

REAR SPAR - WING CENTER TANK

CW-1010  
C-2138  
GREEN

This segment is the lower portion of the web and lower spar chord from RBL 10 to RBL 85. It has spar web attached ranging in height from 4" to 12". Only a small portion of stiffeners at RBL 75 and RBL 63 remain.

All of the fasteners that are common to the web and spar chord are intact over the length of this part. There is an additional fracture at RBL 52 that extends through both the web and the vertical flange of the spar chord. The skin flange of the spar chord and the attached lower skin panel is bent upwards at this location on approx. a 20 degree angle. Only the bulkhead web attach flange of the stiffener at RBL 75 and RBL 63 still remain attached to the web. At the other stiffener locations, the fasteners that are common to the web and the stiffener are missing for the most part and the two locations that the fastener is still in the hole show combined tension and shear failures. The fasteners common to the spar chord, web, and missing stiffeners at the lower chord show fastener tension failures.

There is a greater amount of sooting on the inbd end between RBL 21 and 52. There are both sooted and unsooted areas at the interface of stiffeners and web where the stiffeners are missing. See the Fire and Explosion Group notes for complete description.

*[Signature]* 12-6-96 WA

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