

LOG # LF36 ^{SOS}
TARGET #
COORD: LAT
LONG

DEBRIS FIELD #3 red

Red Tag# A260

(near)

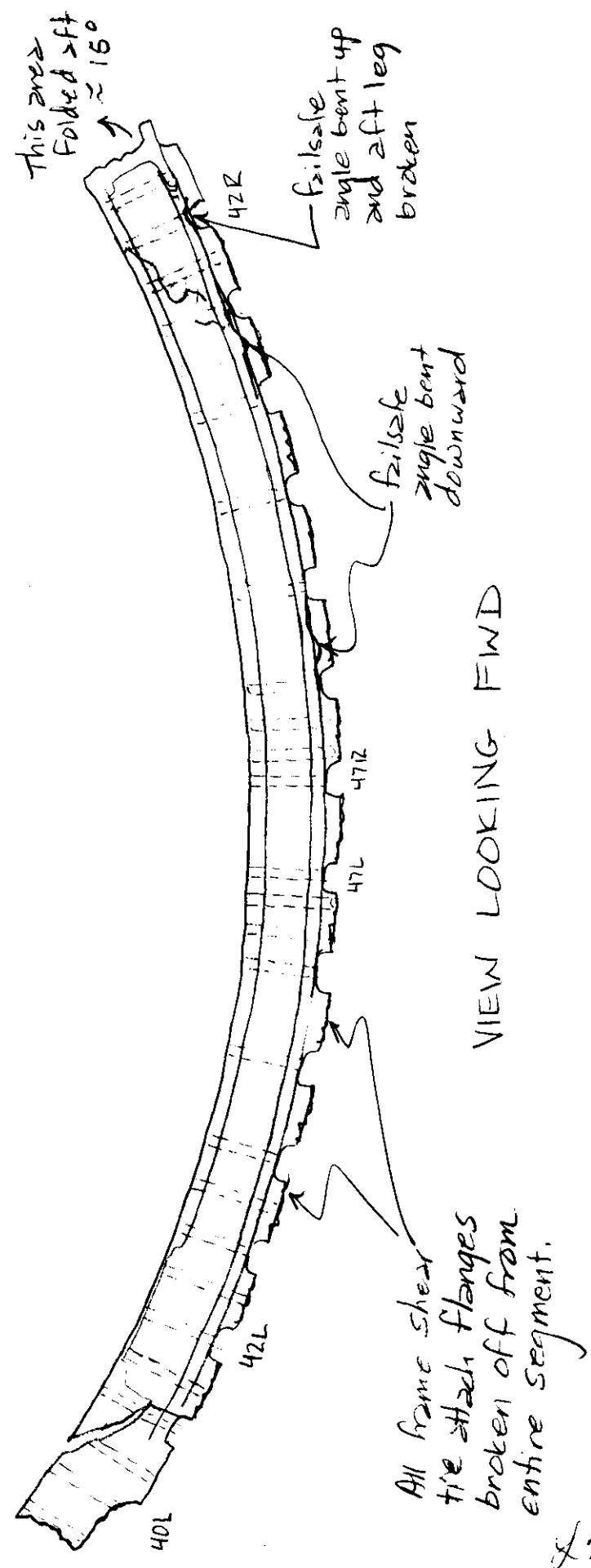
STA 980 Lower Frame Segment

This is the first frame segment forward of the front Spar Bulkhead. Frame retains original contour. All skin attach flanges are broken free. The failsafe angle is bent at three location, however there are no other signs of impact damage. There is no evidence of fire damage or sooting.

Cf Hale IAM
10-28-96
FWAR
Neil Scoville
10-10-96
S. Chisholm
8/15/96
Lan John FAA
10-22-96

LF36

STA 980
FRAME SEGMENT



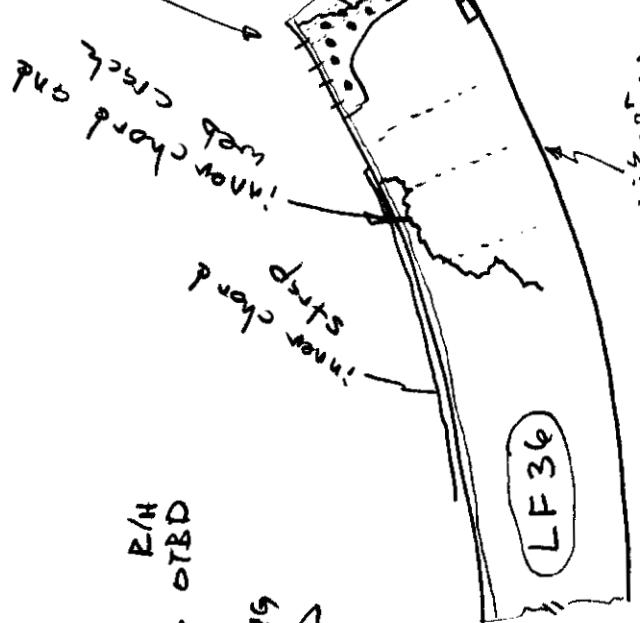
VIEW LOOKING FWD

X Zakkie FFA
10-22-96

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LF 36
SUPPLEMENTAL
PAGE

Up → E/W
→ ORBD
LOOKING
FLUID



STA 980
FRAME
Ground truth
Test 365/97

Orientation plan
3-26-97
Aust 3/27/07

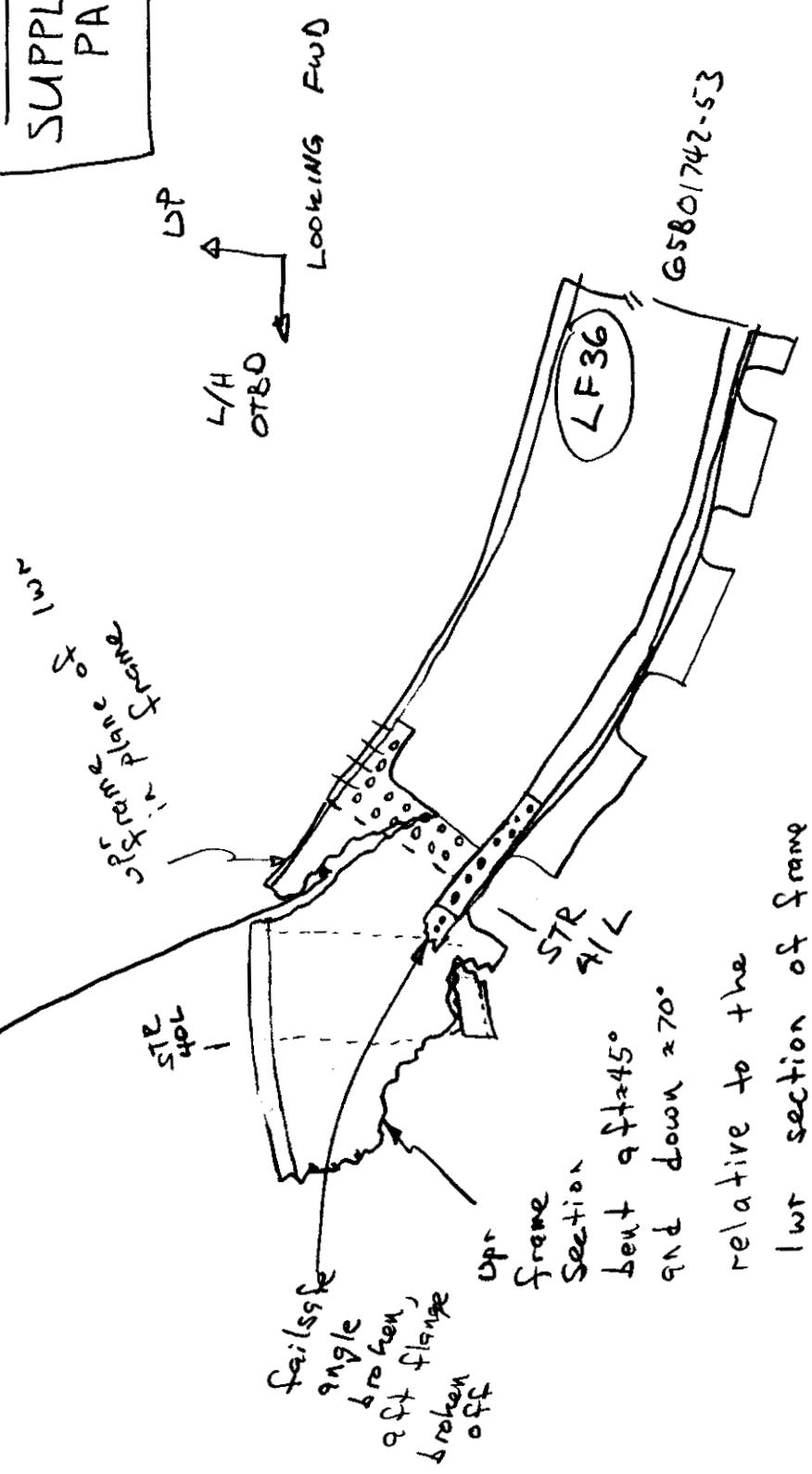
1/2

Diagram showing the orientation of the frame relative to the fluid flow direction. The frame is tilted at approximately 45 degrees to the horizontal. The text includes:
 - STA 980 FRAME Ground truth Test 365/97
 - Orientation plan 3-26-97 Aust 3/27/07
 - LF 36
 - Up → E/W → ORBD LOOKING FLUID
 - There is no out of plane bending of the web faces
 - Cantilever angle corner of frame don't bend
 - (except the cantilever corner and flange corners)
 - horizontal flange going from front to back
 - vertical flange going from front to back
 - there is no out of plane bending of the web faces
 - bending of the web faces
 - corner and flange don't bend
 - Henry Missed, Boeing 1-28-97

Fracture has
part of the web slightly
part of the "sealing" at
the bending

Henry Missel, Boeing
1-28-97

LF36
SUPPLEMENTAL
PAGE



Dennis L. Tamm
3-26-97
V. Cocco
NLA 3/27/97
1/2

STA 980
FRAME

Tower Reduces
Frame 3-27-97