

WING CENTER SECTION - SPANWISE BEAM # 2

CW-704

~~B-003~~ A-Z 2866 Green

~~YELLOW~~ B-Z 2867 Green

This section is the lower chord and web from RBL 8 to RBL 34 and includes the vertical stiffener and web at RBL 8.9.

This section was sent to NTSB lab and a metallurgical examination was performed. It returned to the hangar in two pieces and the upper portion was given a number B-2003 (YELLOW).

The lower chord has separated from the skin panel and the remaining chord to skin fasteners have failed in tension. One remaining fastener in the lower chord just outbd of the RBL 9 lower tension fitting exhibits aft bending. The RBL 9 tension fitting common to the keel beam remains attached to the lower chord. The hole thru the lower chord and fitting for the tension bolt shows elongation on the lower surface of the chord on the aft side of the hole. The nut remains buried in the tank sealant on the top surface of the hole. There are numerous small penetrations in the web and the web is bent in multiple directions. The web inbd of the RBL 9 stiffener (B2003) has numerous horizontal fractures and is curled tightly fwd. The web just outbd of the stiffener and directly below the door is bent 180 degrees aft. The web inbd and outbd of RBL 25 (B003) has multiple penetrations with very jagged features around the edge of the hole.

This part has spike-tooth fractures that are documented in the metallurgical report.

See the fire and explosion group notes for full documentation on soot and fire damage.

*SD GREEN ALPA*

*12-06-96*

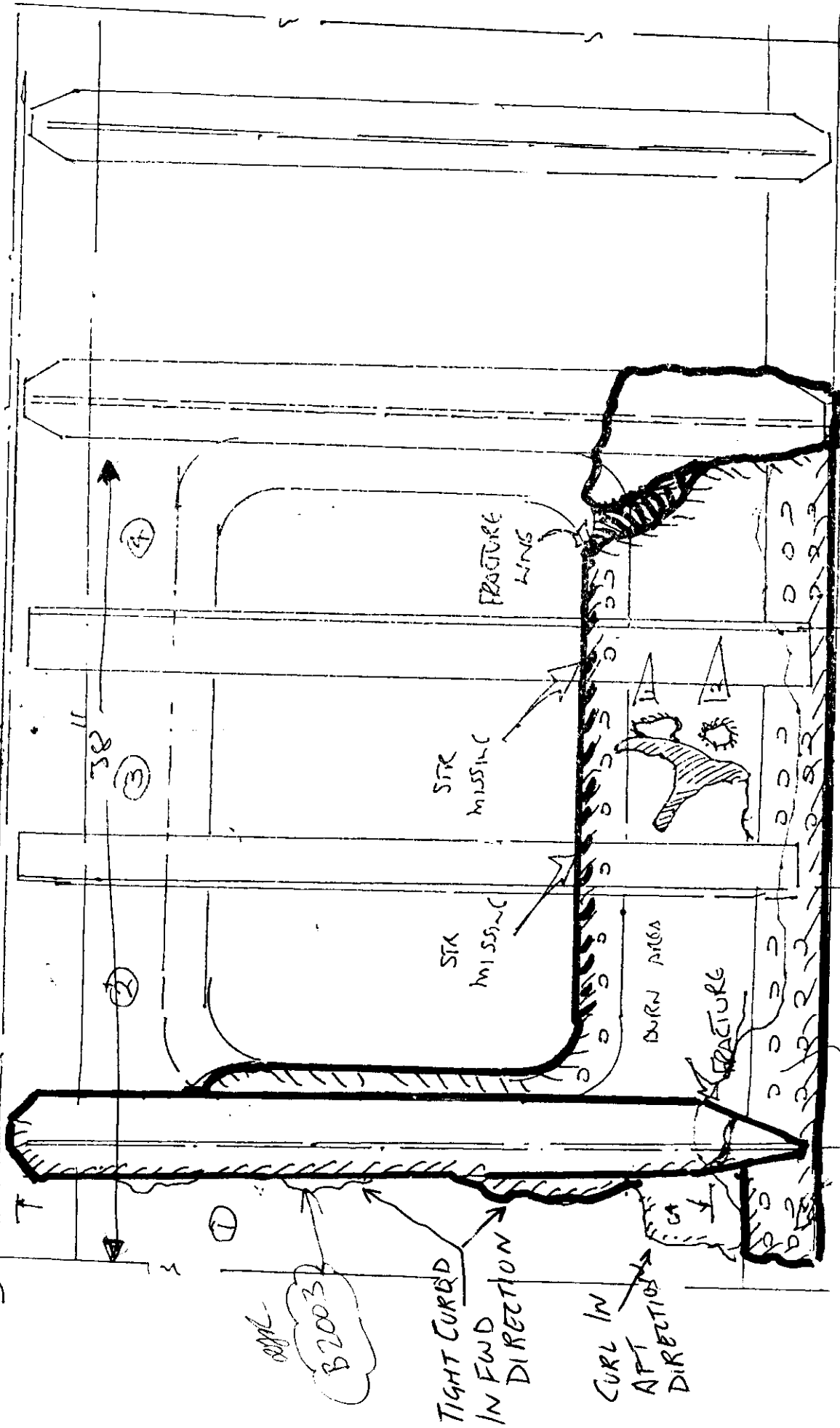
*R. Gracetti JAM 12-6-96*

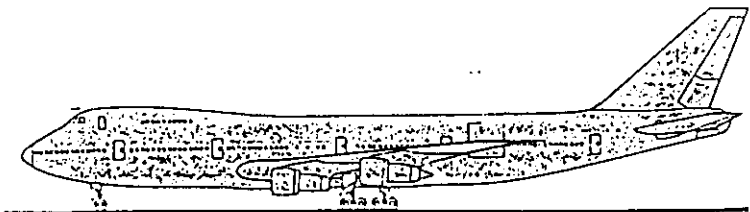
*Stephen F. Klupach Sr  
12-04-96 FAA*

*AA Rimmer 12/12/96*

*AJ Mphalo 12-14-96*

# SPANWISE BEAM. NO 2 CW-704





LOG # \_\_\_\_\_  
 TARGET # (B003)  
 COORD: LAT 40 39.51.33  
 LONG 72 37 26.66

DEBRIS FIELD #2 (YELLOW)

**CW-704**

B003 AREA 2 (YELLOW)

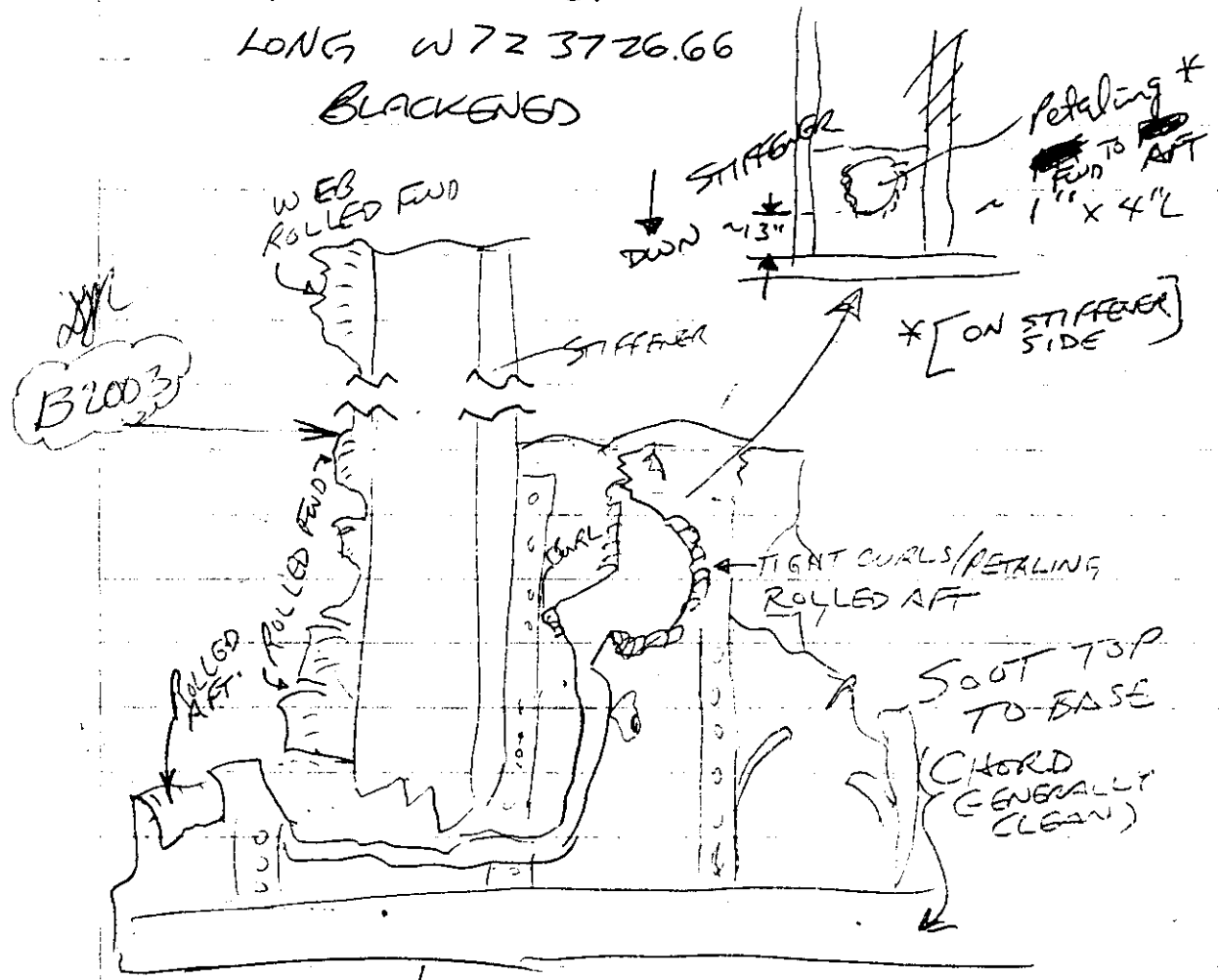
R 3/8/96  
 8/6/96  
 J. TRZIL

65B12010-10 RBBL 8.94 @ SPANWISE  
 TENSION FTG  
 BEAM #2

LAT N 40 39.51.33

LONG W 72 37 26.66

BLACKENED



B'003

RBBL 8.94