

LYCOMING

Meet the top brass of the rotary club.



320 CUBIC INCH



360 CUBIC INCH

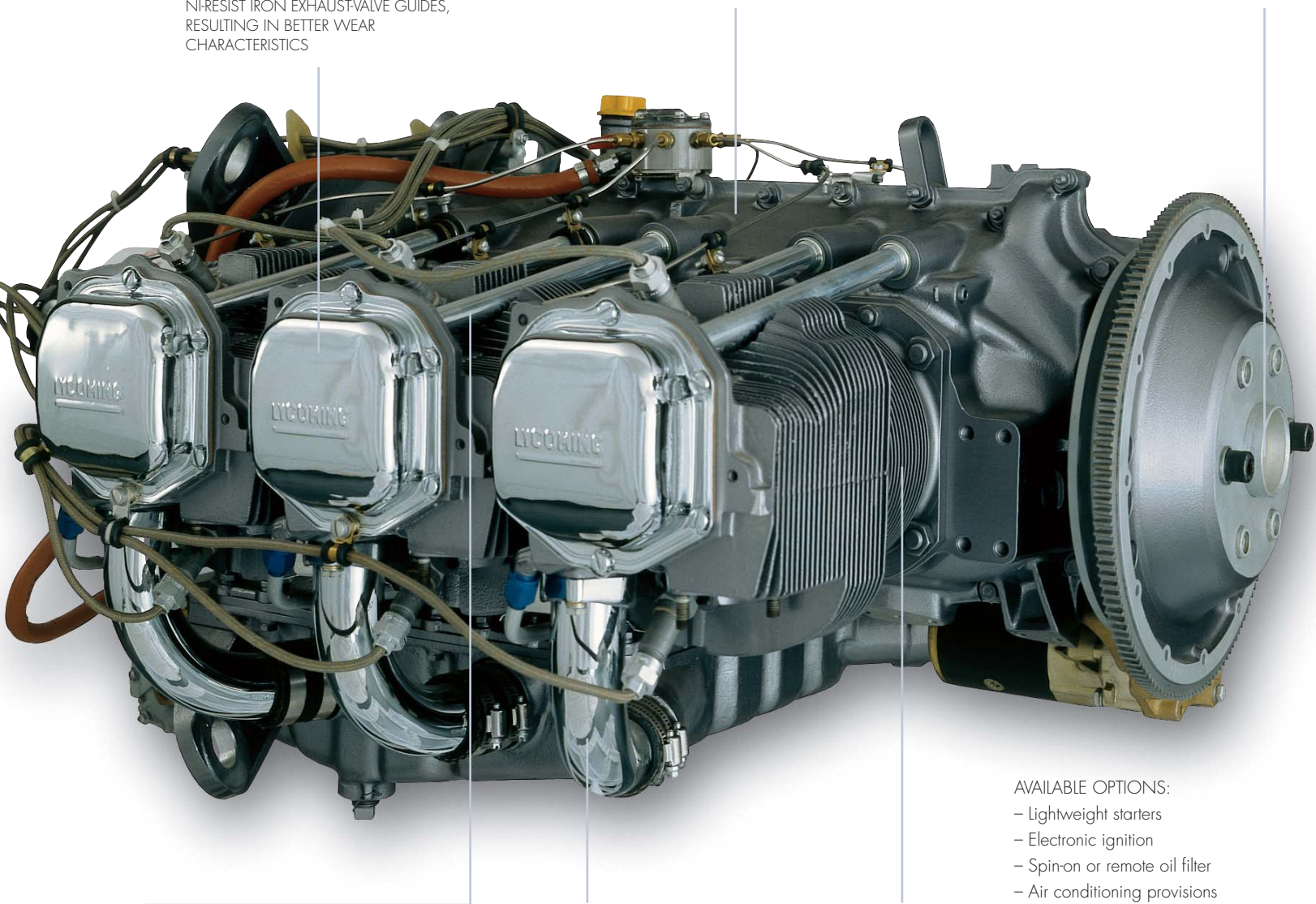


540 CUBIC INCH

CHROMIUM-MODIFIED
NI-RESIST IRON EXHAUSTVALVE GUIDES,
RESULTING IN BETTER WEAR
CHARACTERISTICS

FORGED-STEEL CAMSHAFTS

FORGED-STEEL CRANKSHAFTS



FORGED-STEEL
CONNECTING RODS

OPTIONAL CHROME KIT

NITRIDE-HARDENED STEEL
ALLOY CYLINDER BARRELS

AVAILABLE OPTIONS:

- Lightweight starters
- Electronic ignition
- Spin-on or remote oil filter
- Air conditioning provisions
- Factory chrome kits:
 - Triple-plated rocker-box covers, intake pipes and shroud tubes
- Optional magnetos
- Fixed-pitch or constant-speed propeller applications



320 CUBIC INCH



360 CUBIC INCH

4-CYLINDER HELICOPTER ENGINE SERIES

MODEL	COMPRESSION RATIO	HP	RPM	HEIGHT (IN)	WIDTH (IN)	LENGTH (IN)	DRY WT (LBS)
O-320-B2C	8.50:1	130	2,400 to 2,700*	22.99	32.24	29.81	246
O-360-J2A	8.50:1	145	2,400 to 2,700*	22.99	32.24	29.81	258
HO-360-C1A	8.50:1	180	2,700	19.22	33.37	31.82	257
HIO-360-G1A	8.50:1	180	2,700	19.68	33.37	31.81	283
HIO-360-D1A	10.00:1	190	3,200	19.48	35.62	35.23	290
HIO-360-F1AD	8.00:1	190	3,050	19.97	34.25	31.36	293

6-CYLINDER HELICOPTER ENGINE

O-540-F1B5	8.50:1	235*	2,800	24.56	33.37	37.22	369
IO-540-AE1A5	8.70:1	235*	2,800	19.60	34.25	38.62	447



540 CUBIC INCH

This current production model data is provided for engine selection, and is subject to change without notice. The Lycoming Sales Department should be contacted prior to starting detailed installation layouts. Engine weights may vary according to specific engine model configuration.
*Flat rated

HIO-360

ENGINE LABELING LEGEND: 1 2



1 PREFIXES:

- AE – Aerobatic (wet sump)
- H – Horizontal Helicopter
- I – Fuel Injected
- L – Left Hand Rotation Crankshaft
- O – Opposed Cylinders
- T – Turbocharged

2 CYLINDER CUBIC INCH DISPLACEMENT:

Number of Cylinders	Cubic Inch Displacement
4	235, 320, 360
6	540, 580
8	720

ENGINE MOUNT CONFIGURATIONS:

- Conical –**
Straight mounts parallel to crankshaft.
- Dynafocal –**
Mounts set at a specified angle to the crankshaft with Type 1 (30°) and Type 2 (18°).
- Bed –**
Bed mounting available on select engine models.