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# TMX ENGINE SERIES

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Thank you very much for your interest in Teledyne Mattituck's Experimental Engine Program. We can offer you a variety of powerplants to power your aircraft. We hope you will find the products and service we offer to be the best combination available in the industry.

We can supply you with several different versions of a Teledyne Mattituck TMX-360/320/390/540 Experimental engine. We are pleased to offer the following:

A Mattituck built and warranted TMX-360 Experimental 180HP O-360 engine configured with all NEW PARTS and NEW accessories with a fixed pitch application for \$21,300.00. Configured for a constant speed application the engine price is \$21,500.00. The TMX-360 engine can be adapted to any configuration you may require, including conical engine mounts, electronic ignition and availability with or without any or all of the accessories normally provided on the engine. Pricing and information for those specific configurations is available when you advise us of the exact specification you need.

## THE TMX ENGINE SERIES DIFFERENCE

Standard cam and most roller tappet engines are configured with all NEW FAA/PMA certified parts.

A variety of custom configurations and engine models spanning the 90 horsepower to 300 horsepower ranges.

Comprehensive 3 year warranty, personalized service and technical assistance backed by Mattituck's 50 year reputation for quality and service.



**TELEDYNE MATTITUCK SERVICES**

A Mattituck built and warranted TMX-360 Experimental 180 HP IO-360 engine configured with all NEW PARTS, new accessories including either a Precision/Bendix style EX Fuel injection system or an Airflow Performance Fuel Injection System with a fixed pitch application is priced at \$21,800.00. Configured for a constant speed application the engine price is \$22,200.00. Like the TMX Experimental O-360 above, the TMX Experimental IO-360 engine can be adapted to any configuration you may require and pricing for those specifications is available when you advise us of the exact nature of your specific requirements. Aerobatic kits, electronic ignition systems, custom compression ratios, whatever your needs are, we can meet your requirements.



**TMX IO-360 with customized appearance package and forward facing cold air induction.**

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## ***TMX SERIES ROLLER TAPPET ENGINES***

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Roller tappets have become a standard production item on all Lycoming engines being shipped from the Textron Lycoming factory. Appropriately, all Lycoming style TMX series engines will be now offered with Roller Tappet technology as an option. Roller tappets provide a different style cam to tappet interface than what has been used in the aircraft engine industry for many years.

This style tappet provides a roller to ride upon the camshaft lobe instead of the sliding type interface used with standard tappets. This style tappet may cause less camshaft lobe wear and help provide longer cam lobe and tappet life than the sliding type that has been used for years. The roller tappet has been used extensively in the automotive industry and has a very proven success rate there.

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*We are very pleased and excited to be able to offer the most recent products developments that have become available in the industry for the TMX engine line and will continue to offer the latest configurations available for all of our TMX engines.*

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Textron Lycoming has received FAA/PMA parts certification on its roller tappet technology and boasts many hours of test cell operation, motoring, extreme cold start and in-flight testing providing significant durability data.

The TMX 320, 360, 540, and 390 series engines are available with roller tappet technology from Textron Lycoming.

**TMX Series Engines**  
**Unmatched Innovation, Quality and Value**

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## *TMX O-200 and TMX IO-240 Series Experimental Engines*

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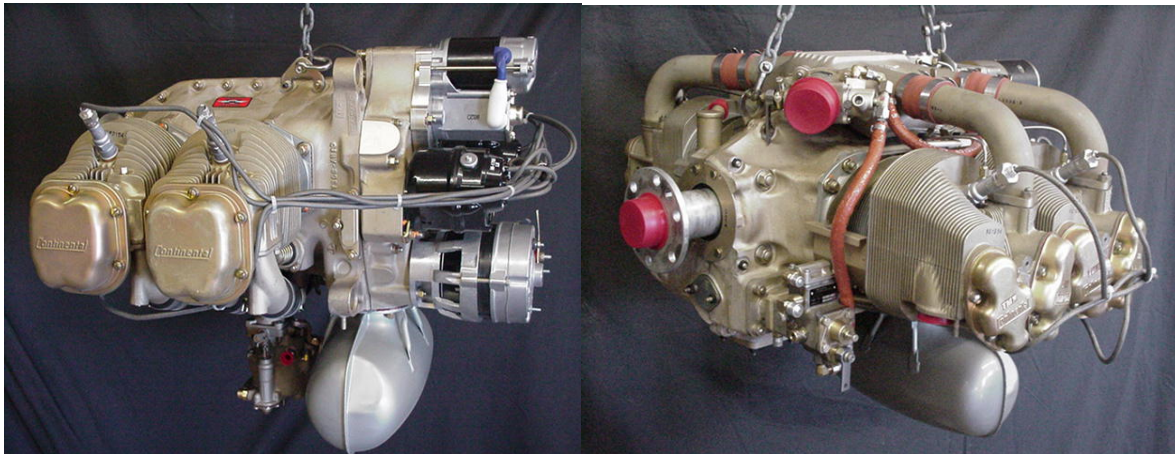
We are also pleased to offer a Teledyne Mattituck assembled TMX-240 Experimental IO-240-B all NEW PART engine for \$21,135.00.

In addition, an all NEW PART TMX O-200 Experimental engine for \$20,455.00.

Both of the above engines are offered with a two-year, parts and labor warranty, which are administered by Teledyne Mattituck Services.

The TMX-200 engine is an all NEW PART engine made entirely of genuine Teledyne Continental parts. This engine makes 100 HP at 2700 RPM and is complete with new Slick mags & harness, new spark plugs, new improved one-piece key type starter and clutch assembly, and carburetor. This engine weighs 215 pounds, complete with accessories. This is the perfect engine for your experimental LSA aircraft.

The TMX-IO240B engine is also an all NEW PART engine made entirely of genuine Teledyne Continental parts. This engine makes 125 HP at 2800 RPM and is complete with new Slick mags & harness, new spark plugs, new one piece starter and clutch assembly, new alternator, and new fuel injection system. This engine weighs 240 pounds, complete with accessories.



TMX O-200 and TMXIO-240

We realize that there are many options and configurations available to you, as you decide what powerplant will be installed on your aircraft. We hope to offer the best technical assistance, as well as the absolute best value to help you through this often difficult decision. We feel that with our 59 years experience in the aircraft engine overhaul field and with an average engine assembly technician experience level of in excess of 15 years, we can offer you an engine assembled and tested by the most knowledgeable and experienced personnel, bar none, in the industry. Our reputation for unprecedented quality, service and dedication to our customer's needs, speaks for itself. Our engine overhaul experience and knowledge of the aircraft engine parts supply system will allow us to supply you with the "best of the best" when it comes to a NEW PART engine for your aircraft's powerplant system. Don't have your engine manufactured by inexperienced personnel and then give it to us to fix at a later date. Get it done right the first time. We are here to help you in any way we can and encourage you to call us at 1-800-624-6680 with any questions or reservations you may have, so that we may start developing a long-term relationship between you and ourselves. We look forward to supplying your engine and thank you again for your interest in our products.

All parts and accessories, with the exception of forward facing cold air sumps, Lycoming fuel injection systems and TMX IO-390 crankcases, that are provided with standard configuration TMX Experimental engines are FAA approved components, manufactured by current original equipment manufactures or one of several after market FAA/ PMA suppliers.

All pricing, for complete engines, is FOB at Mattituck, NY.

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*Our reputation for unprecedented quality, service and dedication to our customers needs, speaks for itself.*

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**Standard appearance package TMX O-320.**

Additional warranty packages are available for all TMX Experimental engines.

Contact us today for a detailed price quote.  
1-800-624-6680 ext.'s 304, 310 or 305.

Email: [sales@mattituck.com](mailto:sales@mattituck.com)

All pricing subject to change without notice



**TELEDYNE MATTITUCK SERVICES**

AS 9100 Rev B and ISO 9001:2000 Certified

<http://www.mattituck.com>

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# WHY A TMX SERIES ENGINE ?

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- ✓ **All New FAA/PMA Parts In The Standard Version Of All Engines.\***
- ✓ **Engine Configurations Easily Customized To What You Want.**
- ✓ **Dynamically Balanced Var Crankshaft.**
- ✓ **Nickel Carbide Cylinder Bores For Unparalleled Rust Protection Standard On TMX 320 And 360 standard cam Models.**
- ✓ **Multiple Internal Improvements That Other Manufacturers Don't Offer.**
- ✓ **Engines Configured, Assembled And Tested By The Most Experienced Technicians In The Industry.**
- ✓ **Engines Backed By The Reputation And Experience Of Mattituck, A Premiere Engine Overhaul Facility And Industry Leader.**
- ✓ **Personalized, Professional Service.**
- ✓ **Technical Assistance By Professional And Knowledgeable Staff.**
- ✓ **Worldwide Support.**
- ✓ **Unsurpassed Quality And Value.**
- ✓ **Operator's Manual And Logbooks Supplied With All Engines.**
- ✓ **Roller tappet and cam technology available on all Lycoming style engines.**
- ✓ **All TMX engines include the REDGOLD performance enhancement process and a three year comprehensive warranty.**

Lycoming fuel injection systems, TMX IO-390 crankcase assemblies and IO-360 180HP forward facing cold air sumps are not certified parts.

# TMX-360/320 STANDARD CAM PRICE LIST AND ORDER SHEET

**TELEDYNE MATTITUCK SERVICES, INC**  
**410 AIRWAY DRIVE, PO BOX 1432**  
**MATTITUCK, NY 11952**  
**1-800-624-6680, FAX 1-631-298-8412**

NAME \_\_\_\_\_ DATE \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 DAY PHONE \_\_\_\_\_ FAX \_\_\_\_\_  
 CELL PHONE \_\_\_\_\_ E-MAIL \_\_\_\_\_  
 AIRCRAFT TYPE \_\_\_\_\_ VOLTAGE \_\_\_\_\_

**WHICH STANDARD ENGINE CONFIGURATION DO YOU REQUIRE?**

All TMX engines listed include the Deluxe REDGOLD performance enhancement package and a THREE YEAR warranty.

Selection	Engine Description	Price
	Standard TMX O-360 180 HP Engine for Fixed Pitch	\$ 21,300.00
	Standard TMX O-360 180 HP Engine for Constant Speed	\$ 21,500.00
	Precision/Bendix Style EX or Air Flow Performance EX Injected TMX IO-360 180 HP Engine for Fixed Pitch	\$ 21800.00
	Precision/Bendix Style EX or Air Flow Performance EX Injected TMX IO-360 180 HP Engine for Constant Speed	\$ 22,200.00
	Standard TMX O-320 150/160 HP for Fixed Pitch, OHC Connecting Rods	\$ 21,200.00
	Standard TMX O-320 150/160 HP for Constant Speed, OHC Connecting Rods	\$ 21,600.00
	Precision/Bendix Style EX Injected TMX IO-320 150/160 HP Engine for Fixed Pitch, OHC Connecting Rods	\$ 21,100.00
	Precision/Bendix Style EX Injected TMX IO-320 150/160 HP Engine for Constant Speed, OHC Connecting Rods	\$ 21,600.00

**A DEPOSIT OF \$1,000.00 IS REQUIRED TO PROCESS YOUR ORDER. PLEASE MAIL THIS FORM WITH A CHECK.**  
**A FORMAL ORDER CONFIRMATION WILL FOLLOW AFTER RECEIPT OF THIS FORM.**  
 Shipping FOB Mattituck.  
 06/18/2008

Prices subject to change without notice.

# TMX-320/360/390/540 ROLLER TAPPET PRICE LIST AND ORDER SHEET

**TELEDYNE MATTITUCK SERVICES, INC**  
**410 AIRWAY DRIVE, PO BOX 1432**  
**MATTITUCK, NY 11952**  
**1-800-624-6680, FAX 1-631-298-8412**

NAME \_\_\_\_\_ DATE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DAY PHONE \_\_\_\_\_ FAX \_\_\_\_\_

CELL PHONE \_\_\_\_\_ E-MAIL \_\_\_\_\_

AIRCRAFT TYPE \_\_\_\_\_ VOLTAGE \_\_\_\_\_

**WHICH ROLLER TAPPET ENGINE CONFIGURATION DO YOU REQUIRE?**

All TMX engines listed include the Deluxe REDGOLD performance enhancement package and a THREE YEAR warranty.

Selection	Engine Description	Price
	Roller Tappet TMX O-360 180 hp Engine for Fixed Pitch	\$24,725.00
	Roller Tappet TMX O-360 180 hp Engine for Constant Speed	\$24,825.00
	Roller Tappet Fuel Injected TMX IO-360 180 HP Engine for Fixed Pitch	\$25,260.00
	Roller Tappet Fuel Injected TMX IO-360 180 HP Engine for Constant Speed	\$25,360.00
	Roller Tappet TMX O-320 Carbureted 150/160 HP for Fixed Pitch Only	\$25,180.00
	Roller Tappet TMX O-320 Carbureted 150/160 HP for Constant Speed Only	\$25,280.00
	Roller Tappet Fuel Injected TMX IO-320 150/160 HP for Fixed Pitch Only	\$25,110.00
	Roller Tappet Fuel Injected TMX IO-320 150/160 HP for Constant Speed Only	\$25,210.00
	Roller Tappet Fuel Injected TMX IO-360-2 200 hp Angle Valve Engine for Constant Speed with forward facing horizontal induction and counter weighted crank.	\$36,560.00
	Roller Tappet Fuel Injected TMX IO-360-2 200 hp Angle Valve Engine for Constant Speed with rear facing horizontal induction and counter weighted crank.	\$37,160.00
	Roller Tappet Fuel Injected TMX IO-390 210 hp Constant Speed with Forward Facing Sump	\$36,850.00
	Roller Tappet TMX O-540 250 hp Constant Speed	\$41,349.00
	Roller Tappet Fuel Injected TMX IO-540 260 hp Constant Speed	\$41,479.00
	Roller Tappet Fuel Injected TMX IO-540 300 hp Constant Speed	\$51,500.00

**A DEPOSIT OF \$1,000.00 IS REQUIRED TO PROCESS YOUR ORDER. PLEASE MAIL THIS FORM WITH A CHECK. A FORMAL ORDER CONFORMATION WILL FOLLOW AFTER RECEIPT OF THIS FORM. Shipping FOB Mattituck.**  
**02/04/2009 Prices subject to change without notice.**

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## TMX 320/360/390/540 SERIES CONFIGURATION OPTIONS

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Selection	Description	Amount
	Red Gold Performance Enhancement Includes Precision Balancing, Flow Matching, Combustion Equalization and 3 year extended Warranty This option is included as standard equipment, at no additional cost, on all TMX engines.	Included
	New RAPCO Vacuum Pump	\$340.00
	Slick Start Ignition Module	\$336.00
	New 9:1 High Compression Pistons	\$400.00
	New Aluminum Forward Facing Cold Air Induction ( TMX IO-360/IO320 180/160 HP only)	\$1 700.00
	OHC Rear Facing Warm Air Induction (TMX IO-360 180 HP only)	\$750.00
	New 55 Amp 12Volt Internally Regulated Alternator and Mounting Kit	\$240.00
	Complete Raven Aircraft Aerobatic Kit	\$875.00
	B and C Specialties Lightweight Starter	\$335.00
	B and C Specialties Lightweight 60 Amp Boss Mount Alternator	\$595.00
	Engine Components Fuel Injection. Price Available Upon Request	

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## TMX 320/360/390/540 ENGINE CREDITS

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Selection	Description	Deduct Amount
	Complete Ignition System Including Spark Plugs	\$1,200.00
	Left Magneto	\$450.00
	Right Magneto	\$400.00
	Spark Plugs	\$100.00
	Ignition Harness Per Side	\$65.00
	Fuel Pump	\$175.00
	Carburetor O-360 only	\$1350.00
	Carburetor O-320 only	\$1350.00
	SilverHawk EX Precision/Bendix Fuel Injection Servo	\$1,100.00
	SilverHawk EX Precision/ Bendix Fuel Injection Flow Divider	\$500.00
	Fuel Injection Nozzles	\$190.00
	Starter	\$245.00

If you don't see an option or credit you require, please call, we can accommodate almost any configuration or option you desire. Prices are subject to change without notice 01/09

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## TMX 320/360/390/540 SERIES ELECTRONIC IGNITION CONFIGURATION OPTIONS

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### Emag / Pmag

Selection	Description	Price
	Single Emag, Aviation Spark Plugs	498.00
	Single Pmag, Aviation Spark Plugs	843.00
	Dual Emag ,Aviation Spark Plugs	802.00
	Dual Pmag, Aviation Spark Plugs	1492.00
	One Pmag and one Emag, Aviation Spark Plugs	1147.00
	Single Emag, Automotive Spark Plugs	464.00
	Single Pmag, Automotive Spark Plugs	809.00
	Dual Emag, Automotive Spark Plugs	734.00
	Dual Pmag, Automotive Spark Plugs	1424.00
	One Pmag and One Emag, Automotive Spark Plugs	1079.00

### Lightspeed Engineering

Selection	Description	Price
	540 Plasma III Plus Crankshaft Sensor Single System	920.00
	540 Plasma III Plus Crankshaft Sensor Dual System	1795.00
	Four Cylinder Plasma II Plus Single Crankshaft Sensor	655.00
	Four Cylinder Plasma II Plus Single Hall Effect Sensor	850.00
	Four Cylinder Plasma II Plus Dual Crankshaft Sensor	990.00
	Four Cylinder Plasma II Plus Dual Hall Effect Sensor	1380.00
	Four Cylinder Plasma III Plus Single Crankshaft Sensor	930.00
	Four Cylinder Plasma III Plus Single Hall Effect Sensor	1125.00
	Four Cylinder Plasma III Plus Dual Crankshaft Sensor	1540.00
	Four Cylinder Plasma III Plus Dual Hall Effect Sensor	1895.00

If you don't see an option or credit you require, please call, we can accommodate almost any configuration or option you desire. Prices are subject to change without notice 03/08. All prices include applicable Ignition credits.

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## TMX-O200 & TMX-IO240B PRICE LIST AND ORDER SHEET

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NAME \_\_\_\_\_ DATE \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
DAY PHONE \_\_\_\_\_ FAX \_\_\_\_\_  
CELL PHONE \_\_\_\_\_ E-MAIL \_\_\_\_\_  
AIRCRAFT TYPE \_\_\_\_\_ VOLTAGE \_\_\_\_\_

Select	Description	Amount
	TMX IO-240 Basic Engine	\$ 21,135.00
	TMX O-200 Engine	\$ 20,455.00

Both of the above engines are offered with a two-year, parts and labor warranty, which are administered by Teledyne Mattituck Services.

**A DEPOSIT OF \$1,000.00 IS REQUIRED TO PROCESS YOUR ORDER. PLEASE MAIL THIS FORM WITH A CHECK. A FORMAL ORDER CONFORMATION WILL FOLLOW AFTER RECEIPT OF THIS FORM.**

Shipping FOB Mattituck, NY

Prices are subject to change without notice Jan 09

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## TMX Experimental Engine Series Contacts

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Teledyne Mattituck Services Inc.

Phone 1-800-624-6680

Fax 1-631-298-8412

<http://www.mattituck.com>

For Sales and Pricing Please Contact:

**Mike Yousik** Sales Manager Ext. 304

Email: [michael\\_yousik@teledyne.com](mailto:michael_yousik@teledyne.com)

For Technical Information and Advice Please  
Contact:

**Mahlon Russell** Production Manager Ext. 305

Email: [mahlon\\_russell@teledyne.com](mailto:mahlon_russell@teledyne.com)

**John Haas** Chief Inspector Ext. 320

Email: [john\\_haas@teledyne.com](mailto:john_haas@teledyne.com)