



## SKY ARROW

**Sky Arrow aircraft** is definitely unique and distinctive. Sleek and stylish, designed and manufactured in Italy, certified according to **EASA CS-VLA** and **FAA FAR23**.

From recreational flying to observation or sensor-equipped aerial work, its high wing, pushing configuration with a wrap-around canopy and a roomy, super-comfortable tandem seating allows for the widest range of utilizations.

It can also be equipped with **disable Kit**.

**LSA, Homebuilt, Certified** and **AWP** configuration: come and choose the version that suits your needs.



MAGNAGHI AERONAUTICA S.p.A.

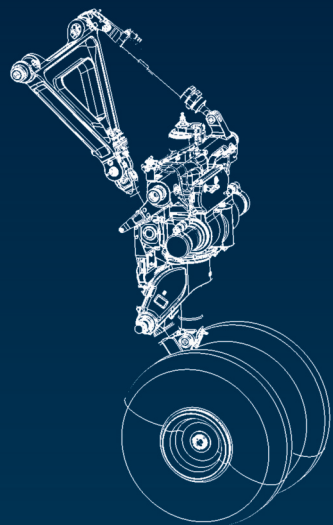
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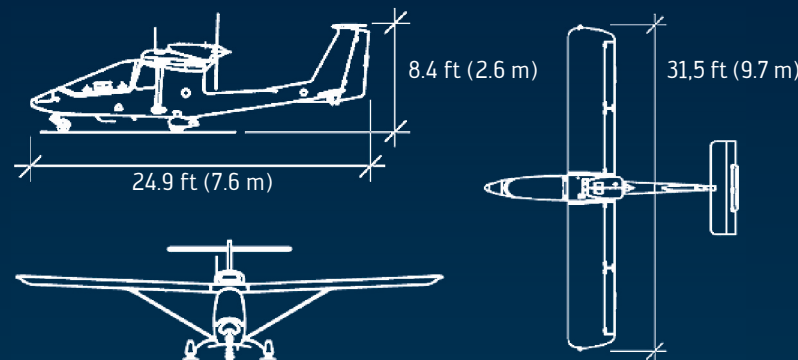
## Magnaghi Aeronautica

**Magnaghi Aeronautica S.p.A.**, is an aerospace company, located in Naples industrial area and leader of the group which includes "Salver" (production of components in composite materials) and "Metal Sud" (supplier of a wide range of surface treatments) companies.

The constant attention to preserve and develop all the in-house professional skills, and the research of new technologies to anticipate the needs of aircraft manufacturers, is the company commitment to be one of the leading of landing gears and hydraulic components manufacturers.



## SKY ARROW



CRUISE SPEED (@ 75% power, 5,000 ft) 108 kts (124 MPH-200 km/h)

STALL SPEED (Full Flaps) 38 kts (44 MPH-68 km/h)

RATE OF CLIMB 1,100 fpm (5.6 m/s)

TAKE OFF ROLL 470 ft (143 m)

TAKE OFF DISTANCE (over 50 ft obstacle) 890 ft (270 m)

LANDING ROLL 360 ft (110 m)

LANDING DISTANCE (over 50 ft obstacle) 660 ft (201 m)

SERVICE CEILING 13,500 ft (4,100 m)

FUEL CONSUMPTION (@ 75% power) 4,9 gals/h (18,5 lt/h)

ENDURANCE (@ 75% power, no reserve) 6h 05'

MAX RANGE (@ 75% power, no reserve) 600 NM (1,110 km)

→ [more information on skyarrow.it website](http://more information on skyarrow.it website)

## LSA

**New wing fuel tanks** +65% endurance (over 600 NM range)

**New aerodynamics** better cruise, climb performance

**New state-of-the-art avionics** less workload, more situational awareness

**100% composite airframe** long life, no corrosion issues

**Tandem seating** and side sticks outstanding comfort

**Pushing configuration** and wrap-around canopy unparalleled outside visibility



## AWP

**ONE / Observation, News and Law Enforcement**

Equipped with a belly mounted gyro stabilized surveillance camera in the visible and I/R ranges, onboard image processing, laser pointer and rangefinder.

**WFD / Early Detection of Wildfires**

Equipped with the EptaView™ sensor set, the Sky Arrow WFD is a low cost, highly effective Early Wildfire Detection Platform.

**TMA / Territory Monitoring and Analysis**

Equipped with sensors producing Multispectral Land Mapping, an innovative method for aerial monitoring of territory resources based on pictures taken from multispectral devices.

**ERA / Environmental Research**

A versatile and cost-effective aerial platform for environmental monitoring, Several Sky Arrow ERA's have been operating within worldwide research projects.