

SIDE OF BODY RIB - RIGHT WING - WING CENTER TANK

CW-306

C-196

GREEN

This segment is a 28" x 28" segment of side of body rib web and partial stiffeners. The aft edge of the segment is at the rear spar. The fracture surfaces of this segment mate with CW-302 on the upper side, CW-305 on the fwd side, CW-311 on the lower side, and CW-312 on the aft side. The aft end of the segment has two holes for fuel lines and a portion of fuel line remains attached.

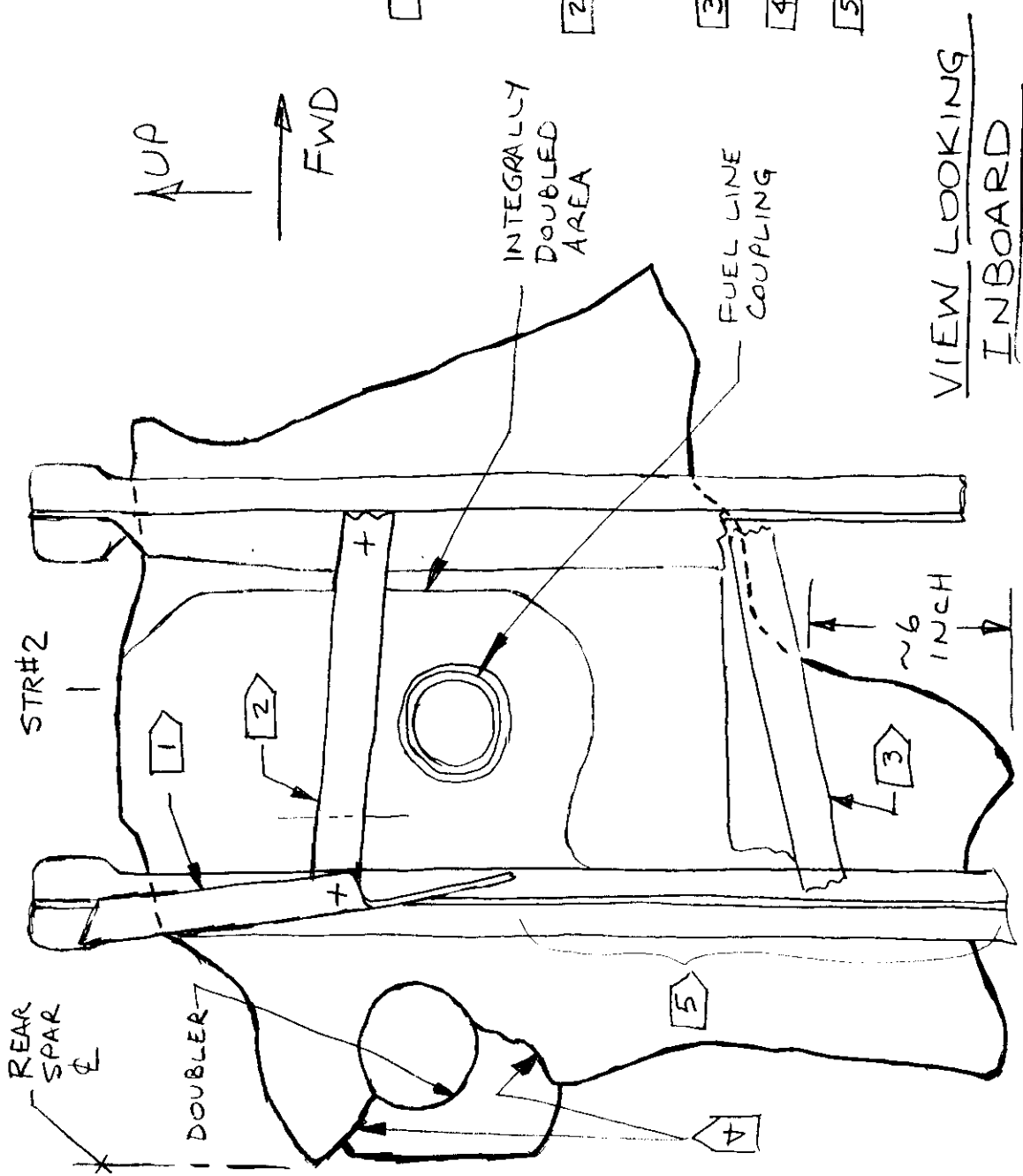
The following sketch gives complete description of the condition of the parts. There is no evidence of fatigue on any fracture surface.

See the fire and explosion group report for complete documentation of soot accumulation.

W. Stoyant 11/24/96 BOEING  
D. M. ... 11-26-96 ...  
G. ... 11-27-96 FAA  
R. ... 12-7-96 JAM  
SD GREEN 12-16-96 ALPA

B. HOCKING  
8/22/96

REGION D



FRACTURE LINES OF WEB GENERALLY "CLEAN-CUT" IN THINNER AREAS BUT EXHIBITS "INTER-LAMINAR" SHEARING IN THICK REGIONS. NO APPARENT CHARRING.

- 1) STIFFENER OUTER CHORD AND WEB SEPARATED FROM LEG ATTACHED TO WEB, BUT HELD IN PLACE BY STABILIZATION INTERCOSTAL [2].
- 2) STABILIZATION INTERCOSTAL OUTBOARD CHORD CRUSHED INBOARD ABOUT 1 INCH FWD OF VERTICAL STIFFENER.
- 3) STABILIZATION INTERCOSTAL LAID OVER
- 4) WEB FAILURE LINES IN REINFORCED CUTOUT AREA
- 5) OUTER CHORD & STIFFENER WEB MISSING.

GREEN ZONE  
TAG C-196  
CW-306