

Sherwood **KUB**

If you are the kind of aviator that likes to be in control of your own destiny then the Sherwood KUB is for you. Falling into the UK Single Seat De-Regulated (SSDR) category, the Sherwood KUB allows you to bypass all of the bureaucracy and just get on with flying. The SSDR category requires only a microlight licence, medical and insurance. The rest is down to you. The Sherwood KUB is probably the only UK manufactured, fully enclosed cockpit, full 3 axis SSDR aircraft available on the market today that is available in either factory build or kit form. Constructed from 4130 Chrome Moly aircraft steel tube and quality aircraft components, it has a maximum take-off weight of up to 250kgs.

The KUB can be powered by engines up to 50hp which makes it a sparking performer that gets in and out of incredibly small strips and sips fuel. Its full size spacious cockpit has great head room and outstanding visibility, so whether you are just having a bumble around the patch or doing some strip to strip touring, the KUB just ticks the boxes. When you are done flying, the KUB's party trick is a 2 minute wing fold (without disconnecting any flying controls) and less than 5 minutes to load onto a road transport trailer... the fastest wing fold in the business



Made with Pride in the UK

Sherwood KUB

Specification	
Wingspan	8.94 m, 29' 3 "
Wing Chord	1.17 m, 3' 10"
Wing Area	10.5 m sq, 113 ft sq
Load Factors (Limit)	+4g -2g
Max Take-off Weight	250 kg, 660lb
Payload From	135 kg, 238 lb
Length	5 m, 16' 5"
Length Wings Folded	6.1 m, 20'
Height Overall	1.58 m, 5' 2"
Width (Wings Folded)	2.46 m, 8'
Chord	Constant
Dihedral	1.5 degrees
Sweep Back	N/A
Wing Loading	23.8 kg / m sq
Aspect Ratio	7.64:1
Elevator Span	2.35 m, 7' 10"
Flaps	2
Seats	1
Fuel Capacity	23.5 ltr, 5.1 gal
Wheel Track	3.86 m, 12' 7"
Wheel Base	1.42 m, 4' 7"
Main Wheels dia	6"
Tailwheel	4" Solid steerable
Brakes	6" Disc hydraulic
Tyres (Standard)	4.00 x 6
Cabin Width	63.5cm, 2' 1"

Performance	
Cruise Speed Hirth	50 kt, 58 mph
Cruise Speed Wankel	55 kt, 64 mph
VNE	86 kt, 99 mph
Take-off Roll	50 m, 164'
Take-off Distance	50 m, 164'
Landing Roll	50 m, 164'
Max Climb Rate	800' / min
Power to Weight Ratio	8.33 kg / hp
Fuel Capacity (Std)	23.5 ltr, 5.1 gal
Fuel Capacity (Option)	47 ltr total, 10.3 gal
Stall (Clean)	29 kt, 33 mph
Stall (Flaps)	22 kt, 25 mph
Range (miles) 1 tank	200 miles
Range (time)	3.5 hours

Engines	Fuel Burn	Empty Weight
Hirth F33 30Hp	6 ltr / hr	115 kg, 253 lb
Wankel rotary 35 hp	7 ltr / hr	115 kg, 253 lb

Avionics and Electrical

Instrument Panel with 'Winter' ASI, Alt, slip ball, compass or MGL
Primary Flight Display glass cockpit.

Firewall Forward - Engine Options

Hirth F33 Air cooled single cylinder 2 stroke - Pull or electric start with single or dual ignition with propeller reduction drive system. 50 watt 4.1 amp generator 12 volt

Wankel compact single rotor water cooled engine, 294cc, PVL solid state ignition system (not battery dependant), onboard electric start with propeller reduction drive system. 50 watt 12 volt generator

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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