

See Additional Comments

AD 570

LOG # LF38

TARGET # 14

COORD: LAT _____

LONG _____

REFER FIRE AND EXPLOSION GROUP NOTES FOR FIRE DAMAGE TRIS FIELD #1 green
(far)

Green Tag # C851 REFER METALLURGY GROUP NOTES

LHS Upper Fuselage skin from STA 900 to STA 1350, S-412 to S-29L.

Major portions of frames remain attached to the skin from STA 1000 forward. Between 1000 and 1140, only the segments near the window belt remain attached. The STA 1241 frame is attached below S-14. The Door 3L forward edge frame is intact for upper stops #6 through #9. The sill structure remains attached.

The two window panes centered at STA 950 and STA 970 remain in place. Both the inside and outside surfaces are smooth and show no obvious signs of heat damage. There is no obvious heat damage to remaining portions of Wing to Body fairing between STA 920 and 1000 at the lower edge of the segment.

The panel itself does not show any obvious signs of fire damage or sooting.

C. J. Hoke, STAM
10-28-96

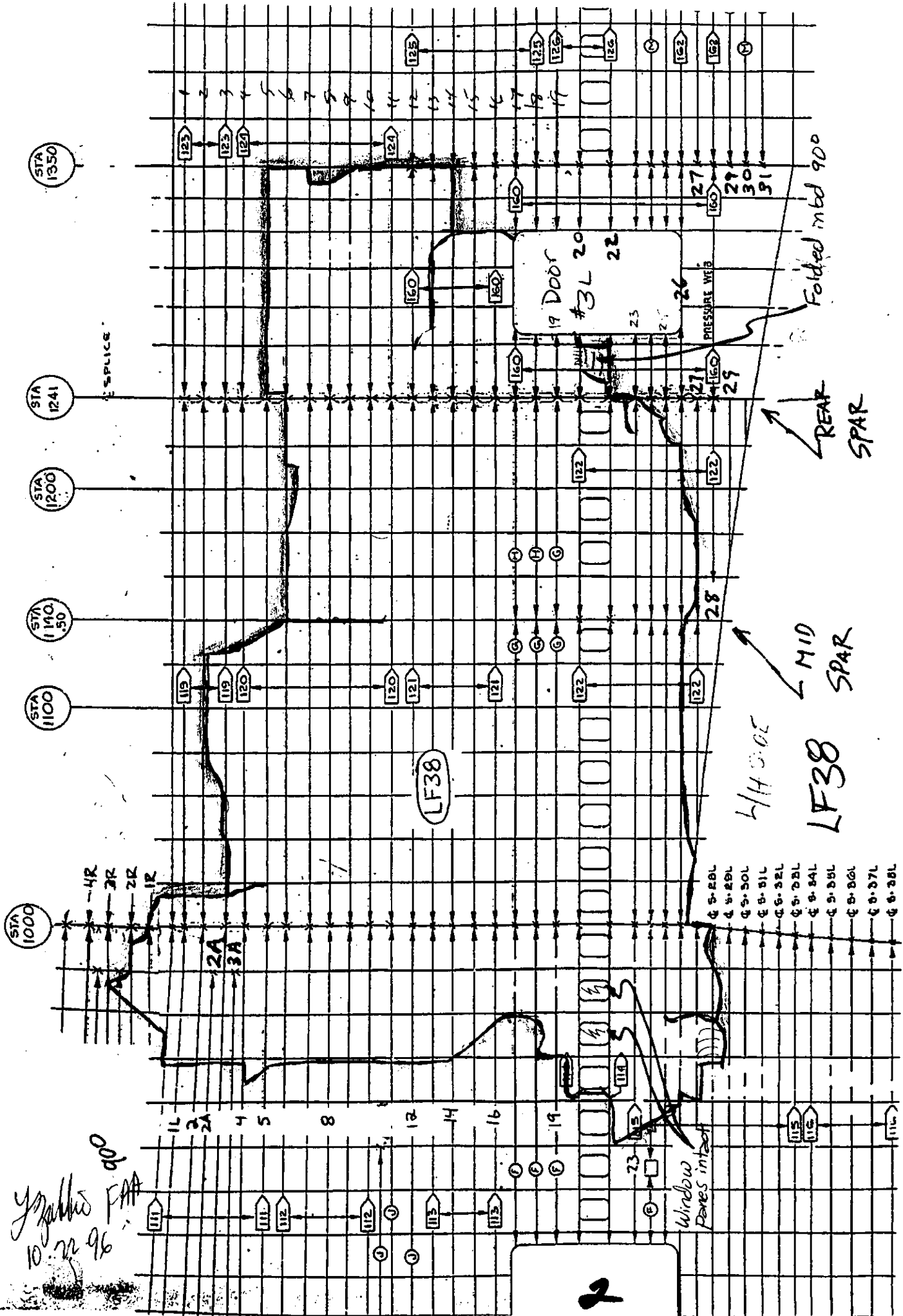
Neil Howell
7/28-10/10-96

S. Chris Johnson
8/17/96

L. J. ... FAA
10-22-96

SEC 42 | SEC 44

Y. J. [Signature]
10.22.96
PMA
900



LF 38


Additional Comments

- ① FRONT SPAR BLKHD ALSO ATTACHED, ALONG WITH PIECE OF WING BOX FRONT SPAR WEB, UPPER SPAR CHORD VERTICAL FLANGE & INTERNAL STIFFENER. BLKHD REMAINS ATTACHED UP TO APPROXIMATELY STG $7\frac{1}{2}$, HOWEVER INBOARD CHORD & WEB HAVE FRACTURED AT STG $\sim 18\frac{1}{2}$ L AND AT STG 14 TO STG 16L.
- ② MID SPAR BLKHD ~~ATTACHED~~ ^{PRESENT} FROM STG 9L DOWN TO STG 26L. UPPER PART FROM STG 9L DOWN TO STG 16L IS SEPARATED FROM SKIN.

MCKENZIE TWA
12-6-96

Dennis Santiago IAM
12-6-96

R. Harrower - TBC
12/6/96

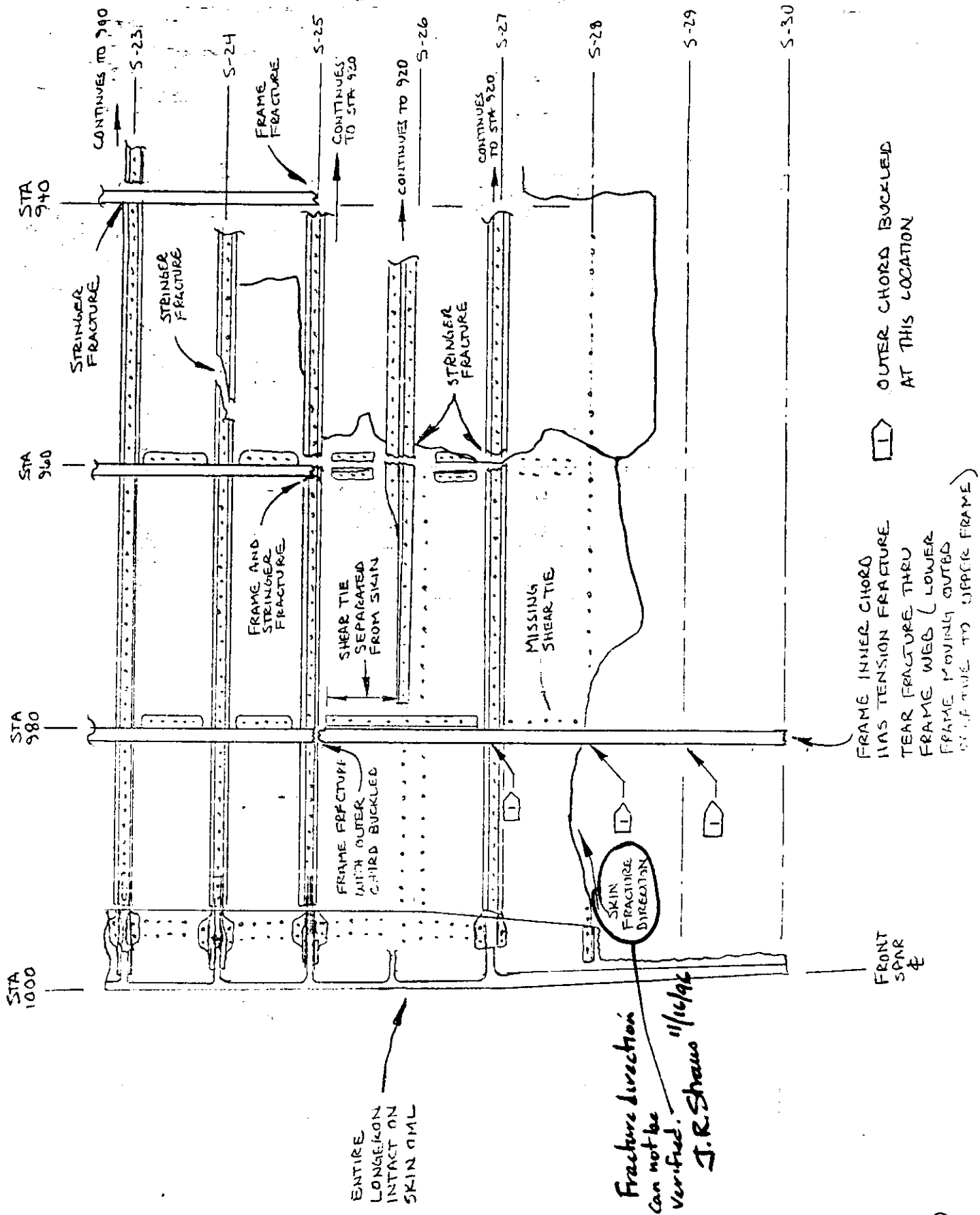
 - ACRA
12-6-96

B. HOCKING
11/2/96

Tom Todaro
FAA 12-6-96

②

3



ENTIRE LONGEON INTACT ON SKIN OML

Fracture direction can not be verified.
J.R. Strauss 11/16/96

W. Stegert 11/27/96

5

FRAME INNER CHORD HAS TENSION FRACTURE TEAR FRACTURE THRU FRAME WEB (LOWER FRAME MOVING OUTBOARD DUE TO UPPER FRAME)

OUTER CHORD BUCKLED AT THIS LOCATION



FRONT SPAR

STA 960

STA 980

STA 940

STA 1000

STRINGER FRACTURE

STRINGER FRACTURE

FRAME FRACTURE

FRAME FRACTURE WITH OUTER CHORD BUCKLED

SHEAR TIE SEPARATED FROM SKIN

CONTINUES TO STA 920

CONTINUES TO 920

STRINGER FRACTURE

CONTINUES TO STA 920

MISSING SHEAR TIE

SKIN FRACTURE DIRECTION

S-23

S-24

S-25

S-26

S-27

S-28

S-29

S-30

CONTINUES TO 940