

AFTER IMPACT HEIGHT OF TREE
Measured in Feet from ground

A = 48.3	M = 32.3	X = 26.9	JJ = 11.6
B = 40.6	N = 45.9	Y = 15.1	KK = 10.2
C = 38.3	O = 30.7	Z = 37.5	LL = 10.0
D = 40.5	P = 34.6	AA = 23.7	MM = 20.9
E = 45.7	Q = 24.8	BB = 14.5	NN = 0.5
F = 47.2	R = 24.2	CC = 9.2	OO = 24.8
G = 40.1	S = 44.8	DD = 38.3	PP = 35.0
H = 39.4	T = 23.1	EE = 37.3	QQ = 7.9
J = 43.8	U = 21.9	FF = 22.3	RR = 23.3
K = 30.8	V = 44.5	GG = 13.0	SS = 43.5
L = 34.7	W = 37.5	HH = 5.3	TT = 31.7
			UU = 41.4

POINT TO POINT DISTANCES
Distance in Feet

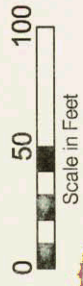
A - RP = 3,650
1 - RP = 3,379
3 - RP = 3,340
5 - RP = 3,253
10 - RP = 3,093
15 - RP = 2,971
38 - RP = 2,698
40 - RP = 2,820
45 - RP = 2,609
55 - RP = 2,531
TT - RP = 2,520
63 - RP = 2,405
70 - RP = 2,356
105 - RP = 1,900
117a - RP = 1,751
127 - RP = 2,450
129 - RP = 1,249
PLANE - RP = 1,556

RP = SW CORNER OF RUNWAY

Federal Express Flight 1478

Tallahassee, Florida

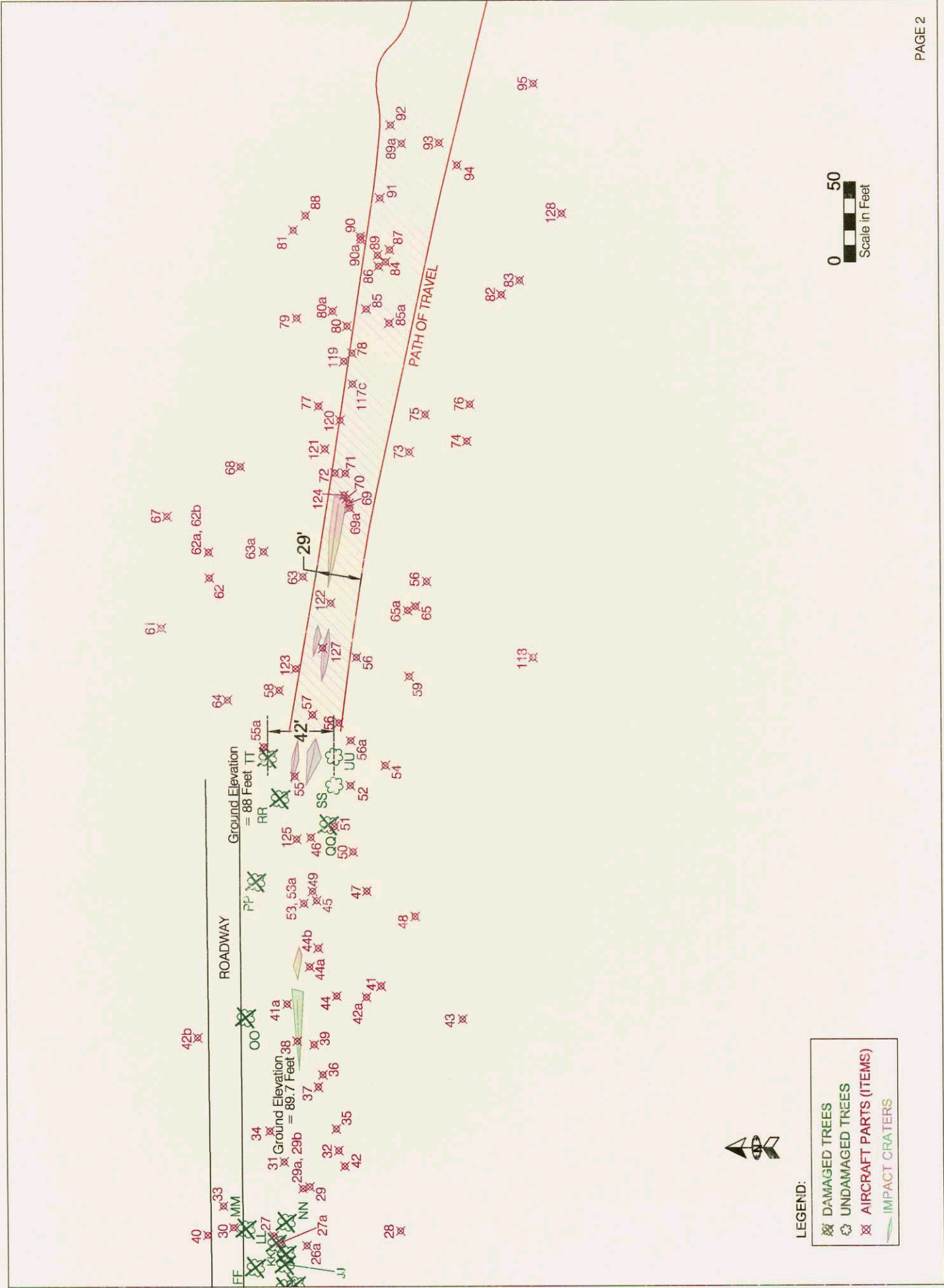
July 26, 2002



Federal Bureau of Investigation
Evidence Response Team

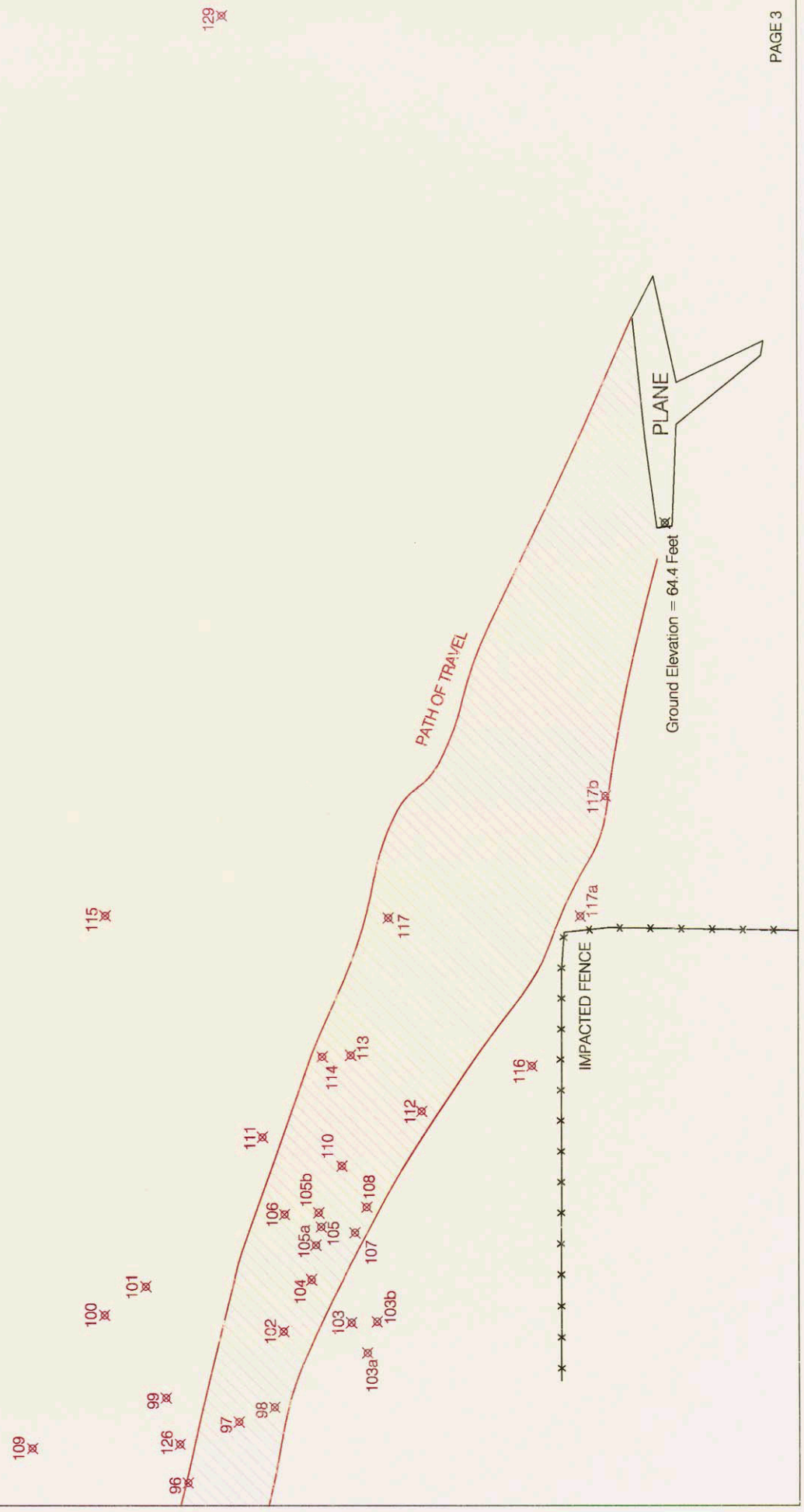
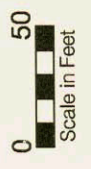
LEGEND:

- DAMAGED TREES
- UNDAMAGED TREES
- AIRCRAFT PARTS (ITEMS)
- IMPACT CRATERS



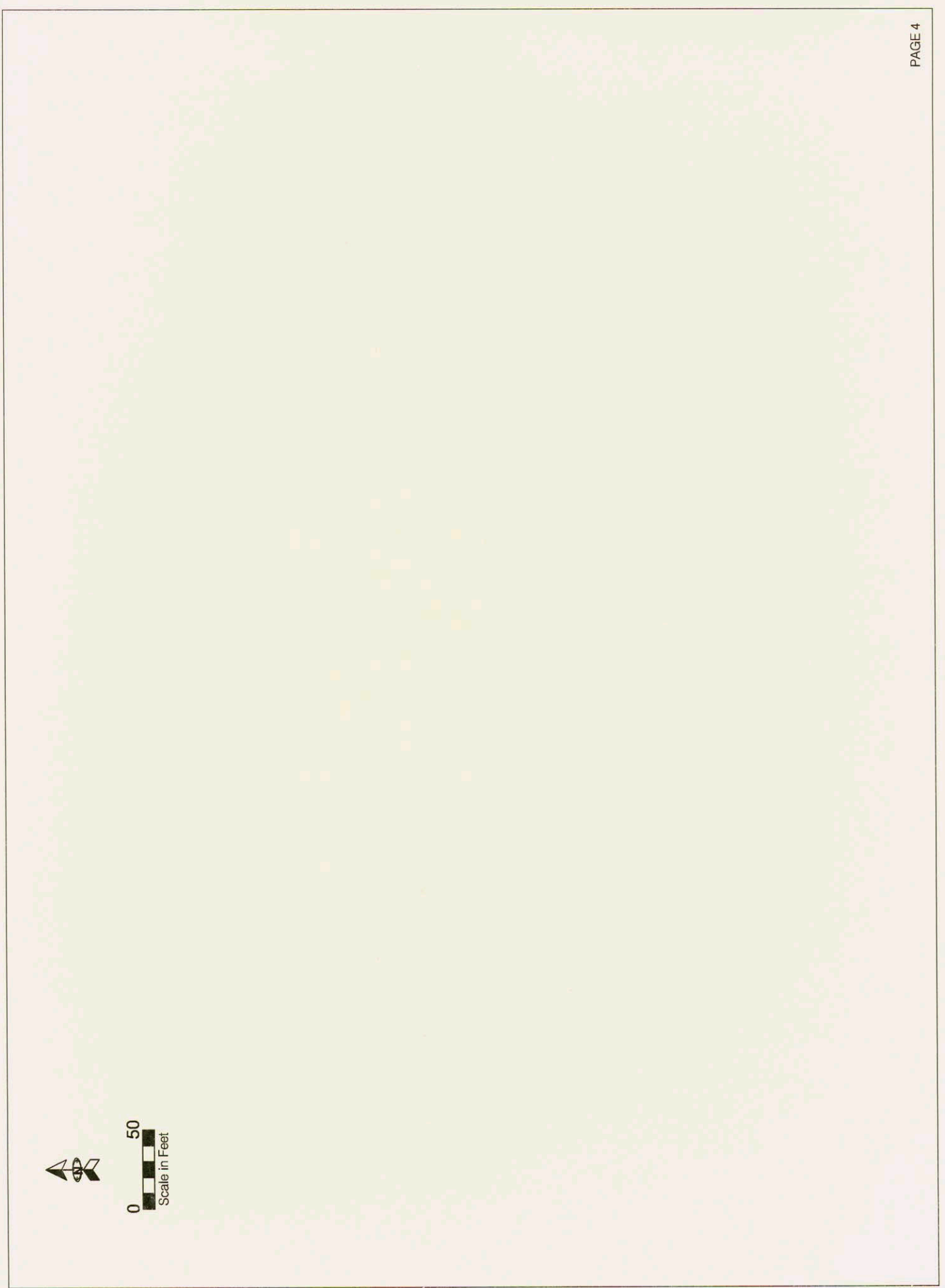
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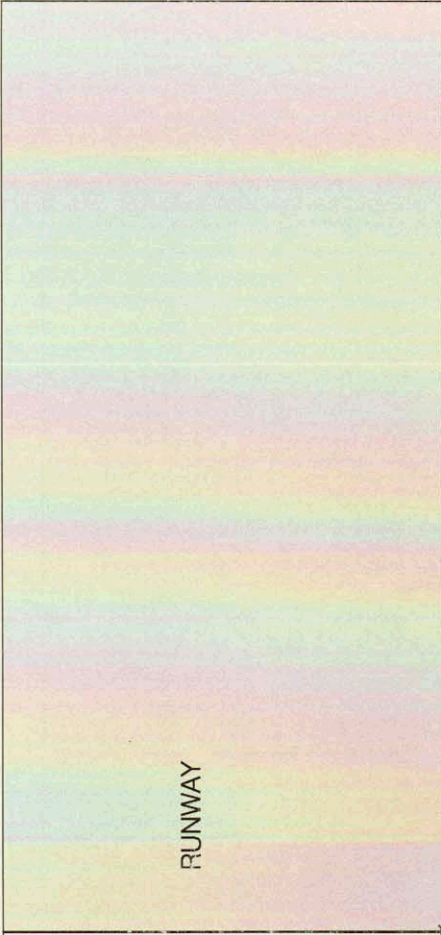
- DAMAGED TREES
- UNDAMAGED TREES
- AIRCRAFT PARTS (ITEMS)
- IMPACT CRATERS





0 50
Scale in Feet





RP
Ground Elevation = 59.9 Feet

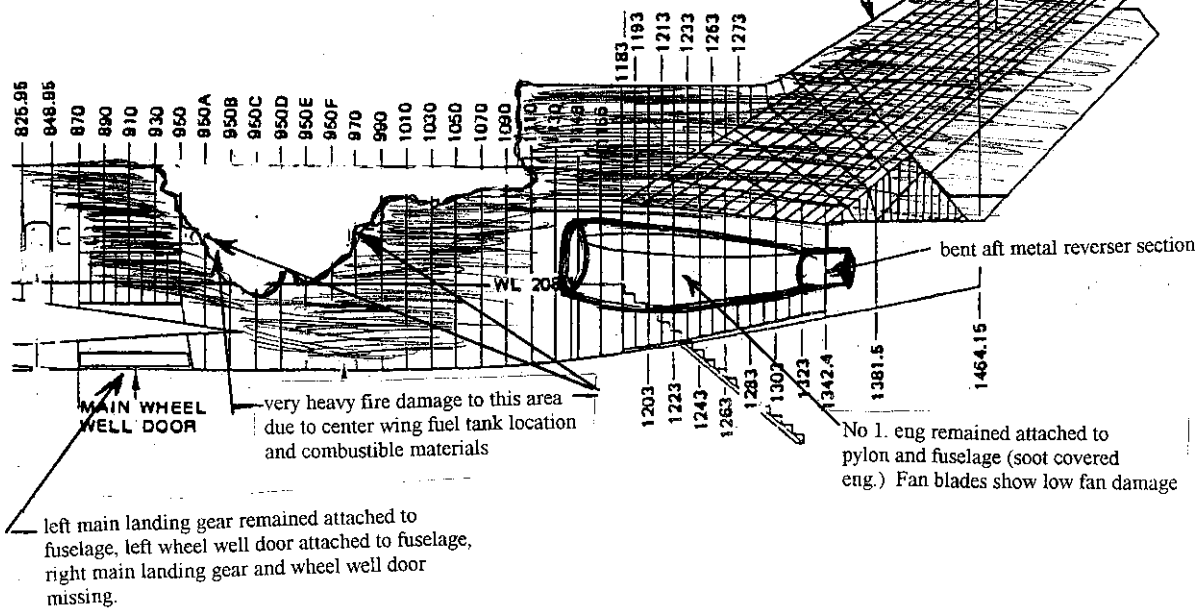
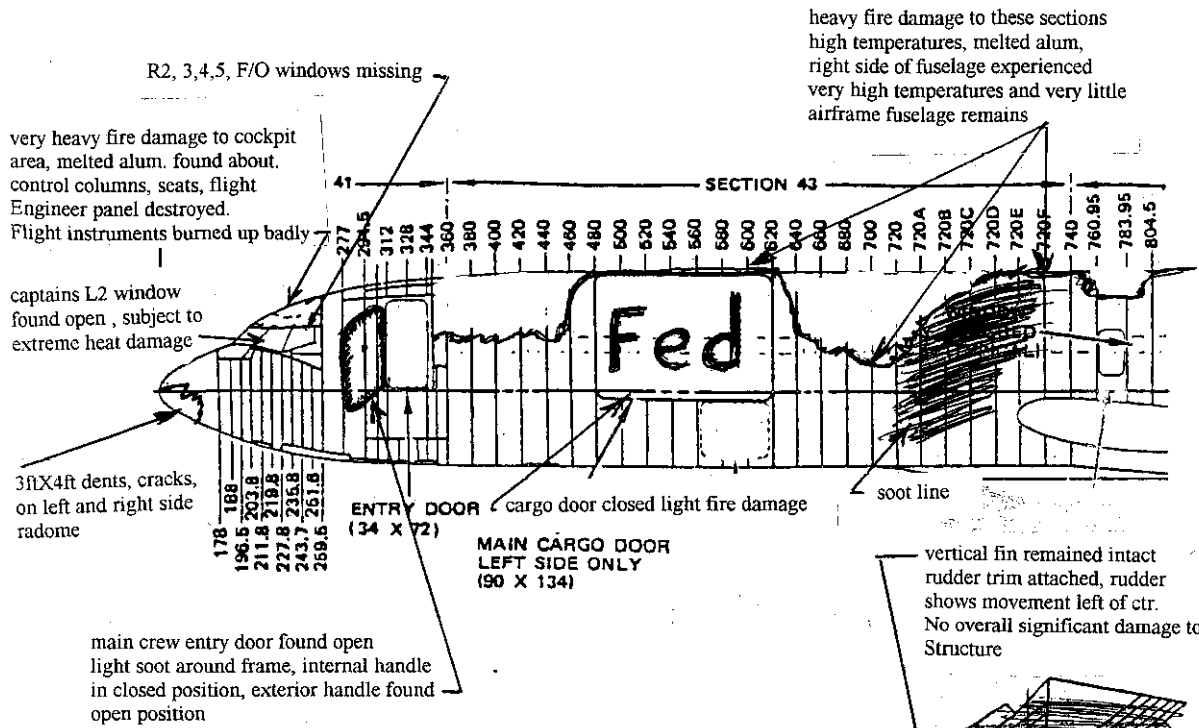


0 50
Scale in Feet

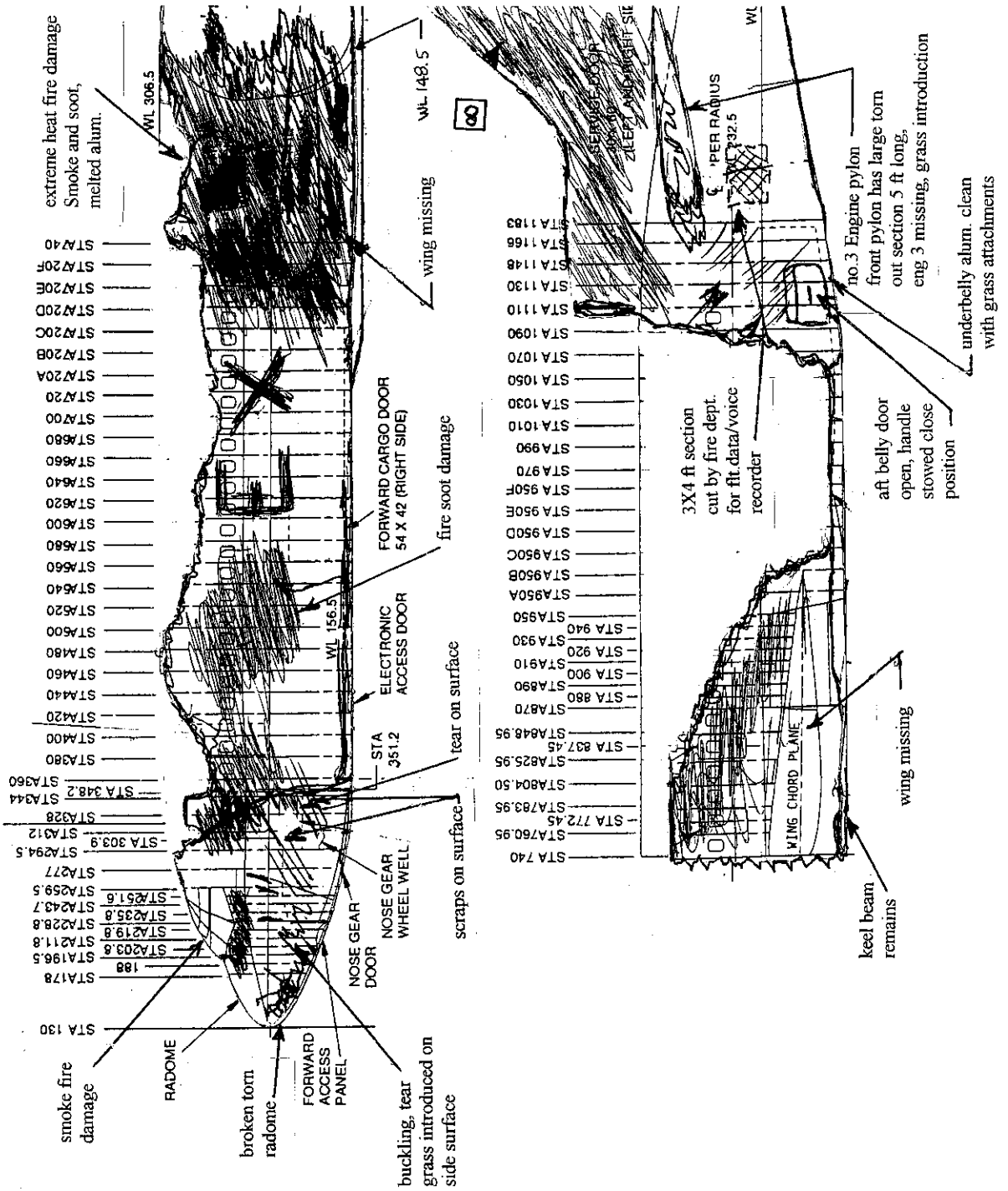
INDEX FOR WRECKAGE DISTRIBUTION DIAGRAM

Item #	Description	# of Parts
1	Piece of Leading Edge Flap	1
2	Outboard Flap Ferring	1
3	Righthand Outboard Trailing Edge Flap	1
4	Outboard Trailing Edge Fore Flap	1
5	Leading Edge Slat Anti-ice Duct	1
5A	Miscellaneous Leading Edge Flap	2
6	Part of the Leading Edge Slat	1
7	Flap Track Carriage	1
8	Closure Panel	2
9	Miscellaneous Wing Parts	3
10	Leading Edge Wing	1
11	Leading Edge Slat	3
12	Wing Fuel Panel	3
13	Outboard Trailing Edge Flap	1
14	Slat Panel	8
15	Outboard Trailing Edge Flap	1
16	Hot Air Duct/Leading Edge Slat	3
17	Trim Tab (Aeliron)	1
18	Leading Edge Flap	4
19	Trim Tab	6
20	Trailing Edge Flap (Outboard)	1
20A	Leading Edge Slat	
21	Wing Tip Access Panel	1
22	Leading Edge Actuator	2
23	Trailing Edge Flap	1
24	Right Wing Fuselage Ferring	1
24A	Wing Tip (Right Hand)	
24B	Leading Edge Slat	1
25	Wing Flap	1
26	Leading Edge Flap	2
26A	Mid Leading Edge Flap and Trailing Edge Flap Track (Outboard)	4
26B	Wing Tip	1
27	Right Wing Tip/Fuel Dump Tube	3
27A	Outboard Fore Flap	1
28	Leading Edge Slat	1
29	Leading Edge Slat	1
29A	Slat Track	1
30	Slat Actuator	1
31	Wing Fuel Tank Access	1
32	Inboard Aeliron	2
33	Leading Edge Slat	2
34	Leading Edge Flap Assembly	4
35	Leading Edge Slat	3
36	Trailing Edge Mid Flap and Carriage	1
37	Leading Edge Slat	2
38	Outboard Flap Jack Screw Ferring	1
39	Leading Edge Slat Track	4
40	Wing Tip Light (Strobe)	1
44	Leading Edge Slat	2
44A	Inboard Flaptrack Moveable Ferring	1
44B	Wing Leading Edge	1
45	Righthand Elevator Tip	1
46	Fuel Tank	3
47	Leading Edge Spar Web	2
48	Leading Edge Spar Web	2
49	Righthand Inboard Trailing Edge Flap with Jack Screw	2
50	Leading Edge Slat Track	1
51	Leading Edge Slat and Track	1

52	Leading Edge Fuel Line Plumbing Access Panel	4	
53	Leading Edge Slat	1	
53A	Strobe Light Power Source	1	
54	Fuselage Body Fairing	1	
55	Flap Track Fairing	1	
55A	Outboard Flap Track	1	
56	Wing Trailing Edge Fairing	2	
56A	Defuel Connector Receptical	1	
57	Outboard ?????	?	
58	Landing Gear Strut Door	1	
59	Leading Edge Slat with Fence	1	
60	Spoiler	1	
61	Mid Flap Carriage	1	
62	Outboard Wing Section	1	
62A	Trailing Edge Flap	2	
62B	Leading Edge Slat Fence (Right)	1	
63	Main Landing Gear Strut Door	1	
64	Canoe Boat Trailer Edge Flap Fairing	1	
65	Spoiler	1	
65A	Wing Skin	1	
66	Slat Track	1	
67	Antenna	1	
68	Leading Edge Flap	1	
69	F Cargo Door Latch	1	
69A	Wing Stringer	4	
70	F Fuselage - Skin Aft	1	
71	Right Wheel Well	1	
72	Front Spar Web	1	
73	Wing Access Panel & Fuel Cap	2	
74	Leading Edge Flap (Right Wing)	1	
75	Leading Edge Flap with Actuator (#4)	1	
76	Slat Tracker	1	
77	Brake Lock-up Debooster Valve	1	
78	Mid Flap Inboard	1	
79	Gear Door	1	
80	Flap Tack Screw (#7)	1	
80A	Ground Spoiler	1	
81	Gear Door	1	
82	Rear Well Assembly	1	
83	Wing Rear Spar	1	
84	Door Lock ?????	?	
85	Flap Track & Carriage (Outboard)	2	
85A	Complete Spoiler With Actuator	1	
86	Cargo Door Fuselage Frame	1	
87	Outboard Flap Track	1	
88	Landing Gear Wing Door Part	1	
89	Inboard Aileron	1	
89A	Inboard Aileron (Piece)	2	
90	Cable Assembly Wheel Well on Landing Gear	1	
90A	Leading Edge Flap Actuator	1	
91	Cargo Door Fairing	1	
92	Lead Air Check Valve	1	
93	Spoiler Actuator	1	
94	Inboard Flap Leading Edge	1	
95	Inboard Trailing Edge Flap	1	
96	Rear Spar & Spoiler	1	
97	Rear Spar Station 335 (12 feet long)	1	
98	Wing Upper Skin	1	
99	Nose Landing Gear Outer Cylinder	1	
100	A/C Recirculation Fan	1	
101	De-booster (Hydraulic)	1	
102	A/C Turbine	1	
103	Wing Upper Skin	1	
103A	Righthand Wing #2 Fuel Tank Access (CWT)	1	

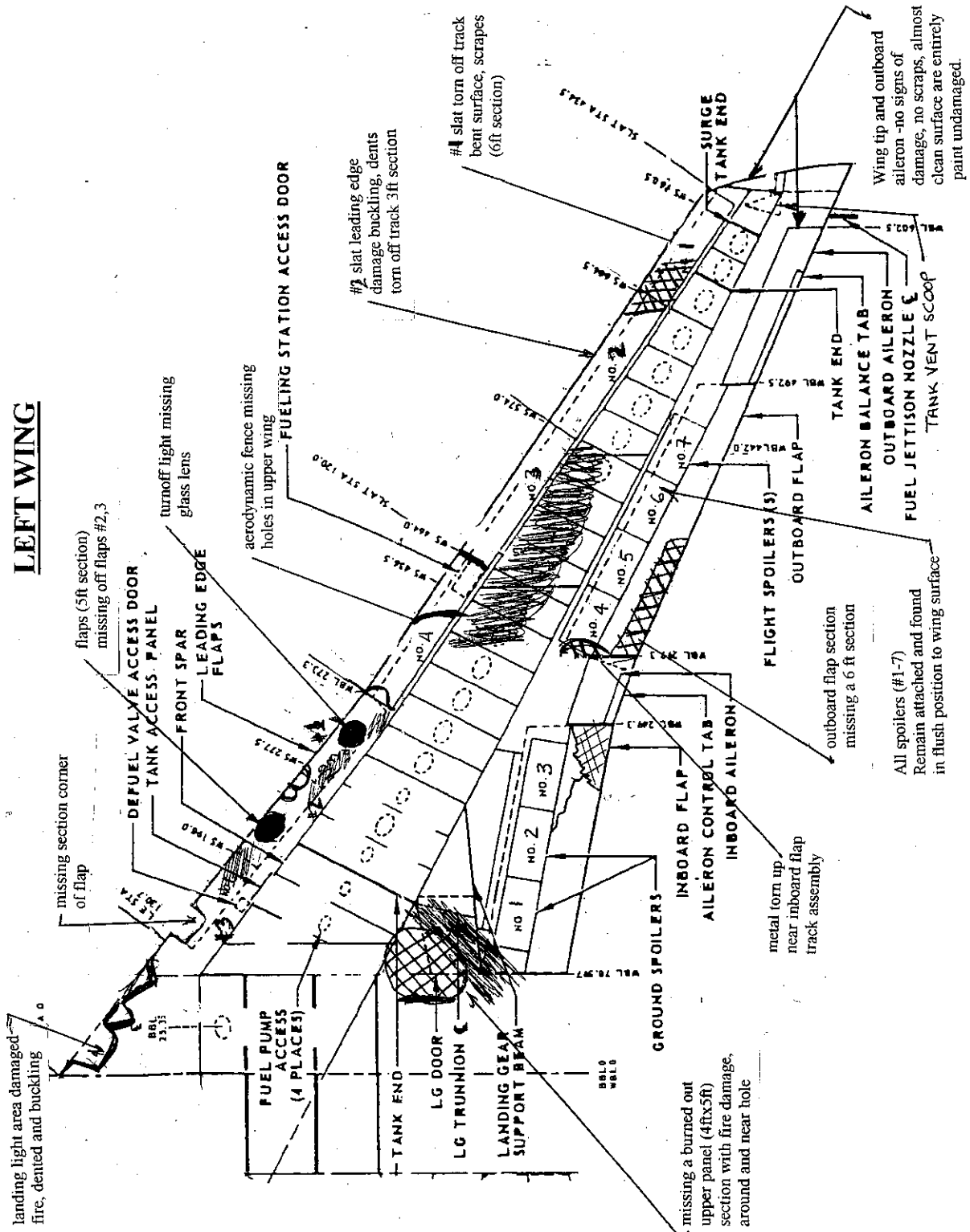


LEFT FUSELAGE



RIGHT FUSELAGE

LEFT WING



landing light area damaged fire, dented and buckling

missing section corner of flap

flaps (5ft section) missing off flaps #2,3

turnoff light missing glass lens

aerodynamic fence missing holes in upper wing

#2 slat leading edge damage buckling, dents torn off track 3ft section

#4 slat torn off track bent surface, scrapes (6ft section)

missing a burned out upper panel (4ftx5ft) section with fire damage around and near hole

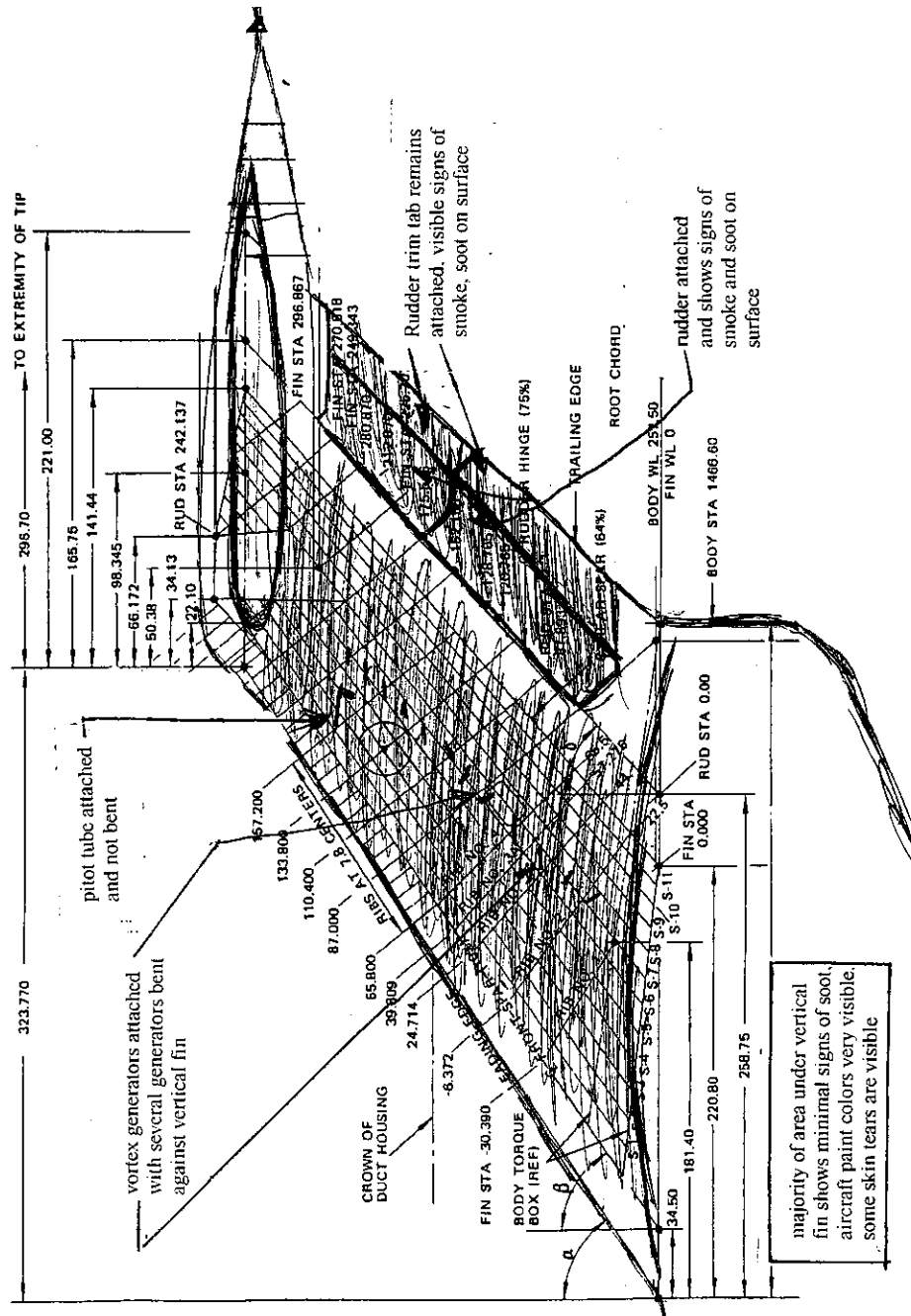
metal torn up near inboard flap track assembly

outboard flap section missing a 6 ft section

All spoilers (#1-7) Remain attached and found in flush position to wing surface

Wing tip and outboard aileron -no signs of damage, no scrapes, almost clean surface are entirely paint undamaged.

RIGHT SIDE OF EMPENNAGE



LEFT STABILIZER

