

SPANWISE BEAM # 3

CW-601
C-868
GREEN

This section of the span-wise-beam #3 (SWB3) extends from the right side-of-body rib to RBL 78.00.

Three stiffeners remain attached to the web with rivets and the entire section suffered heavy fire damage. The stiffeners separated from the upper shear ties, and the shear ties fractured at a 45 degree angle near RBL 95. The lower shear ties are missing and the stiffeners fractured above the lower shear ties. The web and the flange of the stiffeners exhibited heavy heat damage with evidence of broom-straw effect on the lower surface. This section is crushed and badly mangled, and the stiffeners are bent slightly forward and to the right. The web structure is bowed forward from the bottom. There are numerous tears and punctures in the web which are bent in both forward and aft directions.

A portion of the web at the inboard end did not experience as severe fire damage as the rest of the web.

There are at least ^(SDG) 7 places on this panel that exhibit "spike tooth" fractures and these are noted in the metallurgical document.

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