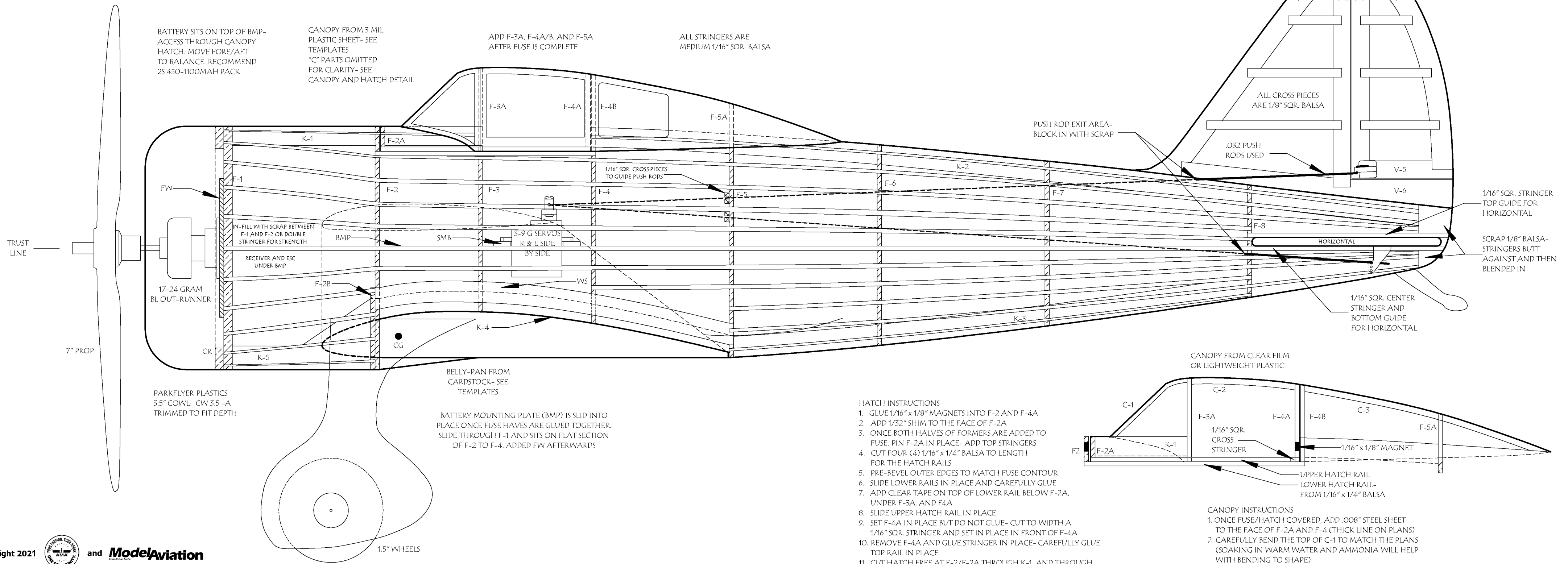


PLANS CAN BE CUT ALONG THE SEGMENTED LINES FOR EASIER CONSTRUCTION



HATCH INSTRUCTIONS

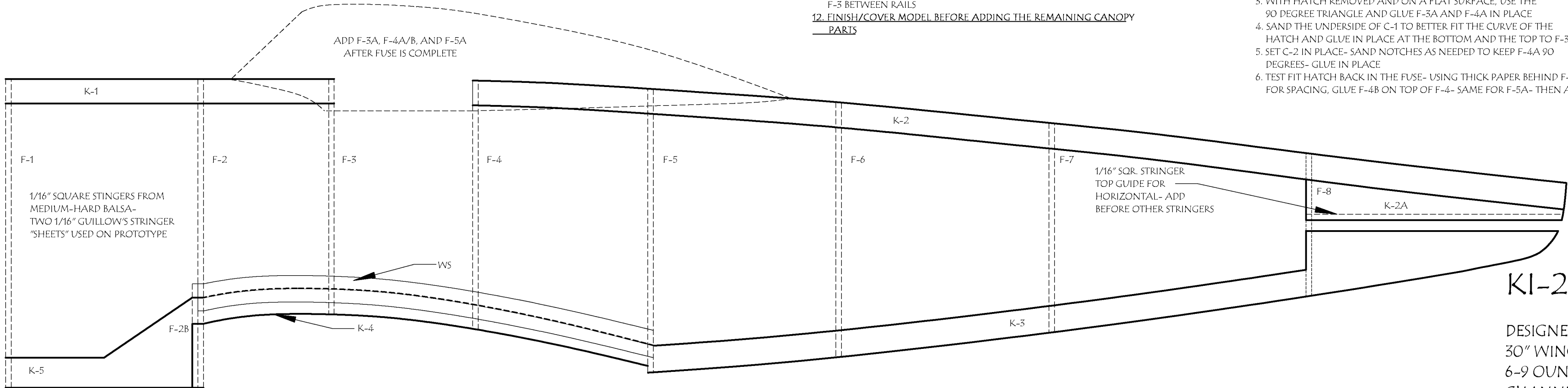
1. GLUE 1/16" x 1/8" MAGNETS INTO F-2 AND F-4A
2. ADD 1/32" SHIM TO THE FACE OF F-2A
3. ONCE BOTH HALVES OF FORMERS ARE ADDED TO FUSE, PIN F-2A IN PLACE- ADD TOP STRINGERS
4. CUT FOUR (4) 1/16" x 1/4" Balsa TO LENGTH FOR THE HATCH RAILS
5. PRE-BEVEL OUTER EDGES TO MATCH FUSE CONTOUR
6. SLIDE LOWER RAILS IN PLACE AND CAREFULLY GLUE
7. ADD CLEAR TAPE ON TOP OF LOWER RAIL BELOW F-2A, UNDER F-3A, AND F4A
8. SLIDE UPPER HATCH RAIL IN PLACE
9. SET F-4A IN PLACE BUT DO NOT GLUE- CUT TO WIDTH A 1/16" SQR. STRINGER AND SET IN PLACE IN FRONT OF F-4A
10. REMOVE F-4A AND GLUE STRINGER IN PLACE- CAREFULLY GLUE TOP RAIL IN PLACE
11. CUT HATCH FREE AT F-2/F-2A THROUGH K-1, AND THROUGH F-3 BETWEEN RAILS
12. FINISH/COVER MODEL BEFORE ADDING THE REMAINING CANOPY PARTS

CANOPY INSTRUCTIONS

1. ONCE FUSE/HATCH COVERED, ADD .008" STEEL SHEET TO THE FACE OF F-2A AND F-4 (THICK LINE ON PLANS)
2. CAREFULLY BEND THE TOP OF C-1 TO MATCH THE PLANS (SOAKING IN WARM WATER AND AMMONIA WILL HELP WITH BENDING TO SHAPE)
3. WITH HATCH REMOVED AND ON A FLAT SURFACE, USE THE 90 DEGREE TRIANGLE AND GLUE F-3A AND F-4A IN PLACE
4. SAND THE UNDERSIDE OF C-1 TO BETTER FIT THE CURVE OF THE HATCH AND GLUE IN PLACE AT THE BOTTOM AND THE TOP TO F-3A
5. SET C-2 IN PLACE- SAND NOTCHES AS NEEDED TO KEEP F-4A 90 DEGREES- GLUE IN PLACE
6. TEST FIT HATCH BACK IN THE FUSE- USING THICK PAPER BEHIND F-4A FOR SPACING, GLUE F-4B ON TOP OF F-4- SAME FOR F-5A- THEN ADD C-3

FUSELAGE CONSTRUCTION

1. PIN ALL THE "K" PARTS ON THE BOARD AND GLUE TOGETHER
2. GLUE FORMERS F-1 TO F-8 IN PLACE (F-2B TO THE FRONT OF F-2)- USE 90 DEGREE TRIANGLE TO ENSURE VERTICAL
3. ADD THE 1/16" SQR. STRINGER FOR THE TOP HORIZONTAL GUIDE, THEN ADD THE CENTER STRINGER- THIS IS ALSO THE BOTTOM MOUNT FOR THE HORIZONTAL
4. GLUE ALL THE REMAINING STRINGERS IN PLACE EXCEPT TOP THE TOP ONE (THIS WILL BE ADDED LATER)- STRINGERS WILL NEED TO BE "CRACKED" AT F-2 TO FIT F-1- DROP EXTRA GLUE IN CRACK ONCE IN PLACE.
5. GLUE "WS" TO F-2 TO F-4- DO NOT GLUE TO F-5 AT THIS TIME
6. GLUE THE TWO "SMBs" TO "BMP" AND MOUNT SERVOS
7. REMOVE FUSE HALF FROM BOARD AND STAND UPRIGHT ON TABLE
8. SLIDE BMP ASSEMBLY IN PLACE- USE TO TO ALIGN FUSE AND ADD THE OTHER HALF OF F-1
9. REMOVE FROM TABLE AND ADD OTHER FORMER HALVES AND STRINGERS (LEAVE BOTTOM 4 STRINGERS OFF BETWEEN F-1 AND F-2 TO ALLOW FOR RADIO INSTALLATION- ONCE THIS IS INSTALLED, ADD THE REMAINING STRINGERS)
10. WET REAR OF WS (IF NEEDED) AND GLUE TO F-5

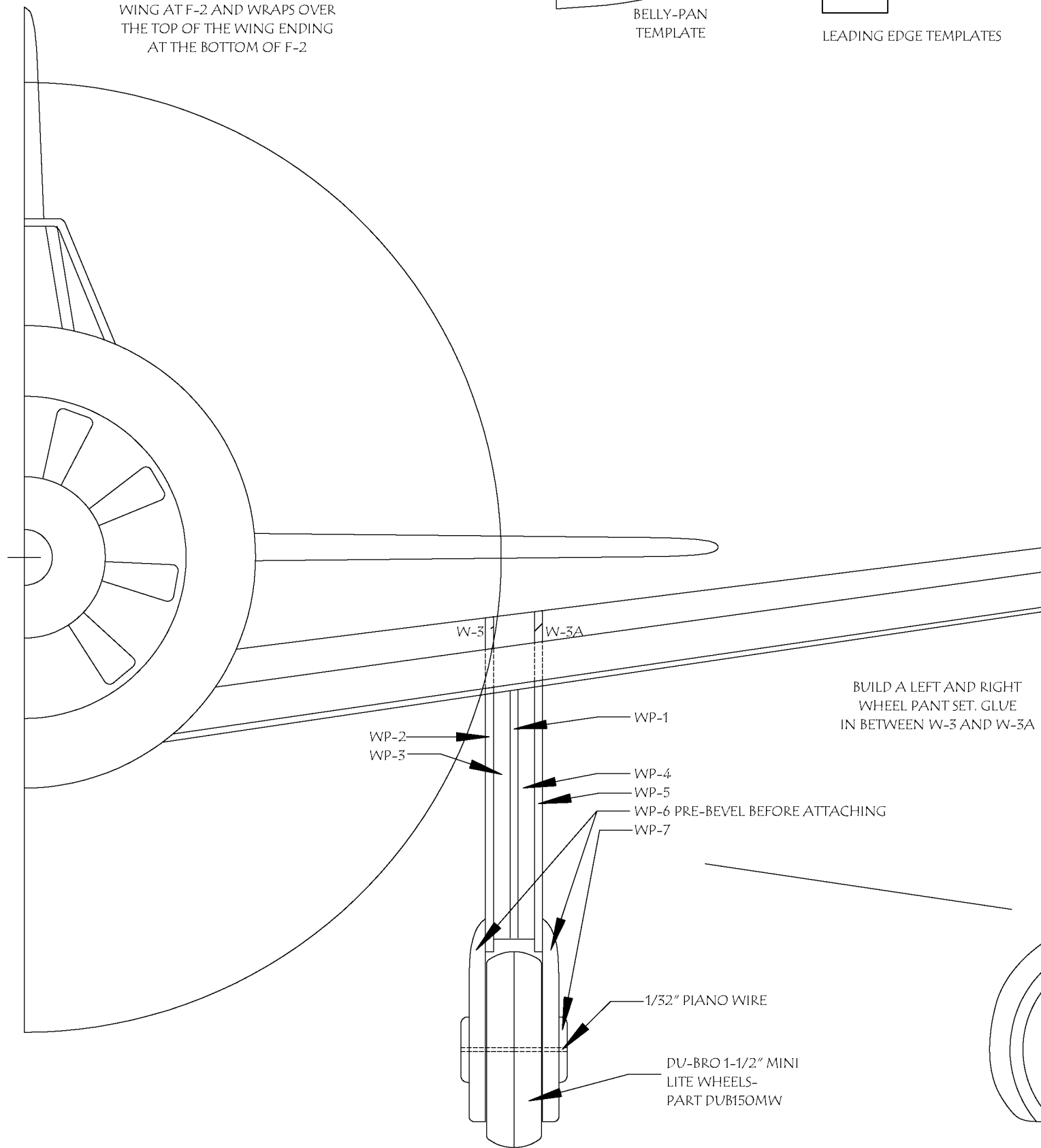
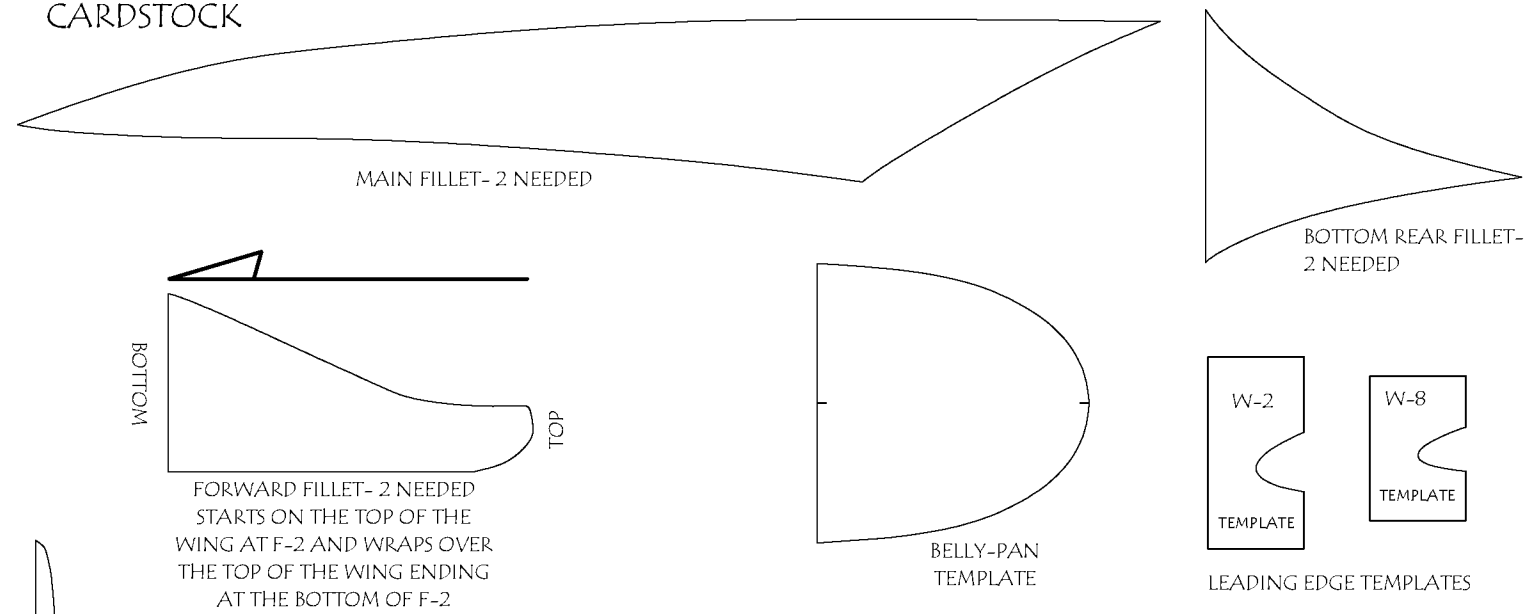


KI-27 NATE

DESIGNED BY DEREK MICKO
30" WINGSPAN
6-9 OUNCES
CHANNELS: 4
MOTOR: 18-24 GRAM
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Sheet 1 of 2 Plan No. 1127

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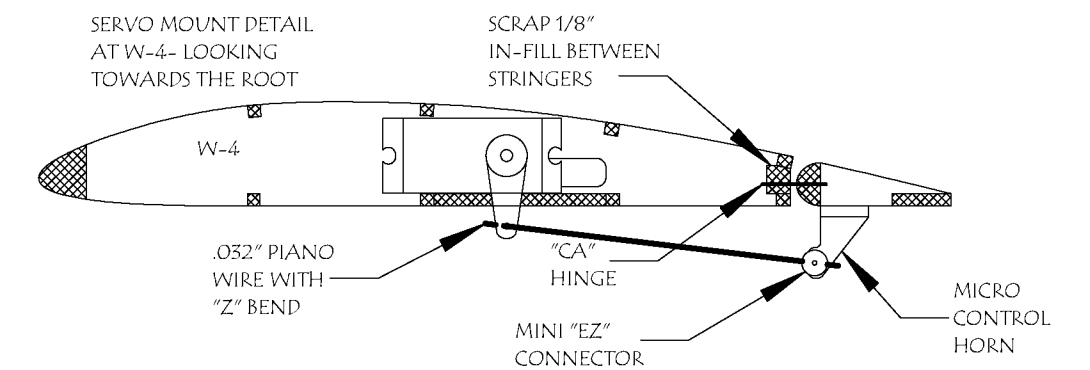
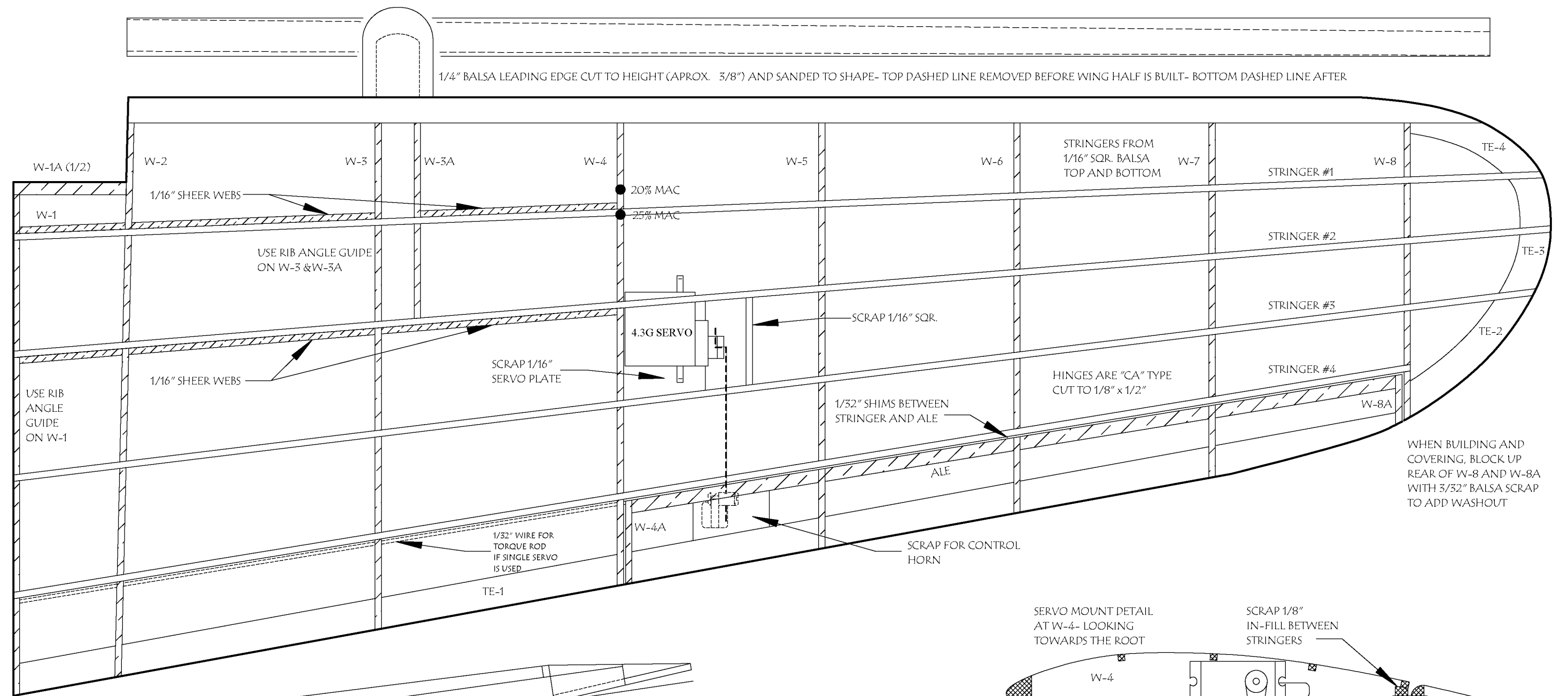
FILLETS MADE FROM
CARDSTOCK



KI-27 NATE

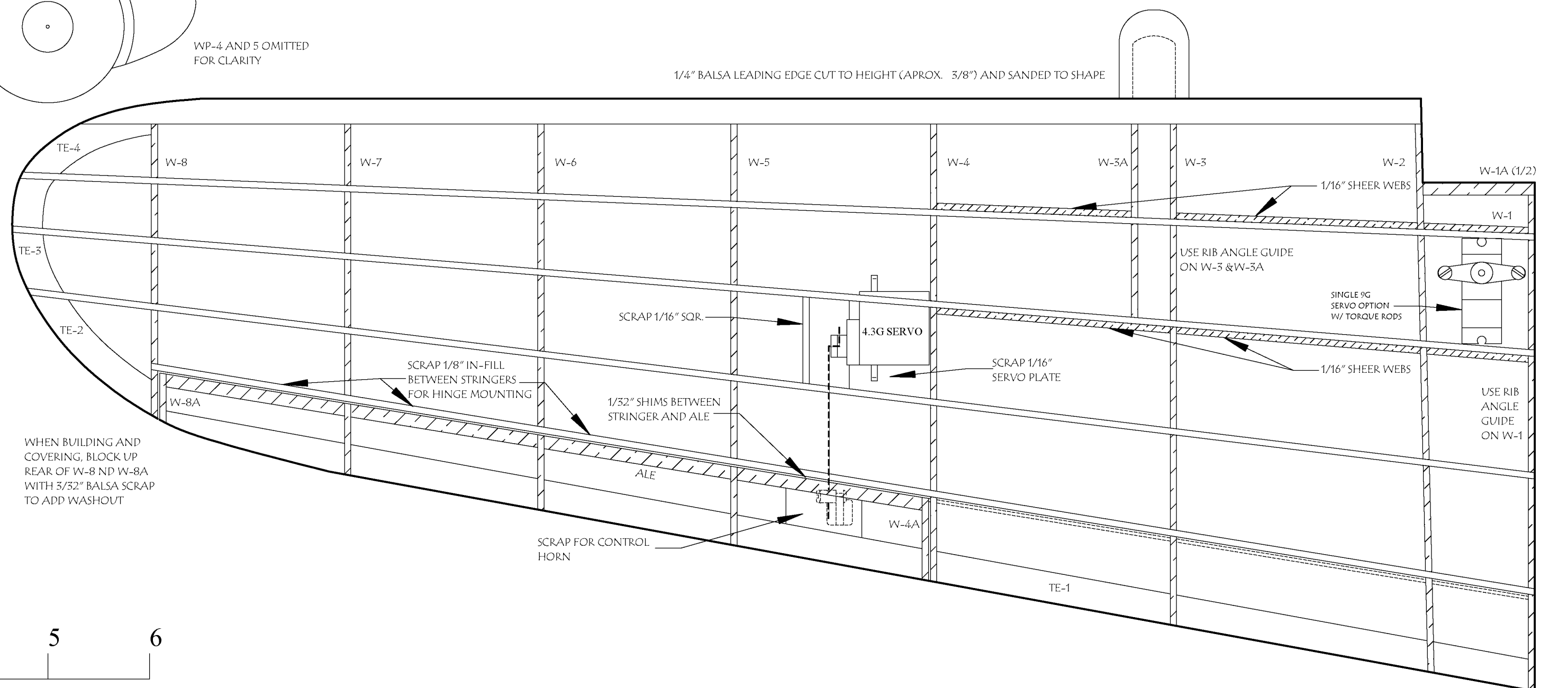
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- WING CONSTRUCTION
1. PIN LEADING EDGE (1/4" x 3/8"), "TE" PARTS, "ALE", AND BOTTOM STRINGERS #1-5 OVER PLANS- SHIM UNDER THE REAR OF W-8 PER THE NOTES
 2. PIN W-2, W-5, AND W-8 IN PLACE- USE TO ALIGN THE STRINGERS AND MARK THE HEIGHT OF THE LEADING EDGE. REMOVE THE LEADING EDGE AND PRE-TRIM ALONG THE TOP MARKED LINES
 3. RE-PIN LEADING EDGE IN PLACE AND ADD W-4, W-6, AND W-7 IN PLACE AND GLUE
 4. USING THE RIB ANGLE GUIDE, GLUE W-1 AND W-3 IN PLACE. USE THE APPLICABLE PANTS /SPAT TO SET THE SPACING FOR W-5A AND GLUE IN PLACE
 5. ADD W-4A AND W-8A IN PLACE AND GLUE, THEN ADD ALL THE TOP STRINGERS
 6. ADD 1/16" SHEER WEBS PER THE PLANS
 7. REMOVE PANEL FROM BOARD, ADD BOTTOM STRINGER #4, AND ROUND LEADING EDGE
 8. REPEAT FOR THE OTHER PANEL
 9. WITH ONE PANEL FLAT ON THE BOARD, PROP UP THE OTHER PANEL 4" AT W-8 AND GLUE
 10. ADD W-1A, CUT THE AILERONS FREE (ROUND LEADING EDGE)
 11. IN-FILL BETWEEN TOP AND BOTTOM #4 STRINGERS WITH SCRAP Balsa- HINGE AILERONS TO THIS AND MOUNT SERVOS- SEE W-4 DETAIL
 12. CUT STRINGER #1 ON THE BOTTOM BETWEEN BETWEEN W-5 AND W-5A FOR THE PANTS/SPATS
 13. ATTACH THE PANTS/SPATS AFTER COVERING

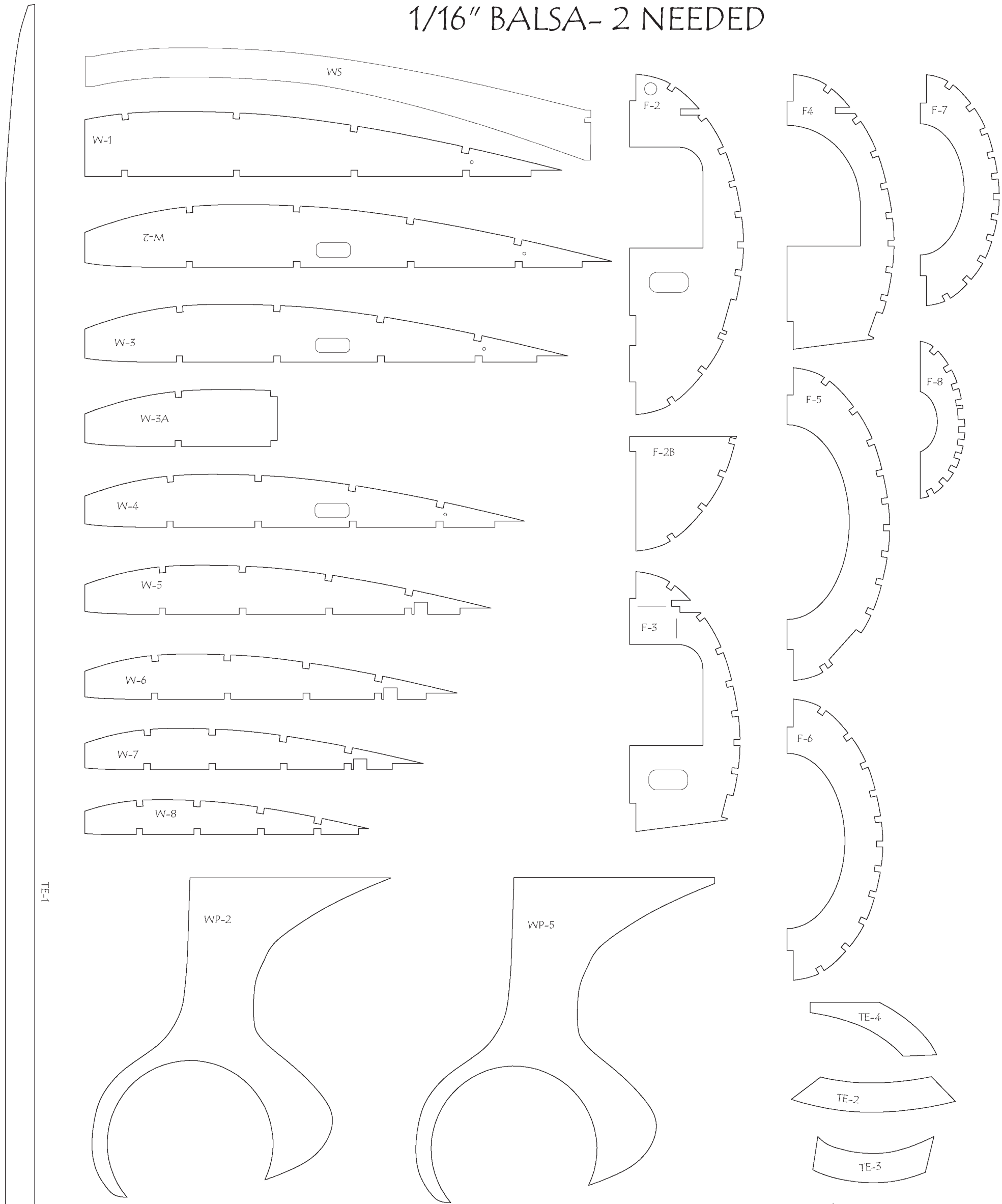


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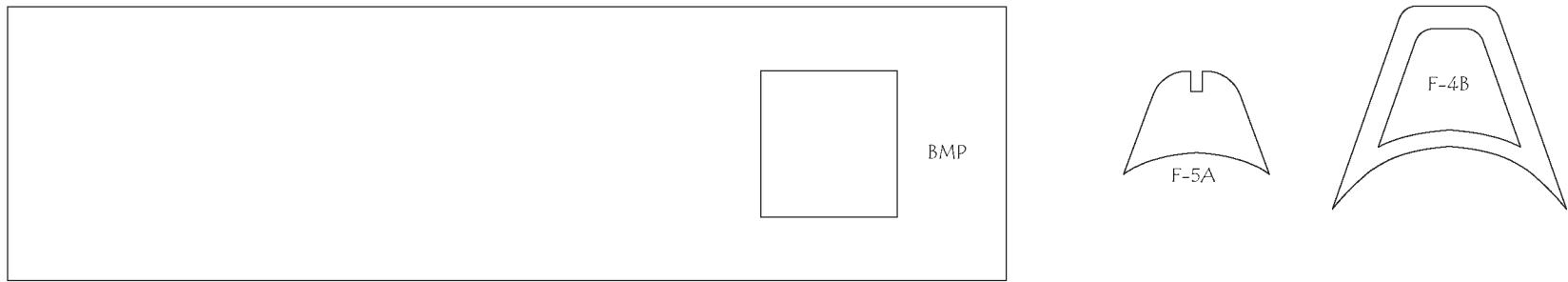


1/16" Balsa- 2 NEEDED

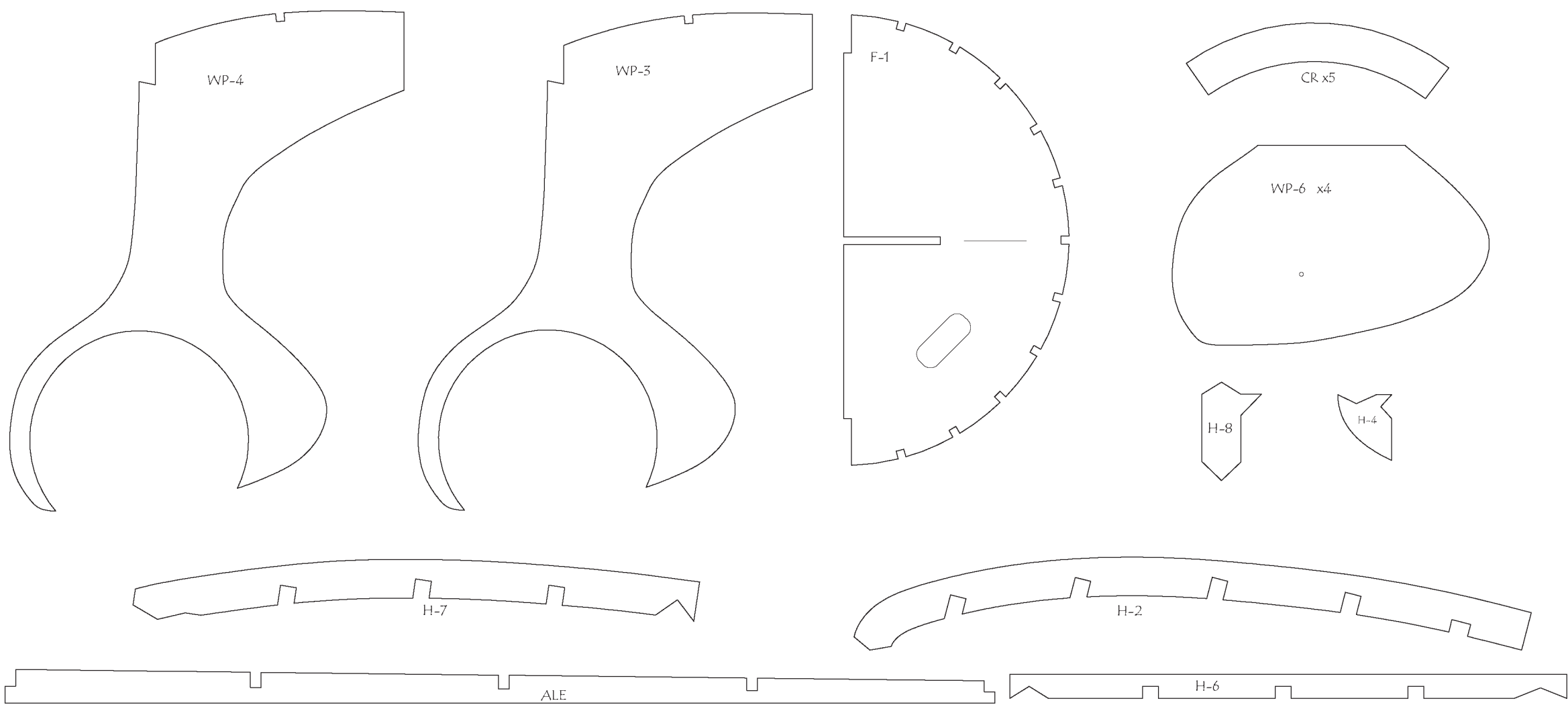


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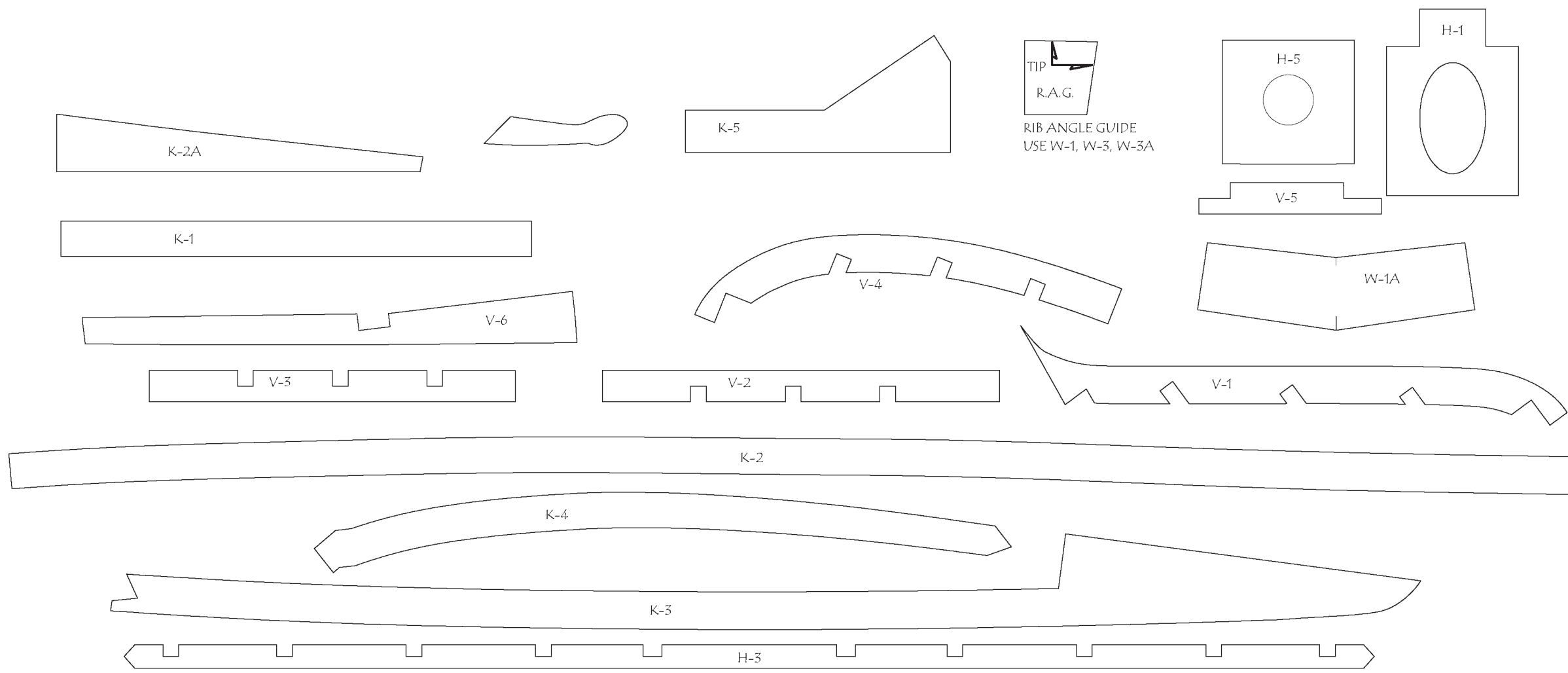
1/16" Balsa- 1 NEEDED



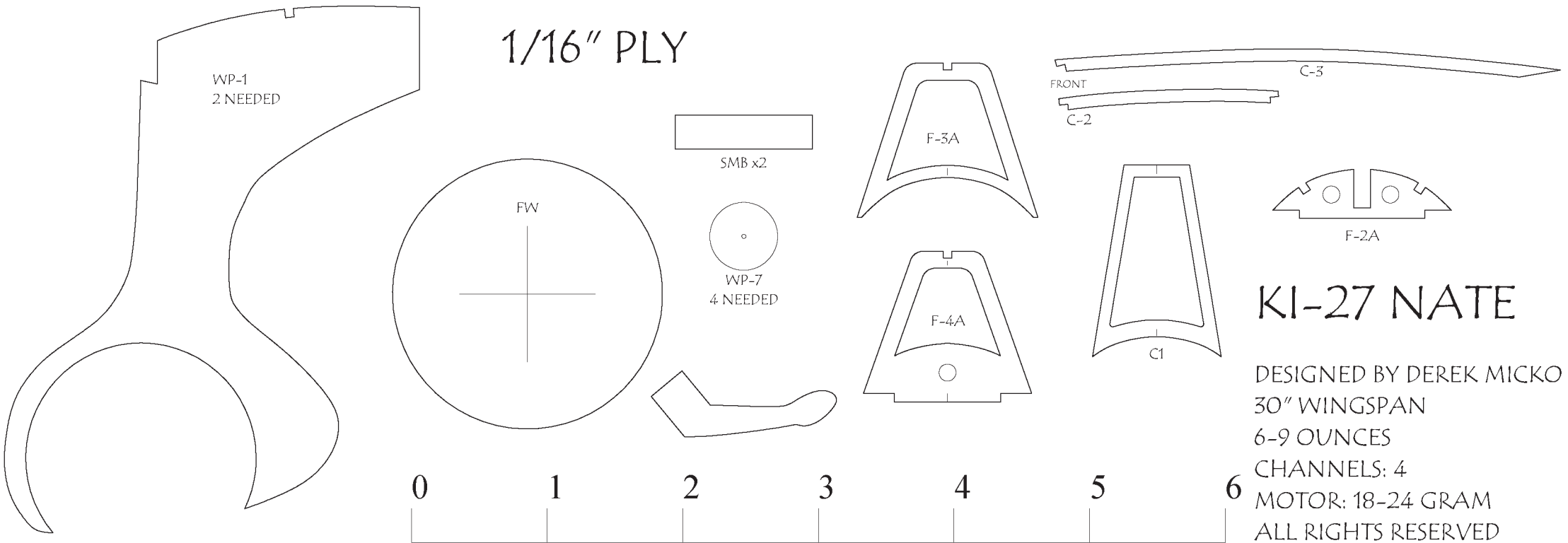
1/8" Balsa- 2 NEEDED UNLESS NOTED



1/8" Balsa- 1 NEEDED



1/16" PLY



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