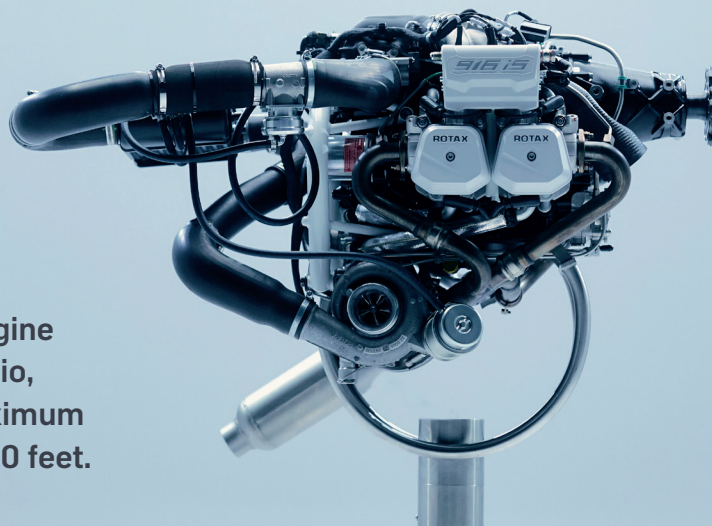


916 iS A | iSc A | iS C24 | iSc C24

160 HP



Dynamic, turbocharged iS engine with best power-to-weight ratio, full take-off power, and a maximum operating altitude up to 23,000 feet.

Rotax 916 iS A with options, delivery state

DESCRIPTION

- Four-stroke piston engine with four liquid and air-cooled cylinders
- Redundant electronic fuel injection and ignition, eco mode
- Turbocharger, stainless steel exhaust
- Dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappets
- Engine management system (EMS)
- Electric starter (12 or 24 Volt)
- Propeller speed reduction gearbox
- Intercooler
- TBO 2,000 hrs
- Maximum operating altitude 23,000 feet
- Critical altitude 15,000 feet (maximum continuous power)

WEIGHT

	kg	lb
Engine with propeller speed reduction gearbox i = 2,54 with overload clutch, turbocharger, intercooler, exhaust system	85.8	189
Engine suspension frame	2.0	4.4
External alternator	3.0	6.6
Air guide baffle	0.4	0.8

PERFORMANCE

117 kW	160 hp	5800 1/min
**101 kW	137 hp	5500 1/min

TORQUE

193 Nm	142 ft lb	5800 1/min
175 Nm	129 ft lb	5500 1/min

BORE		STROKE	
84.0 mm	3.31 in	61.0 mm	2.4 in

DISPLACEMENT		FUEL*
1352 cm ³	82.6 cu in	min. MON 85 RON 95 min. AKI 91

Engine performance may vary depending on, among other things, general conditions, ambient temperature and altitude.

* leaded, unleaded, AVGAS 100LL, Ethanol 10

** max. continuous power at 5500 1/min

iS: ASTM compliant | **iSc:** certified according to EASA CS-E

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