

SLICK
AIRCRAFT



SLICK 540 CONFIGURATION

Single seat, mid wing, unlimited aerobatic with conventional landing gear (taildragger)

DIMENSIONS

Wing Span	7.30 m / 23.9 ft
Wing Area	8.63 sq m / 92.9 sq ft
Length	6.05 m / 19.8 ft
Height (at rudder)	1.71 m / 5.6 ft

WEIGHTS

Empty weight	550 kg / 1210 lbs
Max take-off weight - aerobatic	716 kg / 1575 lbs
Max take-off weight - ferry.....	795 kg / 1750 lbs

AIRSPEEDS

Never exceed speed (VNE)	260 mph / 226 kts
Stall Speed	68 mph / 59 kts
Manoeuvre Speed	215 mph / 187 kts
Max level speed (sea level IAS)	207 mph / 180 kts

PERFORMANCE

Wing loading (typical aerobatic).....	78.8 kg/sq m / 16.1 lb/sq ft
Power loading (typical aerobatic)	2.84 kg/kW / 4.68 lb/hp
Max roll rate	360+ deg/sec
Max rate of climb (625 kg - sea level)	3450 ft/min
Max range	350 nm + 30 min reserve
Load factor	+10G / -10G

FUEL

Total Fuel Capacity	140l / 36 US gal
Capacity (Main tank)	62l / 16 US gal
Wing tanks (2)	39l / 10 US gal each

POWERPLANT AND PROPELLER

Lycoming	AEIO-540 (modified)
Rated Horsepower	294 hp
Rated Speed	2700 rpm
Exhaust	Sky Dynamics 6-in-1
Propeller - Muehlbauer	MTV-9-B-C/C198/25, 3 blade constant speed

SLICK AIRCRAFT COMPANY

email : info@slickaircraft.co.za

www.slickaircraft.com

