

**NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

February 1, 2012

**Addendum to Group Chairman's Factual Report**

**STRUCTURES**

**DCA11PA075**

**Addendum 2**

**Wreckage Distribution Diagram**

Number	Wreckage Description	Latitude (degrees)	Longitude (degrees)
1	Begin Debris Field (Engine #2 Pylon Structure) <sup>1</sup>	34.115137	-119.126453
2	Engine #2 Pylon Structure	34.115106	-119.126648
3	Fastener	34.115098	-119.126683
4	Fastener	34.115074	-119.126673
5	Cowling Structure	34.114688	-119.126621
6	Initial Ground Scar	34.114674	-119.126825
7	Cowling Structure	34.114646	-119.126828
8	Cowling Structure	34.114645	-119.126679
9	Fairing Fastener Airloc 270	34.11462	-119.127098
10	Cowling Latch	34.114605	-119.126582
11	Cowling Structure	34.114587	-119.126574
12	Cowling Structure	34.114554	-119.126495
13	Engine #1 Core Cowl	34.114543	-119.126506
14	Honey Comb Material	34.114522	-119.126702
15	Duct Clamp	34.114501	-119.126752
16	Unidentified Structure	34.114482	-119.126823
17	Ground Scar	34.114428	-119.126943
18	Unidentified Structure	34.114349	-119.127017
19	Engine #2 Ground Scar	34.11414	-119.127579
20	Engine #2 Ground Scar	34.114102	-119.12759
21	Unidentified Runway Mark A	34.114025	-119.127727
22	Engine #1 Inlet Cowl	34.113946	-119.127113
23	Engine #1 Nose Cone	34.113897	-119.126486
24	Unidentified Runway Mark B	34.113787	-119.127987
25	Engine Turbine Parts	34.11346	-119.128392
26	Begin Tire Marks - Wheels 3 & 4	34.11335	-119.128593
27	Begin Tire Marks - Wheels 5 & 6	34.113037	-119.128876
28	Begin Tire Marks - Wheels 7 & 8	34.112867	-119.129104
29	Engine #2	34.112749	-119.129189
30	Begin Wheel Marks - Wheels 9 & 10	34.11273	-119.129242
31	Departure from Runway	34.11248	-119.12943
32	Entry onto Taxi A1	34.111885	-119.129992
33	Departure from Paved Surface	34.111546	-119.130281
34	Initial Nose Gear Tire Marks	34.11134	-119.130479
35	Nose Gear Marks Terminate	34.110909	-119.130864
36	Nose Gear Tire Marks	34.1105	-119.131266
37	Truck Beam Shield	34.110352	-119.131373

<sup>1</sup> Reference Materials Laboratory Report No. 11-098 figures 1, 8, 9 and Powerplants Group Chairman's Factual Report figure 13(a).

Number	Wreckage Description	Latitude (degrees)	Longitude (degrees)
38	Left Main Gear Marks	34.11029	-119.131362
39	Right Main Gear Marks	34.110197	-119.131549
40	Nose Gear Marks Converges with RMLG Gear Marks	34.110056	-119.131669
41	Leading Edge Structure	34.109968	-119.131686
42	Engine #1 Ground Scar	34.109824	-119.131628
43	Hush Kit Straps (2)	34.109804	-119.131654
44	Landing Gear Trunnion Bearing	34.109803	-119.131811
45	Generator V Clamp	34.109791	-119.131676
46	Nose Gear Strut Structure	34.109767	-119.131864
47	Forward Thrust Reverser Track	34.109757	-119.131707
48	Thrust Reverser Actuator	34.109677	-119.131812
49	Cowling Structure	34.109657	-119.131754
50	Thrust Reverser Rail	34.109471	-119.132119
51	C1/C2 Airfoil & Core Cowl Structure	34.109386	-119.132142
52	C1/C2 & Nose Cowl Structure	34.109347	-119.132136
53	Burned Grass Area	34.10924	-119.132192
54	Deep Ground Scar	34.109179	-119.13219
55	Core Cowl Door/Firewall	34.109145	-119.132274
56	Left Trailing Edge Flap Wedge	34.109129	-119.132302
57	Gearbox Structure, Gearshaft & Roller Bearing	34.109083	-119.132414
58	Thrust Reverser Structure	34.10908	-119.132439
59	Thrust Reverser Structure	34.109004	-119.132494
60	Pylon #1	34.108999	-119.132441
61	Core Cowl Door	34.108959	-119.13192
62	Engine #1 Exhaust Plug	34.108904	-119.132235
63	Turbine Ring/Flange	34.108764	-119.132276
64	FCU SN 38688	34.108754	-119.132849
65	Engine #1	34.108746	-119.132816
66	Engine #1 Pylon Drag Brace	34.108711	-119.132747
67	Engine #1 Oil Tank	34.108697	-119.132854
68	Engine #1 Thrust Reverser Track	34.108651	-119.132287
69	Engine #1 Rear Thrust Reverser Clamshell	34.108603	-119.132567
70	Pylon Fairing	34.108595	-119.132858
71	Entry onto Taxi A	34.108568	-119.133003
72	CSD	34.108209	-119.133656
73	Pylon to Wing Fuse Pin	34.108029	-119.133454
74	Left Main Landing Gear Structure	34.107213	-119.134208
75	Outboard Section of Left Wing	34.107193	-119.134209

Number	Wreckage Description	Latitude (degrees)	Longitude (degrees)
76	Engine #4 & Pylon	34.107055	-119.134781
77	Engine #4 Inlet Cowl	34.107028	-119.135286
78	Left Main Landing Gear Structure	34.106702	-119.134705
79	N707AR Main Wreckage	34.10644522	119.1349386