



Press Release

Continental Motors Group announces the expansion of its Diesel engine family with the CD-265 and CDR-285 engines

Mobile, Alabama, July 25, 2017 — Continental Motors Group™, Ltd of Hong Kong, Alabama, USA and St. Egidien, Germany, announced that its family of Diesel engines is expanding with the CD-265 and CDR-285 engines. The CD-265 is intended for fix-winged applications while the CDR-285 is designed for rotary wing applications.

As the other members of the CD-200 family, the CD-265 and CDR-285 are air cooled, boxer style turbo charged engines producing 265 HP at 2500 rpm and 285 hp at 2700 rpm. Both derive from the CD-230 that was first certified by Continental Motors in December 2012.

“Our commitment to General Aviation is to provide engines that are suited to our client’s needs. In some regions of the world, our clients are requesting Jet Fuel engines because of Avgas availability and its high cost. We intend to fulfill this need by offering a complete line of diesel cycle engines, covering all the needs expressed by our clients.” said Rhett Ross, President, and CEO of Continental Motors Group. *“This is true for fixed winged applications but also for rotary wing applications. Helicopter manufacturers are expressing more and more interest in JetA burning engines, and we worked hard to deliver the right solution to their requests. The CD-285 is a game changer as it offers an alternative to fuel hungry turbines, lowering total ownership costs and direct operating costs”* he went on to say.

Certification testing is already underway, and Continental Motors Group anticipates certification of both models in the first days of 2018.

The CD-265 and CDR-285 join a complete range of Diesel engines that are already certified today. With six different certified Diesel engines, Continental Motors® is the undisputed industry leader and offers solutions for each category of airframe, for fixed wing or rotorcraft applications. Continental® offers heavy fuel burning aircraft engines that are needed where AVGAS is expensive or scarce. Flight schools across the world have transitioned to Diesel engines capitalizing on savings generated by maintenance costs reduction, favorable JetA pricing, and increased availability of the aircraft on the flight line. For the markets where AVGAS is still available at a reasonable cost, Continental Motors® continues to offer gasoline engines, and invests in the experimental and certified engine market with our Titan™ product line.



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The CD-230 to CDR-285 is a family of four-stroke 4-cylinder, air/oil-cooled, horizontally opposed, direct-drive piston aircraft engines with turbocharger and direct injection.

CD-200 Family characteristics

| CD-200 SERIES DETAILS | Cylinders | Max Power @ RPM | Bore x Stroke | Displacement | Dry Weight Basic engine | Fuel Grade | Compression Ratio | Recommended TBO |
|-----------------------|-----------|--------------------------------|--------------------------------|-----------------------------------|-------------------------|---|-------------------|----------------------|
| CD-230 | 4 | 172 kW @ 2200 230 hp @ 2200 | 126 x 100 mm 4.96 x 3.94 in | 4968 cm ³ 302 cu.in | 204 kg 450 lbs | JetA, Jet-A1, TS-1, N°3 Jet Fuel | 15:1 | 2200 hrs or 12 years |
| CD-265 | 4 | 195 kW @ 2500 265 hp @ 2500 | 126 x 100 mm 4.96 x 3.94 in | 4976 cm ³ 304 cu.in | 198.8 kg 438.3 lbs | JetA, Jet-A1, TS-1, N°3 Jet Fuel | 15:1 | 2400 hrs or 12 years |

| CDR-285 ROTORCRAFT DETAILS | Cylinders | Max Power @ RPM | Bore x Stroke | Displacement | Dry Weight Basic engine | Fuel Grade | Compression Ratio | Recommended TBO |
|----------------------------|-----------|----------------------------------|--------------------------------|-----------------------------------|-------------------------|---|-------------------|----------------------|
| CDR-285 | 4 | 212.5 kW @ 2700 283 hp @ 2700 | 126 x 100 mm 4.96 x 3.94 in | 4988 cm ³ 304 cu.in | 199.7 kg 440.2 lbs | Jet-A, Jet-A1 TS-1, N°3 Jet Fuel | 15:1 | 2200 hrs or 12 years |

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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 eight 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 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



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approximately 450 team members in Mobile and Baldwin counties, Alabama, USA; 200 team members in St. Egidien, Germany; and eight team members in Beijing, China. More information can be found at www.continentalmotors.aero

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