WING PLAN

WT-2 TOP & BOTTOM

3/8" DOWEL

1/4" SQ. BALSA LEADING EDGE

WJ-2

WJ-1

1/16" BALSA WING SHEETING - TOP AND BOTTOM

WT-1

5/32" DIA. MUSIC WIRE - MAKE 2

LANDING GEAR PATTERN

OPTIONAL SERVO LOCATION

(SINGLE) AIL. SERVO SHOWN

W-1A

OPTIONAL SERVO LOCATION FOR FLAPERON FUNCTION - ONE IN EACH WING

1/4" x 1/2" BALSA SPARS - TOP & BOTTOM

1/16" x 1/4" BALSA CAP STRIPS TOP AND BOTTOM

3/32" BALSA SHEET WING TIP CORE

1/16" x 1-1/2" BALSA SHEETING TOP AND BOTTOM

1/4" x 1/2" PLY SERVO MOUNTS

W-2A

1/4" SQ. BALSA TRAILING EDGE

1/2" SQ BALSA RIB SHIM - GLUE TO PLAN

BALSA BLOCK FILL

1/4" x 1/2" BALSA FILL FLUSH WITH BOTTOM

1/16" BALSA SHEET WING TIP COVERING, MAKE 4

AILERON

5/16" x 1-1/4" BALSA AILERON STOCK

AILERON HORN LOCATION FOR DOUBLE SERVOS

AILERON

HINGE TO SUIT

AILERON THROW 1/4" TO 3/8" UP & DOWN

AILERON CONTROL FOR SINGLE SERVO

1/8" BALSA SHEET

1/4" PLY

1/8" BALSA SHEET

F-5

F-1

FRONT

CENTER OF MOTOR MOUNT

F-3

F-8

1/4" PLY SERVO MOUNT

1/8" BALSA SHEET

F-4

1/8" PLY MAKE 2

LG-2

W-1A

1/8" BALSA SHEET

1/4" PLY WING MOUNT BLOCK

1/4" x 1/2" BALSA

1/8" BALSA SHEET SIDES

1/4" SQ. BALSA

1/4" SQ. BALSA

1/8" BALSA SHEET FILLER, VERTICAL GRAIN

LG-2

LG-1

LG-2

BATTERY

COCKFIT OUTLINE

NO WOOD SERVO RAILS

FUSELAGE TOP VIEW

1/16" PLYWOOD

.40-.50 ENGINE

L.G. STRUT FAIRING

CLEAR PLASTIC CANOPY

OPTIONAL PILOT FIGURE

1/4" PLY

LG-1

5/32" DIA HOLE

1/8" PLYWOOD

1/8" x 3/8" BALSA PLANKING

WJ-1

3/8" DIA.

1/4" BALSA SHEET

FIN

FIN EXTENDS DOWN TO STABILIZER

RUDDER

BALSA FILL (FAIRING)

HINGE TO SUIT

1/8" BALSA SHEET

F-7

NOSE RING

BALSA BLOCK COWL

3/32" FLOOR

B-07 FUEL TANK DU-BRO

RECEIVER AREA

BATTERY

RUD. AND ELEV. SERVOS

AILERON LINKAGE

1/16" PLY DOUBLER

1/8" BALSA SHEET FUSELAGE SIDES

SD-1

RUDDER HORN

RUDDER THROW 1-3/8" RT. & LFT

1/8" BALSA SHEET

2 1/4" DIA. SPINNER

3/4" x 3" x 6" BALSA

MOTOR MOUNT

WJ-2

WJ-1

AILERON SERVO

1/4" x 1/2" PL.

1/4" SQ. BALSA

1/8" PLY TAIL-WHEEL MOUNT

1/16" DIA. MUSIC WIRE

1/2" - 3/4" DIA TAILWHEEL

W-6

FUSELAGE SIDE VIEW

METAL L.G. STRAPS - ATTACH WITH SCREWS

BALANCE POINT ON MAIN SPAR

1/16" PLY PLATE

TWO 10-32 x 1" SCREWS

3/32" BALSA SHEET BOTTOM - CROSS GRAIN

3/16" BALSA STRUT FAIRINGS

WHEEL PANTS VACUUM FORMED OR TO SUIT

1/8" AIRCRAFT PLYWOOD

F-2

2-1/2" DIA. MAIN WHEELS

RIGHT SIDE DOUBLER

LEFT SIDE DOUBLER

SD-1 1/8" BALSA DOUBLERS MAKE 2

SD-1

FUSELAGE SIDE PATTERN

SD-1

1/8" BALSA SHEET

△ = 1/16" PLYWOOD DOUBLER

1/4" x 3/8" BALSA L.E.

1/4" BALSA SHEET

SU-1 1/8" BALSA DOUBLERS

1/8" x 1/4" BALSA RIBS

1/4" x 3/8" BALSA

1/4" SQ. BALSA

1/4" BALSA SHEET

STABILIZER

HINGE TO SUIT

NOTE: STAB./ELEV. IS BUILT AS SHOWN & COVERED WITH PLASTIC FILM FOR LIGHT ENGINES. 1/4" SOLID BALSA SHEET FOR LARGER ENGINES

WT-2

1/4" x 3/8" HARDWOOD OR PLY

1/4" x 3/8" BALSA

ELEVATOR

ELEV. THROW 3/4" TO 1" UP AND DOWN

NOTE: VACUUM FORMED COWL, CANOPY AND WHEEL PANTS ARE AVAILABLE FROM: NICK ZIROLI PLANS
225-23 FIFTH ST.
RONKONKOMA, NY 11779
PRICE $ 15.95 + $ 4.00 U.P.S.
IN CONTINENTAL U.S.A.

W-1 1/8" BALSA MAKE 2

W-2A

W-2 3/32" BALSA MAKE 16

W-1A

WING RIB DETAIL

1/2" SQ. BALSA RIB SHIM

1/8" BALSA SHEET

WT-1

3/32" BALSA SHEET MAKE 4

1/8" PLYWOOD

3/8" DIA.

WJ-2

0" 1" 2" 3" 4" 5" 6"

MODEL AIRPLANE NEWS

HARRY WILLIAMSON'S (M.A.N. 1951)

RINGMASTER

DESIGNED BY NICK ZIROLI

DRAWN BY NICK ZIROLI

INKED PLANS BY JOE DEMARCO

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SHEET 1 OF 2

FSP 0897!