



RADAR DATA FILE INFORMATION

The following radar data files, which were supplied to the NTSB IIC by Cirrus Aircraft, were obtained from the Federal Aviation Administration through the Freedom of Information Act for the following facilities:

1. Seattle ARTCC
2. Eugene TRACON

The data files revealed the following:

The radar data extractions from the Eugene TRACON and the Seattle ARTCC were analyzed and found to be consistent. The data from the Seattle ARTCC was more complete than that of the Eugene TRACON and was used as the basis of this report.

N6083D was first picked up by the Seattle ARTCC radar system using transponder code 1200 at 1730:55 UTC, 0.6 of a nautical mile northwest of the departure end of runway 32 at the Crater Lake Klamath Regional airport (KLMT), climbing through 4,800 feet MSL.

At 1731:43 UTC, N6083D had turned to an approximate heading of 256°. At this time N6083D was climbing through 5,200 feet.

At 1733:07 UTC, N6083D stopped climbing at 6,300 feet approximately five nautical miles west of KLMT. The average rate of climb from 4,800 to 6,300 feet was 682 feet per minute at an average ground speed of 114 knots.

At 1734:18 UTC, N6083D turned right ten degrees to a heading of 266°.

At 1736:53 UTC, N6083D turned right fourteen degrees to a heading of 280°.

At 1739:04 UTC, N6083D started a climb out of 6,200 feet. From 1733:07 to 1739:04 UTC, N6083D flew between 6,200 and 6,400 feet at an average ground speed of 151 knots.

At 1739:52 UTC, N6083D turned left twenty-six degrees to a heading of 254°.

At 1741:52 UTC, N6083D stopped climbing and started a descent and a left turn.

From 1739:04 to 1741:52 UTC, N6083D climbed from 6,200 to 8,700 feet at an average rate of 893 feet per minute and an average ground speed of 111 knots.

From 1741:52 to 1742:16 UTC, N6083D descended from 8,700 to 8,100 feet at an average rate of 1,500 feet per minute and an average ground speed of 118 knots.

From 1742:16 to 1742:28 UTC, N6083D climbed from 8,100 to 9,000 feet at an average rate of 4,500 feet per minute and an average ground speed of 125 knots.

From 1742:28 to 1742:40 UTC, N6083D descended from 9,000 to 7,100 feet at an average rate of 9,500 feet per minute and an average ground speed of 40 knots.

From 1741:52 to 1742:40 UTC, N6083D had turn left approximately 136° at an average rate of 2.8 degrees per second.

The last radar return from N6083D was at 1742:40 UTC, at an altitude of 7,100 feet (1,700 AGL), approximately 638 feet west of the accident site at N42 15 13.00/W122 15 56.53.