best of aerodynamics, technology and design. The frame, made of AISI 4130, is nitrogen charged to easily detect leaks or cracks. The rotor system consists of two composite blades. This allows a storage in private hangar or an easy transport on a trail. The low running costs and immediate spare parts availability just complete the astonishing features of this unique helicopter.

Cruise Speed
185
KM/H

Range
600
KM





TECHNICAL DATA

POWERPLANT

Turboshaft Gas Turbine
Power 160 hp
FADEC

FUEL SYSTEM

Approved fuel Jet A-1
Capacity 180 l
(with auxiliary fuel tank)

ROTOR SYSTEM

2-blade Carbon fiber

PERFORMANCES @ MTOW

Max level speed 210 Km/h
Cruise speed 185 Km/h
Max Endurance 3.5 h
Max range (with auxiliary fuel tank)
Km 600
Best climb rate ft/min 1600
Hover ceiling in ground effect
3500 m (9840 ft)
Hover ceiling out of ground effect
3000 m (ft)

Payload up to 170 Kg

WEIGHT

MTOW up to 600 Kg

STANDARD CONFIGURATION

FADEC System
Conventional dual control
Auxiliary battery connector

Body fairing

Landing gear fairing

110 l fuel tank

90 l luggage capacity

Handling wheels

Canopy cover

Leather interiors

Sticker livery

Essential tool case

Flight & maintenance manual

INSTRUMENTS

Compass

Air speed indicator

Altimeter

Variometer

Main rotor RPM

Hour counter

Exhaust gas temperature

Torque gauge

Frame pressure gauge

Gearbox oil pressure gauge

Voltmeter

Alternator alarm

Low fuel alarm

Low RPM alarm

OPTIONAL

72 l Auxiliary fuel tank

Cabin heater

Cargo hook

Landing light

Nav/strobe lights

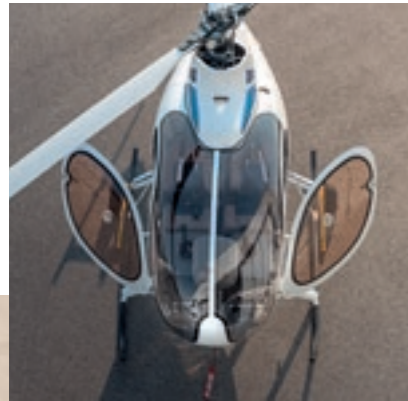
Funke-Trig Radio

Funke-Trig Transponder

AvMap-Garmin GPS

CERTIFICATION AND OPERATIONS

UL - Experimental



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.

