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Hollywood, Florida

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## MA 1010 - JENNY - MASTER PACKAGING PARTS LIST

### Laser-Cut Wood Parts

PART #	DESCRIPTION	QUANTITY
W1	Upper wing ribs	2
W2	Upper and lower wing ribs	4
W3	Upper and lower wing ribs	22
W4	Upper and lower wing ribs	12
W5	Upper wing ribs	10
W6	Upper wing ribs	6
W7	Upper and lower wing ribs	4
W8	Lower wing ribs	2
W9	Lower wing ribs	2
W10	Upper wing ribs	2
W11	Lower wing ribs	2
W12	Upper wing ribs	2
W13	Aileron ribs	4
W14	Aileron ribs	16
W15	Center section ribs	1
W16	Center section ribs	2
W17	Center section wing struts	4
W18	Interplane wing struts	8
W19	Kingposts on upper wing	4
W23	Lower wing handhold blocks	2
W24	Wing building jig shims	20
S1	Horizontal stabilizer ribs	5
S2	Horizontal stabilizer ribs	2
S3	Elevator ribs	4
S4	Elevator ribs	2
F1	Forward instrument panel former	1
F2	Aft instrument panel former	1
F3-F10	Turtleback formers	1 each
F25	Seat bottoms	2
F26	Fuselage building jig center piece	1
F27-F32	Fuselage building jig formers	1 each
C6	Rudder bars	2
E44	Prop laminates	9
L1	Front landing gear struts	2
L2	Rear landing gear struts	2
L3	Landing gear strut lower end blocks	2
L4	Landing gear front fairing strut	1
L5	Landing gear rear fairing strut	1
L11	Tail skid	1

### Britannia Castings

PART #	DESCRIPTION	QUANTITY
C1	Aileron control horns	4
C2	Rudder & elevator control horns	6
C3	Aileron control cable sheaves	4
C3	Aileron control wire sheave	4
C4	Aileron control cable sheave bodies	4
C4	Aileron control wire sheave bodies	2
C5	Rudder bar supports	2
C7A	Joysticks	2
C7B	Joystick shaft and supports	1
C7C	Joystick forward connecting link	1
C7D	Joystick aft connecting link	1
C8	Aileron control wire quadrant	1
C9	Elevator control beam shaft	1
C10	Elevator control beams	2
C11	Elevator control beam shaft end fittings	2
W20	Wing strut end fittings	20
W21	Wing skid end fittings	4

E1	Oil pressure gauges	2
E2	Altimeters	2
E3	Ignition Switch	1
E4	Air speed indicator	1
E5	Tachometer	1
E6	Water temperature gauge	1
E7	Magneto switches	2
E8	Throttles	2
E9A	Radiator frame	1
E10	Fuel tank frame	1
E12	Fuel tank cap	1
E13	Fuel tank fuel gauge	1
E14	Fuel tank sediment vial	1
E15A	Upper engine block	1
E15B	Upper engine block bolting feet	6
E16	Lower engine block	1
E17A	Prop shaft housing	1
E17B	Oil pump and housing	1
E18	Prop clamp plates	2
E19	Prop shaft hub	1
E20	Oil fills	2
E21	Prop shaft housing top double bracket	1
E22	Sump cover	1
E23	Carburetor/V intake manifold support	1
E24	Carburetor and filter	1
E25A	Cylinders	8
E25B	Spark plugs	8
E26B	Water outlet pipes on top of cylinders	2
E27	Intake rocker actuating spring and housings	8
E28	Intake valve rocker arms	8
E29	Exhaust valve rocker arms	8
E30A	Water pump, front half	1
E30B	Water pump, rear half	1
E31	Water inlet pipes on side of cylinders	2
E32	Water inlet pipe curved section, long right	1
E33	Water inlet pipe curved section, short left	1
E34	Lower intake water pump pipe from radiator	1
E36	Camshaft gear box	1
E37	Magneto, gear box, and distributor block	1
E39	V intake manifold at carburetor	1
E40	Intake manifold pipes, long sections	2
E41A	Intake manifold pipe, long section right	1
E41B	Intake manifold pipe, short section left	1
E42	Intake manifolds	2
E43	Exhaust manifolds	2
L7L	Front upper left landing gear strut fitting	1
L7R	Front upper right landing gear strut fitting	1
L8L	Rear upper left landing gear strut fitting	1
L8R	Rear upper right landing gear strut fitting	1
L9	Landing gear axle shock cord fittings	4
L10A	Tail skid support (Part 1)	1
L10B	Tail skid support (Part 2)	1
L12	Wheel hubs	2
L13	Wheel half-rims	4

#### Photo-Etched Copper Parts

PART #	DESCRIPTION	QUANTITY
R1	Single eye rig fittings for drag wires and kingpost wires	128
R1	Vertical and horizontal stabilizer brace wire single eye rig fitting, and fittings in the ends of the wooden horizontal stabilizer struts	18
R1	Single eye rig fitting	32
R1	Fuel tank hold down	2
R1	Brace wire end fittings	8
R2	Double eye rig fittings for aileron control horn brace wires	6
R2	Elevator and rudder control horn brace wire double eye rig fitting	8
R3A	Drag wire and kingpost wire turnbuckles (short)	54
R3A	Turnbuckles (short)	18
R3A	Turnbuckles (short)	82
R3A	Turnbuckles (short)	33
R3B	Turnbuckles (long)	4
R3B	Turnbuckles (long)	36
W22	Wing wire rigging plates at struts	20

F11	Double eye cross brace wire fitting	24
F12	Triple eye cross brace wire fitting	18
F13	Strut clips (Stations 6 thru 11)	24
F14	Nose plate front piece	1
F15	Nose plate side pieces	2
F16	Upper strut clip (Station 2)	2
F17	Lower strut clip at Station 2	2
F18	Upper strut clip at Station 3	2
F19	Lower strut clip at Station 3	2
F20	Upper strut clip at Stations 4 & 5	4
F21	Lower strut clip at Stations 4 & 5	4
F22	Step plate	1
L6	Landing gear strut end lower plates	2

#### Photo-Etched Aluminum Parts

PART #	DESCRIPTION	QUANTITY
F23	Seat backs	2
F24	Cockpit cowl	1

#### Photo-Etched Nickel Silver Parts

PART #	DESCRIPTION	QUANTITY
E9B	Radiator grill	1
E11	Fuel tank front and back plates	2
L14	Wheel spokes	4

#### Wood Strips (cut to length as required)

DESCRIPTION	DIMENSIONS
Rib vertical web stiffeners and cap strips	0.020" x 1/16"
Wing strut and kingpost support pads	0.020" x 1/8"
Stringers and miscellaneous wing stiffeners	1/32" x 1/32" & 3/64" x 3/64"
Front beam flanges, and shims for wing building jig setup	1/32" x 3/32"
Rear beam flanges	1/32" x 1/8"
Front beam webs, and web blocks at compression ribs	1/32" x 5/32"
Support stringers for lower wing walk and wing tip stiffener	3/64" x 3/64"
Rear beam webs, and web blocks at compression ribs	3/64" x 1/8"
Wing tips	1/16" x 3/32"
Aileron leading edges	1/16" x 5/32"
Upper wing rear web in way of ailerons	5/64" x 1/8"
Wing skids (flexible beech wood)	3/32" x 3/32"
Front beam web between first two ribs inboard and center section	3/32" x 5/32"
Leading edge	3/32" x 3/16"
Rear beam webs between first two ribs inboard and center section	1/8" x 1/8"
Blocks (to be carved) at leading edge wing tips and hand holes	3/16" x 5/16"
Horizontal stabilizer vertical rib stiffeners	0.020" x 1/32"
Horizontal stabilizer and elevator rib cap strips	0.020" x 1/16"
Horizontal stabilizer and elevator, rudder diagonal stiffeners	1/32" x 1/32" & 1/32" x 5/32"
Rudder ribs	1/32" x 1/16"
Horizontal stabilizer chock blocks	3/32" x 1/8"
Horizontal stabilizer trailing edge and elevator leading edge	1/32" x 1/8" & 1/16" x 3/32"
Vertical stabilizer leading and trailing edge, and rudder leading edge	1/16" x 1/16"
Vertical stabilizer stiffeners and chocks	1/32" x 1/32" & 1/32" x 1/16"
Vertical stabilizer bottom stiffener and corner chock blocks	1/16" x 1/8"
Turtleback stringers	1/32" x 3/64"
Floor boards and shelf behind the rear cockpit	1/32" x 1/2"
Vertical and horizontal struts and vertical longitudinal seat rail struts	1/16" x 1/16"
Longerons	1/16" x 3/32"
Engine support beam	3/32" x 3/16"
Engine bearers	1/8" x 3/16"
Longitudinal and transverse seat rails and strut between rails	1/16" x 1/8"
Floor board supports, large vertical struts (Stations 4 & 5) and tailpost	1/16" x 3/16"
Large vertical struts (Station 3)	1/16" x 1/4"
Transverse seat supports and strut between longitudinal rails	1/16" x 1/8"

#### Wood Dowels (cut to length as required)

DESCRIPTION	DIMENSIONS
Fuselage building jig dowel pins	1/8" diameter
Ignition wiring harness tubes	1/16" diameter

#### Wood Sheet (cut to length as required)

DESCRIPTION	DIMENSIONS
Leading edge cover sheet and lower wing walk	1/64" plywood

#### Steel Rod (cut to length as required)

DESCRIPTION	DIMENSIONS
Wing trailing edge and struts between kingposts	1/32" diameter
Fake wing hinges at center wing section and fuselage	1/16" diameter
Elevator and rudder trailing edge	1/32" diameter
Horizontal stabilizer leading edge	1/16" diameter

Tail skid support rods	1/32" diameter	
Vertical struts in way of tail skid in fuselage	1/32" diameter	
Landing gear axle	3/32" diameter	
<b>Brass Rod</b> ( <i>cut to length as required</i> )		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	
Pins for kingposts	1/32" diameter	
Throttle control linkage	0.016" diameter	
<b>Brass Strip</b> ( <i>cut to length as required</i> )		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	
Aileron fake hinges	1/64" x 1/16"	
Rudder/elevator fake hinges	1/64" x 1/16"	
Fuel tank support and hold-down straps, and hanger for engine water inlet pipe	1/64" x 1/16"	
<b>Self-Adhesive Copper Tape</b> ( <i>cut to shape as required</i> )		
<b>DESCRIPTION</b>		
Bands securing trailing edge to ribs and stiffeners		
Horizontal stabilizer leading edge and elevator and rudder trailing edge bands		
Wiring harness tube straps		
Copper strip at bottom of cowl windshields		
<b>Rigging Cord</b> ( <i>cut to length as required</i> )		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	<b>MATERIAL</b>
Drag wires in wings and kingpost wires	0.010" diameter	gray nylon cord
Wrapping cord for splices	0.008" diameter	black nylon cord
Brace wires from vertical to horizontal stabilizer and brace wires for control horns	0.010" diameter	gray nylon cord
Wrapping cord for splices	0.008" diameter	black nylon cord
Fuselage cross bracing wires	0.010" diameter	gray nylon cord
Wrapping cord for splices	0.008" diameter	black nylon cord
Cross bracing wires	0.010"	gray nylon cord
Fake shock cord for axle and tail skid	0.021" diameter	white nylon cord
Wrapping cord for landing gear struts	0.008" diameter	black nylon cord
All flying, landing, brace, and control wires	0.010" diameter	gray nylon cord
<b>Copper Wire</b> ( <i>cut to length as required</i> )		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	
Water, fuel, and oil pump tubing	0.015" and 0.025" diameter	
<b>Tubing</b> ( <i>cut to length as required</i> )		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	<b>MATERIAL</b>
Radiator and engine flex hoses and pipe joints	3/32" o.d.	clear PVC tubing
<b>Flexible Covered Stranded Wire</b> ( <i>cut to length as required</i> )		
<b>DESCRIPTION</b>		
Ignition wiring		
<b>Rubber Parts</b>		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	<b>QUANTITY</b>
Black O ring tires	1-5/8" o.d.	2
<b>Rubber Tubing</b>		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	<b>MATERIAL</b>
Cockpit edging	1/8" diameter	hollow brown rubber tubing
<b>Plastic Sheet</b>		
<b>DESCRIPTION</b>	<b>DIMENSIONS</b>	<b>MATERIAL</b>
Cowl windshields	0.010"	clear plastic sheet

SCALE CONVERSION TABLE		
Full Size Inches	Model Scale Inches	Model Scale Millimeters
1/4"	1/64"	0.40mm
1/2"	1/32"	0.79mm
3/4"	3/64"	1.19mm
1"	1/16"	1.59mm
1-1/4"	5/64"	1.98mm
1-1/2"	3/32"	2.38mm
1-3/4"	7/64"	2.78mm
2"	1/8"	3.17mm
2-1/4"	9/64"	3.57mm
2-1/2"	5/32"	3.97mm
2-3/4"	11/64"	4.37mm
3"	3/16"	4.76mm
6"	3/8"	9.53mm
9"	9/16"	14.29mm
12"	3/4"	19.05mm