

# 200

## AVGAS ENGINE SERIES



For decades, students cutting their teeth in training airplanes were introduced to the wonders of flight powered by the Continental® O-200. Our tuned induction system provides improved cylinder-to-cylinder intake-air distribution for smoother operation and increased fuel efficiency in the IO-240 series. Then arrived the O200-D lightweight engine weighing in at 196 pounds. The O200-D lightweight offers aircraft builders a certified and pedigreed engine that is lighter in weight without compromising performance, durability, or service life. This engine packs a powerful punch with 100 continuous horsepower at 2750 RPM. Pilots always remember the airplane they first soloed. With the amazing 200 series, they'll remember the engine too.

**THE 200 SERIES IS A FAMILY OF AIR COOLED, NATURALLY ASPIRATED, HORIZONTALLY OPPOSED, 4-CYLINDER, GASOLINE, CARBURETED, SPARK IGNITION, FOUR-STROKE, DIRECT DRIVE, RIGHT (CW) ROTATING, AIRCRAFT ENGINE WITH MANUAL ENGINE CONTROLS FOR FIXED WING AIRCRAFT.**

**CERTIFIED FUELS:**  
80/87, 100/100LL AvGas

**DISPLACEMENT:**  
3292 to 3928 cm<sup>3</sup>  
201 to 240 in<sup>3</sup>

**RATED POWER:**  
75 to 93 kW  
100 to 125 HP

**MAXIMUM RATED RPM:**  
2750 to 2800 r/min  
2750 to 2800 rpm

**BORE:**  
103.19 mm & 112.7 mm  
4.062 in & 4.438 in

**STROKE:**  
98.4 mm  
3.875 in

**COMPRESSION (COMP.) RATIO:**  
7.0:1 (200) & 8.5:1 (200D, 240)

**HEIGHT:**  
589 to 667 mm  
23.18 to 26.25 in

**WIDTH:**  
798 to 802 mm  
31.4 to 31.56 in

**LENGTH:**  
666 to 739 mm  
26.22 to 29.1 in

**DRY WEIGHT:**  
89.3 to 131.2 kg  
196.8 to 238.2 lbs

**TIME BETWEEN OVERHAUL:**  
2000 to 2200 hours

# 200 AVGAS SERIES DETAILS



MODEL	# CYL	RATED POWER <sup>1</sup>	BORE × STROKE	DISPLACEMENT	DRY WEIGHT <sup>2</sup>	CERTIFIED FUEL GRADE	COMP. RATIO	TIME BETWEEN OVERHAUL (TBO)	FAA TCDS
O-200-A	4	75 kW @ 2750	103.19 × 98.4 mm	3292 cm <sup>3</sup>	98.0 kg	80/87	7.0:1	2000 hours or 12 years	E-252
		100 HP @ 2750	4.063 × 3.875 in	201 in <sup>3</sup>	216.1 lbs				
O-200-D	4	75 kW @ 2750	103.19 × 98.4 mm	3292 cm <sup>3</sup>	89.3 kg	100/100LL	8.5:1	2200 hours or 12 years	E-252
		100 HP @ 2750	4.063 × 3.875 in	201 in <sup>3</sup>	196.8 lbs				

# 240 AVGAS SERIES DETAILS

MODEL	# CYL	RATED POWER <sup>1</sup>	BORE × STROKE	DISPLACEMENT	DRY WEIGHT <sup>2</sup>	CERTIFIED FUEL GRADE	COMP. RATIO	TIME BETWEEN OVERHAUL (TBO)	FAA TCDS
IO-240-B	4	93 kW @ 2800	112.71 × 98.4 mm	3928 cm <sup>3</sup>	125.9 kg	100/100LL	8.5:1	2200 hours or 12 years	E750
		125 HP @ 2800	4.438 × 3.875 in	240 in <sup>3</sup>	277.6 lbs				

1. Engine rated power at sea level standard day inlet conditions (29.92 in Hg, 59°F, 0 water vapor) with maximum allowable cylinder head and oil temperatures with full rich (maximum) fuel flow.

2. Dry engine weight including all accessories.