

UPPER SKIN PANEL - WING CENTER TANK

CW-114
Z-3028
GREEN

This panel extends from LBL 17 to LBL 117, and from the FS to S-27.

The panel has the skin flanges of all the stringers still remaining at all locations and part of the web and free flanges on S-30 to S-33. The floor beams at LBL 34, 57.5, and 75.9 remained relatively intact from FS to SWB3. The upper and lower tension fitting at SWB3 is the only portion of LBL 98.6 floor beam that remains. The panel is flat in a spanwise direction from LBL 34 to LBL 75.9 floor beam. The inb'd fracture edge is jagged and curls upwards at a 45 degree angle. The outb'd edge bends down at a 45 degree angle on a 15" radius and the fracture edge is jagged. The skin flange of the FS upper chord remains attached.

The surface outb'd of LBL 75.9 exhibits a brown spatter on top of the primer and CAT-A-LAC coating.

See the shear tie/bolt hole elongation study for details. See Fire and Explosion Group notes for further documentation.

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FNA 12-05-96

R. Bruchetti IAM 12-5-96

W. Stumpf 12/5/96 BOEING

djpylls 12-6-96 TWA

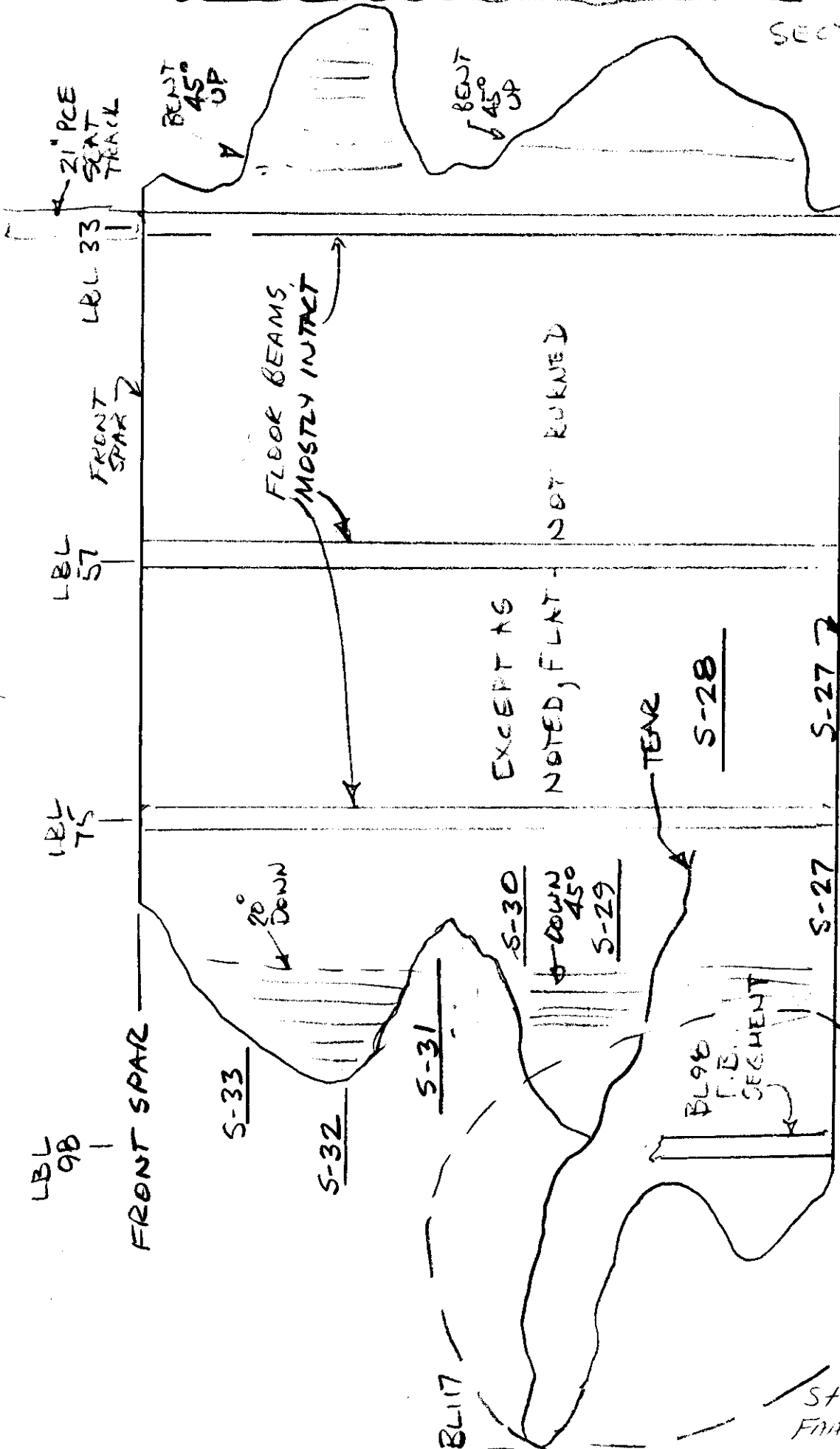
SD GREEN 12-6-96 ALPA

UPPER SKIN SECTION ~ LBL 17 → 117 CW-114

SECTION II

A. REIMER

9/9/96
1/29/97
Z-3028
CW-114



LBL STRINGER DATA

STR	SKIN FLG	LBL	WEB FLG	FREE FLG
S-33	BL 27-90	BL 43-77	BL 43-77	BL 43-77
S-32	27-90	43-77	43-77	36-77
S-31	31-77	57-77	57-77	57-77
S-30	23-86	45-77	45-77	57-91
S-29	28-96	-	-	-
S-28	27-83 + 95-100	-	-	-
S-27 HALF	30-103	-	-	-

LIGHT SCOOT
ON LOWE K
SIDE

2 + 4 TENS, FTGS →

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FMA-11-09-96