



# MAGNAGHI AERONAUTICA

## SKY ARROW LSA

### PERFORMANCE (@ MTOW, ISA conditions, sea level)

NEVER EXCEED SPEED (VNE)	132 kts (152 MPH-244 km/h)
MAXIMUM SPEED	115 kts (132 MPH-213 km/h)
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)

### POWERPLANT

ENGINE	ROTAX 912 ULS 98 hp (73.5 KW) @ 5,800 rpm
PROPELLER	3 blades, ground adjustable pitch

### SPECIFICATIONS

LENGTH	24.9 ft (7.6 m)
HEIGHT	8.4 ft (2.6 m)
WING SPAN	31,5 ft (9.7 m)
WING AREA	145 sq ft (13.5 m <sup>2</sup> )
SEATS	2, tandem configuration
STANDARD EMPTY WEIGHT	840 lbs (380 kg)
MAX TAKE OFF WEIGHT	1,320 lbs (599 kg)
MAX FUEL CAPACITY	29.5 gals
FUEL SPECIFICATION	Mogas MON 91 oct. unleaded or Avgas 100LL

