



Press Release

Continental Motors Obtains EASA Type Certificate for CD-300 Diesel V6

Mobile, Alabama, July 25, 2017—Continental Motors Group Ltd. of Hong Kong, Mobile, Alabama, USA, Beijing, China, and St. Egidien, Germany, announced today it had received the EASA type certification (TC) for the 300 hp V6 Diesel piston engine CD-300. This is the sixth Jet fuel (Diesel) aircraft engine that Continental has certified. This positions Continental Motors as the undisputed leader of Diesel engines for general aviation. The TC was obtained under the requirements of the European Aviation Safety Agency (EASA) in Cologne and was issued on June 20th, 2017 with the TC EASA.E.104.

“For Continental Motors Group, the type certification of the CD-300 signifies a further milestone in the development of our Continental Diesel aircraft engine program. In conjunction with the CD-100 and CD-200 series engines, we now offer a Diesel piston engine solution for all major general aviation aircraft categories,” explained Jürgen Schwarz, Vice President Engineering, Continental Motors Group. “As with all Continental Diesel engines, the CD-300 is designed using tried-and-trusted technology. With over 5,000 Diesel engines delivered in the field and over 5.25 Million flight hours, Continental has demonstrated the reliability, performance, and maturity of its Diesel engine range. Owners and airframe manufacturers require modern high-performance engines that use globally available inexpensive fuel, allowing for significant reduction in direct and total ownership costs. We listened and provided the technical solutions that answer these needs,” continued Schwarz. “Furthermore, we designed a Diesel engine that offers a weight comparable to traditional engines, allowing installation in more airframes, as a retrofit or a factory new option”

The CD-300 series engine has a three-liter displacement and generates 300 HP (221 kW) at 2,340 propeller rpm, offering unprecedented low noise levels for an engine of that power. As with most of Continental Diesel engines, the CD-300 comes with true single lever control and a dual, fully redundant electronic engine and propeller management system (FADEC). Additionally, common rail technology, direct injection, twin turbo charging, liquid cooling and an advanced reduction gear system complete the state-of-the-art design features of the new engine and clearly demonstrate Continental’s leadership in new technology applied to general aviation. The type certification was conducted under the requirements of the European Aviation Safety Agency (EASA) and validations by the FAA and CAAC will soon follow. The CD-300 is available to aircraft manufacturers and STC houses and the first applications are expected for the beginning of 2018.



Continental Motors provides a full range of Diesel engines that power some of the most reputable airframes in general aviation. Textron Aviation® (Cessna® C172 Turbo Skyhawk JT-A), Piper Aircraft® (Archer III DX), New Robin Aircraft® (DR401 CD-155), Glasair® (Sportsman Diesel), Diamond Aircraft® (DA40 and DA42) are among the aircraft manufacturers that offer their airframes with Continental Motors Diesel engines.

<u>Continental Motors' CD-300 specifications</u>		
Fuel:	JET A-1	
Displacement:	2987 cm ³	182.3 cu.in
Power:	221 kW	300 hp
Maximum Rated RPM:	2340 r/min	2340 rpm
Bore:	83 mm	3.26 in
Stroke:	92 mm	3.62 in
Compression Ratio:	15,5:1	15.5:1
Height:	700 mm	27.6 in
Width:	790 mm	31.1 in
Depth:	980 mm	38.6 in
Dry Weight:	265 kg	584 lbs
Max. Operating Altitude	7620 m	25000 ft
Time Between Replacement:	1200 hrs. Projected TBR is 2000+ hrs	

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AVIC International Holding Corporation was created in in 1979, with majority shares owned by Aviation Industries of China (AVIC). Headquartered in Beijing. the total assets of AVIC International amount up to 280 billion RMB. The company has over 100,000 employees across 400 subsidiaries and is located in over 60 countries, has 8 list companies. 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 Jet-A piston engine products, spare parts, engine and aircraft services, avionics equipment and MRO services for the general aviation marketplace. Continental is an international operation employing approximately 570 team members in Mobile and Fairhope, USA; 190 team members in St. Egidien, Germany; and 8 team members in Beijing, China. More information can be found at www.continentalmotors.aero.

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