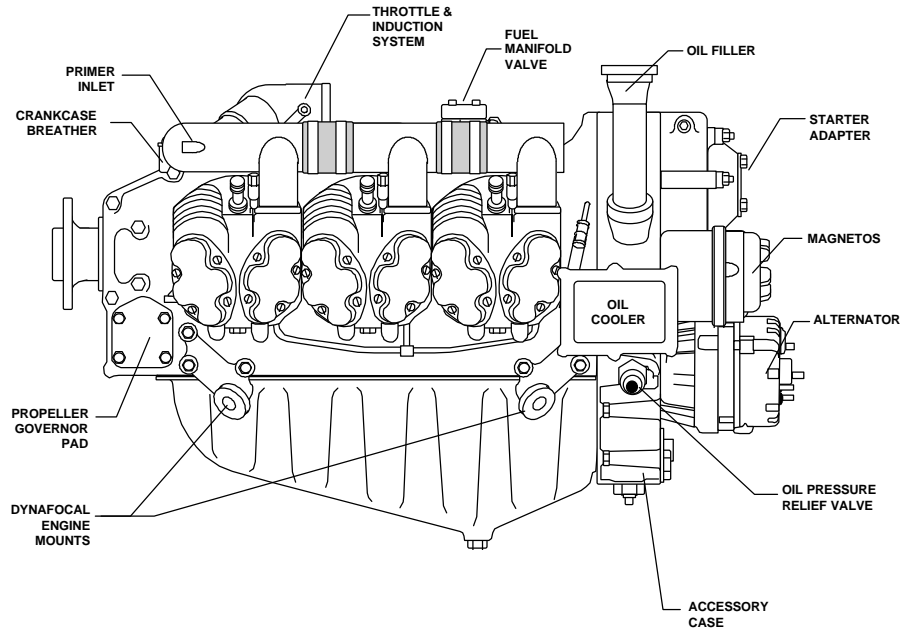


IO-360 C, CB, D, DB, G, GB, H, HB Type Certificate E1CE



The engine has horizontally opposed air cooled cylinders. The engine cylinders are cross flow design having overhead inclined valves. The cylinders have downdraft intake inlets mounted on the top of the cylinder head and downdraft exhaust outlets located on the bottom of the cylinder.

ENGINE MODEL	RATED MAX. CONT. BHP	MAX RPM
IO-360-C, CB, D, DB, G, GB, H, HB	210 BHP	2800 RPM

The IO-360 Series engines have a 360 cubic inch displacement achieved by using a cylinder design with a 4.438 inch diameter bore and a 3.875 inch stroke. The IO-360-D, DB, H, HB, engine's dry weight is 327.25 lbs. without accessories. The IO-360-C, CB, G, GB engine's dry weight is 331.25 lbs. without accessories.

OVERALL ENGINE DIMENSIONS INCHES	
HEIGHT	22.43
WIDTH	31.46
LENGTH	34.03

ENGINE SPECIFICATIONS IO-360 SERIES

Cylinders

Arrangement Horizontally Opposed
 Number of Cylinders 6
 Compression Ratio 8.5:1
 Firing Order 1-6-3-2-5-4
 Bore (Inches) 4.438
 Stroke (Inches) 3.875
 Piston Displacement (cu. in.) 360

Brake Horsepower

Rated Maximum Continuous Operation 210 BHP @ 2800 RPM

OPERATING LIMITS

Crankshaft Speed - RPM

Rated Maximum Continuous Operation 2800
 Recommended Idle 600

Manifold Pressure Limit (In. Hg.) Absolute Full Throttle

Fuel Control System TCM Fuel Injection

Fuel 100/130

Oil

TEMPERATURE	AVIATION GRADE	SAE GRADE	MULTI-VISCOSITY
BELOW 40	65	30	10W-30 / 15W-50 / 20W-50
ABOVE 40	100	50	15W-50 / 20W-50 / 20W-60

Oil Pressure

Idle, Minimum, psi 10
 Normal Operation, psi 30-60

Oil Sump Capacity (U.S. Quarts) 10

Max. Oil Consumption (Lb./BHP/Hr. Max.)006 X % Power
 100

Oil Temperature Limits

Minimum for Take-Off 75° F
 Maximum Allowable 240° F

Cylinder Head Temperature

Recommended Max. at Cruise 380° F
 Limit 460° F

Ignition Timing (Compression Stroke, Breaker Opens)

Right Magneto, Degrees BTC 20°
 Left Magneto, Degrees BTC 20°

Spark Plug

TCM 628325
 Champion REM38E



CONTINENTAL MOTORS