

LOG # LFS1

RTS 10-12-96

TARGET # _____

COORD: LAT _____

LONG _____

TAG

C 642

GREEN

DEBRIS FIELD

GREEN

SKIN, STRINGER AND LONGERON, STA 940 TO STA 1000,
STRINGER 35L TO S-39L

• NO FIRE OR SMOKE APPEARANCE

• PORTION OF PRESSURE WEB BETWEEN F/S
AND BULKHEAD 8X10 TRIANGLE SHAPE. ~ S 40 TO
S 38
(DRAG SPLICE FTG)

• EXTERIOR LONGERON AT S 38 WITH FWD TANG OF
STUB FITTING FRACTURED THRU AFT BOLT

• SKIN SEVERELY BENT AND FOLDED ABOVE
S-38 INWARD AND OUTWARD

• FRACTURE AT S 39 IS THRU INNER SKIN
AT LOWER FASTENER ROW

• REMAINING FRACTURES ARE THRU SKIN
FOLLOWING NO FASTENER ROWS

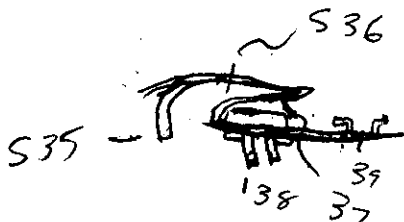
• PIECES OF S 39, S 38, S 37 AND S 36 STRINGERS ARE INTACT,

• SEGMENT OF BULKHEAD RING FROM
S 37 TO S 40 MATCHES SEGMENT ATTACHED
TO F/S ABOVE S 37.

• INNER LONGERON FTG @ S 38 TOP TENSION BOLT
PULLED THRU STUB, BOTTOM BOLT GONE.

REFER METALLURGY GROUP NOTES

Tom Tolson
FAA 10-9-96
CP 7/22 Sam P-11-96



Barry Smith
8/23/96

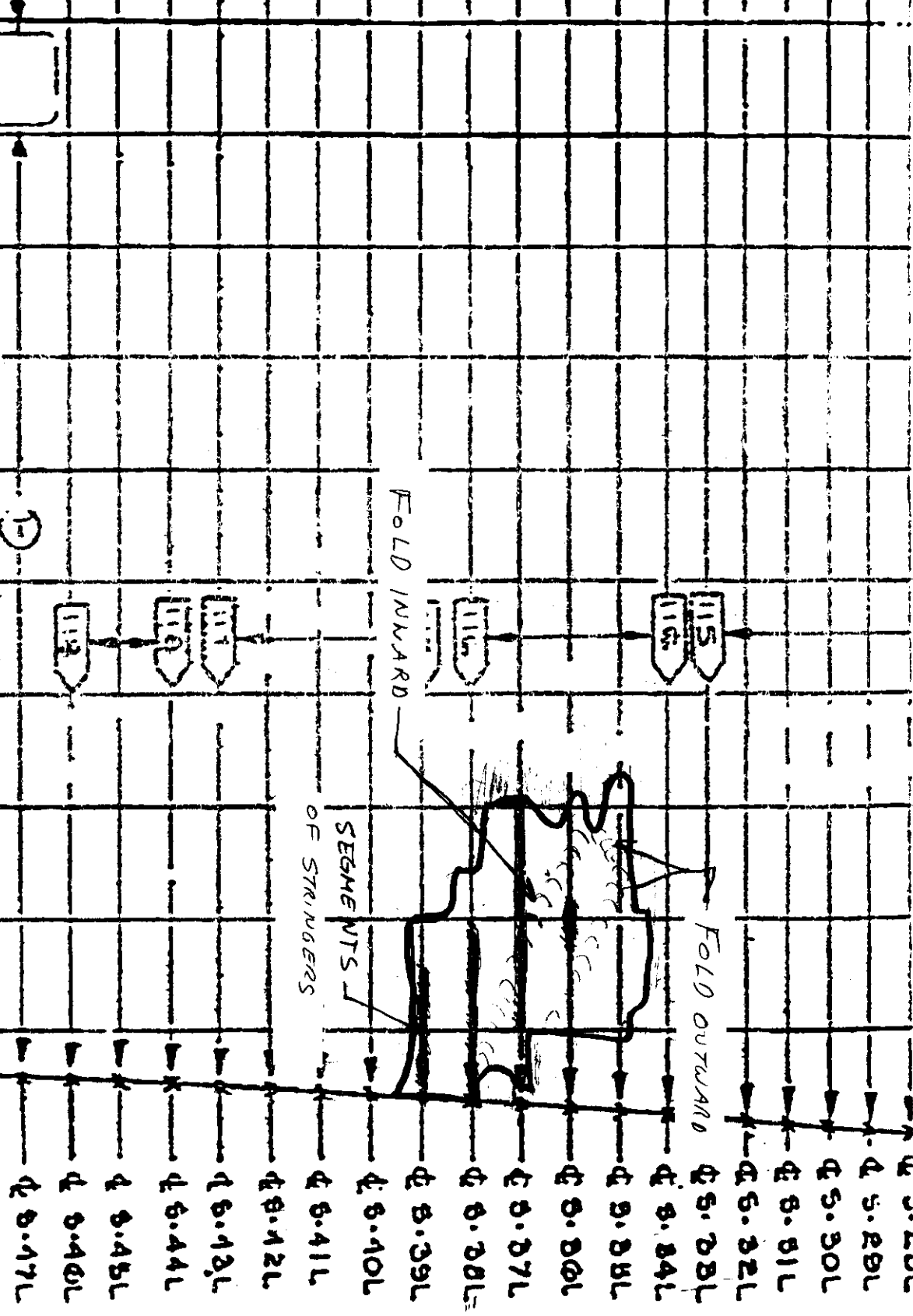
Bruce Anderson TWA 10/13/96

2/4/5

2

LF51

EXTERNAL LONGERON FT6

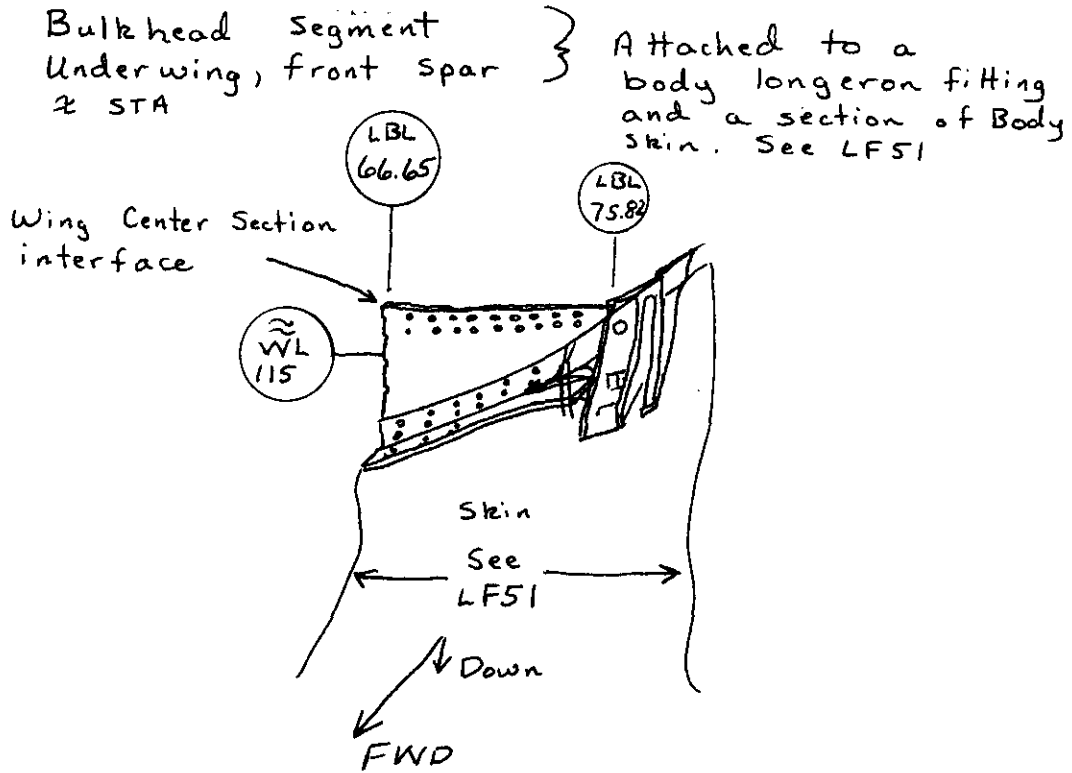


920 940 960 980

SIA
810.00

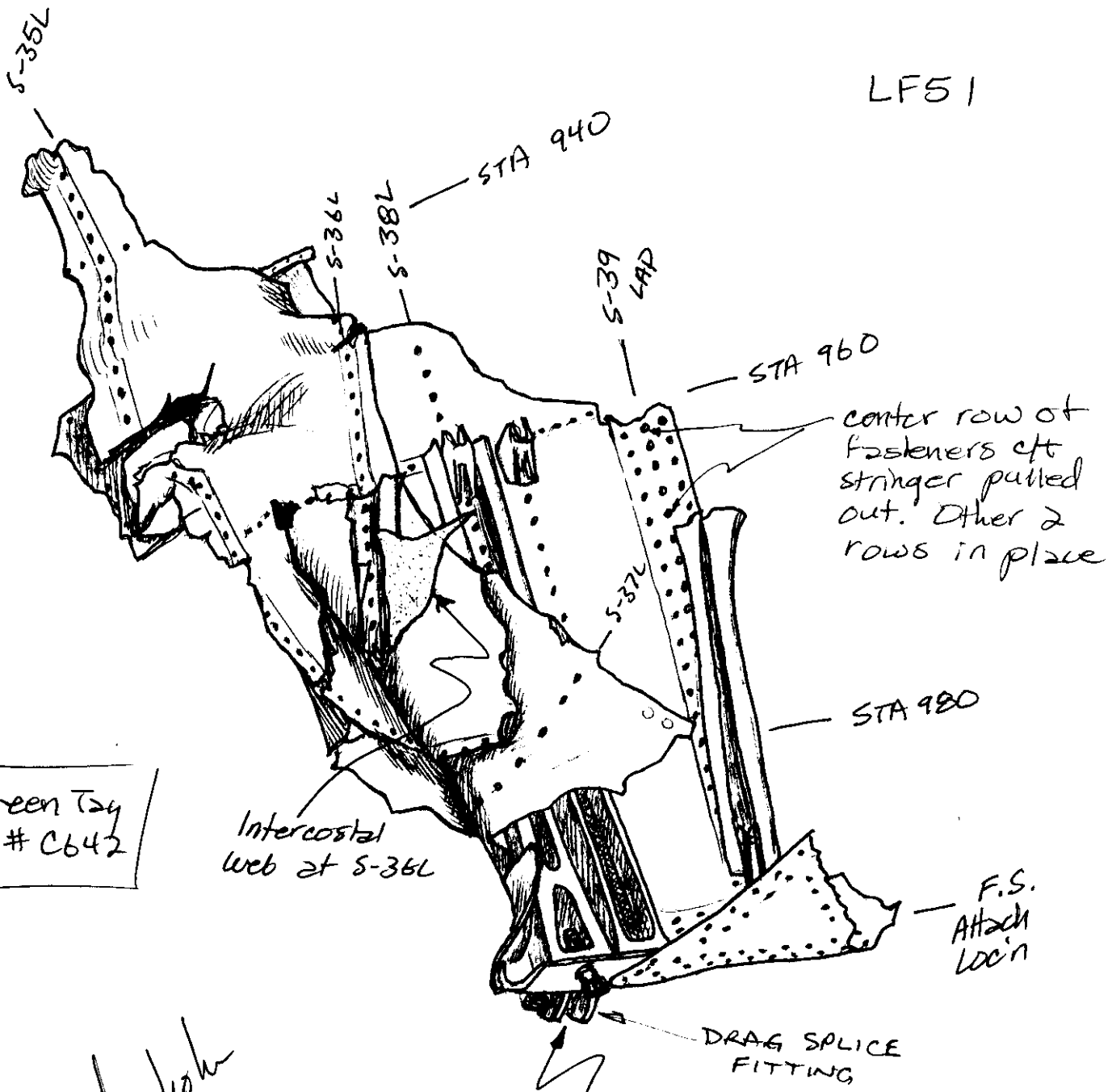
FRONT
SPAR

LF ~~51~~⁵¹
Also shown on LF 51
Green source tag C642



- Lite soot both sides
- No evidence of fatigue failure

LF51



Green Tag # C642

Intercostal web at S-36L

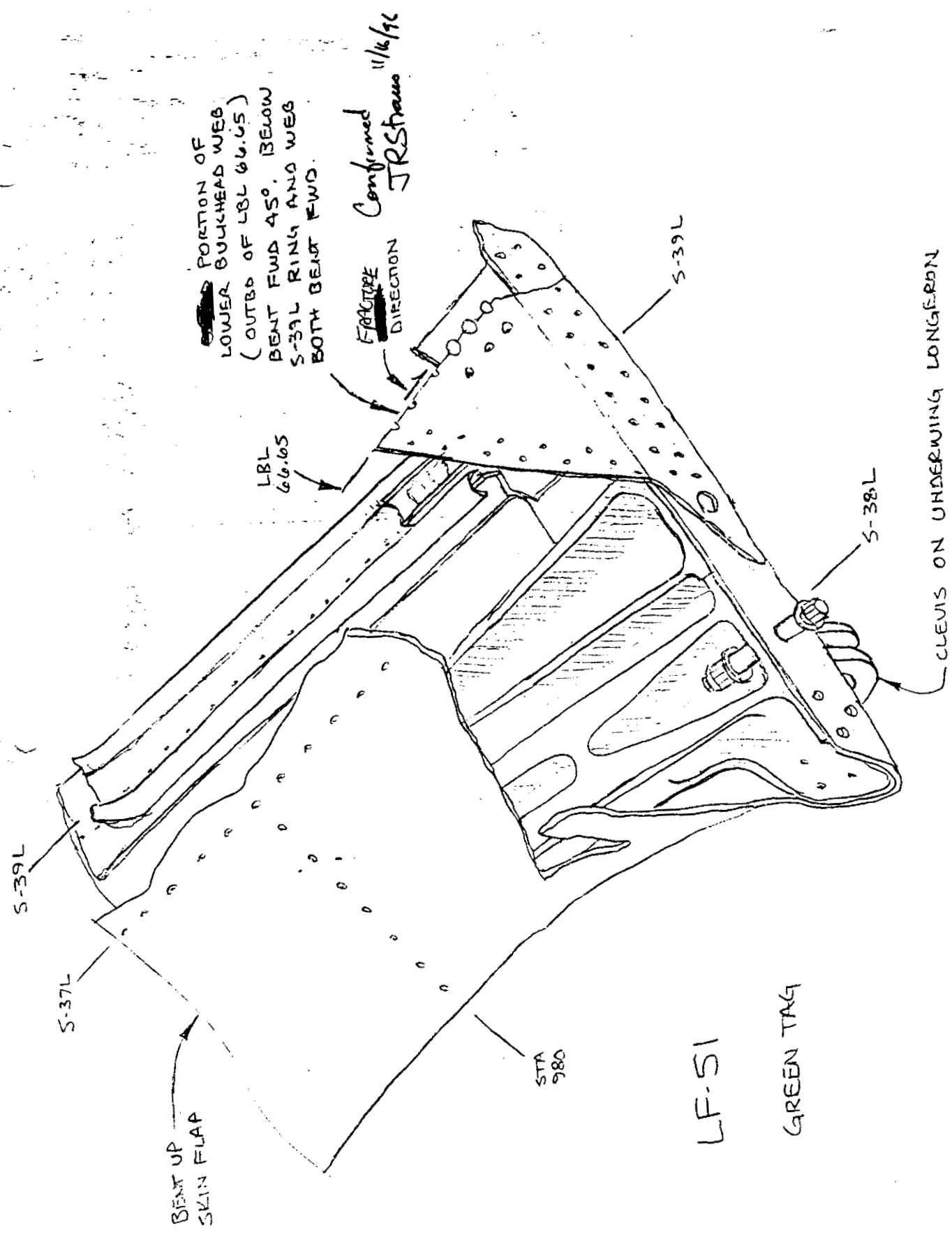
center row of fasteners of stringer pulled out. Other 2 rows in place

F.S. Attach Loc'n

DRAG SPLICE FITTING

Lug Fractured through at first fastener common to clevis

S. Churkova
8/23/96



LF-51
GREEN TAG

W. Stewart 1/15/94