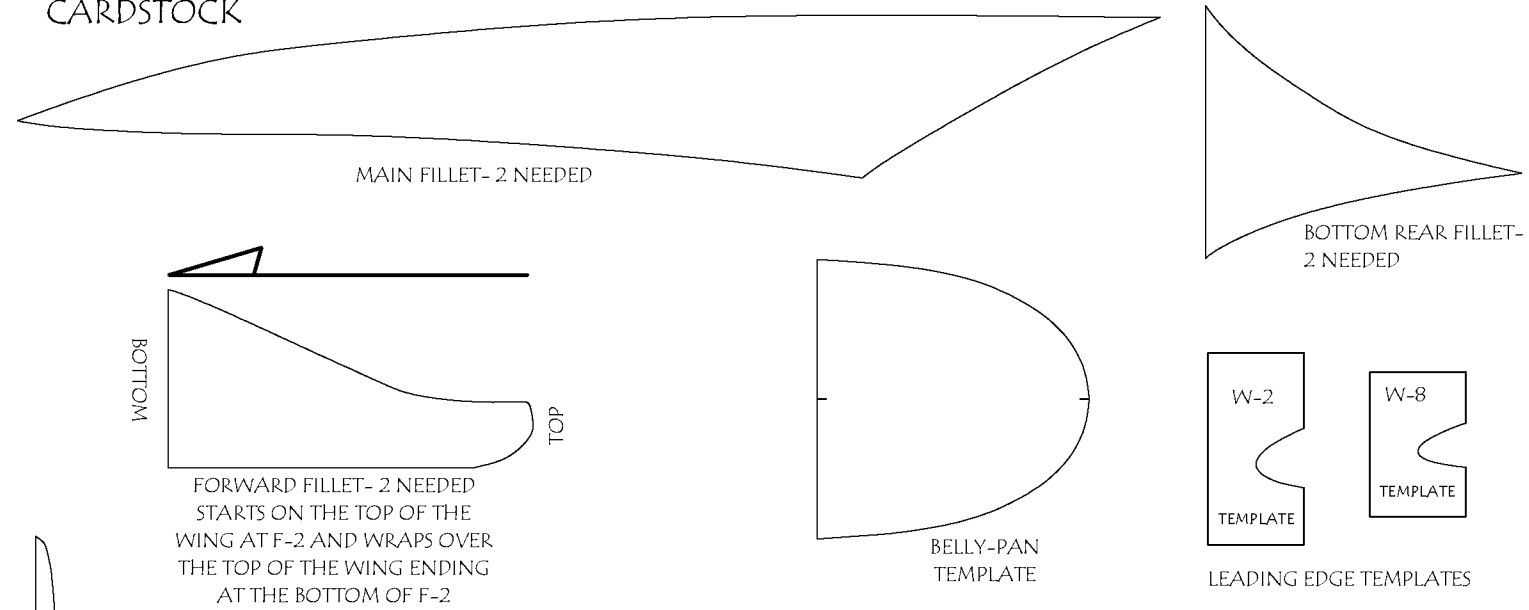


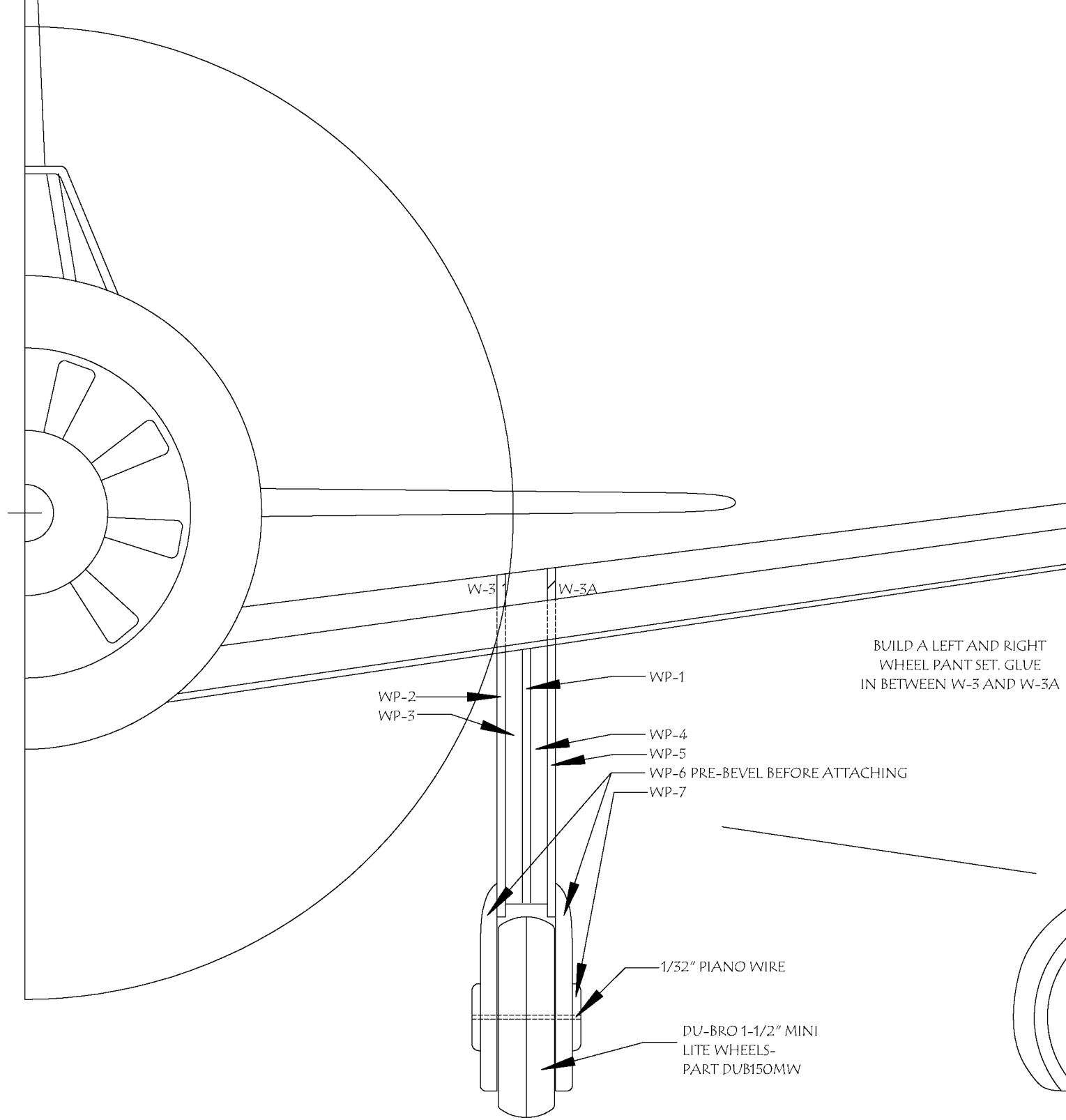
FILLETS MADE FROM
CARDSTOCK



FORWARD FILLET- 2 NEEDED
STARTS ON THE TOP OF THE
WING AT F-2 AND WRAPS OVER
THE TOP OF THE WING ENDING
AT THE BOTTOM OF F-2

BELLY-PAN
TEMPLATE

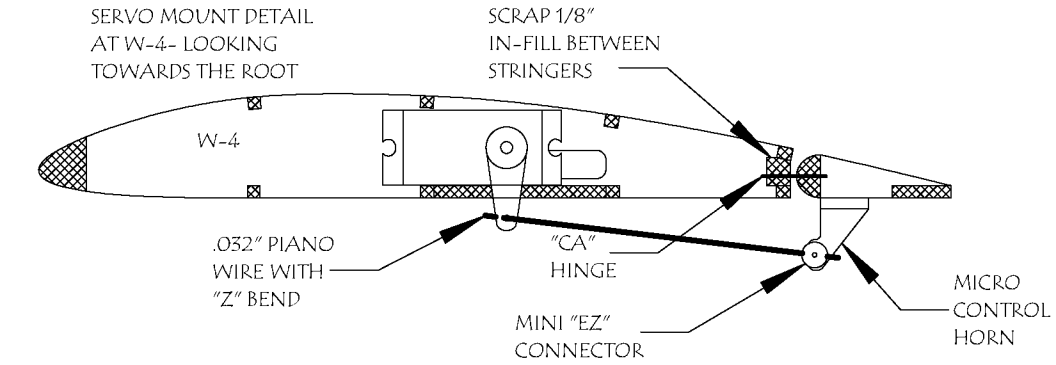
LEADING EDGE TEMPLATES



BUILD A LEFT AND RIGHT
WHEEL PANT SET. GLUE
IN BETWEEN W-5 AND W-5A

WING DIHEDRAL 4° AT W-8 WITH 1 WING SIDE FLAT

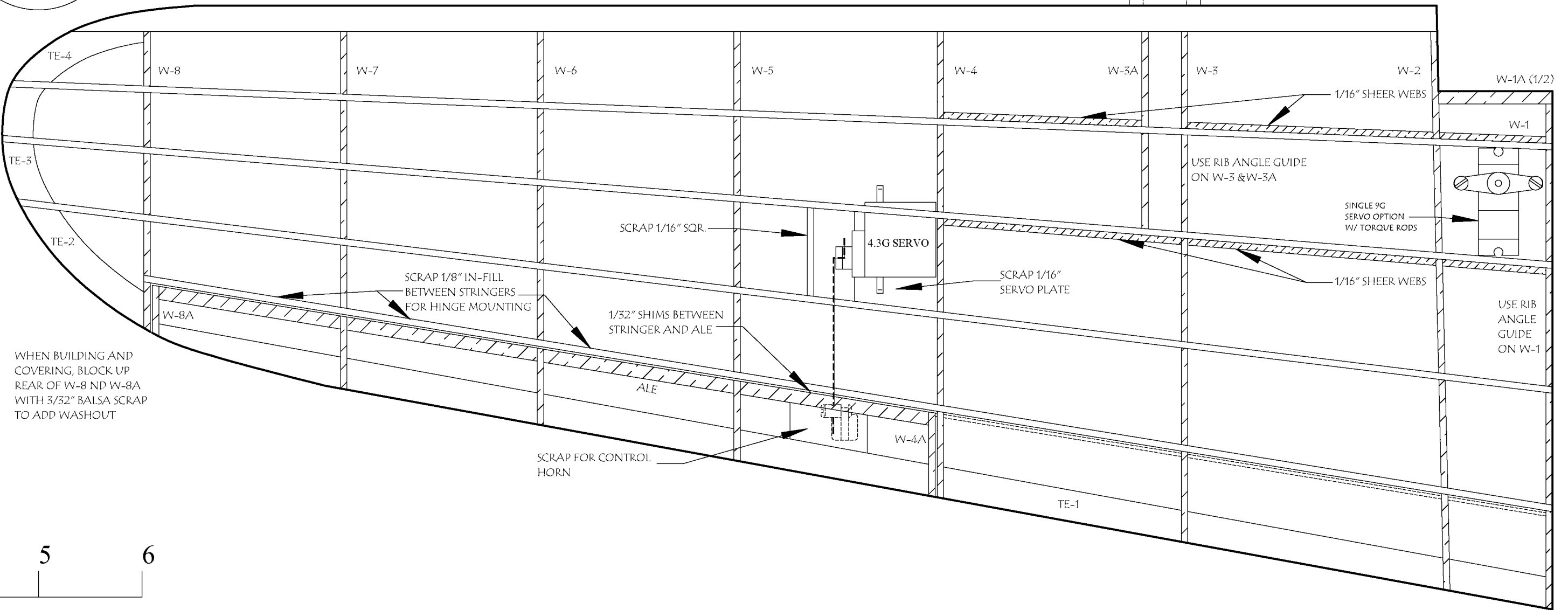
WP-4 AND 5 OMITTED
FOR CLARITY



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- WING CONSTRUCTION
1. PIN LEADING EDGE (1/4" x 5/8"), "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-3A 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 W-5 AND W-5A FOR THE PANTS/SPATS
 13. ATTACH THE PANTS/SPATS AFTER COVERING

WHEN BUILDING AND
COVERING, BLOCK UP
REAR OF W-8 AND W-8A
WITH 3/32" Balsa SCRAP
TO ADD WASHOUT



KI-27 NATE

DESIGNED BY DEREK MICKO
30" WINGSPAN
6-9 OUNCES
CHANNELS: 4
MOTOR: 18-24 GRAM
ALL RIGHTS RESERVED

