

**FUSELAGE TOP VIEW**

3-1/2" DIA. SPINNER SHOWN IN THIS VIEW

1/8" PLY

1/8" PLY L.G. PLATES

1/4" SQ. HARDWOOD

RUDDER SERVO

ELEV. SERVO

F-1

F-2

F-2A

F-3

F-4

F-5

F-6

F-7

F-8

2-1/2"

2-5/8"

F-1A

F-1A

OPTIONAL CUT OUT

1/8" Balsa SHEET

1/4" Balsa STRINGER

1/8" PLY FUSELAGE SIDES

1/8" PLY TAIL MOUNTING PLATE

3/8" X 3/4" HARDWOOD L.G. SUPPORTS

1/8" LITE PLY

ELEVATOR SERVO

1/8" Balsa SHEET

1/8" PLY

TAIL BRACE WIRE ATTACHMENTS

TAILWHEEL BRACKET

1-1/2" DIA. TAILWHEEL

3/8" Balsa SHEET

3/8" SQ. Balsa

HARDWOOD BRACE WIRE ATTACHMENTS


TOP VIEW

 **ACE R/C**  
116 W. 19th St., P.O.Box 511, Higginsville MO 64037 (816) 584-7121

Drawn by  
**JOE DEMARCO**

**30%**  
Wing Span: 87"  
Wing Area: 1190 Sq In  
Weight: 15 Lbs and Up  
Engine: ST2500, ST300,  
Q35, G-38, Etc.

**50G5030**  
Extra 230 Kit, 30%


**ACE R/C**


REVISED 1-30-92  
PLATE 1 OF

**50G5030**  
Extra 230 Kit, 30%



**FORMERLY  
MANUFACTURED BY  
R/C EXTRA'S**

116 W 19th St., P.O. Box 511, Higginsville, MO 64037 (816) 584-7121 FAX (816) 584-7766



3/4" x 1/2" Balsa T.E.

1/8" PLY

1" x 1/2" Balsa L.E.

HINGE

**WING TIP DETAIL**

1/4" Balsa - TAPER AS SHOWN

1" x 1/2" Balsa / LEADING EDGE

3/8" X 3/4" HARDWOOD  
COWL HOLD DOWN

8-32 NYLON BOLT

HARDWOOD GUSSETS

BALSA BLOCK

3/4" x 3/8" HARDWOOD

1/8" PLY

BALSA BLOCK

BALSA

1/8" PLYWOOD

APPROX. LOCATION OF WING BOLT HOLES

2-7/16"

1/8" PLY

1/8" BALSA

1/8" PLY

**F-1**

**F-2**

Diagram F-3 shows a cross-section of the fuselage with a central oval cutout. Labels include: 3/4" x 3/8" Balsa (top), 1/4" SQ. HARDWOOD (top center), 1/8" LITE PLY (top right), 1/8" Balsa (bottom left), 1/8" PLY (bottom left), and 1/8" PLY (bottom right). A dashed line indicates the centerline.

Diagram F-4 shows a cross-section of the fuselage with a central oval cutout. Labels include: 1/8" LITE PLY (top right), 1/8" Balsa (bottom left), and 1/8" Balsa (bottom right). A dashed line indicates the centerline.

Diagram F-5 shows a cross-section of the fuselage with a central oval cutout. Labels include: 1/8" LITE PLY (top right), 1/4" Balsa TAPER (bottom left), and F-5 (bottom center). A dashed line indicates the centerline.

The diagrams illustrate the ply counts and materials for three different forms:

- F-4A:** A large, semi-circular form with a vertical centerline. The left half is numbered 1 through 17 from top to bottom. The right half is numbered 1 through 17 from bottom to top. A label "1/8" LITE PLY" points to the material.
- F-7A:** A smaller, semi-circular form with a vertical centerline. The left half is numbered 1 through 17 from top to bottom. The right half is numbered 1 through 17 from bottom to top. A label "1/8" LITE PLY" points to the material, and a label "1/4" PLY" points to the material.
- F-3A:** A large, semi-circular form with a vertical centerline. The left half is numbered 1 through 17 from top to bottom. The right half is numbered 1 through 17 from bottom to top. A label "1/8" LITE PLY" points to the material.

The image contains two technical cross-section drawings of boat hulls, labeled F-6 and F-7. Drawing F-6 on the left shows a hull with a central oval-shaped opening. It is constructed with 1/8" LITE PLY on the outer surface, 1/8" PLY on the inner surface, and 1/8" BALS A CAP at the bottom. The hull is supported by 1/4" SQ. HARDWOOD STRINGERS. Drawing F-7 on the right shows a similar hull design but with an 1/8" PLY L. G. MOUNT at the bottom instead of a balsa cap. Both drawings include dimension lines and labels pointing to the respective materials and components.

1/8" LITE PLY

1/8" PLY

1/8" BALS A CAP

1/4" SQ. HARDWOOD STRINGERS

**F-6**

1/8" PLY L. G. MOUNT

**F-7**

1/8" LITE PLY

**F-1A**

1/8" LITE PLY

**FRONT HATCH FORMER**

**F-1B & F-1C**

1/8" LITE PLY

TOP

F-2A

Diagram of a 1/8" PLY wood panel, showing a cross-section with vertical grain lines.

[illegible]

WING / FUSE ASSEMBLY (TOP VIEW) REVISED 1-30-92  
PLATE 2 OF 2

**EXTRA 230**

 **ACE R/C** **30%** 

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