1/32 PLY

1/16 BALSA TOP SHEET

3/16 DOWEL

TIP DETAIL

3/16 RIB

1/4 X 3/8

W1B

1/16 PLY BRACES

1/16 SHEAR WEBS 10 REQD.

1/8 X 3/8 SPARS

1/32 PLY BRACES

W1A

W1

W2

W3

W4

W5

W6

W7

W8

W9

1/4 BALSA

1/16 SHEET TOP & BOTTOM

TOP SHEETING NOT SHOWN FOR CLARITY

1/16 PLY GUSSETS 8 REQD.

3/16 X 3/4 TRAILING EDGE

1/4 WASHOUT AT EACH TIP

SECTION A-A
DIRECT DRIVE MOTOR
CANOPY

MOTOR
MOTOR MOUNTING SCREW
3/8 TRIANGLE
1/16 PLY
3/32 SIDE
FILLER
1/16 PLY

1/16 PLY MAIN DIHEDRAL BRACE 2 REQD.

1/32 PLY POLY DIHEDRAL BRACE 4 REQD.

4 1/2" 1" DIHEDRAL DETAIL 1" (2.5") 4 1/2" (13")

1/8 X 1/4

1/8 X 1/4

1/8 X 1

1/8 SQ.

1/8 X 1/2

1/8 X 1/2

1/8 SQ

1/8 GUSSETS

1/8 X 1/4

1/8 X 1/4 SPRUCE

REDUCED DRIVE

4°

F2

1/8 LITE PLY

F1

F3

1/8 LITE PLY

1/8 X 1/4

1/8 SQ

1/8 SQ

1/4 X 1/8

1/8 X 1/2

1/8 X 1/2

1/8 X 1/2

1/8 X 1/2

1/16 PLY MOTOR MOUNT PLATES

A

FILLER

1/32 PLY PLATE

AIR FLOW

CANOPY

1/8 X 1/4

1/8 LITE PLY

6-32 BLIND NUT

6-32 SCREW

F2

FILLER

1/8 x 1/8 SPRUCE

1/16 PLY

6-32 SCREW

1/32 PLY PLATE

F1

1/8 X 1/2

1/8 PLY PLATE

6-32 BLIND NUT

B

1/16 BALSA CROSS GRAIN

3/8 TRIANGLE

RECEIVER BATTERY AREA

THROTTLE CONTROL AREA

MOTOR BATTERY AREA

RECEIVER AREA

LACE & GLUE

F3

SIDE SHEETING NOT SHOWN FOR CLARITY

3/16 SQ

4°

1/4 BALSA FILLER

A

DIRECT DRIVE

1/16 PLYWOOD

1/16 BALSA CROSS GRAIN

AIR FLOW

3/32 BALSA SIDES

B

DENOTES AREA COVERED BY 3/32 SIDE SHEETING

CONTROL HORN

CLEVIS

1/8 SKID

ANTENNA TUBE

1 1/2" SPINNER

FILLER

SECTION B-B

DAVEY SYSTEMS CORPORATION
1 WOOD LANE, MALVERN PA 19355
215-644-6772
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DRAWN BY TED DAVEY

LUCIFER by DSC

A TWO METER HIGH PERFORMANCE ELECTRIC SAILPLANE FOR .05 DIRECT OR REDUCED DRIVE, OR SEE THE INSTRUCTIONS FOR MOUNTING AN .049 ENGINE !

H.E