

LOWER SKIN PANEL - WING CENTER TANK

CW-207
C-238
GREEN

This segment is the lower skin panel that extends from the skin splice at the midspar to the skin splice at S-15 and from LBL 94 to RBL 6. The fwd skin flange of the midspar lower chord and a portion of the skin flange of SWB #2 are the only stringers that remain on the panel.

The panel is bent down at the center (approx LBL 50) There is a fracture near the forward edge that extends from the inbd end aft of SWB #2 to LBL 16. This fracture produces a section of skin panel that is bent sharply up at the aft edge and down at the fwd edge. There are only a few rivets remaining in the skin panel and those exhibit a shear failure. The skin flange and a portion of the vertical flange of the angle at LBL 57.5 on the bottom of the panel still remains attached. Only a portion of the skin flange of the keel beam attach chord remains attached and the fasteners that remain exhibit tension failures. The fastener hole that is common to the keel beam tension fitting at SWB2 exhibits elongation in fore and aft direction with drag marks on the skin lower surface on the fwd side of the hole.

The top and bottom of the panel are sooted. See the fire and explosion group notes for complete documentation.

Wann Stewart 10/29/96 BOEING
SD GREEN 10/21/96 ALPA
Lou Zeller 11/4/96 FAIT
D. M. [unclear] 11-26-96 TWA
R. S. [unclear] 12-7-96 JAM

