

Midget Mustang - Parts List

11/2/2022

Part #	Qty	Unit Price	Material	Thick	Description	Drawing #
100.001	1	\$595.00	4130		Continental Conical Engine Mount (powder coat white)	
100.002	1	\$685.00	4130		Lycoming Conical Engine Mount (powder coat white)	
100.003	1	\$775.00	4130		Lycoming Dynafocal Type 1 Engine Mount (powder coat white)	
100.100	1	\$185.00			Midget Mustang Drawing Set and Manual	
100.101	1	\$115.00			Rivet Kit	
100.101	1	\$155.00			2nd Midget Mustang Drawing Set no Serial #	
100.102	1	\$55.00			Midget Mustang Ref Dwg Set (11"x17")	
100.103	1	\$45.00			Midget Mustang Builders Reference DVD or Flash Drive	
100.110	1	\$28.00			Midget Mustang Construction Manual	
100.111	1	\$7.00			Midget Mustang Replacement Dwg Sheet (s&h \$7.50)	
100.112	1	\$10.00			M-I Oversize Dwg Sheet (#3,10, or 34) (s&h \$7.50)	
120.0001	2	\$4.50			35/64" Wing Fitting Assembly Pins	
120.0002	4	\$23.00			NAS6609-21 Wing Attach Bolts	
120.0003	1	\$33.00			NAS6609-21X .015" oversize bolts	
120.0004	1	\$33.00			NAS6609-21X .030" oversize bolts	
120.102	1	\$1,145.00	2024		Assembly Bulkhead Station 73.75	5
120.201	1	\$4.00	6061		Station 73.75 Spacers 0.75 x 0.375 @ 10" (control stick)	
120.301	1	\$95.00	6061	0.375	Main Spar Carry Through Angle Set (1.5" x 2", 4/set)	
120.303	1	\$95.00	2024	0.040	Bulkhead sta 73.75	
120.304	8	\$38.00	4130	0.190	Wing Attach Fittings	
120.310	2	\$8.00	2024	0.063	Doubler sta 73.75 bulk aft side	
120.311	2	\$8.00	2024	0.063	Doubler sta 73.75 bulk fwd side	
120.341	1	\$52.00	2024	0.032	Fuselage Center Skin	21
120.342	2	\$35.00	2024	0.032	Fuselage Forward Side Skin (left and right)	22
120.343	1	\$38.00	2024	0.032	Fuselage Forward Top Skin	
130.000	1	\$285.00			Wing Hardware Kit	manual
130.0002	1	\$8.40	6061	0.187	Spar Filler 1 x 0.187 @ 48" (butt angle filler)	8, 24
130.0003	10ft	\$9.00	6061	0.125	Spar Filler 0.5 x 0.125	
130.0004	1	\$595.00	2024		Wing Rib Set (\$22-\$28ea)	7
130.0006	2	\$17.20			Piano Hinge, Aileron (46.5" each)	manual
130.104	2	\$54.00	4130		Aileron Counterweights L & R (230.104)	23
130.106	2	\$22.50	4130		Aileron Control Sockets L & R (230.106)	manual (230.008)
130.301	2	\$77.00	2024	0.040	Main Wing Spars	8, 24
130.3019	1	\$35.00			Cut Lightening Holes in Main Wing Spars	
130.302	1	\$436.00	2024	0.125	Cap Strips Main Wing Spars	8
130.311	8	\$2.50	4130	0.050	Doublers, gear attachment (220.311)	
130.313	1	\$7.80	6061	0.125	Spar Angle 1 x 1 x 0.125 @ 32" (butt angles)	8, 24
130.314	2	\$61.00	2024	0.040	Wing Rear Spars L & R	7, 9, 20
130.316	2	\$18.60	2024	0.063	Wing Rear Spar Reinforcements L & R	20
130.317	2	\$28.00	2024	0.125	Wing Rear Spar Attach Fittings L & R	9
130.321	2	\$8.40	2024	0.050	Wing Rear Spar Doubler (230.321, 230.321-1)	230.004
130.323	2	\$2.50	2024	0.032	Clip - Tip Rib To Wing Main Spar	
130.324	2	\$2.00	2024	0.032	Clip - Tip Rib To Wing Rear Spar	manual (230.005)
130.329	2	\$11.20	2024	0.032	Aileron Hinge Reinforcement L & R (230.329)	7, 23
130.332	2	\$260.00	2024	0.032	Wing Leading Edge Skins L & R (\$495/pr)	20
130.333	2	\$92.00	2024	0.025	Main Upper Skin R & L	20
130.334	2	\$92.00	2024	0.025	Main Lower Skin R & L	20
130.335	5	\$1.90	6061	0.063	Wing Walk Angle 0.75 x 0.75 @ 8"	7, 22
130.336	2	\$15.60	2024	0.032	Doubler, Bellcrank Access Opening (230.336)	

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11/2/2022

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130.337	2	\$9.40	2024	0.032	Cover, Bellcrank Access Opening (230.337)	
130.338	1	\$15.00	2024	0.032	Wing Walk Doubler	7, 22
130.361	2	\$10.80	2024	0.050	Aileron Bellcrank Mount Angle (230.361, 230.361-1)	manual (230.005)
130.362	2	\$10.80	2024	0.050	Aileron Bellcrank Mount Angle (230.362, 230.362-1)	manual (230.005)
130.363	2	\$2.00	2024	0.025	Stiffener Channel Aft, Aileron Bellcrank Rib	manual (230.005)
130.364	2	\$2.00	2024	0.025	Stiffener Channel Fwd, Aileron Bellcrank Rib	manual (230.005)
130.501	2	\$74.00	2024	0.020	Aileron Skins L & R (230.501)	23
130.502	2	\$14.00	2024	0.032	Aileron Spars L & R (230.502)	23
130.503	2	\$11.90	2024	0.025	Outboard Aileron Ribs L & R (230.503)	23
130.504	2	\$9.90	2024	0.025	Inboard Aileron Ribs L & R (230.504)	23
130.505	4	\$1.30	2024	0.025	Aileron Corner Gussets (230.505)	23
130.513	24	\$2.40	2024	0.020	Stiffener, Aileron Skin (\$35 full set) (230.513)	23
130.600	2	\$13.50			Piano Hinge, Flap 53"	28
130.601	2	\$75.00	2024	0.020	Flap Skins L & R (folded)	28
130.603	2	\$15.40	2024	0.032	Flap Spars L & R	28
130.604	8	\$1.00	2024	0.025	Flap Corner Gussets	28
130.605	2	\$56.80	4130	0.050	Flap Spar Control Fittings	27
130.606	2	\$9.90	2024	0.025	Outboard Flap Ribs L & R (230.504)	28
130.607	2	\$9.90	2024	0.025	Inboard Flap Ribs L & R	28
130.608	28ft	\$12.00	2024	0.025	Skin Stiffener Material	28
130.616	2	\$13.70	2024	0.032	Flap Hinge Reinforcements L & R	28
130.901	1	\$300.00			Fiberglass Wing Tips - no light pad	
130.902	1	\$300.00			Fiberglass Wing Tips - 2 position light pad	
130.903	1	\$300.00			Fiberglass Wing Tips - 3 position light pad	
130.904	1	\$330.00			Fiberglass Wing Tips - swept tip	
130.910	1	\$460.00			Fiberglass Wing Root Fillets	
140.000	1	\$5.00			Tailcone Hardware Kit	
140.001	1	\$372.00			Forward Fuselage Hardware Kit	manual
140.1001	1	\$36.80			Trim Tab Cable 10ft	
140.301	1	\$165.00	s/s	0.018	Firewall - engine turned finish	2, 4
140.302	4	\$4.80	2024	0.063	Firewall Attach Plates	4
140.305	2	\$5.00	6061	0.125	Firewall Angle 1 x 1 x 0.125 @ 32" and 40"	4
140.306	1	\$15.60	2024	0.125	Wing Rear Spar Carry-through 1 x 1 angle @ 24"	6, 9
140.307	1	\$6.50	2024	0.063	Wing Rear Spar Carry-through Doubler 1" x 24"	9
140.309	2	\$4.00	2024	0.063	Filler Strips 1 x 0.063 @ 30" and 36" (or 2x .032)	4
140.310	4	\$14.00	4130	0.063	Engine Mount Brackets	4
140.320	1	\$50.00	2024	0.040	Instrument Panel	5
140.330	1	\$135.00	2024	0.032	Bulkhead Station 99.35	2, 6
140.331	1	\$95.00	6061	0.032	Bulkhead Station 128.0	2
140.332	1	\$29.80	2024	0.032	Bulkhead Station 160.0	2
140.333	1	\$26.40	2024	0.032	Bulkhead Station 177.5	2, 29
140.334	1	\$24.60	2024	0.032	Bulkhead Station 182.0	2, 29
140.336	1	\$30.00	2024	0.032	Seat Support Bulkhead Station 83.75	2, 22
140.348	2	\$20.40	2024	0.125	Bulkhead Doublers Station 99.35 R&L	9
140.349	1	\$19.50	4130		Tailwheel Bracket Station 177.5	26, 29
140.350	1	\$7.50	2024	0.063	Bulkhead Doubler Station 177.5	29
140.351	1	\$33.70	4130		Tailwheel Bracket Station 182.0	26, 29
140.356	1	\$22.00	2024	0.032	Transverse Bulkhead	2, 29
140.359	1	\$9.80	2024	0.032	Doubler, Transverse Tailcone Bulkhead	

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11/2/2022

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140.369	2	\$8.60	6061	0.125	Fuselage Stringers 1 x 1 x 0.125 @ 59"	manual
140.370	4	\$21.70	2024	0.040	Forward Fuselage Stringers	4
140.390	1	\$155.00	2024	0.025	Tailcone Side Skin, left side (flanged)	21
140.3901	1	\$135.00	2024	0.025	Tailcone Side Skin, right side (no flange)	21
140.391	1	\$265.00	2024	0.025	Belly Skin (rolled)	21
140.400	2	\$7.50	6061	0.063	Elevator Bellcrank Skin Support (3/4x3/4 angle @ 30")	manual
140.402	2	\$13.80	4130	0.050	Rudder Cable Pully Brackets Station 99.35	27
140.406	2	\$9.60	4130	0.095	Safety Belt Brackets 2.625 x 0.625 & Bushings	27
140.407	1	\$38.00	2024	0.040	Fuselage Tunnel, 2 sides + tunnel	22
140.450	1	\$18.00	2024	0.032	Seat Bottom	22
140.451	2	\$10.50	2024	0.025	Seat Bottom Support R & L	22
140.453	1	\$24.80	4130	0.062	Shoulder Harness Bracket (n/a M-IA)	27
150.0000	1	\$85.00			Empennage Hardware Kit	manual
150.0001	10	\$2.40	2024	0.025	Rudder Skin Stiffeners (\$13/full set)	16
150.0002	16	\$2.40	2024	0.025	Elevator Skin Stiffeners (\$23/full set)	
150.004	2	\$1.75	2024	0.125	Elevator Stops (250.004)	manual (250.001)
150.210	2	\$64.00	4130		Elevator Control Arms	14
150.211	1	\$58.00	4130		Elevator Control Horn	14
150.212	1	\$78.00	4130		Rudder Bottom Assembly	16, 27
150.301	2	\$14.00	2024	0.032	Stabilizer Rear Spars	15
150.302	2	\$17.80	2024	0.125	Stabilizer Rear Spar Reinforcements (250.302)	15
150.303	2	\$14.00	2024	0.032	Stabilizer Front Spars	15
150.304	2	\$23.50	2024	0.025	Stabilizer Root Ribs (250.304)	19
150.305	2	\$21.70	2024	0.025	Stabilizer Tip Ribs (250.305)	19
150.306	2	\$70.00	2024	0.032	Stabilizer Skins	15
150.307	1	\$25.80	4130	0.062	Fin Leading Edge Bracket (250.307)	13
150.3071	2	\$25.80	4130	0.062	Stabilizer Leading Edge Brackets (250.307-1)	15
150.308	2	\$14.50	4130	0.062	Outboard Stabilizer Hinge Parts (250.308) (2pcs/set)	13, 26
150.309	1	\$21.60	4130	0.062	Center Stabilizer Hinge (250.309)	13, 26
150.315	2	\$12.40	2024	0.032	Elevator Spars	14
150.316	2	\$62.00	2024	0.020	Elevator Skins	14
150.317	1	\$13.90	2024	0.025	Elevator Root Rib (250.317)	14
150.318	1	\$9.50	2024	0.025	Elevator Root Rib, trim tab side (250.318)	
150.319	1	\$7.75	2024	0.025	Trim Tab Auxillary Spar	36
150.320	2	\$9.85	2024	0.025	Elevator Tip Ribs (250.320)	14
150.321	3	\$19.80			Outboard Elevator & Upper Rudder Hinges (rod end bearings)	13, 26
150.3211	3	\$32.40	4130		outboard elev/rudder hinge OLD STYLE	
150.323	2	\$4.00	4130		Elev. Cntrl Horn and Rud. Bottom Bushing	
150.329	3	\$4.50	2024	0.063	Outboard Elevator/Rudder Hinge Brkt Doubler	
150.330	1	\$70.00	2024	0.032	Fin Skin	13
150.331	1	\$28.50	2024	0.032	Fin Rear Spar	13
150.332	1	\$30.60	2024	0.125	Fin Rear Spar Reinforcement	13
150.333	1	\$12.00	2024	0.032	Fin Front Spar	13
150.334	1	\$22.80	2024	0.025	Fin Root Rib (250.334)	19
150.335	1	\$21.70	2024	0.025	Fin Tip Rib (250.305)	19
150.337	4	\$5.00	2024	0.032	Hinge Attach Doublers, Vert Fin & Horiz Stab	
150.338	1	\$14.50	4130	0.062	Upper Fin Hinge Parts (250.308) (2pcs/set)	13
150.339	1	\$21.60	4130	0.062	Lower Fin Hinge (250.309)	13
150.340	1	\$62.00	2024	0.020	Rudder Skin	16

Midget Mustang - Parts List

11/2/2022

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150.341	1	\$11.80	2024	0.032	Rudder Spar	16, 27
150.342	1	\$9.60	2024	0.025	Rudder Bottom Rib	16
150.343	1	\$9.40	2024	0.025	Rudder Tip Rib (250.343)	16
150.348	1	\$6.20	4130	0.090	Rudder Stop	16
150.349	1	\$19.40	4130	0.062	Tailwheel Steering Bracket (250.349)	27
150.350	2	\$3.00	s/s		Rudder Stop Stud 1/4-28 x 1-5/16" long	
150.354	1	\$4.60	2024	0.040	Rudder Corner Reinforcement (250.354)	
150.355	1	\$16.40	2024	0.032	Fin Rear Spar Bottom Flange Doubler	13
150.360	3	\$4.00	2024	0.032	Fin / Stab Tip Fastening Strip 1.125" x 27"	13
150.380	1	\$41.00	2024	0.020	Trim Tab Skin	36
150.381	1	\$2.80	2024	0.062	Trim Tab Arm	36
150.384	1	\$4.60			Trim Tab Piano Hinge 13"	36
150.900	1	\$300.00			Fiberglass Tailgroup Tips (7pcs)	
150.910	1	\$115.00			Fiberglass Rudder Bottom	
150.911	1	\$31.50			Fiberglass Rudder Tip	
150.912	1	\$31.50			Fiberglass Fin Tip	
150.913	2	\$31.50			Fiberglass Horiz Stab Tip	
150.914	2	\$31.50			Fiberglass Elevator Tip	
160.1011	1	\$134.00	4130		Control Stick Support Assembly	12, 33
160.1012	1	\$32.50	4130		Control Stick	12, 33
160.1013	2	\$26.60	4130		Control Stick Assembly Pivot Mounting Brackets	12, 33
160.1014	1	\$24.00	4130	0.050	Control Stick Assembly Mount Brkt	12, 33
160.1051	1	\$32.00			Axle Shaft 0.75 x 0.049	12
160.1052	2	\$68.00			Rudder Pedal Arm Assemblies	12
160.1053	2	\$37.00			Rudder Pedals (2-3/4")	12
160.1054	4	\$4.75			Aluminum Axle Rods 0.25" OD 2@3.5" & 2@3.875"	12
160.1055	2	\$15.00			Rudder Pedal Bearing Blocks (pair)	12
160.1056	2	\$9.00			Aluminum Channel 1 x 1 (brake cylinder attach)	12
160.111	1	\$56.00	4130		Flap Handle and Pivot Tube	25
160.113	2	\$48.00	4130		Flap Push Rods w/ 2 AN490HT8P	manual
160.120	1	\$132.00			Aileron Bellcrank Kit (sides, spacers, bearings, bushings)	26, 33
160.121	1	\$65.00			Elevator Bellcrank Kit (sides, spacers, bearings)	manual
160.133	2	\$68.00	4130	0.035	Aileron Pushrods (stick to bellcrank) 0.625x.035x75 (-10P)	26, 33
160.404	1	\$21.00	4130	0.090	Flap Control Quadrant	27
160.406	2	\$22.60	4130		Pivot Tube Mounting Brackets	25
160.407	2	\$27.70	4130		Pivot Tube Actuating Arms	25
160.408	1	\$25.50			Flap Handle Actuator Tube & Spring	25
160.512	1	\$47.00	6061	0.049	Elevator Pushrod 1.5" x 0.49 tube @ 77"	manual (260.006)
160.514	2	\$26.80	2024		Elevator Pushrod Inserts 1.5" (M2 260.514)	manual (260.006)
160.521	1	\$58.50	4130	0.035	Elevator Pushrod (stick to belcrk) 5/8" ODx 32.437" (-10P)	manual
160.528	2	\$4.50	6061		Aileron Pushrods (bellcrank to aileron) 1/2x.035x13 (260.528)	33
160.530	6	\$0.50			MS20470AD4-30 Rivets (for securing pushrod tube inserts)	
160.660	2	\$45.60			Turnbuckles, Rudder Cable	12
160.661	2	\$37.00			Rudder Control Cables (260.661)	12
160.662	4	\$24.80			Turnbuckles, Fuel Tank Mount (long 8")	31
170.1002	1	\$310.00			4" Tailwheel Assembly	manual (270.006)
170.300	2	\$990.00	7075		M1 Gear Legs	11
170.301	2	\$28.50	4130	0.190	Mounting Plate, Gear Leg	
170.302	4	\$12.70	4130	0.125	Mounting Plate Bracket	

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170.303	4	\$10.60	4130	0.125	Mounting Plate Gusset	
170.305	2	\$19.60	4130	0.058	Torque Tube 1.5"OD x 21.375" - bevel cut	
170.306	2	\$25.60	4130	0.058	Torque Tube 1.375"OD x 33.25"	
170.307	2	\$42.50	4130		Main Spar Gear Mounting Bracket	
170.308	2	\$29.50	4130		Gear Rear Spar Sockets	11, 26
170.310	8	\$3.80	4130	0.065	Bushings 1/2" OD x 0.437"	
170.314	4	\$4.80	4130	0.190	Gear Bracket Spacers (under bolt head, revised 2015)	11, 26
170.316	2	\$34.75	4130	0.058	Torque Tube 1.625"OD x 15.375" - bevel cut	
170.350	2	\$375.00	4130		Torque Tube Assemblies (parts)	11
170.375	1	\$145.00	4130		Tailwheel Spring	manual (270.006)
170.378	1	\$54.00	4130		Tailwheel Spring Mount Tube Assembly	
180.304	1	\$195.00			Fiberglass Seatback	
190.102	1	\$795.00	5052		Fuel Tank, 15gal Header	31
190.200	1	\$485.00			canopy, standard flip over (canopy only)	
190.221	1	\$34.00	2024	.025	canopy fairing material	
190.222	3	\$11.50	4130	0.035	canopy frame tubing 3/8"OD, 28" long	
190.223	1	\$14.80	4130	0.035	canopy frame tubing 3/8"OD, 38" long	
190.224	1	\$6.00			piano hinge 24"	
190.225	1	\$4.70	2024	.025	canopy fairing material aft top 4"x24"	
190.301	1	\$8.00		0.125	Fuel Tank Mount Angle 1 x 1 x 0.125 @ 45"	31
190.303	2	\$6.60	2024	0.125	Fuel Tank Splice Plates	31
190.304	4	\$4.80	4130	0.063	Fuel Tank Mounting Bracket	31
195.200	1	\$590.00			canopy, M-IA slider (canopy only)	
195.201	2	\$24.00		0.032	Lower Fairing	35
195.202	1	\$8.00		0.025	Canoly Seal Strip	35
195.203	1	\$14.00		0.025	Windshield Fairing	35
195.204	2	\$20.00		0.050	Track Mount Angle	35
195.205	1	\$10.20		0.125	Shoulder Harness Doubler	
195.206	1	\$16.00	2024	0.025	Transverse Bulkhead	35
195.301	2	\$34.00	4130	0.035	Steel Tube formed canopy bows 1/2"OD, 19" outside diameter	35
195.302	2	\$19.50	4130	0.035	Steel Tube side rails 1/2"OD, 43" outside diameter	35
195.303	1	\$19.50	4130	0.035	Steel Tube 0.375"OD @ 4ft	35
195.304	1	\$65.00	4130	0.035	Roll Bar - formed, 1"OD @ 4ft	35
195.305	1	\$7.00	4130	0.035	Steel Sheet	35
195.401	1	\$35.80			hardware kit M-IA	

Prices Subject to Change