



Aviation Investigation Preliminary Report

Location:	Dallas, TX	Accident Number:	CEN23LA014
Date & Time:	October 15, 2022, 14:48 Local	Registration:	N84LT
Aircraft:	DIAMOND AIRCRAFT IND INC DA 62	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

On October 15, 2022, about 1448 central daylight time, a Diamond Aircraft DA62, N84LT, was substantially damaged during a forced landing near Dallas Executive Airport (RBD), Dallas, Texas. The pilot and passenger were not injured. The airplane was operated as a Title 14 Code of Federal Regulations Part 91 personal flight.

A review of air traffic control (ATC) flight track data revealed the airplane departed Winston Field Airport (SNK), Snyder, Texas, about 1332 and climbed to a cruise altitude of 11,500 ft mean sea level (msl). The pilot descended to fly a visual approach to Runway 13 at RBD, lowered the landing gear, and contacted the tower controller for landing clearance.

During the controller’s response, the pilot reported hearing a “pop” and observed the avionics display screens lose power. A few seconds later, he observed both engines had lost power. The pilot executed a forced landing onto an urban road, during which the airplane struck a power line and road sign that resulted in substantial damage to the right wing.

An initial review of the downloaded engine and flight data indicated the airplane lost electrical power to the avionics system and both engines nearly simultaneously, while at 2,000 ft msl and about 5 miles west of RBD.

Initial examination of the airplane revealed incorrect wiring installation and blown inline fuses for the backup electronic control unit (ECU) power system for both engines. The main battery capacitance was tested and found to be low, near 70%. The airplane was retained for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	DIAMOND AIRCRAFT IND INC	Registration:	N84LT
Model/Series:	DA 62	Aircraft Category:	Airplane
Amateur Built:			
Operator:	CCC CORNERSTONE CAPITAL CONSULTING LLC	Operating Certificate(s) Held:	None
Operator Designator Code:			

Meteorological Information and Flight Plan

Conditions at Accident Site:	VMC	Condition of Light:	Day
Observation Facility, Elevation:	KRBD,657 ft msl	Observation Time:	14:53 Local
Distance from Accident Site:	3 Nautical Miles	Temperature/Dew Point:	33°C /18°C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	11 knots / 20 knots, 180°
Lowest Ceiling:	None	Visibility:	10 miles
Altimeter Setting:	29.93 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Snyder, TX (SNK)	Destination:	Dallas, TX (RBD)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	32.706286,-96.925575 (est)

Administrative Information

Investigator In Charge (IIC):	Folkerts, Michael
Additional Participating Persons:	Robert Bennett; Flight Standards District Office; Irving , TX Nora Vallee; Transportation Safety Board of Canada; Gatineau Bernhard Kobylík; Austrian Federal Safety Investigation Authority; Vienna
Investigation Class:	Class 3
Note:	The NTSB did not travel to the scene of this accident.