

# 2019 SHOW SPECIAL PRICING

## Genuine Lycoming Factory New Experimental Engines 2019 FEATURES

### ELECTRONIC IGNITION SYSTEM

AVAILABLE FOR AN ADDITIONAL \$1,200\*

- E-MAG™ EIS (4-CYL MODELS)
- ADDITIONAL ELECTRONIC IGNITION SYSTEM OPTIONS AVAILABLE (4 & 6-CYL MODELS)

\* INCLUDES 1 EIS & 1 MAGNETO

### LYCOMING THUNDERBOLT DIRECT

FROM VAN'S AIRCRAFT

- BALANCED ROTATING SYSTEM WITHIN 0.5 GRAMS (CONNECTING RODS, PISTONS, PISTON PINS)
- PORTED AND POLISHED CYLINDERS
- CUSTOMIZED PAINT OPTIONS
- CHROME ROCKER BOX COVERS

Save \$1,000 by "bundling" your engine and propeller orders

Model	HP	Roller Tappets	Induction	Prop Type	Standard "Bundled" Engine Price	Thunderbolt "Bundled" Engine Price
YO-320-D1A	160	Yes	Vertical	FP/CS	\$25,900	\$29,500
YIO-320-D1A	160	Yes	Vertical	FP/CS	\$27,500	\$31,100
YO-320-D2G	160	Yes	Vertical	FP	\$25,400	\$29,000
YO-360-A1A	180	Yes	Vertical	FP/CS	\$26,500	\$30,100
YIO-360-M1B	180	Yes	Horizontal	FP/CS	\$27,700	\$31,300
YIO-360-A1B6	200	Yes	Horizontal	FP/CS	\$32,100	\$35,700
YIO-390-A3B6	210	Yes	Horizontal	FP/CS	\$32,800	\$36,400
YIO-540-D4A5	260	Yes	Vertical	FP/CS	\$46,700	\$50,300

Limited Time Offer\*: All new orders will receive **FREE** shipping

### STANDARD ENGINE EQUIPMENT

- Carburetor or Fuel-Injection System
- 149 Tooth Ring Gear
- Vacuum Pump & Prop Governor Provisions (where applicable)
- Sky-Tech Lightweight Starter
- Engine-Driven Fuel Pump
- Magnetos
- Roller Tappet Valve Train System

Contact Jeff Schans, Thunderbolt Sales Manager with questions  
Email: [Thunderbolt@lycoming.com](mailto:Thunderbolt@lycoming.com)



\*An OEM agreement with Lycoming allows Van's to sell to RV builders factory new engines at prices far below list. This agreement specifies that engines may be sold only to those who have purchased a complete RV kit. The engine must be installed in that aircraft. Only one engine may be sold per RV kit. Free shipping within the Contiguous United States only. Long-Term Engine Preservation Packaging available. Engine Chrome and Inverted Oil Systems available. Pricing valid from Tuesday, April 2 to Friday, May 3, 2019.



# A VAN'S RECOMMENDATION

The world's leading kit manufacturers design their aircraft around Lycoming engines. Dick VanGrunsvan, CEO of Van's Aircraft, is one of them. From the original RV-3 to the RV-14, thousands of Van's aircraft are flying proof of a perfect marriage.

"The reputation of my designs runs from spinner to rudder. I don't compromise with 'second-best' components. That's why RV cowlings and engine mounts are designed to fit Lycoming engines."

"Our customers can buy, through us, a brand new Lycoming engine at a significant savings off list price. It makes the decision to go with a new Lycoming that much easier."

Van's RVs are flying worldwide, so service support is essential. The certainty of "bullet-proof" reliability, field support and parts availability keep Lycoming in front. Your new kit should be 100% new. Buy smart. Get yourself a new Lycoming engine at a great price. Look forward to a full factory warranty and 100% of its TBO ahead.

From the O-233, through the popular 150-210 hp O/IO 320, 360 and 390, up to the IO and TIO-540, Lycoming makes engines for virtually every kit produced.

"Our customers know Lycoming engines are tough, and that gives them peace of mind. Lycoming is the dominant engine in the world, and we at Van's recognize that. It's the engine I trust."

**"IT'S THE ENGINE I TRUST."** – Dick VanGrunsvan, CEO, Van's Aircraft

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## BUILDER TIP #1

The IO-360-M1B (180hp), the IO-360-A1B6 (200hp), and the IO-390-A3B6 (210hp) use the forward facing oil sump and injector body, permitting the use of Van's "horizontal induction" cowl that does NOT require an external scoop on the lower cowl like our prototype RV-7/7A or RV-8/8A or RV-14/14A. ALL other engines have a vertical draft sump and carburetor or fuel injection servo that DO require the external scoop on the lower cowl as seen on many currently flying RV's, and our RV-9A and IO-540 powered RV-10.

## BUILDER TIP #2

The IO-320, IO-360, IO-390 and IO-540 engines are set up for constant-speed propellers as delivered. They may be converted for fixed-pitch operation in the same manner as the Lycoming certified engines (except for the O-320-D2G, which is a fixed-pitch only engine).

Lycoming's Experimental Category Roller Tappet Engines are now available in stock up to 60 days! For a great price on a brand new Lycoming, call or visit Van's Aircraft today. (503) 678-6545 or [www.vansaircraft.com](http://www.vansaircraft.com).

