



FRONT LG LEG KEEL
1/32 PLY - 2 REED

REAR LG LEG KEEL
1/32 PLY - 2 REED

AREAS THAT REQUIRE RECESSING
TO ACCOMADATE TRAPPED PARTS

FRONT OUTSIDE LG LAMINATION
1/16 SPRUCE - 2 REED

AREAS THAT REQUIRE RECESSING
TO ACCOMADATE TRAPPED PARTS

FRONT INSIDE LG LAMINATION
1/16 SPRUCE - 2 REED

REAR OUTSIDE LG LEG LAM
1/16 SPRUCE - 2 REED

REAR INSIDE LG LEG LAM
1/16 SPRUCE - 2 REED

TOP BRACKET FLAT

BRACKETS ARE
ALUMINUM COLOR

BOTTOM BRACKET FLAT

SW-369
60 LB PAPER

SW-368
60 LB BOND

HOLE MUST BE OVALLED
TO ALLOW TILT SHOWN

SMALL FILLETS OF
EPOXY IN THESE
CORNERS

TUBING:
.190 ID X .215 OD

FLUSH TO TUBE
END

1/16 PLY

SW-121 2 REED
1/32 PLY

LG SHOCK
WIRE

TO BOTTOM CENTER
OF FUSELAGE LG
WIRE STAY

WHEEL AXLES MUST ROTATE
FREELY IN SPREADER BAR SLOT

SW-125 (REF)

SW-127

SW-126 (REF)

USE 3M SCOTCH-WELD 2158 EPOXY
FOR SECURING THIS ASSEMBLY TOGETHER.
2 AXLE BOBBIN SUB-ASSY'S AS SHOWN REED

LG SPREADER
BAR

SW-117

SW-130 4 REED
.047 DIA WIRE

BOBBIN ASSEMBLY
SW-343 2 REED
.010 THK METAL

SW-422 FRONT SOCKET

3.212 REF

SW-422

SW-129

USE 3M 2158 TO SECURE PLY PARTS
IN POSITION. DO NOT ALLOW EPOXY
TO MIGRATE TO PIVOT JOINTS.

NOTE:
DO NOT FINAL ASSEMBLE LANDING GEAR
BEFORE FULLY UNDERSTANDING THE
FUNCTION AND ASSEMBLY PROCESS OF
EACH COMPONENT.

SPREADER BAR
AND AXLE

SW-117 - 2 REED
.187 X .156 ID TUBING .020

SW-129

SW-131

SW-132

SW-133

SW-134

SW-135

SW-136

SW-137

SW-138

SW-139

SW-140

SW-141

SW-142

SW-143

SW-144

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SW-188

SW-189

SW-190

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SW-195

SW-196

SW-197

SW-198

SW-199

SW-200

PUMP BODY
FABRICATE FROM
SCRAP MATERIAL

AIR PUMP
SCALE 2:1

BLADE TRAILING
EDGE

COVER BACK OF PUMP WITH
PAPER DISK

SW-369

BALSA SPINNER
FROM SCRAP

SW-368

PUMP BODY

1/32 DIA WIRE
SHAPE AS SHOWN AND
INSTALL AFTER ATTACHING
AIR PUMP TO STRUT

SW-262

SW-249

1/16 X 3/16 TE

1/32 X 1/16
BALSA STRIP

1/32 SHT
GUSSETS

SW-260
REF

61.2°

1/16 X 1/2
CONSTRUCTION
RISER

1.62

SECTION D-D

FILL END
RIB

1/16 SO
SPAR

1/16 X 1/4
CONSTRUCTION
RISER

WORK
SURFACE

TOP WING AIRLERON

FILL

1/16 SO SPRUCE

1/16 SO SPRUCE

1/32 SHEET
X 3/16 WIDE
TOP AND
BOTTOM

SW-491
REAR
SPAR

1/32 SHT
GUSSETS

SW-490
FRONT
SPAR

SW-218

SW-219

SW-220

SW-221

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SW-299

SW-300

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ALUMINUM COLOR

BOTTOM BRACKET FLAT

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60 LB PAPER

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SPREADER BAR
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.187 X .156 ID TUBING .020

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SW-200

PUMP BODY
FABRICATE FROM
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AIR PUMP
SCALE 2:1

BLADE TRAILING
EDGE

COVER BACK OF PUMP WITH
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SHAPE AS SHOWN AND
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REF

61.2°

1/16 X 1/2
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1.62

SECTION D-D

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RIB

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SPAR

1/16 X 1/4
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SURFACE

TOP WING AIRLERON

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1/16 SO SPRUCE

1/16 SO SPRUCE

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TOP AND
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SCALE 2:1

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1/32 SHT
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SW-260
REF

61.2°

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