

MT PROPELLER ORDER FORM

11/9/22

Customer Number (assigned w/ emp kit)		
Name		
Mailing address		
Shipping address (if different)		
Phone		
e-mail		
Fax		
THESE ITEMS WILL BE INSTALLED IN MY RV- _____ Customer number _____ SIGNATURE _____ Date _____		

- MT constant-speed propellers are manufactured by MT Propeller Entwicklung GmbH of Alting, Germany. They are used on many certified and experimental airplanes around the world.
- Pitch change is accomplished by either an electric or a hydraulic system. The hydraulic system is preferred because the pitch change is about 6 times faster. However, if your engine is not compatible with a hydraulic system, the electric gives you an alternative. Electric props are NOT recommended for aerobatics.
- Both two-blade and three-blade models are available. Van's does not maintain a stock of propellers.
- All MT propellers work with governors sold by Van's.
- A 25% **non-refundable** deposit is required with order. Payment in U.S. funds: check, money order, or Visa, Mastercard, Discover.
- Propellers include a Kevlar spinner assembly. Blades are white with red tips.
- Price includes shipping from Germany to the nearest assembly center only (see reverse). MT will ship for free ONLY to USA and Canada assembly centers.
- Customer is responsible for choosing and contacting the appropriate assembly center as well as assembly charges and shipping charges between the assembly center and final destination. Prices subject to change without notice. Customer instigated delays may result in price increase.
- Van's Aircraft, Inc. has not had the opportunity to test all MT models. It is the responsibility of the customer to determine the proper propeller application.

WARNING: Damage or excessive wear to the engine or propeller may occur if electronic ignition systems are used and timing is set to a value other than the fixed timing stated by the manufacture (for Lycoming this is labeled on the engine dataplate). 4-cylinder engines 195hp and above must include 6th order crankshaft counterweights and operate within the engine manufacture's timing specifications if electronic ignitions are installed when using the following propellers MTV-12, MTV-15, MTV-18, MTV-20 and MT 185. Lycomings electronic ignition system (EIS) for both standard timing (matching the fixed timing used previously on Slick magnetos) and the advanced timing curve are allowed for use with the following propellers MTV-12, MTV-15, MTV-18, MTV-20 and MT 185. MTV-9-B/183-50a propeller must be used with 4-cylinder engines 195hp and above if 6th order crankshaft counterweights are not installed or electronic ignitions are installed that are operated outside the engine manufactures timing specifications.

- Propellers with diameters greater than 72" are not approved to be used on aircraft with conventional landing gear, i.e. tail dragger. Only propellers with a diameter of 72" or less are approved for this application.
- 2 blade propellers must not be used with engines 195 hp and above.
- MTV-12-B-C/C183-59b and MTV-9-B-C/C/183-50a propellers when using a P-880-3 (front mount) or P-880-4 (rear mount) governor will increase pitch if oil pressure is lost reducing the drag 50-60%. Note there is a significant weight penalty for this option.

RV-3/4/6/7/8/9: MT PROPS FOR (I)O-320 ENGINE

Part number	Blades	Pitch change	Diameter In inches	Weight w/ spinner <i>includes electric control unit but not hydraulic governor</i>	Price
MTV-11- C/183-59 ¹	2	hydraulic	72	35	\$12,850.00
MTV-12-C/180-57	3	hydraulic	71	43	\$15,850.00
MTV-17-C/183-59 ¹	2	electric	72	39	\$15,750.00
MTV-18-C/180-57	3	electric	71	47	\$18,650.00
MT 170 R 180-3E ³	2	fixed	67	12 ²	\$3,600.00
MTV 170 R 185-3E ⁴	2	fixed	67	12 ²	\$3,600.00

¹ Please be aware that the MTV-11-C/183-59 or MTV-17-C/183-59 have on the Lycoming O-320 engines a restricted RPM range for continuous operation between 2050 and 2300 RPM with a manifold pressure higher than 22"

² Weight w/o spinner or mounting material

³ Side-by-Side

⁴ Tandem

RV-3/4/6/7/ 8/ 9 : MT PROPS FOR THE O-340 / (I)O-360 ENGINE (below 195 hp)

Part number	Blades	Pitch change	Diameter In inches	Weight w/ spinner <i>includes electric control unit but not hydraulic governor</i>	Price
MTV-15-B/183-50 ⁵	2	hydraulic	72	44	\$15,050.00
MTV-15-B-C/C183-50 ⁵	2	hydraulic	72	47	\$16,750.00
MTV-12-B/183-59b	3	hydraulic	72	45	\$15,850.00
MTV-12-B-C/C183-59b	3	hydraulic	72	53.5	\$17,150.00
MTV-20-B/183-50 ⁵	2	electric	72	48	\$18,550.00
MTV-18-B/183-59b	3	electric	72	48	\$18,650.00
MTV 185 R 185-4G	2	fixed	73	12 ⁶	\$3,950.00

⁵ Please be aware that the MTV-15-B/183-50, MTV-15-B-C/C183-50 or MTV-20-B/183-50 have on the Lycoming O-360 engines without counter weighted crankshaft a restricted RPM range for continuous operation between 2050 and 2250 RPM.

⁶ Weight w/o spinner or mounting material

RV-7/8/14: MT PROPS FOR THE IO-360 / IO-390 (195hp and above)

Note: See "WARNING" on front page

Part number	Blades	Pitch change	Diameter In inches	Weight w/ spinner <i>includes electric control unit but not hydraulic governor</i>	Price
MTV-12-B/183-59b ⁷	3	hydraulic	72	45	\$15,850.00
MTV-12-B-C/C183-59b ⁷	3	hydraulic	72	53.5	\$17,150.00
MTV-18-B/183-59b	3	electric	72	48	\$18,650.00

⁷ Use with IO-390 powered RV-14

RV- 4/6: MT PROPS FOR THE (I)O-370 / (I)O-375 engine**RV-7/8: MT PROPS FOR THE (I)O-370 / (I)O-375/ (I)O-400/ (I)O-409 engine**

Note: See "WARNING" on front page

Part number	Blades	Pitch change	Diameter In inches	Weight w/ spinner <i>includes electric control unit but not hydraulic governor</i>	Price
MTV-9-B/183-50a ⁹	3	hydraulic	72	56	\$17,700.00
MTV-9-B-C/C183-50a ⁹	3	hydraulic	72	69.2	\$19,400.00

⁹ Recommended for engines if electronic ignition systems are used outside the limitations of the engine manufacture.

RV-7A/8A/14A MT PROPS FOR THE IO-360 / IO-390 ENGINE

Note: See "WARNING" on front page

Part number	Blades	Pitch change	Diameter In inches	Weight w/ spinner <i>includes electric control unit but not hydraulic governor</i>	Price
MTV-12-B/188-59f	3	hydraulic	74	46	\$15,850.00

RV-10 MT PROPS FOR THE IO-540 ENGINE

Part number	Blades	Pitch change	Diameter In inches	Weight w/ spinner <i>includes electric control unit but not hydraulic governor</i>	Price
MTV-12-B/193-53 ¹¹	3	hydraulic	76	47	\$15,850.00
MTV-9-B/198-52 ¹²	3	hydraulic	78	57	\$17,700.00

¹¹ For use on engines with 260 hp or less

¹² For use on engines with greater than 260 hp up to 310 hp

PROP PART NUMBER

PRICE:

METHOD OF PAYMENT :

E-Mail to: kits@vansaircraft.com

Do not submit Credit Card information via email! If you plan to email your order form to Van's and pay with a credit card, please omit any credit card information from the form and either call us with your CC# or use Van's Webstore to make a secure online payment. If credit card - please submit payment through our secure credit card payment portal: <https://www.vansaircraft.com/makeapayment/>

MT SERVICE STATIONS AND DISTRIBUTORS

Europe: <https://www.mt-propeller.com/en/entw/services.htm>

USA/Mexico: https://www.mt-propeller.com/en/entw/services_usa.htm

Canada: https://www.mt-propeller.com/en/entw/services_can.htm

Africa: https://www.mt-propeller.com/en/entw/services_af.htm

Asia: https://www.mt-propeller.com/en/entw/services_as.htm

Australia/ New Zealand: https://www.mt-propeller.com/en/entw/services_aust.htm

South America: https://www.mt-propeller.com/en/entw/services_sam.htm