



Continental Motors

FOR IMMEDIATE RELEASE

Continental Motors announces CD-100 family Diesel Gearbox and Timing Chain life time extension to 1,200 hrs.

CD-100 Series with improved maintenance +++ Significant contribution to lower operational costs

Mobile (AL, USA), July 26, 2016—Continental Motors Group, an AVIC International Holding Corporation company, today announced a major change approval by the aviation authorities allowing the increase of the gearbox and timing chain lifetime to **1,200 hrs**. This lifetime increase affects all CD-135 and CD-155 engines incorporating revision status 2 design changes.

“Continental continues to invest in research, development and production quality enhancements,” said Jürgen Schwarz, Senior VP Engineering of the Continental Motors Group (CMG). “The continuous improvement of the engine design, based on the evidence and experience of over 5 million flight hours, results in lower cost of ownership and operation. This significant lifetime increase shows Continental delivering value for our OEM partners and to all our customers”, he added.

The lifetime increase follows the TBR (time between replacement) extension of the engine to **2,100 hrs**, announced in April 2016 at Aero Friedrichshafen. Through key improvements, continuous testing and field experience, both the CD-135 and CD-155 gearboxes now rated to a lifetime of **1,200** hours. This lifetime increase affects all CD-135 and CD-155 engines manufactured since December 1st, 2015, incorporating revision status 2 design changes as well as the engines already equipped with the dual-mass flywheel using the corporate’s N1 gearbox oil. Timing chains of new revision status 2 engines are only to be exchanged in case of wear and tear. The first inspection needs to be carried out when the engine time totals 1,200 hours and then needs to be repeated again every 300 operating hours.

The engine TBR of 2,100 hours and the reduction of maintenance and inspection requirements for the gearbox and timing chains are a significant contribution to lower operational cost as well as total ownership costs. Also, down time for maintenance is reduced. Continental Motors quality in design and production make diesel engines the perfect power solution for commercial operations, trainer fleets, and intense utilization.

The CD-100 family of compression ignition engines are extensively used in flight schools around the world and has been chosen by OEMs such as Cessna Aircraft



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(Cessna 172 JTA Skyhawk), Diamond Aircraft (DA 40 and DA42), Piper Aircraft (Archer DX) and Robin New Aircraft. Glasair (Sportsman), Mooney Aircraft (M10) also have announced CD-100 models started flight testing and certification. Retrofit kits for many popular airframes are also available.

Continental Motors is exhibiting at AirVenture 2016, stop by our booth (230, Main exhibit) to talk to your Continental Diesel expert for more information.

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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, the whole assets of AVIC International are up to 250 billion RMB. The company has over 80,000 employees across 400 subsidiaries and is located in over 50 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 repairs as well as pilot training for the general aviation marketplace. Continental is an international operation employing approximately 570 team members in Mobile, Fairhope and San Antonio, USA; 200 team members in St. Egidien, Germany; and 8 team members in Beijing, China. More information can be found at www.continentalmotors.aero.

Europe, Middle East, Africa:
Sebastian Wentzler
T +49-37204-6961250
C +49-173-6603347
swentzler@cmg.aero

Americas:
Emmanuel Davidson
+1-251-436-8623
+336-4823-5559
edavidson@cmg.aero

Asia-Pacific
Li Jing
+86-10-84989608
+86-13501188908
lijing@cmg.aero