

# Sherwood SCOUT

## THE QUINTESSENTIAL VERSATILE GO ANYWHERE AIRCRAFT

Available in tail or nose-wheel configuration, with outstanding performance abilities, side by side seating in a 44" wide and spacious cockpit, fully adjustable seats and loads of headroom, it is unique in the industry. The Scout is a rugged yet refined aircraft coming from a fine heritage of high quality aircraft. Industry standard 4130 Chrome Moly steel tube CNC machined and welded in the UK by British craftsmen is used in addition to aircraft grade aluminium and components. A wide range of aircraft engines ranging from 80 to 125hp can be fitted to let you choose the performance versus operating cost combination that is right for you.

Whether you are operating from a paved airfield, green field or farm strip the Scout has the capability to get you where you want to go. The 500 litre cargo bay will haul what you need for that backwoods fishing trip or sortie into Europe for lunch and a bit of shopping. The Scout's well harmonised 3 axis flying controls with well-balanced conventional ailerons and highly effective flaps make for relaxed flying. When it's time to come back down to earth the Sherwood Scout has a two minute wing fold for hangarage and five minutes is all that is needed to load onto the trailer and head for home ... saving on expensive storage.

The Sherwood Scout can trace its heritage back to the dawn of volume kitplane construction in the early 1980's. Today, UK production embodies significant advances after years of refinement. New horizons and places to visit can be opened up, no longer are unprepared 200 metre strips out of bounds, they are now what you could be looking for, allowing you to add a new dimension to your passion for aviation... the spirit of adventure, where runways are optional. A well proven performer, the Sherwood Scout is an easy to fly aircraft that guarantees many years of satisfaction and great ownership experience whilst being a sound investment that will keep a very high resale value after years of service.

The Sherwood Scout embodies key features that make it one of the benchmark two seat light aircraft available today. The incredible visibility, robust landing gear and high lift wings that incorporate three stage flaps and highly effective ailerons make it possibly one of the sturdiest, but docile aircraft in the market today.



Made with Pride in the UK

# Sherwood Scout

Specification	
Wingspan	8.7 m, 28' 6"
Wing Chord	1.16 m, 46"
Wing Area	10.4 m sq, 10.8 ft sq
Load Factors (Limit)	+4g -2g
MTOW (BMAA)	450 kg Microlight
MTOW (LAA VLA)	499 kg SEP
Length	5.8 m, 19'
Length Wings Folded	6.25 m, 20' 6"
Height (Taildragger)	1.75 m, 5' 9"
Height (Nosewheel)	2.31 m, 7' 7"
Width (Wings Folded)	2.46 m, 8'
Chord	Constant
Dihedral	3 Degrees
Sweep back	0 Degrees
Wing Loading	46 kg m sq, 9.3 lb ft sq
Aspect Ratio	7.43:1
Elevator Span	2.44 m, 8'
Tailplane Span	2.15 m, 7' 1/2"
Flaps	3 Stage
Seats	2 fully adjustable
Fuel Capacity	70 or 100 ltr
Wheel Track	1.98 m, 6' 5"
Wheel Base	4.4 m, 14' 5"
Main Wheels Dia	6"
Tailwheel	6" Solid steerable
Brakes	6" Hydraulic disc
Tyres (Standard)	15x6.00 x 6
Tyres (Optional)	8.00 x 6 Tundra
Baggage Capacity	35 kg (500 ltr vol)
Cabin Width	1.13 m, 44"

Performance	
G Limits	+4g - 2g
Eco Cruise Speed	80 kt, 92 mph
Max Level Speed	110 kt, 126 mph
VNE	115 kt, 132 mph
Take-off Roll	90 m, 295 ft
Take-off Distance	275 m, 900'
Landing Roll	100 m, 328'
Max Climb Rate	1000 ft / min
Power to Weight Ratio	5.6 - 4.6 kg / hp
Fuel Capacity (Std)	2 x 35 ltr
Fuel Capacity (Option)	2 x 50 ltr
1 Header Tank	4 ltr, 0.88 gal
Stall (Clean)	36 kt, 41 mph
Stall (40' Flaps)	34 kt, 39 mph
Endurance	5 Hours+

Engines	Fuel Burn	Empty Weight
Rotax 912UL, 912ULS	15	262 kg, 576 lb
Jabaru 2200	16	255 kg, 561 lb
D Motor	14.5	245 kg, 539 lb
UL Power	14.5	266 kg, 585 lb

Avionics and Electrical (Typical factory build)
Instrument Panel with 'Winter' ASI, Alt, slip ball, compass, MGL multi function engine instrument, switches, circuit breakers. Enhanced panels including glass cockpit are available upon request.

Firewall Forward Engine Options
D Motor 2.7 litre 95hp water cooled flat four multipoint fuel injected side valve engine, stainless steel exhaust system, proprietary ECU and data logging system. 25 amp alternator 1.1kw starter motor
Jabiru 2200 85hp 4 cylinder overhead valve air-cooled carburetted and self sustaining ignition and stainless steel exhaust system, 200 watt generator 1.1kw starter
Rotax 912UL or 912ULS , 4 cylinder water cooled 4 stroke rated at 80hp (UL) and 100 (ULS) dual carburettors, dual capacitive discharge ignition, electric start, integrated reduction gearbox, 250 watt DC generator.
UL Power 2.6 litre 95 hp aircooled flat four fuel injected overhead valve engine, stainless steel exhaust proprietary ECU and data logging system. 200 watt generator and 100 watt starter motor.

Optional Extras
Some of the options available include nosewheel option, Backwoods taildragger undercarriage (model dependant) custom fabric or leather upholstery package, three styles of performance 4 point harnesses, high performance 2 blade wooden prop with protected leading edge, standard or tundra tyres, proprietary light weight spinner assembly

Covering - ORATEX 600
The revolutionary German aircraft covering system. It needs no paint, comes in different colours and can be painted with Oracolor for a long lasting crack-free finish.



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