

MATL QUANTITY (APPROX)

1/4 X 1/4 SPRUCE	600 LINEAL FT.
1/16 MAH PLY	24 SQ. FT.
1/8 " " "	16 SQ. FT.
1/4 " " "	8 SQ. FT.

TABLE OF ORDINATES (NACA 2412)

STATION IN INCHES	STANDARD RIB CHORD		TIP RIB (-296)	
	UPPER ORDINATE IN INCHES	LOWER ORDINATE IN INCHES	UPPER ORD. IN INCHES	LOWER ORD. IN INCHES
0.00	0.00	0.00		
0.56	0.97	-0.74		
1.12	1.33	-1.02		
2.25	1.86	-1.35		
3.37	2.23	-1.56		
4.50	2.53	-1.69	SAME AS STD	SAME AS STD
6.75	2.97	-1.84		
9.00	3.27	-1.90		
11.25	3.45	-1.90		
13.25	3.55	-1.85		
18.00	3.51	-1.71		
22.50	3.26	-1.50	3.21	-1.42
27.00	2.86	-1.24	2.69	-1.07
31.50	2.33	-.96	2.10	-.68
36.00	1.69	-.67	1.31	-.29
40.50	.94	-.37	.40	+.12
42.75	.51	-.22		
45.00	.06	-.06		

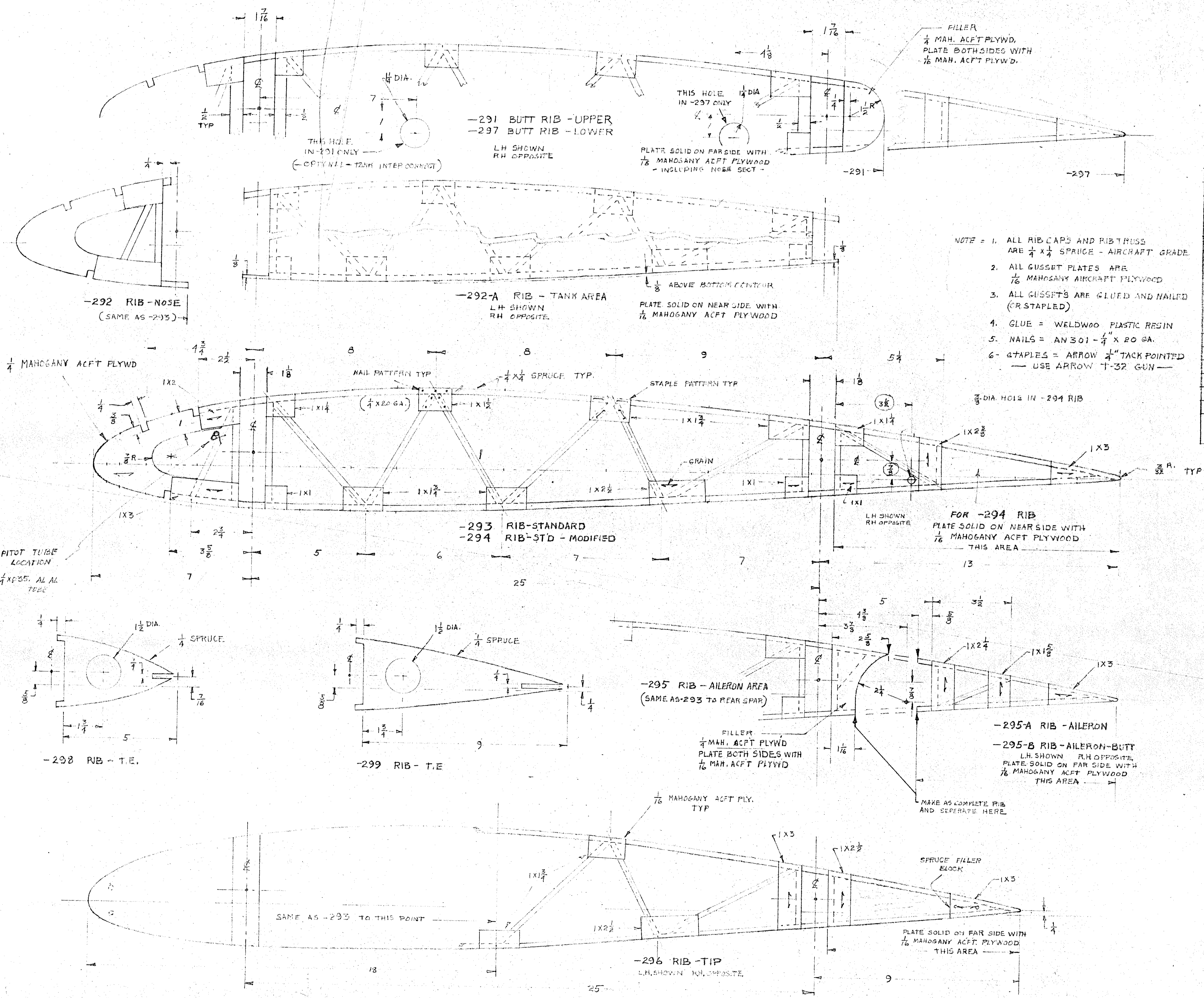
L.E. RADIUS = .71 INCHES  
SLOPE THRU L.E. = 4.50 TO 1.00

SEQUENCE OF RIB CONSTRUCTION  
-293, -294, -292/-295, -295-A, -295-B, -292-A, -297, -291, -296, ON SEPARATE JIG. -298, -299, NO JIG REQD.

RIB TABLE

RIB NO.	NO. REQD.
-291	1 L.H. & 1 R.H.
-292	2
-292-A	2 L.H. & 2 R.H.
-293	16
-294	2 L.H. & 2 R.H.
-295	16
-295-A	16
-295-B	2 L.H. & 2 R.H.
-296	2 L.H. & 2 R.H.
-297	1 L.H. & 1 R.H.
-298	2
-299	2

← = GRAIN DIRECTION



- NOTE = 1. ALL RIB CAPS AND RIB TRUSS ARE 1/4 X 1/4 SPRUCE - AIRCRAFT GRADE.  
2. ALL GUSSET PLATES ARE 1/8 MAHOGANY AIRCRAFT PLYWOOD.  
3. ALL GUSSETS ARE GLUED AND NAILED (R STAPLED).  
4. GLUE = WELDWOOD PLASTIC RESIN.  
5. NAILS = AN 301 - 1/4" X 20 GA.  
6. STAPLES = ARROW 1/4" TACK POINTED - USE ARROW T-32 GUN

MARGUART MA-5  
"Charger"

DRN.	SM	8-66
CHK.	SM	1-70
REV.	ES	6-71
TR	DM	1-72

ED. MARGUART  
PO. BOX 7032  
RIVERSIDE, CAL.  
92509

WING RIBS -

PRINT SER. NO. 0236 SCALE - 1/2" = 1'-0" SHEET 4 OF 6