

SPANWISE BEAM #1 - WING CENTER TANK

CW-902
C-897
GREEN

This portion consists of the web, upper chord, and six stiffeners from LBL 58 to LBL 106.00.

The upper shear ties remain attached at LBL 106.00, 91.00 and 83.00. The upper shear tie and upper portion of stiffener is broken off at LBL 66.00 , 76.00 and 98.6. The upper shear tie at LBL 91.14 has both fasteners remaining intact in the shear tie with head failed in tension. There is no obvious direction noted to these fasteners. The upper shear tie at LBL 106 has no fasteners remaining in the inboard hole. The upper shear tie at LBL 83 has the outboard fastener remaining that failed in tension. The lower stiffener and shear tie remained attached at LBL 106, 91.14 and 83.24 but no fasteners remain in the shear ties common to the lower skin panel. The web and upper chord remained intact from LBL 106 to 49.6. The lower edge of the web is fractured at 12" above the lower chord from LBL 106 to 66. The majority of the web remained flat except for the web between LBL 66 and 76 which is curled fwd and one portion of missing web (A hole in the web) at 32" above the lower skin between LBL 91 and 98. The stiffener at LBL 66 is missing the majority of its free flange (fwd side). The stabilization intercostals between LBL 106.2 and 98.6 are broken at multiple locations. The lower stabilization strap is still partially attached but bent at multiple locations and the upper stabilization strap is missing.

This section exhibits fire damage and is documented in the Fire and Explosion Group notes.

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