



1/8" SQ. BALSA LEADING EDGE

ALL GUSSETS
1/16" SHEET

1/16" x 1/8" TOP SPAR

1/16" x 3/16"
BOTTOM SPAR

WING PLAN

CENTER SEC.

SOFT BALSA WING TIPS

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

SPARS TOP & BOT. IN THESE SECTIONS

BUILD WING IN LEFT & RIGHT PANELS SET UP OVER CENTER SECTION, ADD CENTER SECTION RIBS AND SPARS.

1/16" SHEET BALSA RIBS
14 REQ'D

1-3/4"

1-3/4"

RAISE EACH WING TIP 1-3/4"

3/32" SQ.

REMOVABLE NOSE PLUG
(LAMINATED BALSA OR HARDWOOD)

1/8" SHEET

BRACE

1/16" x 1/8" BALSA

3/32" x 1/4" WING MOUNT BRACE

HEADREST

FUSELAGE TOP VIEW

1/8" SHEET

SOFT WIRE

STAB.

NOSE BLOCK
MED. HARD BALSA
(HOLLOWED OUT)

WING MOUNT PINS
1/16" DOWELS
RUBBER BAND HOLD DOWN

WIND SCREEN

3/16" ALUM. TUBE
MOTOR PIN

FIN

3/32" SHEET

FREE-WHEELING UNIT

.032 WIRE

PLASTIC WIND SCREEN

SOFT BALSA HEADREST

STABILIZER POSITION

3/32" SHEET

WING MOUNT STRUTS
1/8" BALSA SHEET

FUSELAGE SIDE VIEW

3/32" x 1/4"

1-1/8"

3/8"

1/2"

1/4" WASHERS
040 WIRE

SANDWICH
1/8" SHEET

PATTERNS FOR LANDING GEAR STRUTS

1/2" HARDWOOD TAIL WHEEL

MAIN STRUT
047 WIRE

BRACE STRUT
032 WIRE

MAIN STRUT
047 WIRE

032 M.W.

BIND WIRES WITH THREAD

WILLIAMS BROS. VINTAGE WHEELS
1-7/8" DIA.

BRACE STRUT
032 WIRE
BEND TO FIT
(SEE SIDE VIEW)

WING SPAN 26" WEIGHT 2.5 OUNCES

THE NAVY FLIER

DESIGNED & DRAWN BY S. GILLESPIE

TRACING BY JOE DEMARCO

PROP CARVED FROM
1" x 1-3/4" x 10" BLOCK
MEDIUM HARD BALSA

