

IMPORTANT! THERE ARE NO NOTCHES IN FORMERS F9A AND F9B. STRINGERS GO ON TOP OF THESE. TOP AND BOTTOM STRINGERS GO ALL THE WAY TO TAIL, EACH ONE A LITTLE SHORTER THAN THE LAST SO THAT THEY FOLLOW THE CONTOUR OF THE REAR OF THE FUSELAGE.

PROTOTYPE COVERED IN LITESPAN AND TRIM PAINTED WITH ACRYLICS.

IMPORTANT! SCORE AND BREAK FUSELAGE SIDES AT F2 LOCATION. GLUE BREAK WITH THIN CA AFTER FUSELAGE ASSEMBLY.

SANDWICH CARBON ROD WITH 2 H1

NOTE: RUN NO LARGER PROP THAN 8 IN DIAMETER. PROTOTYPE FLIES ON GWS 5X7 2 OR 3 BLADED PROP CUT DOWN TO 8 IN IF A LARGER PROP IS DESIRED YOU MUST LENGTHEN LANDING GEAR.

C1 GLUED TO COWL

PLASTIC COWL

PLASTIC SPINNER

GWS DX-A MOTOR AND GEARBOX

SANDWICH NOSEGEAR WITH 2 NGM

COWL VENTS. MAKE 2 FROM GLOSSY CARD STOCK

BS THIS AREA TRIM TO FIT BETWEEN F1 AND F2

1/16 CARBON ROD CABIN REINFORCEMENT

PLASTIC WINDSHIELD

COWL MADE REMOVEABLE BY PINNING WITH SMALL DOWELS

TS2 THIS AREA

STRUT MOUNT FROM 1/16 GLUE BETWEEN FUSELAGE AND FIRST STRINGER

7 CELL 300 NIMH

LOWER SPINE

MAKE OLEO FROM ROLLED PAPER AND SCRAP

1/4 WHEEL TURNED DOWN TO 1/8

MOTOR MOUNTS FROM 1/4 SQ Balsa. NOTCHES IN MM GIVE CORRECT DOWNTHRUST

DU-BRO 1/4 SLOWFLYER WHEELS

GLUE WPL TO MAINGEAR PANT TO KEEP IT FROM ROTATING. RETAIN PANT WITH SMALL PIECE OF SHRINK TUBE

CUT WHEELPANT IN HALF AND GLUE OVER NOSEGEAR

MAKE SPACERS FROM SMALL PIECES OF TUBING

CARVE AND SAND WHEELPANTS TO THIS SHAPE

4 TS2 PER SIDE OMITTED FOR CLAIRITY

BATTERY FLOOR FROM 1/16 Balsa

1/8 SQ WING SADDLE REINFORCEMENT

REC'D AREA

PUSHRODS FROM .032 WIRE AND 1/16 ALUMINUM TUBE ADJUST TO LENGTH AND GLUE WITH THIN CA

HITEC HS55 OR SIMILAR

ALL STRINGERS 1/16 X 1/8 OMITTED FOR CLAIRITY

RUDDER PUSHROD PASSES BETWEEN STRINGERS

GLUE HARDWOOD MOTOR MOUNT TO TOP OF 1/4 SQ Balsa. NO RIGHT THRUST FOUND TO BE NECESSARY

1/16 STRUT MOUNT

MAKE WING MOUNT FROM 1/8 Balsa. GLUE UNDER WING SADDLE REINFORCEMENT

DRILL HOLES FOR ROUND TOOTHPICK WING MOUNT DOWELS THROUGH FUSELAGE H1 AND WING

1/16 SCRAP SHEET

1/16 SHEET. ALTERNATE GRAIN DIRECTION

WING STRUT

GLUE SMALL PIECE OF .010 PLASTIC INTO ENDS OF STRUT. THESE SLIDE INTO SLOTS CUT IN FUSE AND WING STRUT MOUNTS

USE W1 ANGLE GAUGE THIS SIDE TO SET ANGLE BEFORE GLUING

1/8 SQ

FILL TRAILING EDGE IN THIS AREA WITH SCRAP Balsa TO REINFORCE FOR WING BOLT

TOP TRAILING EDGE SHEETING NOT SHOWN

1/32 X 1/2 Balsa SHEET TRAILING EDGES TOP AND BOTTOM

3/16 SQ Balsa LEADING EDGE

FRONT OF WING TIP IS CENTERED ON LEADING EDGE. NOT FLUSH WITH BOTTOM

LEFT WING PANEL

1/16 X 3/16 STRINGERS

CUT W1 RIB AFTER WING PANEL ASSEMBLY FOR 1/32 PLY WING JOINER

3/16 X 3/32 Balsa SPARS TOP AND BOTTOM

3/32 Balsa SHEAR WEBS

1/32 PLY WING JOINER

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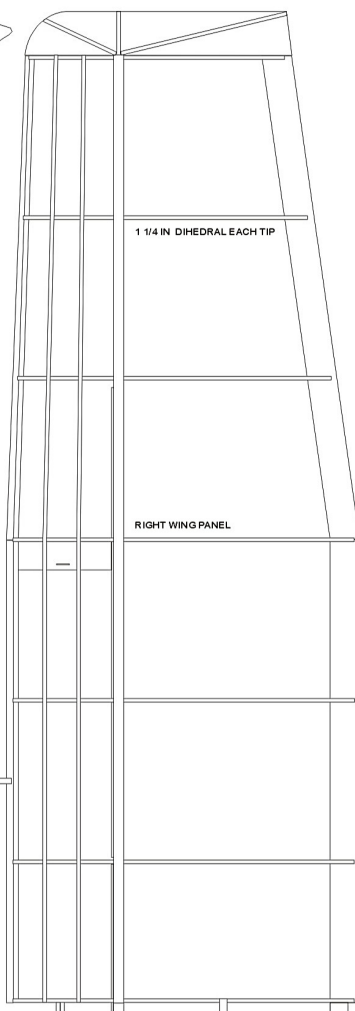
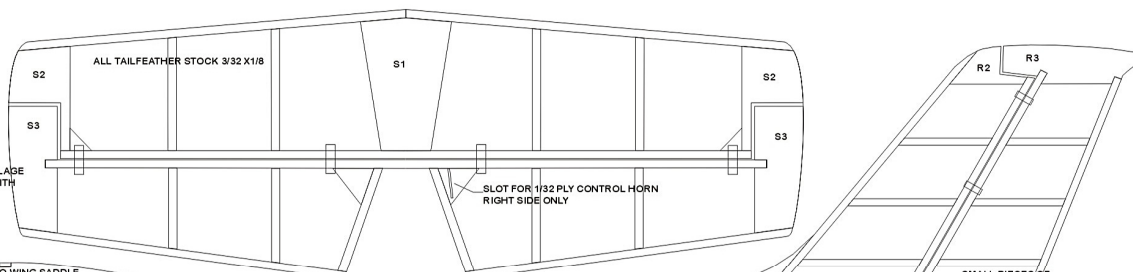
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Cessna 182

DESIGNED AND DRAWN BY: DAVE BLUM

SPAN: 37.5 IN

WING AREA: 200 SQ IN

WEIGHT: APROX 8 OZ