

# Midget Mustang – March 2023



- Mustang Information Pack: covers both M-I & M-II \$ 10.00
- Mustang Video: covers history, design, construction, kits ( DVD or USB Flash ) \$ 5.50
- Info, Video, & Construction DVD or USB Flash Drive package \$ 49.00
- Mustang Builders Reference DVD or USB Flash Drive: \$ 45.00  
Hundreds of construction pictures, finished aircraft pictures, kit pictures, FAA publications, and video clips.
- Midget Mustang Reference Drawing Set: \$65.00  
Construction drawings reduced to 11"x17" and folded in a 8-1/2" x 11" binder. No serial # and no construction manual but does include updates and the operating manual.
- Midget Mustang Drawing Set: \$ 185.00  
Construction drawings consist of 33 large size detailed drawings and templates. All bulkheads and ribs are full size and assembly drawings are detailed and easily read. The construction manual gives step-by-step instructions. It is possible to build the entire airframe with the information in this drawing set.
- M-IA Supplement: \$ 35.00  
These are drawings and a manual for installing the bubble canopy. The M-IA design makes the Midget look very much like a P-51 Mustang. Along with improved visibility the M-IA canopy also gives 1-2 inches more headroom and makes it easier to get in and out of the airplane.
- Complete Airframe Material Kit: \$15,930.00  
Contains the fabricated aluminum and steel parts for the airframe. Hardware, rivets, canopy, tailwheel assembly, main landing gear, formed skins, control surfaces, ribs, spars, bulkheads, and welded steel parts are all included. Many of the parts are prepunched for rivet holes. Hand tools are sufficient to complete the remaining work. The center section bulkhead containing the wing carry through structure is fully assembled and powder coated with the proper wing dihedral set. It should take about 1000 hours to finish assembly of the airframe less instruments, interior, paint, and lights. There are several options for factory completed components to further reduce the build time.
- Completed Wings Option: \$6,970.00  
The wings are completely riveted and ready to paint. Ailerons and flaps are also completed. The riveted main wing spar option from the forward fuselage kit is required along with the actual wing kit. The wing tips are sold separately. Interior parts are treated for corrosion and the steel parts are powder coated. Conduit is installed for the wing tip lights and pitot system. This option will save over 275 hours for the average builder. The wet wing version is \$9,720 which will include the installed filler caps, and capacitance fuel probes.
- Partial Kits: (listed in the recommended order)
- Tailcone Kit - formed bulkheads, rolled belly skin, tailwheel assembly, and the rest of the parts for the tailcone.
  - Forward Fuselage Kit - from the firewall to the seatback including main wing spars, assembled main spar carry-through, formed firewall, instrument panel, flap control assembly, rudder pedal assembly, and control stick assembly.
  - Empennage Kit - including the fin, horizontal stabilizers, elevators, rudder, and control hinges/fittings.
  - Canopy Kit - mounting material and acrylic canopy for either the M-IA or standard M-I versions.
  - Wing Kit - includes remaining wing components (no main spars), gear mounting parts, aileron parts, and flap parts.
  - Gear Assembly - aluminum gear legs and mounting tube assembly

## Note:

Additional items not listed that are needed to complete the airplane include the engine & related systems, instruments, fiberglass components, and a few other miscellaneous items. Except for the engine components, the rest can be purchased for approx. \$5800 from Mustang Aeronautics or other suppliers.

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Construction Drawings & Manual (shipping by UPS typically \$18)	\$ 185.00	_____
M-IA Bubble Canopy Drawing Supplement	35.00	_____
Complete Airframe Material Kit	\$15,930.00	_____
Complete M-IA Airframe Material Kit	16,180.00	_____
Crating Charge	220.00	_____
Completed Wing Panels Option (requires riveted wing spar options)	6,970.00	_____
Wet Wing Version (10 gal each)	9,950.00	_____
Crating Charge for Completed Wings	300.00	_____

### Partial Kits:

Rivet Kit	\$ 160.00	_____	Canopy Kit		Standard 960.00	_____
					M-IA 1210.00	_____
Tailcone Kit	1,770.00	_____	Wing Kit		4,490.00	_____
<b>Debur &amp; powder coat option*</b>	48.00	_____	<b>Assembled wing rear spars</b>		295.00	_____
Crating	140.00	_____	<b>Debur &amp; powder coat option*</b>		68.00	_____
Empennage Kit	1,890.00	_____	Crating		135.00	_____
<b>Quick build spars</b>	595.00	_____	Gear Leg Assembly Parts		1,490.00	_____
<b>debur &amp; powder coat option*</b>	195.00	_____	<b>Welding option **</b>		785.00	_____
Crating	85.00	_____	Crating		25.00	_____
Forward Fuselage Kit	5,170.00	_____				
<b>Assembled main wing spars</b>	1,035.00	_____				
<b>Debur &amp; powder coat option*</b>	205.00	_____				
Crating	125.00	_____				

\* Powder coat option is for steel parts.  
 \*\* Welded gear requires riveted main wing spars. Torque tubes are powder coated white.  
 \*\*\* Kits are shipped freight collect by a common carrier such as Yellow Freight.

### Individual Items: *(included in kits)*

Tail Wheel Assembly – Spring (\$145) and mounting tube (\$54)	199.00	_____
full swivel (steerable) 4" wheel unit	310.00	_____
Wing Fitting Set - Shaped, drilled, and heat treated (120.304) \$38ea [undrilled available]	344.00	_____
Bulkhead Sta. 73.75 Formed (120.303)	95.00	_____ + crating
Firewall Formed (engine turned add \$65)	100.00	_____ + crating
Fuselage Bulkhead Set (140.320,330,331,332,333,334,356,359,336)	475.00	_____ + crating
Wing Ribs With Cut Lightning Holes (\$20-\$26ea)	595.00	_____
Wing Spars - main 130.301 (\$77ea) and rear 130.314 (\$61ea) spars	276.00	_____ + crating
cut lightning holes in main spars ( for a pair )	\$35.00	_____
Wing Main Spar Cap Strips - Sheared to shape and undersized attach hole drilled	436.00	_____ + crating
Station 73.75 Angle Set (1.5 x 2 x 3/8" 6061-T6 cut to shape)	95.00	_____
Station 99.35 Angle 140.306 (1 x 1 x 1/8" 2024-T4)	18.00	_____
Landing Gear Mount Tube Parts 170.350 (except gear legs and rear spar sockets)	460.00	_____
Aluminum Landing Gear Legs 170.300	1,090.00	_____
2" Longer Landing Gear Legs (allows up to a 68" propeller)	1,180.00	_____
Rolled Wing Leading Edge Skin Set 130.332 (.032" 2024, .025" is a special order)	560.00	_____ +\$125 crating
Rolled Tailcone Belly Skin 140.391 [must be shipped common carrier]	295.00	_____ +\$125 crating
Tailcone Belly or Side Skins Made from 0.032" vs 0.025" 2024 alum add \$35 each		_____

## Quick Build Wing Options

Partially Assembled Wings – *add to wing kit* \$ 5,120.00 \_\_\_\_\_

- Includes assembled wing rear spars and powder coated steel parts (your choice of color). crating \$ 300.00 \_\_\_\_\_
- Requires assembled main wing spars.
- Requires the wing kit.
- Can be configured for wet wings but the builder will be sealing the leading edges and spars when riveting the skins on.
- Flaps and Ailerons are fully drilled and fitted, inside of skins are primed, skin stiffeners are riveted in place.
- Lead times are about 10 weeks. A standard 25% deposit is required. The balance is due before shipment. The wings can be picked up to save crating and shipping costs (shipping averages \$600 in the US).



Completed Wings *standard version* – *add to wing kit* \$ 6,970.00 \_\_\_\_\_

- includes assembled wing rear spars and powder coated steel parts (your choice of color). crating \$ 300.00 \_\_\_\_\_
- requires assembled main wing spars.
- requires the wing kit.
- pitot lines installed as well as conduit from the root to the tip of each wing for electrical wiring.
- lead times can be up to 12 months. A \$100 deposit is taken initially and then a non-refundable \$2000 is required when we actually start work on the wings. The balance is due before shipment. The wings can be picked up to save crating and shipping costs (shipping averages \$600 in the US). Some wings are assembled in Ft Myers, FL.



Completed Wings *wet wing version* – *add to wing kit* \$ 9,950.00 \_\_\_\_\_

- 10 gallons in each wing leading edge. crating \$ 300.00 \_\_\_\_\_
- includes capacitance fuel probes, flush filler caps.
- pitot lines installed as well as conduit from the root to the tip of each wing for electrical wiring.
- fuel tank vent lines and quick drains are installed.



# Midget Mustang - March 2023

## Package Pricing - Save \$800

### **Midget Mustang Kit Package \$ 32,310**

Complete Kit with all of the quick build options, finished wings, 15gal header fuel tank, Continental engine mount, wheels and brakes (with remote reservoir and mounted tires), Continental engine cowl, 16" spinner assembly, 4" propeller extension, propeller crush plate (for wood propeller), wing tips, tail group tips, enhanced seat back, wheel pants, wing root fillets, and crating charges.

**This package is shipped in two stages per the following schedule:**

**Deluxe Kit Shipment 1: \$ 20,775.00** (everything but the wings, up to 12 week lead time)

25% deposit at time of order	\$ 5,190.00	_____
Balance due before shipment	\$ 15,585.00	_____

#### **options**

Flop Tube in header fuel tank for inverted flight Add	\$ 195.00	_____
M-IA Style Sliding Bubble Canopy Add	\$ 250.00	_____
Lycoming Cowl, Conical Mount, and Prop Extension Add	\$ 185.00	_____
Lycoming Cowl, Dynafocal Mount, and Prop Extension Add	\$ 355.00	_____

**Deluxe Kit Shipment 2: \$ 9,650.00** (completed wings, up to 12 month lead time)

non-refundable payment due 6 weeks before shipment	\$ 2,000.00	_____
Balance due before shipment	\$ 9,535.00	_____

#### **options**

Wet Wing Version Add	\$ 2,980.00	_____
Optional Anodized Locking Fuel Caps Add	\$ 285.00	_____

## Midget Mustang

### Extras – March 2023

#### **Propeller Accessories:**

Prop. Extension (4")	5.5" / 6" diameter for Continental	385.00	_____	(+\$15 UPS within US)
	6" diameter for Lycoming	374.00	_____	(+\$15 UPS within US)
	7" dia. for 320 Lyc or bigger	453.00	_____	(+\$15 UPS within US)
Crush Plates	6" diameter x 3/8" (7" diameter add \$12)	55.00	_____	(+\$9 UPS within US)
Prop Attach Bolts	\$7.50 each (6pcs extn to crank), \$11ea (6pcs prop to extn) specify prop hub thickness	111.00	_____	(+\$10 UPS within US)
16" Spinner w/ drilled bulkhead and backplate	(specify prop hub thickness & engine)	545.00	_____	(+shipping)
Spacer for spinner front bulkhead	(1/8" thk. / drilled)	17.00	_____	(+shipping)
Spacer for spinner front bulkhead	(1/4" thk. / drilled)	25.00	_____	(+shipping)

#### **Landing Gear & Accessories:**

5:00x5 Matco Wheel Kit	brakes, axles, master cylinders, lines, and fittings	830.00	_____	(+ shipping)
	remote reservoir version	880.00	_____	(+ shipping)
Tires & Tubes	mounted tubes & 4 ply Airtrac tires on above listed wheels	282.00	_____	(+ shipping)
Remote Reservoir Kit	included in remote reservoir version wheel kit above	52.00	_____	

#### **Fuel Tanks & Accessories:**

Header 15gal Fuel Tank	- with installed capacitance fuel sender and flush filler cap	890.00	_____	(+shipping)
	Flop Tube option for inverted fuel in addition to sump outlet	185.00	_____	
Flush Filler Cap Assembly Slip Fit	(used with header fuel tank) each	\$87.40	_____	(+shipping)
Capacitance fuel probes for wet wing	56" long, 2pcs	390.00	_____	
Aux. 5gal Fuel Tank	- mounts behind seat; back fills from header	495.00	_____	(+shipping)
Flush Filler Cap Assembly	(for use with wet wing) each	42.00	_____	(+shipping)

#### **Engine Accessories:**

Engine Mounts – (can ship UPS)	Lycoming Conical	825.00	_____	(+shipping)
	powder coated white, customs colors on request	Lycoming Dynafocal	995.00	_____
	dynafocal mount uses Lord Mount #1-7402-5 (4pcs) or Aircraft Spruce p/n 08-03500	Continental	640.00	_____
				(+shipping)

#### **Miscellaneous:**

Plexiglass Canopy	(canopy only, 6month guarantee)	M-I Standard	930.00	_____	(+shipping)
	specify clear, smoke, or aviation green	M-IA Bubble	930.00	_____	(+shipping)
Cabin Air Vent Inlet	(aluminum, mounts on gear leg access cover)	each	26.00	_____	(+shipping)

#### **Fiberglass Parts:**

Fiberglass Engine Cowling	(Lyc. or Cont. with nacelles)	1095.00	_____	(+shipping)
Fiberglass Wing Tips	(with no light pad, 2 position pad, or 3 position pad)	320.00	_____	(+shipping)
Fiberglass Wing Tips	(swept tip, no light pad)	350.00	_____	(+shipping)
Fiberglass Wing Root Fillets	(will need to be fit to individual aircraft) - 130.910	470.00	_____	(+shipping)
Fiberglass Tail Group	(7 tips with or without position light on rudder section) - 150.900	320.00	_____	(+shipping)
	Rudder Bottom only 150.910	120.00	_____	(+shipping)
	Fin, Horiz Stab, Rudder, or Elevator Tips	33.50	_____	(+shipping)
Fiberglass Recessed Seat Back		215.00	_____	(+shipping)

**Books & Newsletters:**

Newsletter Backissue Book Starting in 1968		95.00	_____
Mustang Construction DVD or Flash	construction pictures, newsletters, video clips, and more	45.00	_____
Mustang Video DVD or Flash	promotional video covering the designs, construction, kits	5.50	_____
Mustang II Study Drawing Set	construction drawings printed on 11"x17" in binder	65.00	_____

**Mustang Apparel:**

Embroidered Golf Shirt (Maroon, Royal, Forest Green)	Med, Lrg, XLrg	27.50	_____ (+3.50 s&h)
* we can also custom order specific colors/sizes			
Golf Hat Leather Strap, Red with White Embroidery		15.50	_____ (+3.50 s&h)
Midget Mustang T-Shirt (100% cotton White or Sports Grey)	Med, Lrg, XLrg	12.00	_____ (+3.50 s&h)

**Tools & Jigs:**

Deluxe Mustang Tool Kit by Aircraft Tool Supply	discounted price	790.00	_____ (+30 s&h)
3x Rivet Gun w/ regulator & 2 spring retainers 2 Bucking Bar, Flush & Universal Rivet Sets, swivel set, 235 Clecoes, Clecoe Pliers, Microstop Countersink, Heavy Duty Rivet Cutter, 3" Rivet Squeezer, Dimple Dies, Fluting Pliers, Duckbill Pliers, Hand Seamer, Deburring Tool, File, Handi-Clamps, Hand Nibbler, 20pcs Drill Bits, Unibit Drill, Center Punch, Scotch Brite			
A squeezer that requires much less force to use, especially on 1/8" rivets is available from Cleveland Aircraft Tool. It is called the "Main Squeeze". Through their website it is \$445 for the kit.			
	ATS kit less their squeezer	\$670.00	_____ (+shipping)
Additional recommended tools: tape measure, 6" scale, C-clamps, aviation snips (left, right, straight duckbill), plumb bob.			
Dimpling / Riveting Fixture		\$197.00	_____ (s&h \$25 in US)
Solid Chucking Reamer for wing attach bolts		\$52.00	_____
Solid Chucking Reamer for oversize wing attach bolts		\$58.00	_____
Steel Jig for wings (ship freight collect by Roadway)		\$445.00	_____ (crating \$70)
will buy back for \$375 if usable			

# Shipping & Payment

March 2023

Please make payments by check, money order, VISA, MasterCard, or American Express. For any Credit Card order over \$200 we must receive this signed order form. Credit card payments over \$500 are subject to a 3% charge due to bank fees. All checks must be drawn on a US bank. Foreign payments must be by international money order, credit card, or electronic funds transfer. Wire transfers for less than \$900 will need to include an additional \$15 for bank fees. Full payment is required on all kit orders before shipment. A minimum deposit of 25% is required on kits and the order must be in writing (no verbal kit orders). The remaining balance is due prior to shipment. Unshipped kit orders are fully refundable except for cancellations within 2 weeks of the ship date when up to a 15% fee may be charged.

*Prices are subject to change without notice.*

Remit To: Mustang Aeronautics Inc. phone: (248) 649-6818  
1990 Heide fax: (248) 688-9275  
Troy, MI 48084  
e-mail: [Orders@MustangAero.com](mailto:Orders@MustangAero.com) [www.MustangAero.com](http://www.MustangAero.com)

From: Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone / FAX \_\_\_\_\_ E-Mail: \_\_\_\_\_  
Date: \_\_\_\_\_ Serial #: M-I- \_\_\_\_\_

Do you have your signed **Conditions of Sale & Warning Notice** from the drawing set?  
This form is required to be on file with Mustang Aeronautics for any kit orders.

Shipping Address: Name \_\_\_\_\_  
(if different from above) Street \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_

Are you installing wet wings? (we will not cut lightening holes in spars)	YES	NO
Are you using the M-IA canopy?	YES	NO
Can we give out your phone # to other Mustang builders?	YES	NO

Mustang Parts / Kit Order Total \_\_\_\_\_  
CRATING & SHIPPING Total \_\_\_\_\_  
MICHIGAN residents 6% tax \_\_\_\_\_ (also applies to all orders picked up at the factory)  
TOTAL \_\_\_\_\_

Credit Card \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp \_\_\_\_/\_\_\_\_

SIGNATURE \_\_\_\_\_

\* A verification of the order and an estimated shipping date will be provided after receipt of the order