SCRAP BALSA

GRAIN

T2

1/8" BALSA

GRAIN — WT-R (2)

GRAIN — WT-F (2)

WING TIPS

NOTE TO KIT BUILDERS:

DUE TO CHANGES IN TEMPERATURE AND HUMIDITY, THE PAPER PLANS MAY EXPAND OR CONTRACT SLIGHTLY. THEREFORE, THE PARTS MAY NOT EXACTLY MATCH THE PLANS. THIS WILL NOT AFFECT AIRCRAFT PERFORMANCE. ASSUME THE PRE-CUT FARTS ARE CORRECT AND ADJUST YOUR ASSEMBLY AS REQUIRED.

VSS (1) GRAIN

3/32" BALSA

VERTICAL STABILIZER

HINGE WITH REMOVEABLE PIN (2)

RUDDER
3 LAMINATIONS OF 1/32" BALSA

GRAIN

TAIL SPRING SLOT - CENTER LAYER ONLY

VERTICAL STABILIZER

GRAIN

GRAIN

EZ HINGES (4)

GRAIN

HORIZONTAL STABILIZER

3/32" DIA. DOWEL

ELEVATOR

HORIZONTAL STABILIZER

3/32" BALSA

OUTER LINE SHOWS LOCATION OF WING TIP ASSEMBLED FLAT ON BUILDING SURFACE

WT-R

WT-F

WG4 (2 TOTAL)

W1

(2 TOTAL) WG3

WG2

WG2

1/8" x 1/4" BALSA LEADING EDGE

1/8" x 3/16" BALSA TRAILING EDGE

1/8" SQ. BALSA (ALL SPARS)

1/16" BALSA SHT. (ALL GUSSETS)

(5 TOTAL) WG2

W1

WG1

WG1

WG2

W1

1/16" BALSA (3)

WG2

W1

WG2

WG4

WG3

WING TOP VIEW

OUTER LINE SHOWS LOCATION OF WING TIP ASSEMBLED FLAT ON BUILDING SURFACE

T1 DIHEDRAL TEMPLATE

BUILDING SURFACE

USE TEMPLATE "T2" TO CUT L.E. & T.E. WING TIP DIHEDRAL JOINTS

T2

WING FRONT VIEW

NOTE ON COVERING:

WE SUGGEST USING LITESPAN COVERING (WITH BALSALOC ADHESIVE) FOR LIGHT WEIGHT. LITESPAN & BALSALOC ARE BOTH AVAILABLE FROM CLANCY AVIATION.

1/16" I.D. WHEEL COLLAR (2)

TREXLER #3 AIR WHEEL (2) (FOR R/C) PECK 1-1/4" HOLLOW PLASTIC WHEELS (FOR F/F)

B2

B1 (BELOW) FT1-A

BOTTOM CROSS MEMBER ONLY

ALL CROSS MEMBERS 1/8" x 1/4" BALSA

BAMBOO DOWEL

EZ HINGES

VSS

G2

C1

FT1-B

FT2

3/32" DIA. DOWEL

FUSELAGE TOP VIEW

1/16" DIA. MUSIC WIRE WRAPPED WITH THREAD

3/64" DIA. MUSIC WIRE PUSHROD (2)

ALL SIDE MEMBERS 1/8" SQ. BALSA

ALL CROSS MEMBERS 1/8" x 1/4" BALSA

BAMBOO DOWEL

BAMBOO DOWEL

B2

SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

ELEVATOR TRAVEL ±1/4"
RUDDER TRAVEL ±1/4"

B1 (1)

1/16" PLYWOOD

WG1 (2)

1/8" BALSA

FS3 (2)

FS1 (2)

FS2 (2)

FS5 (2)

GRAIN

G6 (2)

G3 (2)

G2 (2)

G4 (2)

G5 (2)

C2 (2)

G1 (2)

T1 (1)

GRAIN

C1 (1)

GRAIN

B2 (1)

(1) FT1-A

(1) FT1-B

WG3 (2)

(2) WG4

W1 (3)

FT2 (1)

(2) WG2

1/16" BALSA

RUDDER
3 LAMINATIONS OF 1/32" BALSA

HINGE WITH REMOVEABLE PIN (2)

FT2

VSS

G4

G5

NO. 8 RUBBER BAND

G6

FS5

1/32" DIA. WIRE TAIL SPRING

NO. 8 RUBBER BAND

1/8" x 3/16" SPRUCE TAIL SKID

ADJUST SLOT & LOCATION AS REQUIRED

C.G. LOCATION (WITH EMPTY FUEL TANK)

FT1-B

FT1-A

A

B

C

D

E

FS3

ALL SIDE MEMBERS 1/8" SQ. BALSA

1/16" DIA. MUSIC WIRE WRAPPED WITH THREAD

1/16" SCRAP BALSA

1/8" SQ. BALSA

FS1

FS2

CLEAR MYLAR WINDOWS

G3

B1

B1

C1

B2

G1

SERVOS

C2

1/32" BALSA SHT. (CROSS GRAIN)

ADJUST RADIO GEAR LOCATION TO ACHIEVE PROPER BALANCE

1/16" BALSA SHT. (CROSS GRAIN)

3/32" O.D. ALUMN. TUBE

.045 OR .063 DIA. WIRE AXLE

FUSELAGE FRONT VIEW

FUSELAGE SIDE VIEW
(SHOWN FLAT ON BUILDING SURFACE)

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LADY BUG™

.020 TO .051 POWERED SMALL FIELD R/C AIRPLANE

ORIGINAL DESIGN BY: ANDY CLANCY

REVISED DESIGN BY: DICK MILLER

CAD DRAWING BY: CRAIG HAVILAND

SCALE: 1:1 | REV: B 4/97 | SHT: 1 OF 1