

DESCRIPTION

4-cylinder, 4-stroke liquid/air cooled engine with opposed cylinders, dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappet, 2 carburetors, mechanical fuel pump, dual electronic ignition, electric starter, propeller speed reduction unit, engine mount assembly, air intake system, exhaust system



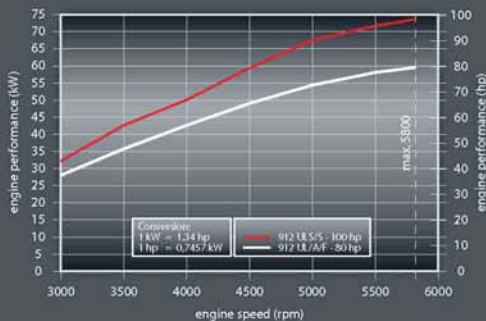
1.500 hrs.
TBO
ROTAX

IN COMPLIANCE WITH ASTM 2339-01
AIRCRAFT
ENGINE
ROTAX

STATE OF THE ART
ROTAX
WORLD STANDARD

Picture: 912 ULS - DCDI with options

ENGINE PERFORMANCE



VERSION	PERFORMANCE			TORQUE			MAX RPM
	kW	hp	1/min	Nm	ft. lb.	1/min	1/min
● 912 ULS ¹⁾ /S ²⁾	73.5	100	5800	128	94	5100	5800
● 912 UL ¹⁾ /A ³⁾ /F ²⁾	59.6	80	5800	103	75.9	4800	5800

Limited for max. 5 min.

	BORE	STROKE	DISPLACEMENT	FUEL		
	● 84 mm	3.31 in	61 mm	2.4 in	1352 cm ³	82.6 cu. in.
● 79.5 mm	3.13 in	61 mm	2.4 in	1211.2 cm ³	73.91 cu. in.	min. MON 83 RON 91* min. AKI 87*

* leaded or unleaded or AVGAS 100LL

WEIGHT	kg	lb
● engine with propeller speed reduction unit i = 2.43	56.6	124.8
● engine with propeller speed reduction unit i = 2.27 (opt. i = 2.43)	55.4	122.0
● overload clutch	1.7	3.7
● exhaust system	4.0	8.8
● vacuum pump	0.8	1.8
● hydraulic propeller governor	2.7	5.9
● external alternator	3.0	6.6

- 912 - 100 hp
- 912 - 80 hp

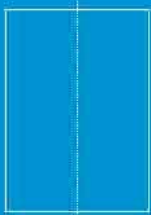
1) ULS and UL = non certified, 2) FS = certified acc. to FAR 33, 3) A = certified acc. to JAR 22



WARNING: The ROTAX UL aircraft engines do not comply with federal safety regulations for standard aircraft. This engine is for use in experimental and ultralight uncertified aircraft only and only in circumstances in which an engine failure will not compromise safety. Before operating the engine read operator's manual. Information is available from your local authorized ROTAX®-distributor.

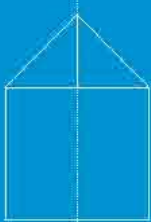
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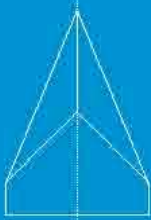
1

First fold a A4 size sheet of paper lengthwise along the dotted line and open it again. The fold becomes your centre line.



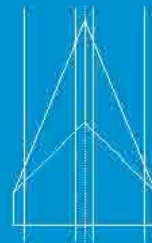
2

Fold the upper corners down towards the centre line.



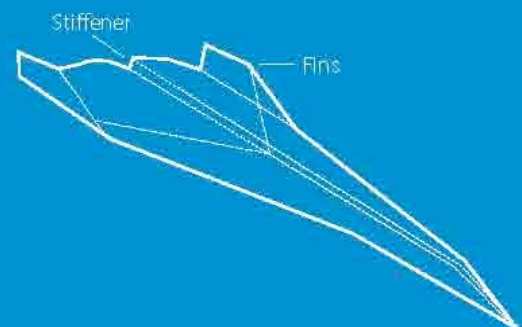
3

Fold the tip formed in this manner again to the centre.



4

To form a straight stiffener, fold inward again along the centre line then fold outward about 1 to 1.5 cm from the centre line. Fold the fins upward 1 to 1.5 cm from the edge of the wings.



White lines: Fold downwards (away)
 Red Lines: Fold upwards