

LOG H-4

SHEET 1 OF 2

PK

TARGET C674 ← TAG#

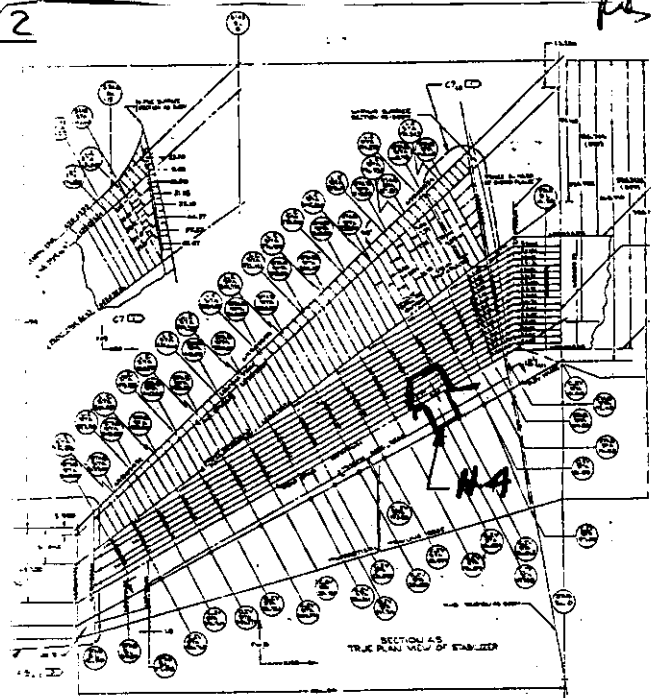
COORD. LAT. _____

LONG. _____

DEBRIS FIELD GREEN

DATE LOC. 8/23/96

NAME: F.E. LIVINGSTON



NOMENCLATURE:

LEFT SIDE HORIZONTAL STABILIZER SECTION, STAB. STA. 198 OUTBD TO STAB. STA. ²⁷¹ 260.

See Additional Information

DESCRIPTION: ~~LEFT SIDE HORIZ. STAB. SECTION, REAR SPAR STAB. STA. 198 OUTBD TO STAB. STA. ²⁷¹ 260, FORE AND AFT DIRECTION ^{15' FROM} ELEV. HINGE LINE FORWARD TO STR. 5L, WIDTH 17' FROM ELEV. STA. 106.862 OUTBD TO ELEV. STA. 131.854.~~

OBSERVATION NOTES:

- a) NO BURN DAMAGE OR SOOTING.
- b) UNSUPPORTED SECTION OF REAR SPAR, STAB. STA. 106.862 EXTENDING 36 INCHES INBD, BENT AFT 20 DEGREES FROM SPAR REFERENCE LINE.

Joseph PFA
10.29.96

W. J. Galt 12-11-96
TWA

Dennis Santiago IAM
10/23/96

Tom Todman
FAA. 12-13-96

Dennis Santiago IAM
12-16-96

R. Hancock 12/13/96
TBC

[Signature] -ALPA
12-13-96

LOG H-4OBSERVATION NOTES: (CONTINUED)

- c) UNSUPPORTED SECTION OF REAR SPAR ⁰⁸¹² elev. ~~STAB~~ STA
131.854 EXTENDING OUTBD 10 INCHES CURLED AFT
45 DEGREES.
- d) ELEVATOR ACTUATOR STILL INSTALLED IN EXISTING
STRUCTURE.
- e) SMALL SECTION OF ELEVATOR ATTACHED TO ACTUATOR AND
HINGES AT ELEVATOR STATIONS 106.86? AND 131.854.
- f) ACTUATOR TORQUE TUBE BENT AFT PARALLEL WITH
REAR SPAR BEND NOTED IN NOTE b).
- g) UPPER STRINGERS 1 THRU 5 FRACTURED CROSS
STRINGER SECTION, LOWER STRINGERS AND SKIN
MISSING.
- ~~h) Damage is due to impact~~ ⁰⁸¹² 12-10-96

Barney E. Livingston TWA 9-29-96
Lou Jellu FAA 10-29-96

H4

Additional Information

About 62 inches long of rear spar remained with a large section of the left horizontal stabilizer (H4). This section is from stab sta 198 to stab sta 271 and comprises of rear spar, a small section of the upper skin and a section of left elevator (LE-1A). The unsupported section of the rear spar(inboard end), elev sta 106.862 extending 36" inboard is bent aft 20 degrees from spar reference line. The unsupported section of the rear spar elev sta 131.854 extending outboard 10" is curled aft 45 degrees. Periphery of part starting at elevator station 131 at hinge^{LINE} moving inboard to elevator station 106.9, forward to rear spar, rear spar is attached inboard to stabilizer station 198, moving forward to stringer one at stabilizer 210, moving outboard to stabilizer station 230, forward to stringer five at stabilizer station 235, outboard to stabilizer station 255, moving aft and outboard to stabilizer station 271 at rear spar, INBD REAR SPAR TO ELEV. STA 131 AFT TO STARTING POINT @ ELEV. STA 131 @ HINGE LINE

R Hanover TBC 12/12/96

~~R Hanover~~ 12-13-96

Dennis Santiago IAM 12-16-96

~~Dennis Santiago~~ 12-16-96 WA

Tom Todd

FMA
1-10-97

Additional Information

271
 About 62" long ^{RAV} aft spar remained with a large section of the left horizontal stabilizer (H4). This section is from stab sta 198 to stab sta 200 and comprises of rear spar, a small section of the upper skin and a section of left elevator (LE-1A). The unsupported section of the rear spar (inboard end), elev sta 106.862 extending 36" inbd is bent aft 20 degrees from spar reference line. The unsupported section of the rear spar elev sta 131.854 extending outboard 10" is curled aft 45 degrees. } - Duplca

Myrtle 12-9-96 TWA

SD GREEN 12-10-96 ALPA

Tom Tedesco FAA - 12-10-96

Dennis Santiago IAH 12/10/96

stab sta 260 271

Description needs work

~~part~~ Perimeter of part,
 starting @ El. Sta 131 @ hinge moving inbd
 to El. Sta 106.9, fwd to Rear spar,

Rear spar ~~is~~ is attached inbd to
 stab sta 198, moving fwd to stab sta

Sta 200 moving outboard to stab station 230

fwd to stringer 5 @ stab sta 235, outboard
 to stab sta 255, moving aft + outboard to (over)