

CW-512 FRONT SPAR
A-238
RED

This section of the front spar consists of one stiffener at RBL 57.50 which is adjacent to CW-519. The section separated from the upper skin along the spar chord radius. The web piece is roughly 23" wide by 17" high.

The section of the web remained attached to the upper portion of the stiffener. This web separated from the upper skin at the upper chord and the stiffener bent outboard 45 degrees at 63" from the bottom. The aft flange of the stiffener (in dry bay area) suffered impact damage at 63" from the bottom. The impact damage is about 1.5" wide. The remaining front spar web separated from the stiffener and the rivet fracture exhibits shear failure towards the inboard side.

See Fire & Explosion Group: Notes For Documentation # 10-30-96 IAM
~~There is no evidence of any fire damage to this section of the front spar. There is no evidence of any pre-existing cracking or corrosion to this section of the front spar.~~

A. Kenney 10/20/96

BOEING

SD GREEN ALPA 10-28-96

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M. N. 11-26-96 TWA