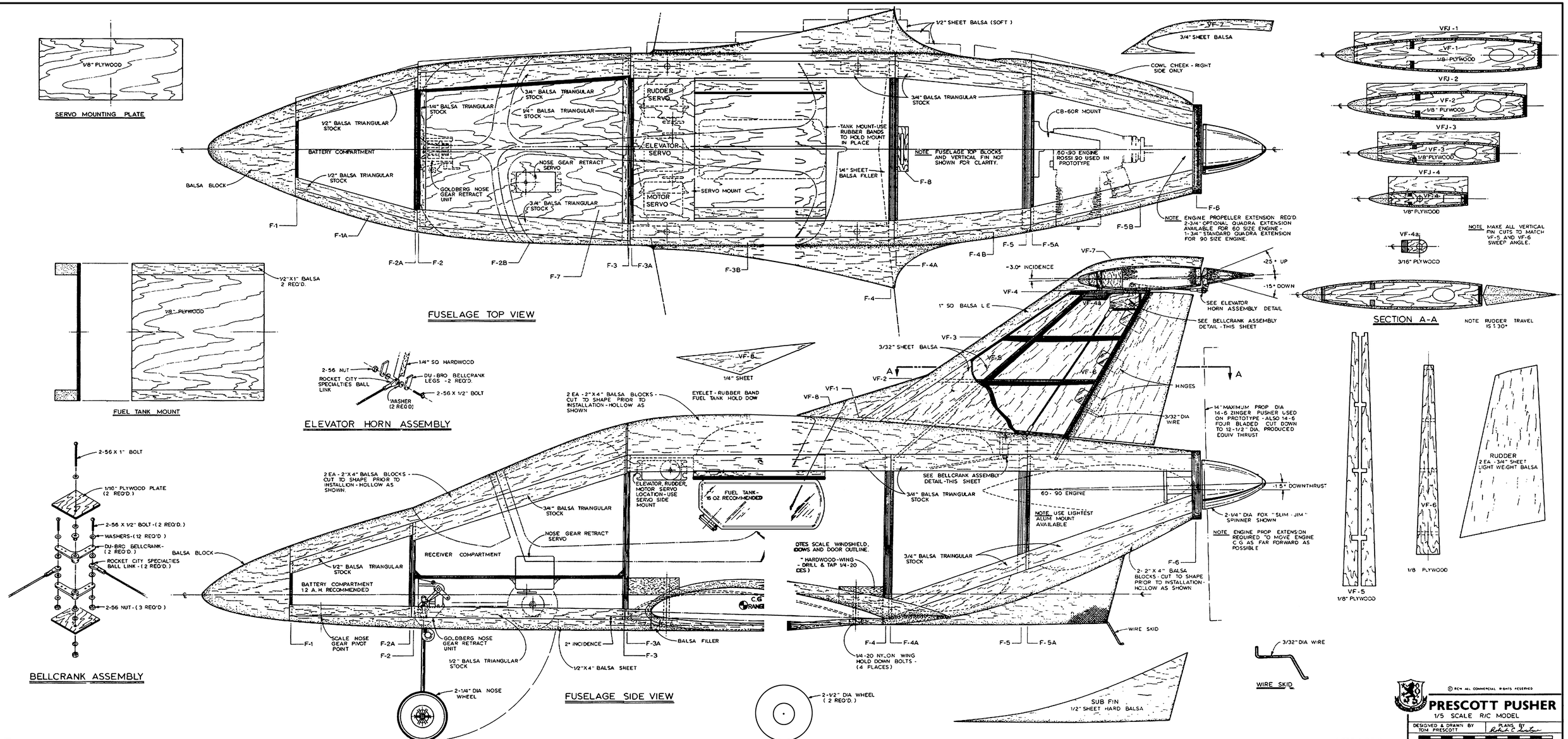
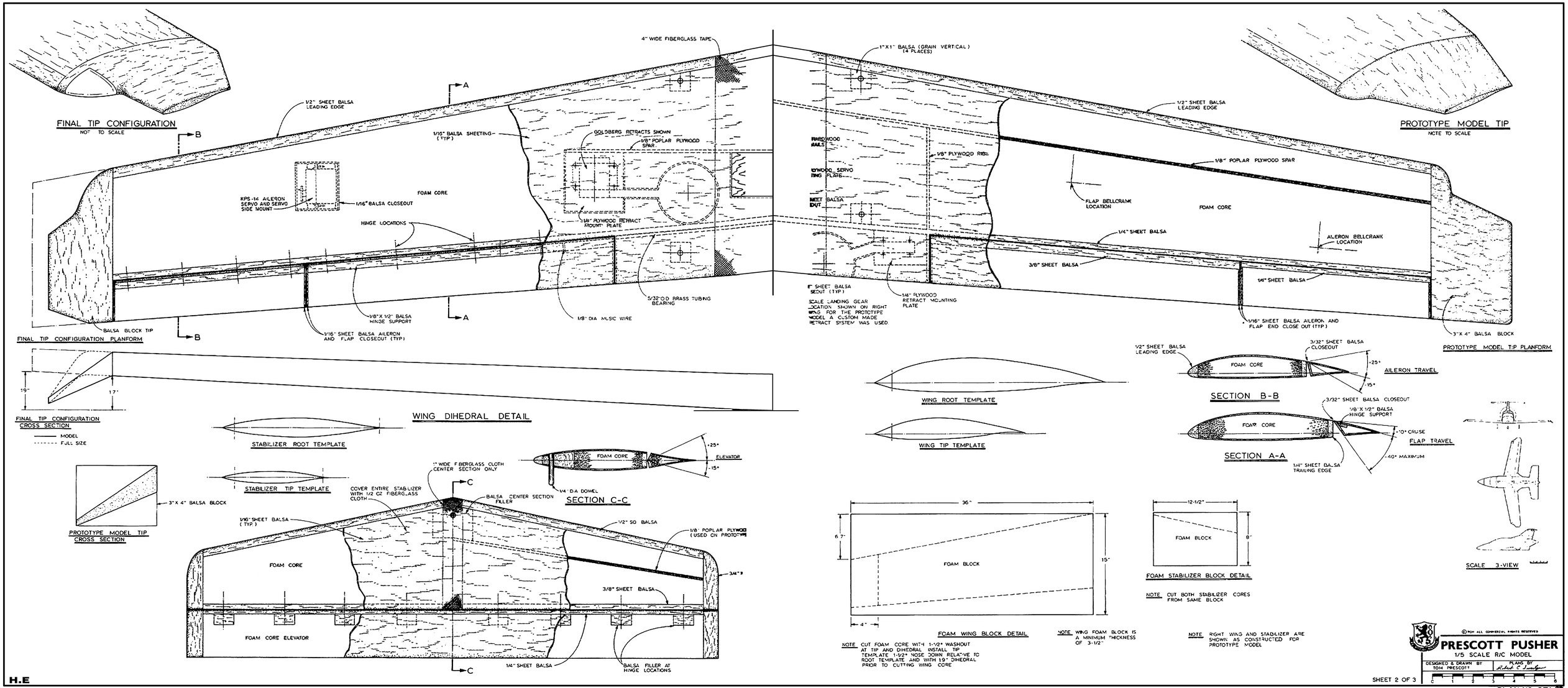
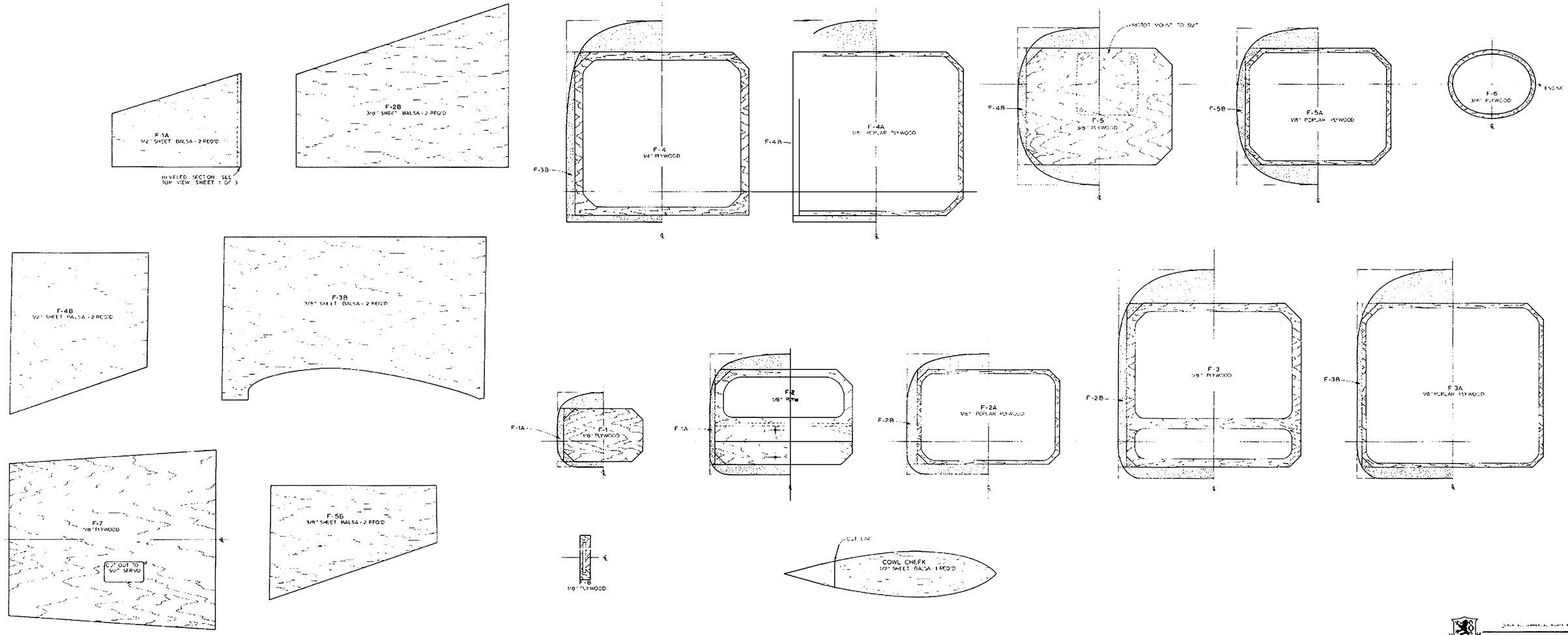


© RCM ALL COMMERCIAL RIGHTS RESERVED


FINAL TIP CONFIGURATION
NOT TO SCALE
PROTOTYPE MODEL TIP
NOTE TO SCALE
1/2" SHEET BALSA LEADING EDGE
1/16" BALSA SHEETING (TYP)
GOLDBERG RETRACTS SHOWN
1/8" POPLAR PLYWOOD SPAR
4" WIDE FIBERGLASS TAPE
1"X1" BALSA (GRAIN VERTICAL) (4 PLACES)
1/8" PLYWOOD RIBS
1/8" POPLAR PLYWOOD SPAR
FLAP BELLCRANK LOCATION
FOAM CORE
KPS-14 AILERON SERVO AND SERVO SIDE MOUNT
1/16" BALSA CLOSEOUT
HINGE LOCATIONS
1/4" PLYWOOD RETRACT MOUNT PLATE
1/4" SHEET BALSA
ALERON BELLCRANK LOCATION
3/8" SHEET BALSA
1/4" SHEET BALSA
5/32" OD BRASS TUBING BEARING
1/8" DIA MUSIC WIRE
1/8" X 1/2" BALSA HINGE SUPPORT
1/16" SHEET BALSA AILERON AND FLAP CLOSEOUT (TYP)
1/16" SHEET BALSA AILERON AND FLAP END CLOSE OUT (TYP)
3"X 4" BALSA BLOCK
BALSA BLOCK TIP
FINAL TIP CONFIGURATION PLANFORM
PROTOTYPE MODEL TIP PLANFORM
1/4" PLYWOOD RETRACT MOUNTING PLATE
SCALE LANDING GEAR LOCATION SHOWN ON RIGHT WING FOR THE PROTOTYPE MODEL A CUSTOM MADE RETRACT SYSTEM WAS USED.
1/2" SHEET BALSA LEADING EDGE
3/32" SHEET BALSA CLOSEOUT
FOAM CORE
+25°
-15°
AILERON TRAVEL
SECTION B-B
3/32" SHEET BALSA CLOSEOUT
1/8" X 1/2" BALSA HINGE SUPPORT
+0° CRUISE
-40° MAXIMUM
FLAP TRAVEL
SECTION A-A
1/4" SHEET BALSA TRAILING EDGE
WING ROOT TEMPLATE
WING TIP TEMPLATE
WING DIHEDRAL DETAIL
.9"
1.7"
FINAL TIP CONFIGURATION CROSS SECTION
MODEL
FULL SIZE
STABILIZER ROOT TEMPLATE
STABILIZER TIP TEMPLATE
3"X 4" BALSA BLOCK
PROTOTYPE MODEL TIP CROSS SECTION
1" WIDE FIBERGLASS CLOTH CENTER SECTION ONLY
COVER ENTIRE STABILIZER WITH 1/2 OZ FIBERGLASS CLOTH
BALSA CENTER SECTION FILLER
1/4" DIA DOWEL
SECTION C-C
1/16" SHEET BALSA (TYP)
1/2" SQ BALSA
1/8" POPLAR PLYWOOD (USED ON PROTOTYPE)
3/8" SHEET BALSA
FOAM CORE ELEVATOR
1/4" SHEET BALSA
BALSA FILLER AT HINGE LOCATIONS
ELEVATOR
+25°
-15°
36"
6.7"
15"
4"
FOAM BLOCK
FOAM WING BLOCK DETAIL
12-1/2"
8"
FOAM STABILIZER BLOCK DETAIL
SCALE 3-VIEW
NOTE CUT FOAM CORE WITH 1-1/2" WASHOUT AT TIP AND DIHEDRAL. INSTALL TIP TEMPLATE 1-1/2" NOSE DOWN RELATIVE TO ROOT TEMPLATE AND WITH 19" DIHEDRAL PRIOR TO CUTTING WING CORE
NOTE WING FOAM BLOCK IS A MINIMUM THICKNESS OF 3-1/2"
NOTE CUT BOTH STABILIZER CORES FROM SAME BLOCK
NOTE RIGHT WING AND STABILIZER ARE SHOWN AS CONSTRUCTED FOR PROTOTYPE MODEL
H.E
© FOR ALL COMMERCIAL RIGHTS RESERVED
PRESCOTT PUSHER
1/5 SCALE R/C MODEL
DESIGNED & DRAWN BY TOM PRESCOTT
PLANS BY
SHEET 2 OF 3
PLAN NO. 971 3



© ALL COPYRIGHT ALL RIGHTS RESERVED

PRESCOTT PUSHER

1/5 SCALE R/C MODEL

DESIGNED & DRAWN BY: KEN PRESCOTT

PLANS BY: Robert A. Lindsay

SHEET 3 OF 3

0 1 2 3 4 5

H.E

PLAN NO. 971 (3)