

LOG # RF-14

143
4-30-96

TARGET # _____

COORD: LAT _____

LONG _____

STA 1120-1060 RHS DEBRIS FIELD GREEN

STR 19R-24R

TAG# C-157

SEE ATTACHED

SKETCH & NOTES

REFER FIRE AND EXPLOSION GROUP NOTES FOR FIRE DAMAGE

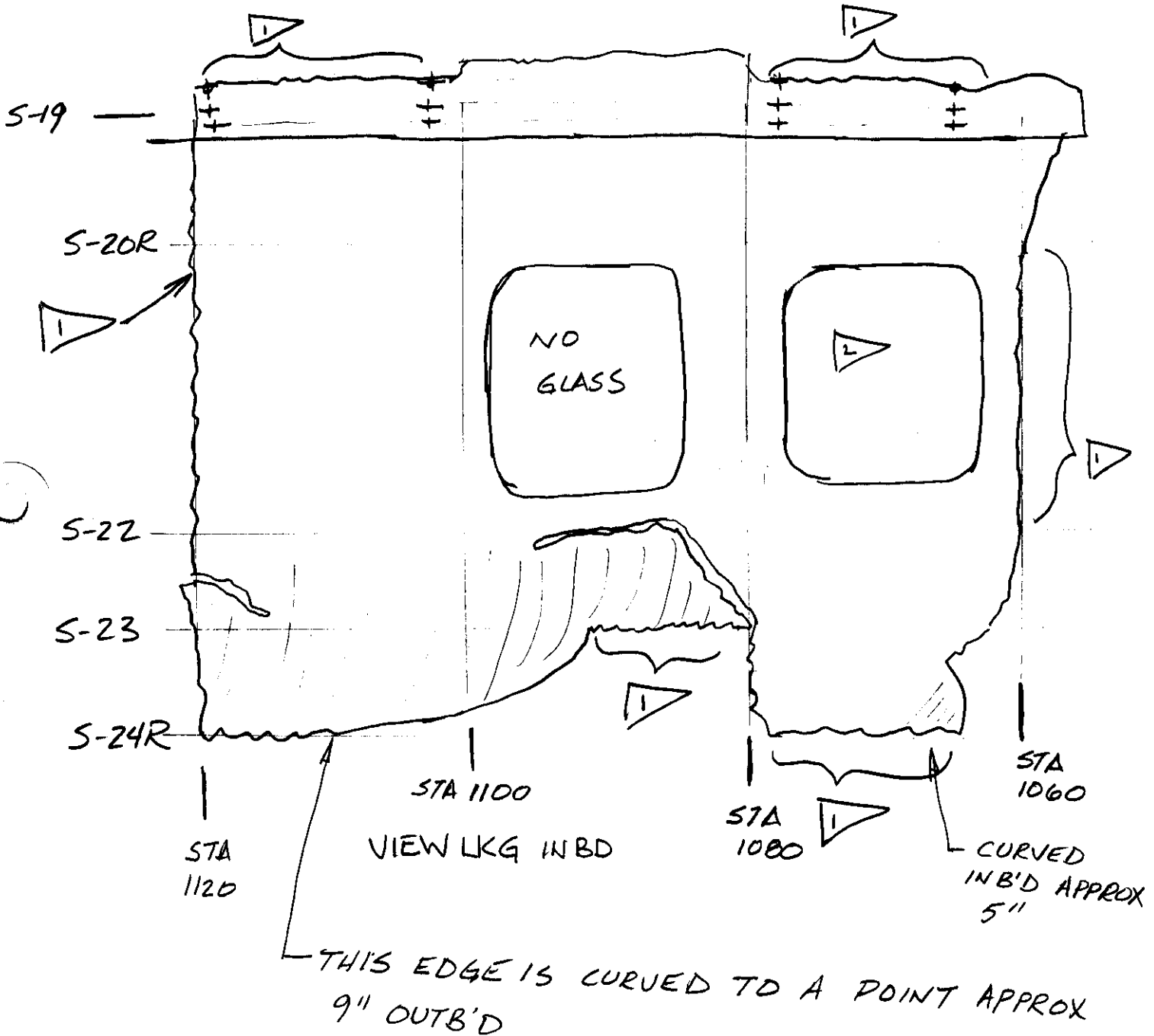
Shanderhuden TWA 10/11/96
Dennis Santiago IAM 10/11/96
Tom Todino
FAA 10-11-96
Jim Powers Boeing 11-10-96

RF-14

GREEN DEBRIS FIELD TAG# C-157

SKIN SEGMENT SEC'N 44

STA 1120 - 1060, STR 19R - 24R

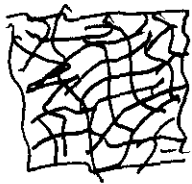


1 NET AREA FAILURE
ALONG 'RIVET LINE'

RF-14

SKIN SEGMENT STA 1120 - 1060, STR 19R - 24R

▷ WINDOW GLASS HEAVILY DAMAGED, LOOKS LIKE ALLIGATOR SKIN / DRIED MUD / CRACKLED



TYPICAL DAMAGE THRU OUT WINDOW GROVES ARE APPROX .020 IN DEEP

NOTES,

HEAVY SMOKE / SOOT / DAMAGE ON FULL EXTERIOR OF PART

- INTERIOR OF PART LOOKS LESS DAMAGED THAN EXTERIOR
- FROM 5-21 & ABOVE LOOKS DIRTIER THAN SHOULD BE EXPECTED - SIGNS OF SOOT
- INTERIOR OF WINDOW w/ GLASS HAS ONLY SOOT ON IT AND NO SIGNS OF CRACKLING
- STR'S 19, 20 & 22 ARE FAIRLY INTACT
- WINDOW DOUBLER TORN BTWN STA 1080 & 1100, JUST BELOW STR 22
- ALL SHEAR TIES FAILED EXCEPT AT STR 19-20, STA 1100, 1120 FAILURE MODE WAS EITHER BENDING AROUND SKIN ATTACH FASTENERS OR NET AREA OR COMINATION
- SHEAR TIE TO FRAME FASTENERS FAILED IN SHEAR AT STR 19-20, STA 1100 & 1120