

SPANWISE BEAM #1 - WING CENTER TANK

CW-911

A-2054

RED

This section consist of portion of stiffener and web at RBL 76. The web measures 24"X12". Only the web flange of the stiffener remains attached.

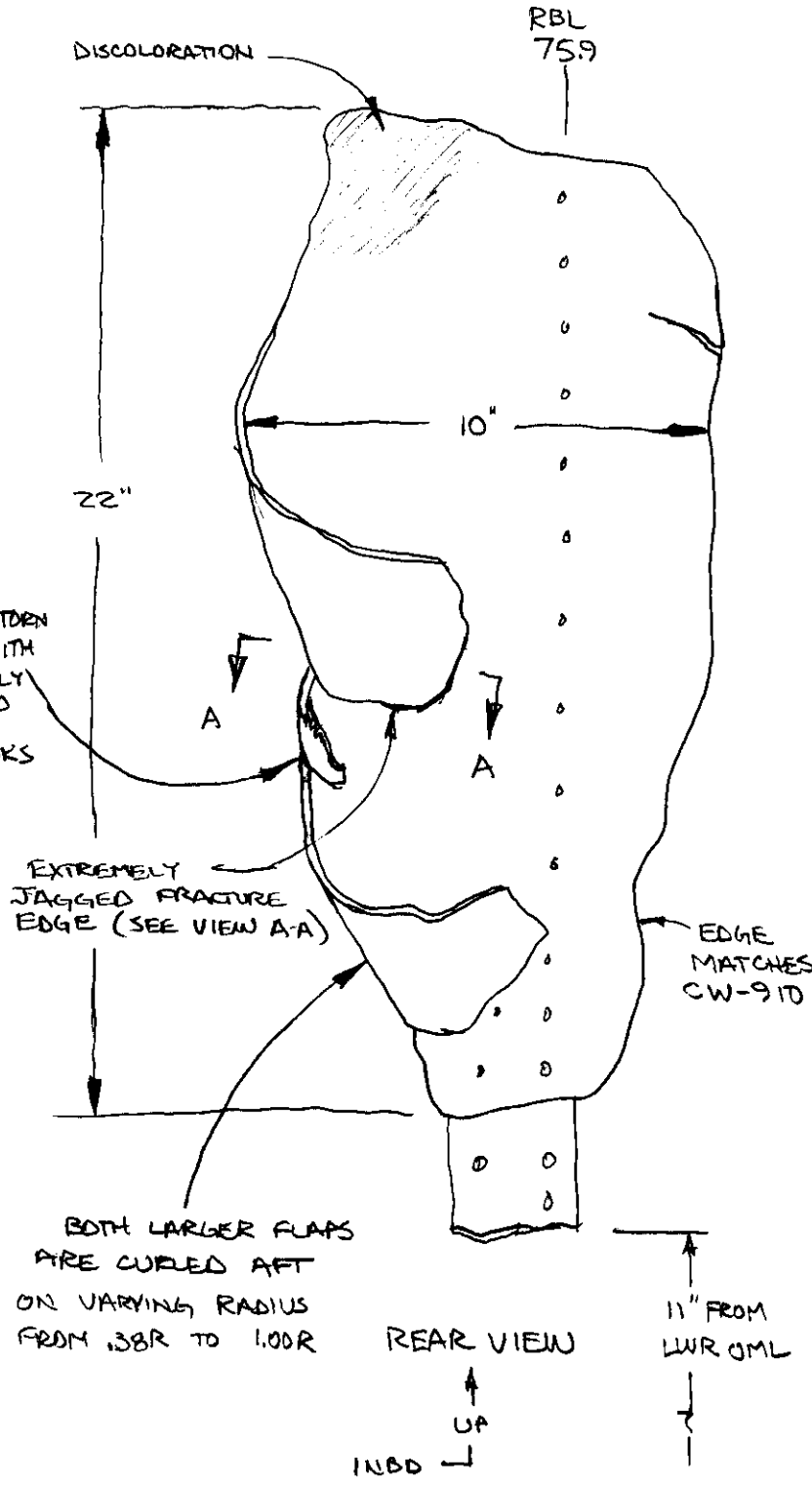
The web is bent aft at two locations, one measuring 5"X7" and other 4"X5" long. The upper portion exhibits a 4" long spike tooth fracture along its lower edge.

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

Wann Stewart 10/29/96 BOEING  
SD GREEN 10/31/96 ALPA  
Lou Zibler 11/1/96 FAA  
D. M. H. 11-25-96 TWA  
C. J. H. 11-28-96 IAM

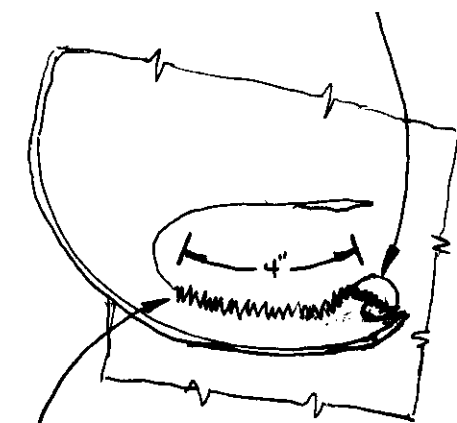
CW-911

SPANWISE BEAM # 1  
RED TAG A2054



PART IS GENERALLY CLEAN EXCEPT FOR DISCOLORED AREA.

VERY TIGHTLY CURLED FLAP (270° ON .38R) WITH JAGGED EDGE



VIEW A-A  
VIEW LOOKING DOWN

SERIES OF VERY JAGGED TEARS: EACH TOOTH IS 1/8 TO 1/4" LONG AND IS APPROX .05 THICK

Wann Stewart 9/30/96

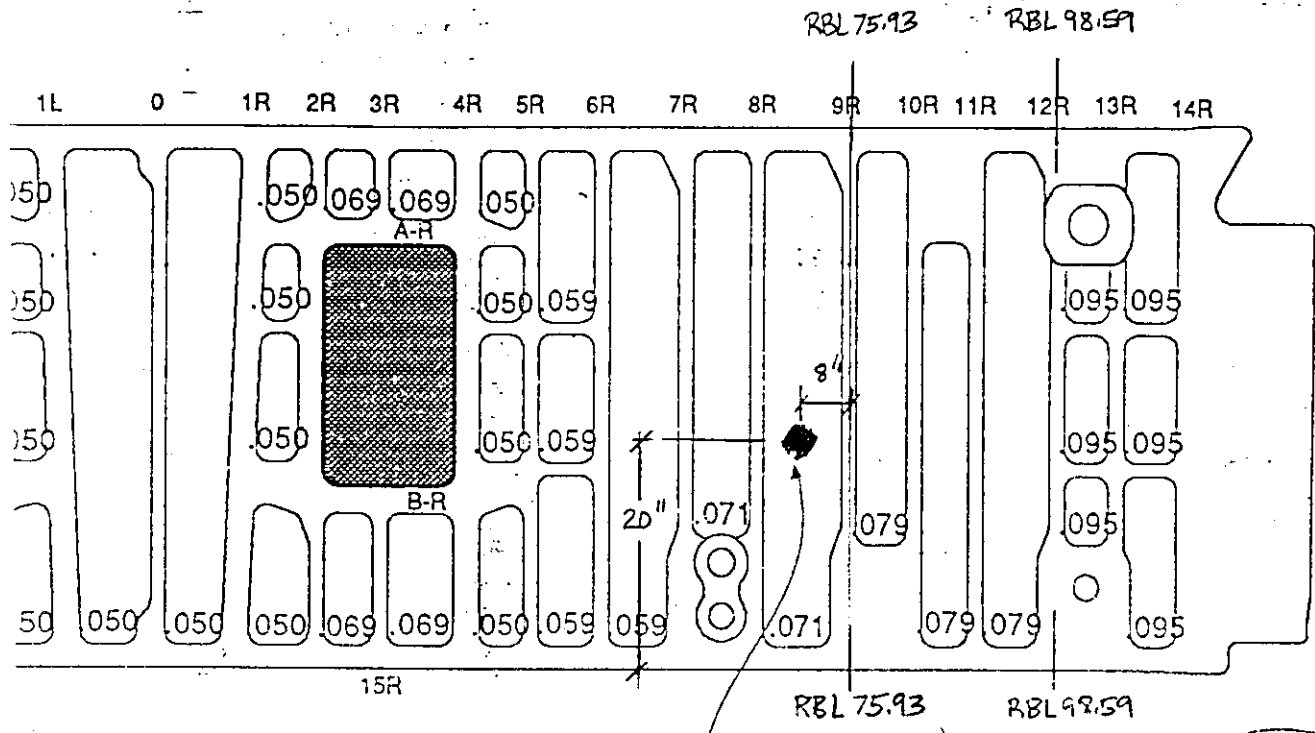
# Spike-Tooth Fractures

## ISE BEAM #1 ASSEMBLY STL / 65B01108-2 ASSY

CW-911

Spanwise Beam #1

REFER TO FIRE & EXPLOSIONS GROUP NOTES.



20" up from web Bottom, 9" INSD of RBL 75.93  
Fracture 3 1/2" Long, Curled AFT

CW-911

| OFILE |
|-------|
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |
| ANGLE |

| STIFF NO. | RBBL         | PART. NO   | PAD "T" | PAD "W" | EXTRUSION     | MATL       | PROFILE   |
|-----------|--------------|------------|---------|---------|---------------|------------|-----------|
| 1R        | 8.94 - 11.34 | 65B10770-2 | .125    | 2.83    | BAC1518-446   | 7178-T6511 | "1" ANGLE |
| 2R        | 17.27        | 65B10768-2 | .125    | 1.62    | BAC1518-446   | 7178-T6511 | "1" ANGLE |
| 3R        | 25.26        | 69B10952-2 | .125    | 1.55    | AND10137-1606 | 7075-T6511 | "L" ANGLE |
| 4R        | 34.00        | 65B10771-2 | .125    | 2.83    | BAC1518-446   | 7178-T6511 | "1" ANGLE |
| 5R        | 41.77        | 65B10766-2 | .125    | 1.63    | BAC1506-2369  | 7178-T6511 | "3" ANGLE |
| 6R        | 49.60        | 65B10765-2 | .125    | 1.63    | BAC1506-2369  | 7178-T6511 | "3" ANGLE |
| 7R        | 57.51        | 65B10769-4 | .125    | 1.62    | BAC1518-446   | 7178-T6511 | "1" ANGLE |
| 8R        | 66.65        | 65B10766-2 | .125    | 1.63    | BAC1506-2369  | 7178-T6511 | "3" ANGLE |
| 9R        | 75.93        | 65B10769-2 | .125    | 1.65    | BAC1518-446   | 7178-T6511 | "1" ANGLE |
| 10R       | 83.24        | 65B10766-1 | .125    | 1.68    | BAC1506-2369  | 7178-T6511 | "3" ANGLE |
| 11R       | 91.14        | 65B10766-2 | .125    | 1.68    | BAC1506-2369  | 7178-T6511 | "3" ANGLE |
| 12R       | 98.59        | 65B10769-2 | .125    | 1.67    | BAC1518-446   | 7178-T6511 | "1" ANGLE |
| 13R       | 106.20       | 65B10766-2 | .125    | 1.68    | BAC1506-2369  | 7178-T6511 | "3" ANGLE |
| 14R       | 112.39       | 65B10767-2 | .125    |         | BAC1506-2369  | 7178-T6511 | "3" ANGLE |
| 15R       | 25.26        | 69B10952-2 | .125    | 1.55    | AND10137-1606 | 7075-T6511 | "L" ANGLE |
| A-R       | HORIZ        | 65B10813-8 | .125    | 2.74    | AND10136-2408 | 7178-T6511 | "T" ANGLE |
| B-R       | HORIZ        | 65B10813-6 | .125    | 2.78    | AND10136-2408 | 7178-T6511 | "T" ANGLE |

JR Straw 10/3/96