

REAR SPAR - WING CENTER TANK

CW-1001

RF-17

C-2280

GREEN

The section consists of the right hand rear spar pickle fork, rear spar web from upper to lower surface and from SOB to RBL 85.00, and the stiffener at RBL 98. This portion remained attached to the upper fuselage which is heavily burnt.

The pickle fork is still attached to the web and is intact except that the free flange (aft side) of the fork legs are buckled/crippled at a location ranging from 12 to 18" below the upper spar chord with the lower spar chord being displaced 12" to 16" aft of it's original location. The upper kick fitting and lower tension fitting are still intact including the center section and outboard wing flanges of the terminal fitting. The vertical flange of "L" shaped upper spar chord is intact from SOB to RBL 96.00 and the vert flange of the lower spar chord is intact from SOB to RBL 85.00. The skin flange of the "L" shaped lower chord is broken off. The vertical stiffener at RBL 98 is still attached and the aft free flange is crippled at 12" below the upper chord. There is also a crack in the spar web, stiffener web, and stiffener to web attach flange 12" below the upper chord. The crack in the web extends from the inbd edge and goes under the inbd leg of the pickle fork to the outbd edge of the web. The crack also extends through the terminal fitting. Small portions of the lower vapor barrier are still attached to the lower chord. The control cable pulley bracket and pulley wheels are still attached to the pickle fork. The attach fitting on the fwd side of the web, at RBL 98, for attachment of the lower intercostal is still intact with a portion of the intercostal still attached.

There is no soot on the fwd side of the web and the aft side of the web is dirty. See the fire/explosion group notes for full description.

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