1/2" x 3/4" BALSA

1/8"x 1/2"

1/8"x1" BALSA

1/8"x1" BALSA

W3 PLY. SPAR

1/4" BALSA WING TIPS

1/16" SHEET BALSA TOP AND BOTTOM

1/4" BALSA WING TIPS

W1 W1 W1 W1 W1 W1 W1 W2 1/16" W2 1/8" W2 1/8" W2 1/16" W2 1/8" W2 1/8" W2 1/16" W1 W1 W1 W1 W1 W1 W1

1/8" DOWEL

DIHEDRAL: BLOCK UP EACH WING TIP 2 1/2"

WING RIBS

W1

MAKE 14 RIBS FROM 1/16" BALSA

1/8" PLYWOOD WING SPAR W3

NOSE DOUBLERS

F4 LEFT 1/4" BALSA

F4 RIGHT 1/4" BALSA

1/8"x 1/2"

F3

1/8" BALSA

1/8"x 1/2"

W2 W2

MAKE 3 RIBS FROM 1/16" BALSA

MAKE 4 RIBS FROM 1/8" BALSA

F6 1/8" PLY.

F5 1/8" PLYWOOD

F1 1/4" BALSA

NYLON HINGES

1/8" SIDES END HERE

F4

1" TRIANGLE STOCK

F6

3 SERVOS IN TRAY

1/8"x 1/2"

S3

F3

1/16" PIANO WIRE PUSHRODS

THROTTLE

NOSEGEAR

F5

SS-4 TANK

1/8" SHEET BALSA TOP AND BOTTOM

GOLD-N-RODS

S3

LONG CONTROL HORNS

1/4" BALSA

SERVO RAILS

F6

F4

1/4" WING HOLD-DOWN DOWELS

S1 S2

1/4" SHEET BALSA

TATONE EXHAUST MANIFOLD

2 1/4" SPINNER

3° RIGHT

F1

F2

1/16" PLY. SHIM

F2

FUEL OVERFLOW TATONE ENGINE MOUNT

1/4" PLY.

GOLDBERG G16N NOSEGEAR ASSEMBLY

WING IS HELD IN PLACE BY FOUR #64 RUBBER BANDS ON EACH SIDE

PART OF RUDDER (R1) EXTENDS THROUGH TOP AND INTO SLOT IN STABILIZER (S1)

R1 R2

1/4" SHEET BALSA

.15-.25 ENGINE (OS .20 SHOWN)

1/4" SHEET BALSA

BALANCE POINT WINDOW OUTLINE

1/8" BALSA TOP

F1 F2

RUDDER MOVEMENT: 3/8" RIGHT 3/8" LEFT

R3

4°DOWN

FUEL

SERVOS

3/8"x 3/4" PINE SERVO RAILS

LEFT SIDE OMITTED FOR CLARITY

GOLD-N-RODS

S3 R1 S1 S2

3/8" UP 3/8" DOWN

1/32" PLYWOOD DOUBLERS

F4

F6

F3

1/8" SHEET BALSA SIDES

1/8"x 1/2"

1/8"x 1/2"

SCRAP 1/4" BALSA

1" TRIANGLE STOCK

F5

1/8"x 1/2"

QUICK LINK

R4

1/16" PLYWOOD

1/16" PLYWOOD

1/8" PLY.

1/8" BALSA BOTTOM

LANDING GEAR PATTERN

1/16" PLY. DOUBLER

L.G. RETAINER CLIPS—MAKE FROM TIN CAN AND SCREWS

5/32" WIRE NOSEGEAR

MAKE TWO FROM 1/8" OR 5/32" PIANO WIRE

2" WHEEL

2 1/2" WHEELS

BD-4

JIM BEDE'S

A SEMI-SCALE RC BASIC TRAINER

FOR 1-3 CHANNELS AND .15-25 ENGINES

WINGSPAN-51" LENGTH-41 3/4"

DESIGNED AND DRAWN BY FRED REESE

0 1 2 3 4 5 6 7 8 9 10