WING PLAN TOP VIEW LEFT PANEL

3/32" BALSA SHEAR WEBS, VERTICAL GRAIN

3/32" BALSA SHEETING TOP & BOTTOM

3/8" x 1/2" BALSA LEADING EDGE

4" FIBERGLASS REINFORCEMENT

1/4" DOWEL — WING HOLD DOWN

1/4" BALSA CENTER RIBS

1/4" SQ. BALSA SPARS TOP & BOTTOM

3/32" BALSA TIP PLATE

3/32" BALSA SHEETING TOP & BOTTOM

1" DIHEDRAL EACH TIP

3/32" BALSA RIBS

3/16" x 1/4" BALSA T.E.

3/32" BALSA CAP STRIPS

1/4" x 1/8" BALSA REAR SPARS TOP & BOT.

3/32" BALSA CENTER SECT. SHEETNG TOP & BOTTOM

WING BOLT HOLE

AILERON HORN

1/4" BALSA SHEET MAKE TWO

HINGE LOCATION

1" x 1/4" BALSA AILERON

CROSS SECTION

HINGE LOCATION

WING SADDLE

RIB PATTERN

3/32" BALSA MAKE 20

1/4" BALSA MAKE 2

1/4" SQ. HD. BALSA

3/32" BALSA SHEET GRAIN LENGTHWISE

F-1

F-2

F-3

1/4" PLY

3-1/4" x 1/2" x 1/4" PLY WING BOLT PLATE

1/2" TRI-STOCK GUSSET

BALSA NOSE - SHAPE TO SUIT - ADD LEAD BALLAST IF REQUIRED

RUD

AIL.

ELEV.

THR

TO THROTTLE

TO AILERONS

ADD BRACES IN BATT. / RCVR. COMPARTMENT TO ALLOW FREE ELEVATOR & RUDDER MOVEMENT

FUSELAGE TOP VIEW

TOP SHEET OMITTED FOR CLARITY

ANTENNA TO WING TIP

SEE DETAL BELOW

1/4" SQUARE BALSA DIAGONALS, VERTICALS AND CROSS BRACES

3/32" BALSA TOP & BOTTOM SHEETING (CROSS GRAIN)

1/4" SQ. SPRUCE LONGERONS

THROTTLE ROD

INSIDE FIN SHT. TO TOP OF FUSE. ONLY

3/32" BALSA - 2 LAMS VERT GRAIN OUTSIDE HORIZ GRAIN INSIDE

CUT TO CLEAR PROP

SHAFT EXTENDER

NOTCH FOR FUEL LINES

1/4" PLY

F-3

1/4" BALSA SHEET RUDDER

STAB. MUST BE 1° - 1-1/2° POSITIVE

BALSA FILL

FUTUBA FP-528 SERVO TRAY

SWITCH

COLLAR

F-1

BLIND NUTS

ELEV. & RUD. SERVOS

AIL. & ENG. SERVOS

ROD BRACE

1/4" PLY GUSSET

8 OZ. FUEL TANK CLUNK TO REAR

0° INCIDENCE

1/4" PLY

F-2

1/4" PLY

3/32" PLY HATCH

BATT. & RCVR LOCATION

1/16" PLY GUSSET

FUSELAGE SIDE VIEW

RF-350 FULTS TOOLING DUAL NOSE STRUT

NOTE: BALL LINKS MUST BE USED ON ELEV. CONNECTORS. BEND ROD ONLY TO CLEAR SERVO.

TRAINER ACROBATIC C.G. RANGE

SULLIVAN BLUE GOLDEN ROD

GREAT PLANES L-3 DURAL GEAR

FOX MOTOR MOUNT

1/4" NYLON BOLT

10 x 6 MASTER AIRSCREW REVERSE PITCH PROP

2" KRAFT WHEEL

NOSE WHEEL MUST BE SHORTER THAN MAIN WHEELS

NOTE: USE BOTTOM OF FUSELAGE AS 0° DATUM LINE

2-1/2" CLEARANCE

2-1/2" DIA. KRAFT WHEELS

F-2

F-1

1/4" PLYWOOD

BRASS OR COMMERCIAL STEERING ARM

SOLDER TO COLLAR

ELEV. JOINER / HORN

1/8" M.W.

HARD SOLDER

ARM ROTATED FOR CLARITY

BALL LINK

1° - 1-1/2°

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

NOTE: WEIGHT 4 LBS. 6 OZ.
713 SQ. IN. AREA
14.14 OZ./SQ. FT. LOADING

1/4" SQ. BALSA

TYPICAL HINGE LOCATION

1/4" BALSA SHEET

STAB. ELEV.

OVERSIZE HOLE FOR RUDDER

℄

1/4" BALSA SHEET

1/32" ALUM. TRIM TAB BEND UP 1/16"

0°

ENGINE SET 1-1/2° - 2°

FOX 40 ENGINE

.25 - 40 SPORTS TRAINER

MODEL AIRPLANE NEWS

BC BASIC CANARD

DESIGNED & DRAWN BY FLOYD MANLY

TRACING BY JOE DEMARCO