

REAR SPAR - WING CENTER TANK

CW-1003
C-2143
GREEN

This portion of web extends from RBL 85 to RBL 33 and extends from the mating surface of CW-1002 on the upper side to the mating surface of CW-1010 and CW-1011 on the lower side (maximum of 34" high).

The web has a jagged tear on the lower side that is 12" above the lower chord at the inboard end, 6" in the middle and 20" at the outboard end. The stiffeners at RBL 75 and 57, as described in CW-1002, separated from the web at the fasteners. 24 out of 33 holes are open. The stiffener at RBL 85 is detached and the fasteners remain in the holes. The fasteners remaining in the holes exhibit combination of tensile and shear failure with the direction going outboard. The upper 12" of the stiffener of RBL 63 is missing with the fasteners showing a tension failures. The lower 18" of RBL 63 stiffener only has the web flange remaining with the fastener intact. The RBL 46 stiffener is missing with the remaining fasteners exhibiting a shear failure in the upper direction. There is 29" of the lower end of RBL 33 stiffener still attached. The lower 16" of the stiffener is not attached to any web and the fasteners remaining in the hole exhibit tension and shear failures. The tension failures are common to the lower 10" of the stiffener and shear failures from 10" above the lower chord to 16" above the lower chord.

The inbd end of the this segment shows a higher level of soot deposit than the outbd end. The interface of the stiffener to the web where the stiffeners are missing shows soot deposits. See the Fire and Explosion Group report for complete information.

D. M. ... 12-6-96 WA

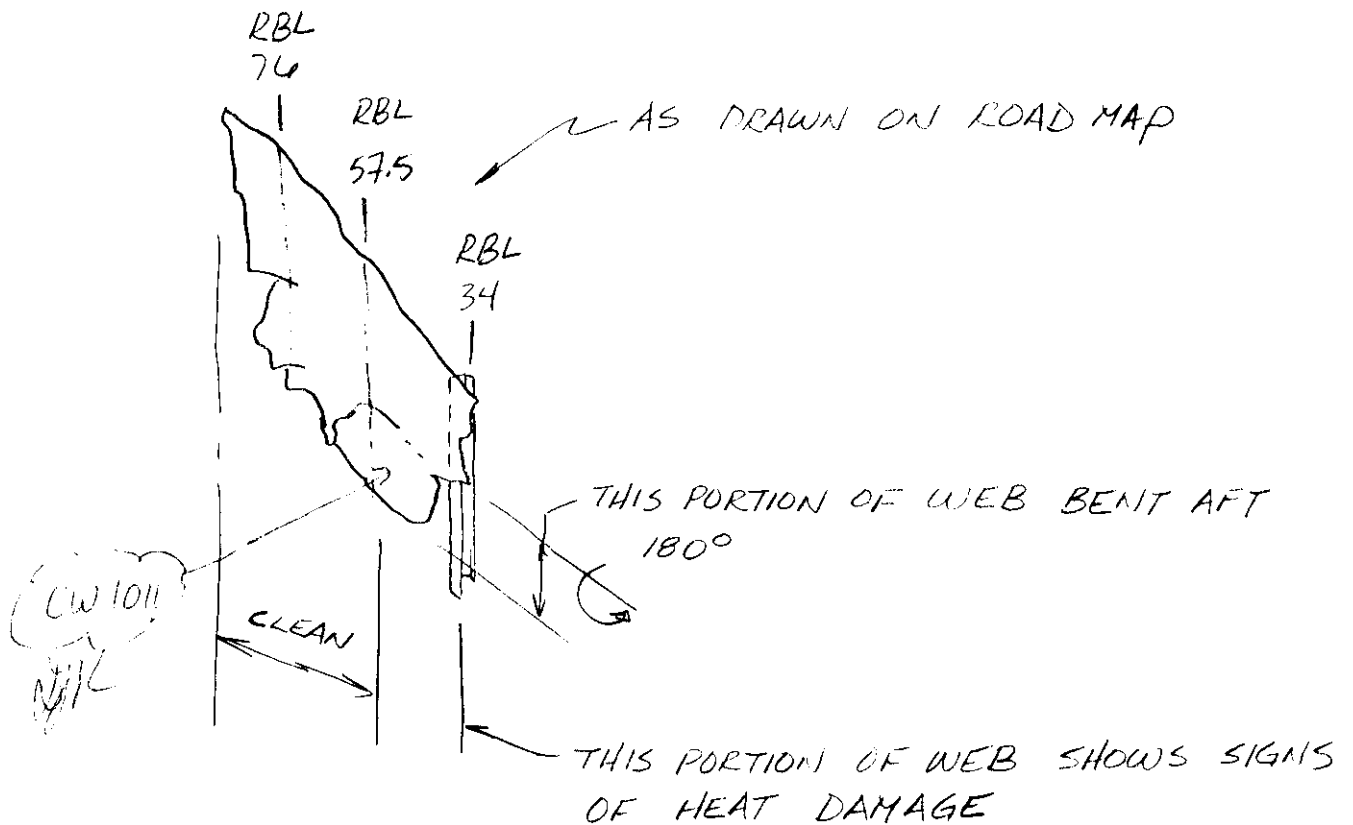
R. ... IAM 12-6-96

SD GREEN ALPA 12-7-96

*Stephen F. Klappert # 31-
12-04-96 FAA*

Boeing 12/12/96 BOEING

CW-2 PART A CW-1003 NO TAG



- STIFFENER IS COMPLETELY SOOTED ALL AROUND
- AFT FACE OF WEB HAS PAINT BURNED OFF / PEE LING BTWN RBL 30 & 57.5. OUTB'D OF RBL 57.5 WEB IS BROWNISH DIRTY.

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JR