

LYCOMING

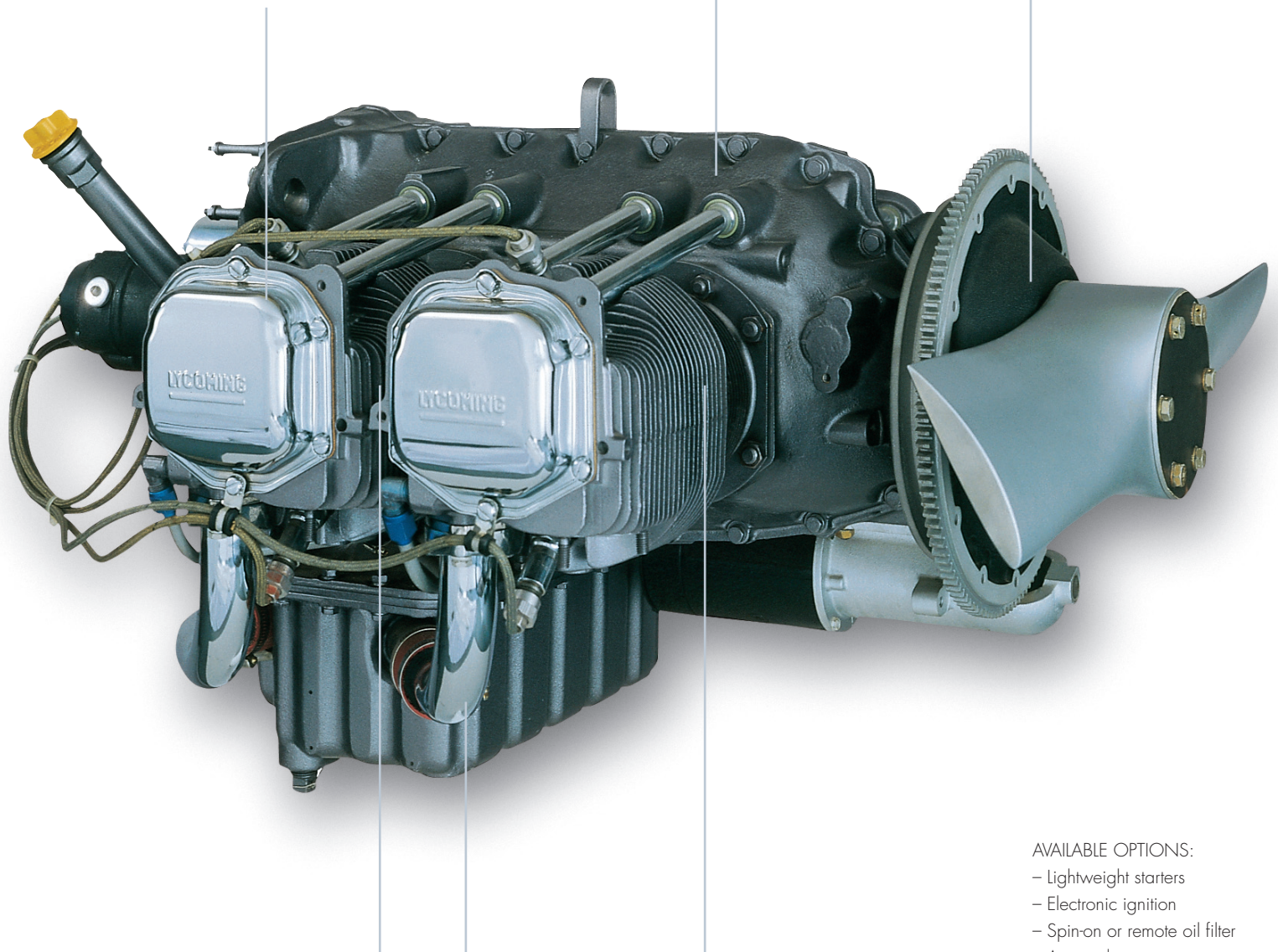
The little engine that could, does and will continue to do.

The Lycoming O-235 series engines are four-cylinder, direct-drive, horizontally opposed, wet-sump, air-cooled models. The cylinders are of conventional air-cooled construction with heads made from an aluminum-alloy casting and a fully machined combustion chamber. The cylinder barrels are machined from chrome nickel molybdenum steel forgings with deep integral cooling fins, ground and honed to a final specified finish.

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

FORGED-STEEL CAMSHAFTS

FORGED-STEEL CRANKSHAFTS



FORGED-STEEL
CONNECTING RODS

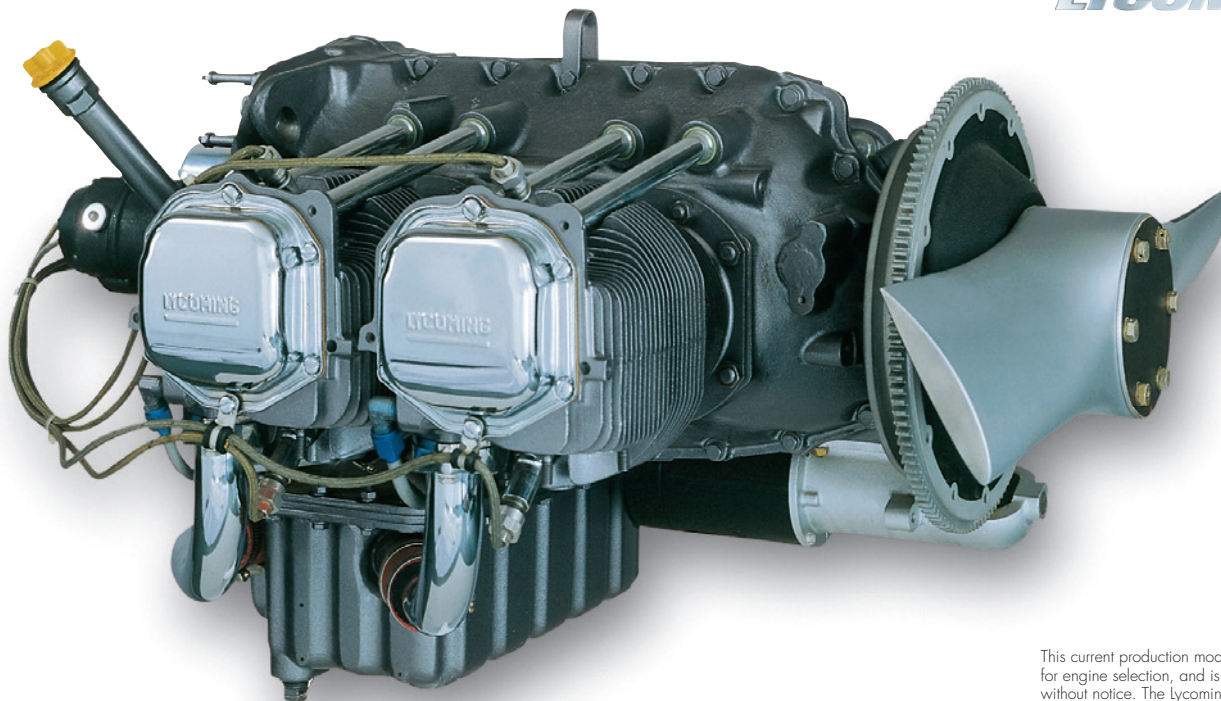
OPTIONAL CHROME KIT

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

*Except for O-235 low-compression engines.


235 CUBIC INCH ENGINE SERIES

Data may vary across engine models

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.

MODEL	COMPRESSION RATIO	HP	RPM	TBO	HEIGHT (IN)	WIDTH (IN)	LENGTH (IN)	DRY WT (LBS)	REMARKS
O-235-C	6.75:1	115	2,800	2,400	22.40	32	29.56-30.70	243-247	Conical Mounts
O-235-E	6.75:1	115	2,800	2,400	22.40	32	29.56-30.70	249-251	Conical Mounts
O-235-F	9.70:1	125	2,800	2,000	22.40	32	29.56-30.70	249-251	Conical Mounts
O-235-G	9.70:1	125	2,800	2,000	22.40	32	29.56-30.70	252-253	Conical Mounts
O-235-H	6.75:1	115	2,800	2,400	22.40	32	29.07	243	Dynafoal Mounts
O-235-J	9.70:1	125	2,800	2,000	22.40	32	29.56-30.70	252-253	Dynafoal Mounts
O-235-K	8.50:1	118	2,800	2,400	22.40	32	29.56-30.70	248-253	Conical Mounts
O-235-L	8.50:1	118	2,800	2,400	22.40	32	29.05-29.56	249-252	Dynafoal Mounts
O-235-M	8.50:1	118	2,800	2,400	22.40	32	29.05-29.56	252-255	Dynafoal Mounts
O-235-N	8.10:1	116	2,800	2,400	22.40	32	29.05-29.56	249-252	Dynafoal Mounts
O-235-P	8.10:1	116	2,800	2,400	22.40	32	29.05-29.56	252-255	Dynafoal Mounts

O-235

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.

Dynafoal -

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.

