

PRIME™

CERTIFIED ENGINE SERIES

**NOW AVAILABLE FOR SELECT
CESSNA 170, 172, AND 175 AIRFRAMES.**

Experience Continental **PRIME™**: A new standard for certified replacement engines. Before introducing the Continental **PRIME™** engine, customers enjoyed Continental® Parts Manufacturer Approval (PMA) parts for Lycoming®* engines for years. Known for their quality, dependability, and value, **PRIME™** has become the go-to brand for FAA certified premium parts and now for replacement engines.

Continental **PRIME™** certified engines are designed to replace existing powerplants in popular airframes. With enhanced design and manufacturing improvements, these engines meet replacement requirements and deliver unmatched reliability at a competitive lead time and price. Upgrade to Continental **PRIME™** for exceptional performance that doesn't compromise quality or value.



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

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

DISPLACEMENT:
6085 cm³
371 in³

RATED POWER:
134 to 145 kW
180 to 195 HP

**MAXIMUM
RATED RPM:**
2700 rpm

BORE:
130.18 mm
5.125 in

STROKE:
114.3 mm
4.5 in

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

DRY WEIGHT:
131.3 to 133.8 kg
289.5 to 295 lbs

**TIME BETWEEN
OVERHAUL (TBO):**
2200 hrs or 12 yrs

CONVERT TO PRIME™



Continental **PRIME™** certified engines are not only competitively priced; they also bring multiple advantages that will directly benefit your operation and bottom line. Additional advantages include a factory new engine warranty of twenty-four (24) months, or until TBO (whichever occurs first), ensuring 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.

PRIME™ engines are available in various configurations to fit your mission. The **PRIME™ IO-370-DA3A2B** engine is a drop-in replacement that does not require modifications to the existing Cessna 172 airframe application. Changing your current engine to a **PRIME™** is as simple as a routine engine exchange. However, some **PRIME™** engine configurations require STC modifications to achieve increased horsepower and performance.

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-CLC1U8, CM
NUMBER OF CYLINDERS:	4	4	4	4
RATED POWER:	134 kW	138 kW	142 kW	145 kW
	180 HP	185 HP	190 HP	195 HP
	182 DIN	188 DIN	193 DIN	198 DIN
MAXIMUM RATED RPM:	2700 rpm	2700 rpm	2700 rpm	2700 rpm
BORE:	130.1 mm	130.1 mm	130.1 mm	130.1 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:	6079 cm ³	6079 cm ³	6079 cm ³	6079 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:	132.7 kg	132.7 kg	131.3 kg	133.8 kg
	292.5 lbs	292.5 lbs	289.5 lbs	295 lbs
TIME BETWEEN OVERHAUL (TBO)¹	2200 hrs or 12 yrs	2200 hrs or 12 yrs	2200 hrs or 12 yrs	2200 hrs or 12 yrs
AIRFRAME APPLICATIONS:	172R ² , 172S	--	172I through 172S	IO-370-CL: 170A, 170B, 172A through 172H, P172D, 175A through 175C
AML STC NUMBER:	SA04477AT	--	SA02539AK ³	SA02539AK ³

1. If an engine consistently exceeds 40 operating hours monthly since being in service, add 200 hours to recommended TBO.

2. Not applicable to all 172R models and is limited to specific airframe serial numbers. Check with a Continental® representative to confirm applicability.

3. Available through Stoops Aviation



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

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