

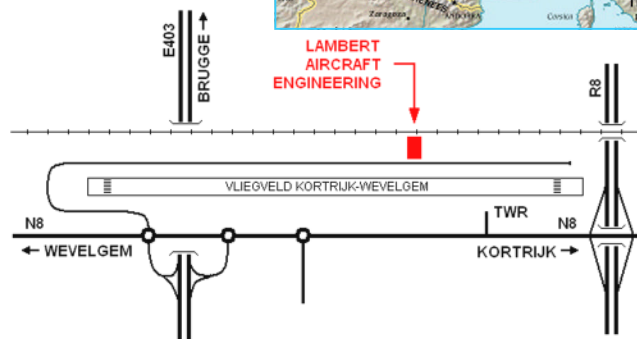
Mission M108 Specifications

Wing span	31 ft 4 in (9.57 m)
Wing area	131 sq ft (12.2 m ²)
Aspect ratio	7.45
Tailplane span	7 ft 11 in (2.40 m)
Length	20 ft (6.10 m)
Height	7 ft 6 in (2.25 m) nosewheel 6 ft 4 in (1.90 m) taildragger
Wheel track	5 ft 11 in (1.77 m)
Baggage capacity	90 lbs (40 kg)
Cabin width	43 in (1.08 m)
Fuel capacity (standard)	20.5 US gal (78 litres)
Fuel capacity (long range)	29.0 US gal (110 litres)
Never exceed speed	120 kt (222 km/h)
Max. crosswind comp.	12 kt (22 km/h) taildragger 16 kt (30 km/h) nosewheel
Limit load factors	+3.8/-1.9g



Mission M108 Performance

Engine Make	Rotax
Type	912iS Sport
Number of cylinders	4
Displacement	82.6 cu in (1352 cm ³)
Engine power	100 HP (73 kW) at 5800 rpm
Time between overhaul (TBO)	2000 hours
Fuel type	Mogas, Avgas 91UL & 100LL
Empty weight	820-875 lbs (375-400 kg)
Maximum take-off weight	1320-1455 lbs (600-660 kg)
Maximum level speed	105 kt (195 km/h)
Rate of climb	950 ft/min (4.75 m/s)
Cruising speed	85-95 kt (160-175 km/h)
Fuel burn (typical)	3.2-3.9 US gph (12-15 litres/h)
Range (std fuel, 20 min reserve)	450 nm (850 km)
Range (long range, 20 min reserve)	680 nm (1250 km)
Stall speed, full flaps	38 kt (70 km/h)
Take-off ground roll	250-400 ft (80-130 m)



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www.flyM108.co.uk

Due to our continuing programme of product improvement and development, all prices, specifications and performance figures are subject to change without prior notice. **Mission** is a registered trademark. April 2017

MISSION M108

POWERED BY
ROTAX
912iS

UK Sales & Support
call 03300 500 108



*Whatever your mission,
always fly Mission*



LAMBERT AIRCRAFT ENGINEERING





LAMBERT MISSION® M108...

...the affordable top class sportplane

- ✓ *quality and durability of a real aircraft*
- ✓ *advanced state of the art technology*
- ✓ *all the benefits of a permit aircraft*

UK LAA approved
Fastbuild Kit and
Build Assist Program



Comfort and safety...

- easy to fly, excellent handling qualities
- 3-axis controls
- full dual controls with individual control sticks
- manual flaps for short take-off and landing
- wing folding by one person in less than 5 minutes
- large and comfortable cabin (43" wide)
- individually adjustable seats
- very large baggage area
- large transparent areas giving excellent visibility
- low noise propeller and engine exhaust
- very durable and robust construction
- state of the art glass-cockpit as standard
- nosewheel or taildragger versions available
- steerable nosewheel and hydraulic brakes
- airframe emergency parachute



Simply the best in its category

Mission M108 is the name of a 2-seat Light Sport category aircraft, developed to modern standards and the requirements of the most demanding operators in the world of recreational flying.

Developed by a professional and experienced team, the **Mission M108** is not only equipped with the most advanced engine and avionics, but has also numerous refined features. Therefore the **Mission M108** has a lot more to offer than any other aircraft could do until today.

Its robustness makes the **Mission M108** the perfect workhorse in a training environment or for any other professional or intensive use. Durability and ease of inspection minimize maintenance costs and increase the serviceability of the aircraft.

On the other hand, the **Mission M108** is also an ideal aircraft for private use and recreational flying. The large baggage area allows two folding bicycles to be carried. With an endurance of more than 7 hours, the world suddenly looks so much smaller! Back home again, the quick folding wings guarantee convenient storage at minimum cost.

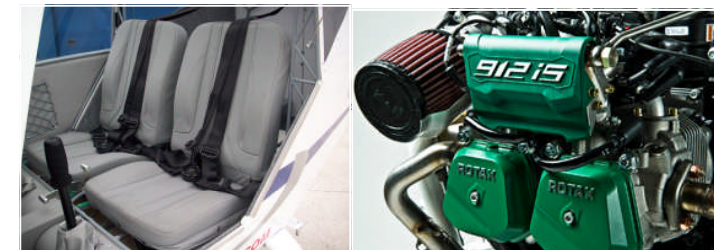
With many options to choose from, we will customize each **Mission M108** to your individual needs and requirements. Because we want your **Mission M108** to be the best!

Durability and reliability...

- fabric covered wing structure, aluminium spars
- fabric covered fuselage welded from high-strength steel
- extremely robust main landing gear with legs from fibreglass reinforced composite material
- low maintenance, easy to inspect

The most advanced engine... Rotax 912iS

- based on proven Rotax 912 concept, 2000 hours TBO
- electronic Engine Management System (FADEC) with redundant fuel injection and dual electronic ignition
- no controls for mixture, choke or carburettor de-icing
- low noise, low vibration
- highly fuel efficient engine, runs on mogas or avgas



The complete package...

- UK LAA approved advanced kit for minimum build time
- optional Build Assist Program with only 3 weeks build time
- full factory support: maintenance course, spares, ...