



Continental Motors

For immediate release

Continental Engines for Mooney Aircraft Receive Validated Type Certificate from Chinese Authorities

Beijing, China, December 18, 2014—Continental Motors Beijing Co. Ltd., a subsidiary of Continental Motors Group Ltd, an AVIC International Holding Corporation company announces receipt of Validated Type Certificates for Continental Motors' IO550G and TSIO550G engines from the Civil Aviation Administration of China. These engine models power the high performance Mooney M20 Series Acclaim Type S and Ovation 3 aircraft that are scheduled to start delivery in China before the end of 2014.

“We are very pleased to receive the Validated Type Certificates (VTC)” stated Tian Shan, President, Continental Motors Beijing Co., Ltd. “The engines along with the aircraft and propeller VTC’s allow us to grow into a massive and rapidly growing market” continued Shan.

The legendary Mooney Acclaim Type S (TSIO550G) and Ovation 3 (IO550G) represent the pinnacle of production single piston engine performance with industry leading top speeds of 242 ktas and 197 ktas respectively. The engines are 6 cylinder, air cooled and fuel injected.

Continental Motors'	IO550G	TSIO550G
Type	Normally aspirated	Turbocharged
Displacement	9013 cm ³ (550 cu in)	9013 cm ³ (550 cu in)
Power	209 kw (280 hp)	231 kw (310 hp)
Maximum rated RPM	2500 r/min	2700 r/min
Bore	133.4 mm (5.25 in)	133.4 mm (5.25 in)
Stroke	107.95 mm (4.25 in)	107.95 mm (4.25 in)
Compression Ratio	8.5:1	7.5:1
Height	518.41 mm (20.41 in)	899.9 mm (35.4 in)



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Width	864.62 mm (34.04 in)	912.4 mm (35.9 in)
Dry Weight	186.8 kg (412 lbs)	251.3 kg (554 lbs)
Usable Fuels	100/100LL, B95/130 CIS, or RH95/130	100/100LL per ASTM D910, RH95/130, or B95/130 CIS
Cruise Fuel Consumption Best Power, 100LL	50.7 - 64.4 l/h (13.4 – 17 gal/h)	54.9 – 74.2 l/h (14.5 – 19.6 gal/h)
Cruise Fuel Consumption Best Economy, 100LL	43.2 – 64.4 l/h (11.4 – 17 gal/h)	48.5 – 64 l/h (12.8 – 16.9 gal/h)
TBO	2200 hours/12 years	2200 hours/12 years

Mooney has a long relationship with Continental Motors and exclusively uses its engines to power their aircraft. This relationship will continue and expand with the recently announced Mooney M10 Series aircraft that will be powered by Continental Motors' diesel engines.

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AVIC International Holding Corporation was set up in 1979, with majority shares owned by Aviation Industries of China (AVIC). Headquartered in Beijing, AVIC International delivered over 147 billion RMB in revenue in 2013. The company has over 70,000 employees across 400 subsidiaries and is located in over 50 countries. AVIC International is a well-diversified company, with holdings in International Civil Aviation, Trade & Logistics, Retail & High-end Consumables, Real Estate and Hotel Management, Electronics Manufacturing, and Natural Resource Development. More information can be found at www.avic-intl.cn.

Continental Motors Group, Ltd. of Hong Kong, China is a subsidiary of AVIC International Holding Corporation of Beijing, China. Its mission is to provide advanced gasoline and diesel (jet fuel) piston engine products, spare parts, engine and aircraft services, avionics equipment and repairs as well as pilot training for the general aviation marketplace. Continental is an international operation employing approximately 450 team members in Mobile and Baldwin counties, Alabama, USA; 200 team members in St. Egidien, Germany; and 8 team members in Beijing, China. More information can be found at www.continentalmotors.aero.

Continental Motors Beijing (CMB), a subsidiary of Continental Motors Group is located in Beijing, China. CMB established March 2014 employs 8 full time people. Continental Motors Beijing branch and the launch of the warehouse have improved the delivery of Continental Motors engine spare parts and optimized the after-sale services in the China market.

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