FORWARD 1/4"X1/2" BALSA CRUTCH MEMBER PATTERN

CUT 1/16" DEEP GROOVES WITH RAZORSAW

AFTER FUSELAGE CRUTCH PATTERN

WINGWALKS-BLACKENED SANDPAPER

BRASS PLATE- SEE RIGGING DETAIL NOTES

5/8"X3/4" LEADING EDGE

1/16" DIA BRASS TUBING RIGGING WIRE GUIDES

1/16" SHT COVERED BOTH SURFACES

PLY SPARS

BLACK LETTERING

1/8" BALSA PLATFORM FOR 3/4 OZ LEAD WIEGHT

LINE GUIDE

1/2" SHT TIPS

1/4"X1/2" SPAR

FILLER OMITTED-FOR CLARITY

BALSA FILLER OVER HINGE

BIND TO RIB

3/16"X7/16" L E

1/8" DOWEL

FLAP HINGE PIN

3/32" DIA ALUM HINGE BEARINGS

BEVEL SHT SURFACES TO THIS LINE

LANDING FLAP CONTROL HORNS

3/16"X3/8" TRAILING EDGE

1/8" DIA HOLES

1/4" PLYWOOD

A - 1 REQ

B - 2 REQ

C - 2 REQ

D - 2 REQ.

NOTE GRAIN

REINFORCING PINS

FRONT SPAR - 1/8" PLYWOOD

REAR SPAR - 1/8" PLYWOOD

BIND UNDERCARRIAGE STRUTS TO SPARS THEN ADD SPARS TO WING STRUCTURE

BRASS GROMMETS

1/16" PLY LINE GUIDE

H - 2 REQ

E - 12 REQ.

14 REQ.

ALL RIBS 1/8" SHT BALSA UNLESS OTHERWISE NOTED

F - 1/8" PLY 2 REQ

6 REQ

I - 3 REQ

G - 2 REQ

3/32" DIA ALUM TUBING HINGES

DOPE SILK SQUARES AROUND TUBING

TRIM TAB OUTLINE

BALSA FAIRING BLOCKS

C/L - DUMMY CYLINDERS

TO VENTURI BUTTERFLY VALVE

BRASS EXHAUST SLIDE

3/8"X1/2" MAPLE MOUNTS

J HOBERTS UPRIGHT TYPE BELLCRANK - BOLT TO MOTOR MOUNTS

CHECK ALL LINKAGES FOR FREEDOM OF MOVEMENT BEFORE PLANKING UPPER FUSELAGE

VECO CONTROL HORN

3/16" SHEET STAB & ELEVATORS

RIGGING DETAIL

BEND SHARP ANGLE IN WIRE - PASS THRU WING GUIDE - SWEAT SOLDER ONE END INTO TUBING FIX NEAR COCKPIT - PASS OTHER END THRU GUIDE IN STRUT FAIRING & SWEAT SOLDER INTO TUBING FIX AT WING C/L

SMALL DIA MUSIC WIRE

1/8"X1/4" PINE STRUT

RIGGING GUIDES

1/16" BRASS TUBING RIGGING WIRE GUIDES - SOLDER-THRU BRASS BRACKET THEN ADD STRUT FAIRINGS

1/16" BRASS TUBING RIGGING WIRE FIX - PASS THROUGH HOLE IN PLYWOOD CENTER RIB - SOLDER TO BRASS PLATE

CYLINDER DETAILS

COOLING FINS & SPACERS OF SLIGHTLY DIFFERENT THICKNESSES OF CELLULOID RINGS - TUBING USED FOR STACKS & PUSHRODS

SIDE VIEW

REAR VIEW

1/8" DOWEL

TRIM TO CORRECT LENGTH BEFORE INSTALLING

ALL THROTTLE & LANDING FLAP LINKAGES & FITTINGS SHOWN IN FULL-SPEED, FULL-UP POSITION

WINDSCREEN PATTERN (2 REQUIRED)

1-7/16"

ALL BULKHEADS 1/8" SHT BALSA UNLESS OTHERWISE NOTED

TRU-SCALE SPINNER MUST BE SPECIALLY TURNED - SIMILAR TO REGULAR FROOM SPINNER — OR MAKE OUT OF WOOD

BLACK ANTI-GLARE PANELS

FUEL PICKUP TUBE MODIFIED

BALSA HEADREST

BLUE

R W R W R W RED WHITE RED W R W R

3/16" SHT FIN & RUDDER

BALSA BLOCKS

FOX 25

BLACK NUMERALS

CRUTCH

COWL BREAK

BRASS LANDING FLAP CONTROL HORNS

BALSA BLOCKS

VECO PROP SHAFT EXTENSION UNIT

BLACK NUMERALS

BALSA STRUT FAIRINGS

MAIN STRUT 3/32" DIA PIANO WIRE

REAR STRUT 1/16" DIA PIANO WIRE

2" DIA VECO WHEELS

SHIM BRASS RIGGING BRACKET SOLDER TO REAR STRUT

VECO TANK

1/8" PLYWOOD

BALSA FAIRING

1/8" PLY

BIND A 1/16" BRASS TUBING RIGGING WIRE FIX TO EACH SIDE OF B'LKHEAD NO 2

TEMPORARY PLANKING AIDS

7/8" DIAMETER

1/8" PLYWOOD

1/4"X1/2" BALSA CRUTCH

CUTOUT FOR LANDING FLAP CONTROL HORNS PASSAGE

1/8"X1/4" BALSA PLANKING

1/4" DIA H'DWOOD DOWEL - SPLIT ON CENTER

Ryan PT-22

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