

DESCRIPTION

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



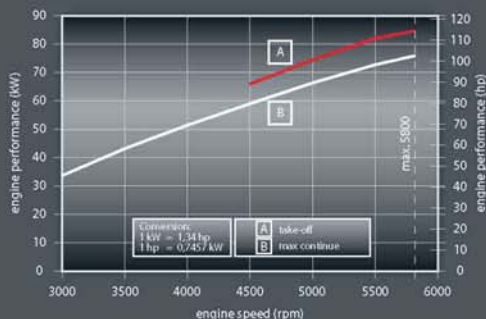
1,200 hrs.
TBO
ROTAX
Aircraft Engines

IN COMPLIANCE WITH ASTM 2339-14
AIRCRAFT
ENGINE
ROTAX
Aircraft Engines

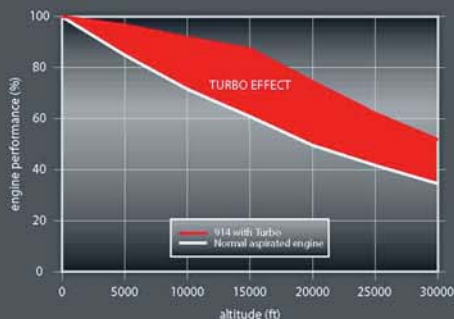
STATE OF THE ART
ROTAX
WORLD STANDARD

Picture: 914 UL 3 - DCDI with options

ENGINE PERFORMANCE



ALTITUDE PERFORMANCE



VERSION	PERFORMANCE			TORQUE			MAX RPM
	kW	hp	1/min	Nm	ft. lb.	1/min	1/min
914 UL ¹⁾ /F ²⁾	84.5	115	5800	144	106	4900	5800

Limited for max. 5 min.

BORE	STROKE	DISPLACEMENT	FUEL
79.5 mm	3.13 in	1211.2 cm ³	min. MON 85 RON 95* min. AKI 91*

* leaded or unleaded or AVGAS 100LL

WEIGHT	kg	lb
engine with propeller speed reduction unit $i = 2.43$	64.0	140.8
exhaust system	4.0	8.8
engine mount assembly	2.0	3.7
overload clutch	1.7	3.7
vacuum pump	0.8	1.8
hydraulic propeller governor	2.7	5.9
external alternator	3.0	6.6

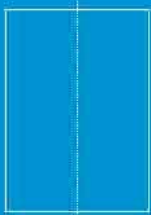
1) UL = non certified, 2) F = certified acc. to FAR 33 and JAR-E



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.

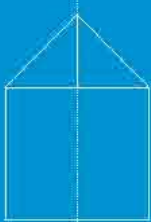
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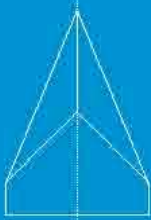
1

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



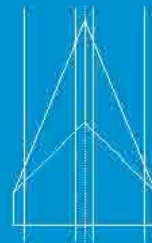
2

Fold the upper corners down towards the centre line.



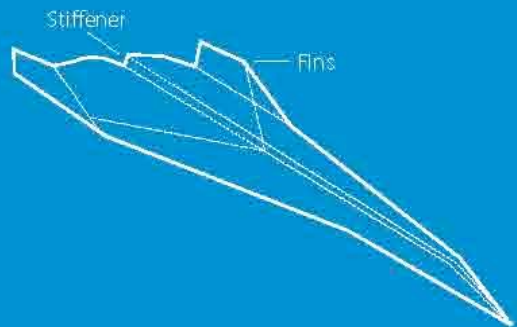
3

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