

SPANWISE BEAM # 3

CW-612  
Z-2763  
GREEN

This panel at RBL 83.24 is 12" wide by 31" high.

There is a "spike-tooth" fracture on the outboard lower side of the web. The panel is severely distorted and has fire damage. The partial stiffener is also severely distorted. The enclosed sketch illustrates the damage.

*Tom Todaro* 10/21/96

BOEING

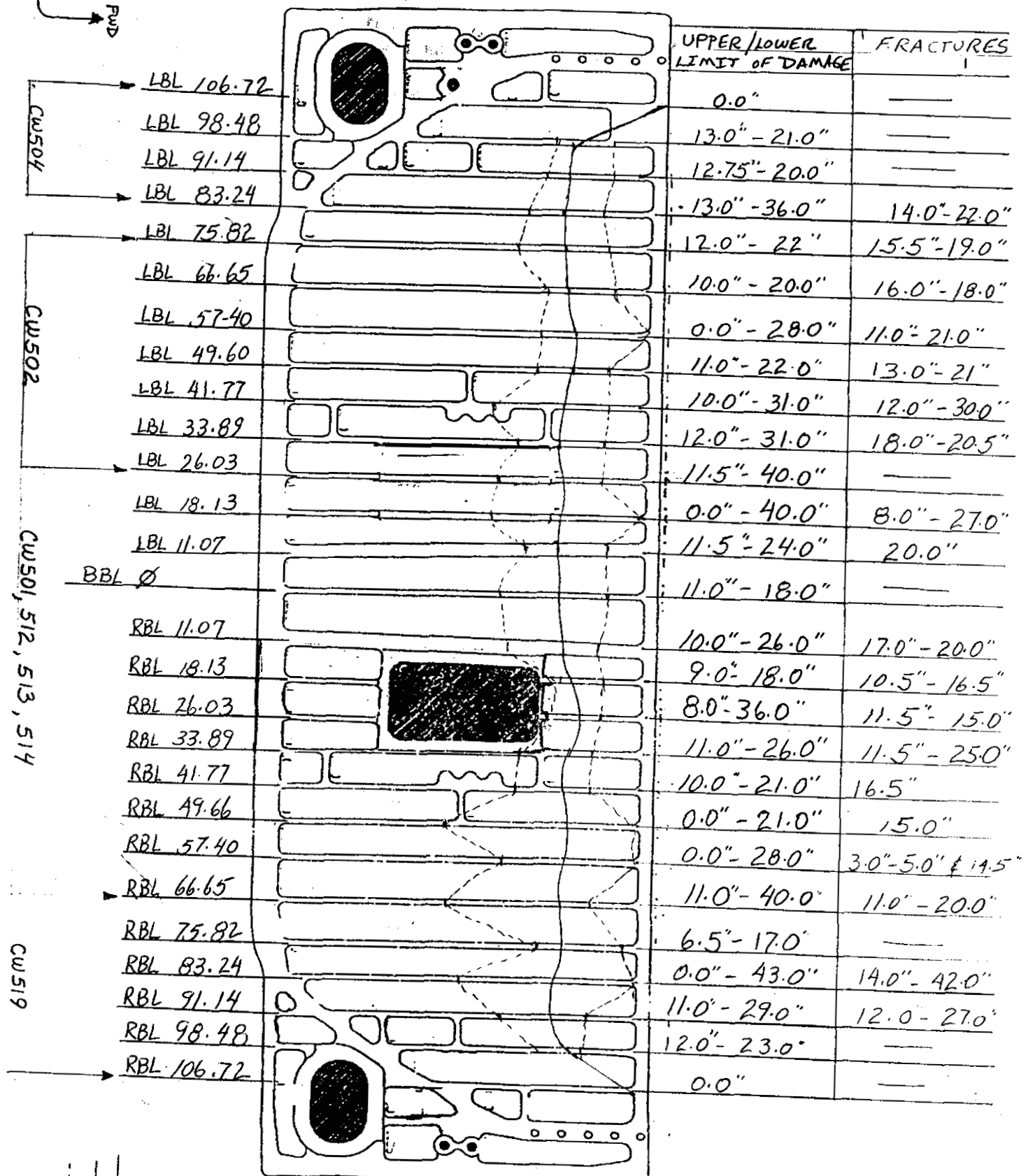
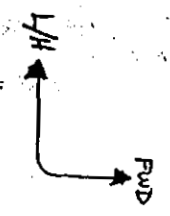
Tom Todaro  
FAA 10-29-96

SD GREEN 10-29-96

ALPA

*Tom Todaro* 11-26-96 TWA

*Tom Todaro* 11-27-96 ZAM



UPPER/LOWER LIMIT OF DAMAGE	FRACTURES
0.0"	—
13.0" - 21.0"	—
12.75" - 20.0"	—
13.0" - 36.0"	14.0" - 22.0"
12.0" - 22"	15.5" - 19.0"
10.0" - 20.0"	16.0" - 18.0"
0.0" - 28.0"	11.0" - 21.0"
11.0" - 22.0"	13.0" - 21"
10.0" - 31.0"	12.0" - 30.0"
12.0" - 31.0"	18.0" - 20.5"
11.5" - 40.0"	—
0.0" - 40.0"	8.0" - 27.0"
11.5" - 24.0"	20.0"
11.0" - 18.0"	—
10.0" - 26.0"	17.0" - 20.0"
9.0" - 18.0"	10.5" - 16.5"
8.0" - 36.0"	11.5" - 15.0"
11.0" - 26.0"	11.5" - 25.0"
10.0" - 21.0"	16.5"
0.0" - 21.0"	15.0"
0.0" - 28.0"	3.0" - 5.0" & 14.5"
11.0" - 40.0"	11.0" - 20.0"
6.5" - 17.0"	—
0.0" - 43.0"	14.0" - 42.0"
11.0" - 29.0"	12.0" - 27.0"
12.0" - 23.0"	—
0.0"	—

KEY  
 - - - - - FRACTURE (R)  
 ———— UPPER/L  
 LOWER  
 DAMAGE (R)

CWG12

22763

Green Field

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Spanwise Beam #3,  
RBL 83,24

Skin bent FWD along dash line

12"

Web Curled  
AFT  
Above  
this  
line

The Web is  
stiffer in  
this area DOWN  
is bowed FWD

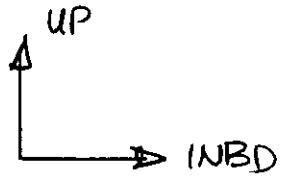
31"

Primer "Heat" discolored  
in Web - No discoloration  
in Web at stiffener  
location

"Spike-Tooth"  
Fracture in Curl  
Curled AFT

Web Curled  
AFT

Bottom of Stiffener Twisted INBD

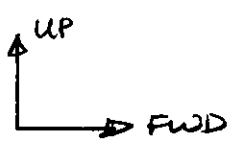


RBL 83.24  
(Attaches to CW601)

JR Straus 10/6/96

View Looking AFT

Side View -  
Looking INBD



Web Curled  
AFT  
(Very Light Sooting)

RBL 83,24  
Stiffener

FWD Curl  
(Light Sooting)

AFT Curl  
(Light Sooting)

Stiffener Fractured  
Here

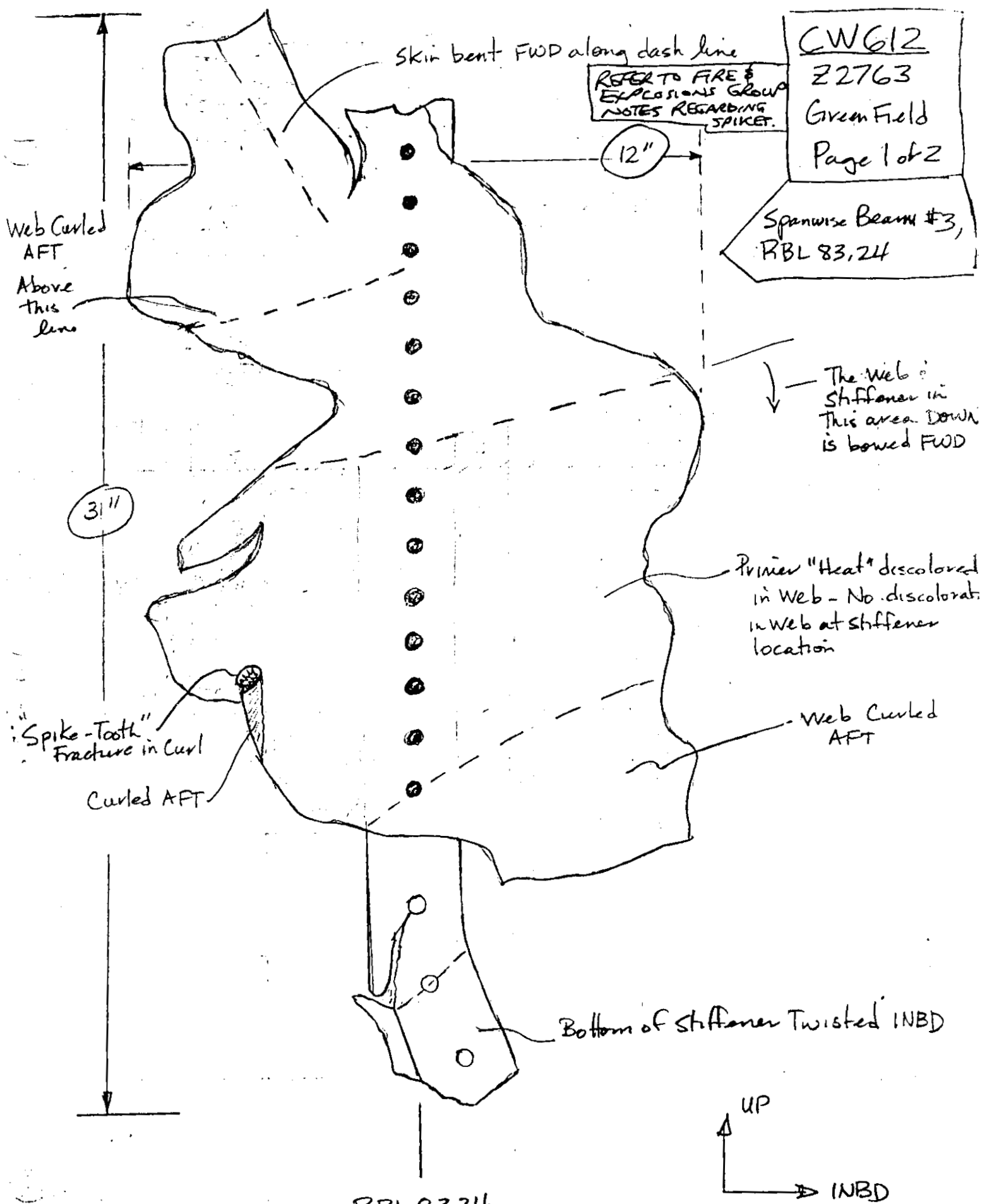
FWD  
Curl  
(Light Sooting)

Stiffener + Web (as a whole)  
in this area bowed FWD

"Spike-Tooth"  
Fracture in  
AFT Curl

Twisted + Cracked  
INBD direction

J.R. Straus 10/6/96



CW612  
 Z2763  
 Given Field  
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Spanwise Beam #3,  
 RBL 83,24

REFER TO FIRE &  
 EXPLOSIONS GROUP  
 NOTES REGARDING  
 SPIKET.

Skin bent FWD along dash line

12"

Web Curled  
 AFT  
 Above  
 this  
 line

31"

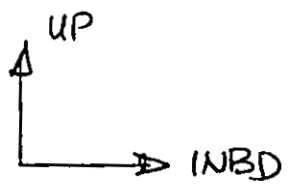
The web of  
 stiffener in  
 this area DOWN  
 is bowed FWD

Primer "Heat" discolored  
 in web - No discoloration  
 in web at stiffener  
 location

"Spike-Tooth"  
 Fracture in Curl  
 Curled AFT

Web Curled  
 AFT

Bottom of Stiffener Twisted INBD



RBL 83.24  
 (Attaches to CW601)

JR Straus 10/6/96

View Looking AFT