

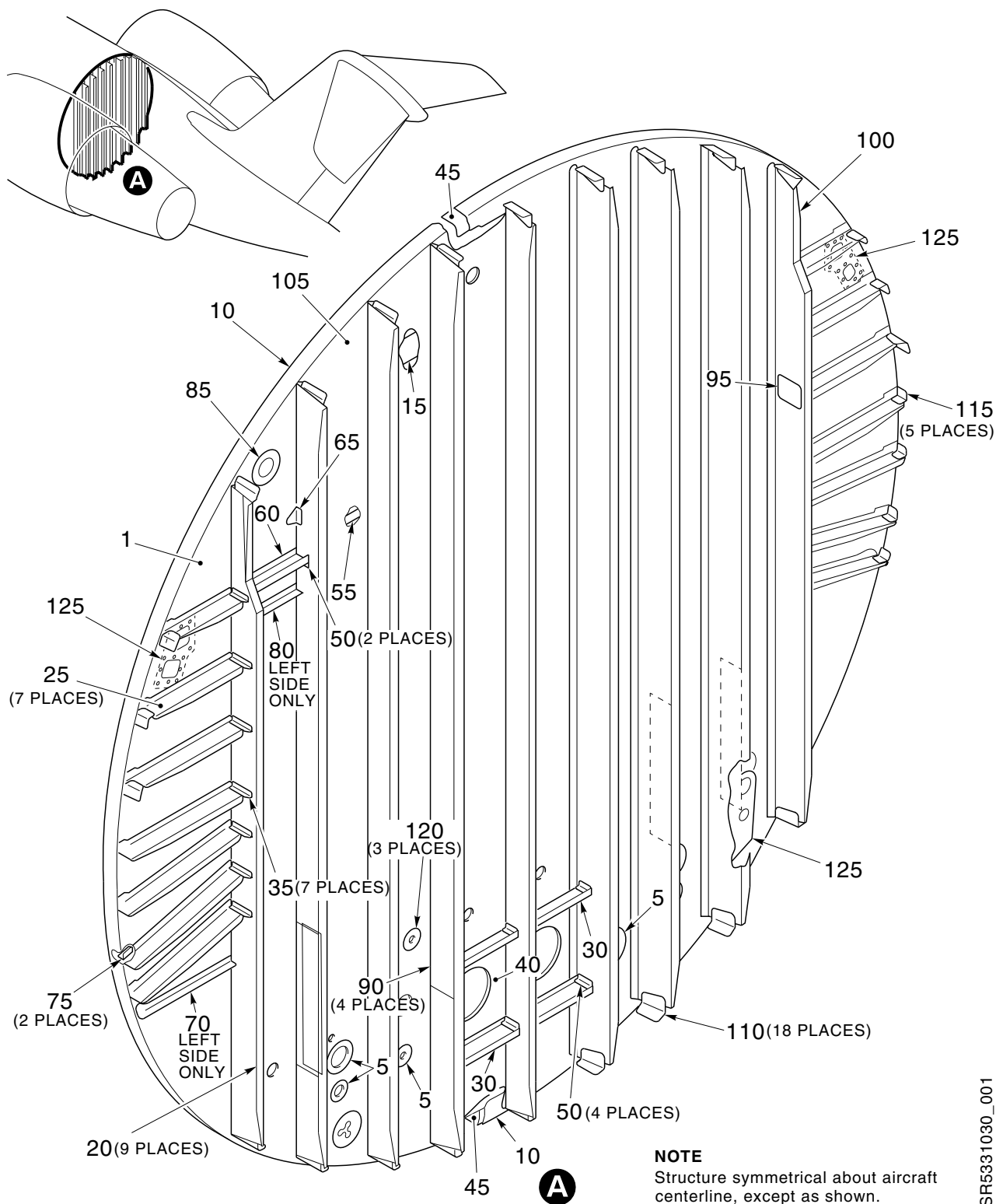
**PRESSURE BULKHEAD, FS621.00 - STRUCTURAL IDENTIFICATION**

1. General

- I Refer to Figure 1 for the structure and the material of the Pressure Bulkhead at FS621.00.

EFFECTIVITY: ALL

**CHALLENGER 650**  
CL-650 STRUCTURAL REPAIR MANUAL



LSR5331030\_001

Pressure Bulkhead, FS 621.00 – Structural Identification  
Figure 1

EFFECTIVITY: ALL

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**CHALLENGER 650****CL-650 STRUCTURAL REPAIR MANUAL**

ITEM	NOMENCLATURE	DRAWING (NHA)	FINISH CODE	THICKNESS IN (MM)	MATERIAL SPECIFICATION	EFFECTIVITY
-	Frame Assy FS621.00	601-36008 (601-35001)	-	-	-	
1	Web (Chem-milled)	601-36008 (601-35001)	A048 A080	0.043 (1.09) 0.063 (1.60)	2024-T3 QQ-A-250/5	
5	Pad (Bonded)	600-36009 (601-35001)	A048	0.040 (1.02)	2024-T3 QQ-A-250/5	
10	Cap	601-36008 (601-35001)	A010	0.100 (2.54)	2024-T42 QQ-A-250/5	
15	Splice	600-36000 (601-35001)	A010	0.063 (1.60)	2024-T3 QQ-A-250/5	
20	Z-Section	601-36008 (601-35001)	A012	-	Extrusion B0531017AA	
25	Z-Section	601-36008 (601-35001)	A010	0.050 (1.60)	2024-T3 QQ-A-250/5	
30	Z-Section	600-36009 (601-35001)	A010	0.063 (1.60)	2024-T42 QQ-A-250/5	
35	Clip	600-36009 (601-35001)	A010	0.040 (1.02)	2024-T3 QQ-A-250/5	
40	Doubler	600-36009 (601-35001)	A010	0.063 (1.60)	2024-T3 QQ-A-250/5	
45	Splice	600-36009 (601-35001)	A010	0.100 (2.54)	2024-T42 QQ-A-250/5	
50	Clip	600-36000 (601-35001)	A010	0.040 (1.02)	2024-T3 QQ-A-250/4	
55	Angle	600-36009 (601-35001)	A012	-	Extrusion M/F S-2040	
60	Channel	600-36009 (601-35001)	A010	0.040 (1.02)	2024-T42 QQ-A-250/5	
65	Bracket	600-36009 (601-35001)	A010	0.040 (1.02)	2024-T3 QQ-A-250/5	
70	Stiffener	600-36009 (601-35001)	A010	0.050 (1.27)	2024-T3 QQ-A-250/5	
75	Clip	601R36008 (601-35001)	A010	0.040 (1.02)	2024-T3 QQ-A-250/5	

**Key to Figure 1**

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**CHALLENGER 650****CL-650 STRUCTURAL REPAIR MANUAL**

ITEM	NOMENCLATURE	DRAWING (NHA)	FINISH CODE	THICKNESS IN (MM)	MATERIAL SPECIFICATION	EFFECTIVITY
80	Stiffener	600-36009 (601-35001)	A010	0.040 (1.02)	2024-T3 QQ-A-250/5	
85	Doubler	601-36008 (601-35001)	A010	0.050 (1.27)	2024-T3 QQ-A-250/5	
90	Doubler	601R36008 (601-35001)	A010	0.063 (1.60)	7075-T62 QQ-A-250/13	
95	Doubler	601-36008 (601-35001)	A010	0.063 (1.60)	2024-T3 QQ-A-250/5	
100	Angle	601-36008 (601-35001)	A010	0.090 (2.29)	2024-T42 QQ-A-250/5	
105	Web	601-36008 600-33286 (601-35001)	A010	0.063 (1.60)	2024-T3 QQ-A-250/5	
110	Clip	600-36009 (601-35001)	A010	0.040 (1.02)	2024-T3 QQ-A-250/5	
115	Clip	600-36009 (601-35001)	A010	0.063 (1.60)	2024-T42 QQ-A-250/5	
120	Doubler	601-36008 (601-35001)	A010	0.063 (1.60)	2024-T3 QQ-A-250/5	
125	Doubler	601-36008 (601-35001)	A048	0.040 (1.02)	2024-T3 QQ-A-250/5	

**Key to Figure 1**

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