

PRIME™

CERTIFIED ENGINE SERIES

FOR NEW PRODUCTION & SELECT EXISTING AIRCRAFT

For years, customers have enjoyed Continental® Parts Manufacturer Approval (PMA) parts for Lycoming®* engines. In 2017, Continental® introduced **PRIME™** as the new name for this well-established line of Original Equipment Manufacturer (OEM) manufactured parts. Customers now recognize **PRIME™** for its parts as well as engines and their quality, dependability, and value of our FAA-approved premium parts.

Continental® is committed to our new line of **Continental PRIME™ certified engines**, designed as a drop-in replacement for existing engines from other manufacturers currently used in multiple aircraft. **PRIME™** engines represent an upgrade, as they not only meet all the requirements to replace other engines, but they also incorporate design and manufacturing improvements to bring more reliability, durability, and trouble-free operation at the best price available on the market.



**THE CONTINENTAL® EXPERIENCE,
ACCUMULATED OVER 115 YEARS
IN POWER SYSTEMS FOR GENERAL
AVIATION, ALLOWED US TO DESIGN
THE IDEAL DROP-IN REPLACEMENT
ENGINE THAT BENEFITS FROM MORE
TIME IN THE AIR AND LESS TIME
IN MAINTENANCE.**

**CERTIFIED
FUELS:**
100/100LL AvGas

BORE:
130.18 mm
5.125 in

DISPLACEMENT:
6085 cm³
371 in³

STROKE:
114.3 mm
4.5 in

RATED POWER:
134 to 145 kW
180 to 195 HP

**COMPRESSION
(COMP.) RATIO:**
8.1:1 & 9.6:1

**MAXIMUM
RATED RPM:**
2700 rpm

DRY WEIGHT:
132.4 to 133.8 kg
292.0 to 295 lbs

WHY CONTINENTAL PRIME™?



Continental **PRIME™** certified engines are not only extremely competitively priced; they also bring multiple advantages that will directly benefit your operation and bottom line. Major manufacturers, e.g. Hartzell Propeller Inc., Sensenich Propellers, and McCauley Propeller have certified propellers approved for use with the Continental **PRIME™** certified IO-370 engines. Additional advantages include an exceptional engine warranty and many optional upgrades like NiC3 cylinders, ensuring that you have everything you need to succeed at the best value.

With a power output ranging from 180 to 195 HP, and the backing of our global factory support, you will enjoy performance and reliability levels only available with **PRIME™** engines. These engines are designed specifically for high utilization, ideal for flight schools or fleet operators, and are equally as great for true aviators that value liberty and choice.

CONTINENTAL PRIME™ ENGINES

	IO-370-DA3A2B	IO-370-D3A	IO-370-C1F	IO-370-CL, CM
NUMBER OF CYLINDERS:	4	4	4	4
RATED POWER:	180 HP	185 HP	190 HP	195 HP
	134 kW	138 kW	142 kW	145 kW
	182 DIN	188 DIN	193 DIN	198 DIN
MAXIMUM RATED RPM:	2700 rpm	2700 rpm	2700 rpm	2700 rpm
BORE:	130.18 mm	130.18 mm	130.18 mm	130.18 mm
	5.125 in	5.125 in	5.125 in	5.125 in
STROKE:	114.3 mm	114.3 mm	114.3 mm	114.3 mm
	4.5 in	4.5 in	4.5 in	4.5 in
DISPLACEMENT:	6085 cm ³	6085 cm ³	6085 cm ³	6085 cm ³
	371 in ³	371 in ³	371 in ³	371 in ³
COMPRESSION RATIO:	8.1:1	8.1:1	9.6:1	9.6:1
DRY WEIGHT:	132.4 kg	132.4 kg	132.7 kg	133.8 kg
	292.0 lbs	292.0 lbs	292.5 lbs	295 lbs



FOR MORE INFORMATION
about Continental
PRIME™ Engines,
scan with your
phone's camera.

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