



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Viborg, SD	Accident Number:	CEN16FA344
Date & Time:	09/02/2016, 1000 CDT	Registration:	N676DT
Aircraft:	AVES DOUGLAS JAMES RV 6	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

On September 2, 2016, about 1000 central daylight time, an experimental amateur-built AVES DOUGLAS JAMES RV-6 airplane, N676DT, impacted a corn field near Viborg, South Dakota. The commercial rated pilot and passenger were fatally injured and the airplane was destroyed. The airplane was registered to and operated by a private individual under the provisions of 14 Code of Federal Regulations Part 91 as a personal flight. Visual meteorological conditions prevailed and no flight plan had been filed. The local flight departed from Marv Skie-Lincoln County Airport (Y14), Tea, South Dakota about 0900.

The airplane was located in a mature corn field about 10 miles west of Viborg. Outside of the main wreckage area there was no noticeable damage to the corn stalks. The cockpit, engine cowling, and a majority of the fuselage were consumed by fire. The wings and empennage were mostly intact and sustained some thermal damage where they connected with the fuselage.

Witnesses near the accident reported hearing the engine "sputtering" and then heard and "thud" and saw a fireball. They did not observe the airplane in the air.

The occupants' family reported that the purpose of the flight was personal and not instructional. The pilot and passenger frequently flew together because the passenger wanted to be a pilot. It was very common for them to take local flights on the weekends.

At 0955, the automated weather observation station at the Chan Gurney Municipal Airport (YKN), Yankton, South Dakota, located 18 miles southeast of the accident site, recorded wind from 150 degrees at 12 knots, 10 miles visibility, clear sky, temperature 66 degrees F, dew point 55 degrees F, altimeter setting 30.17 inches of mercury.

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	AVES DOUGLAS JAMES	Registration:	N676DT
Model/Series:	RV 6	Aircraft Category:	Airplane
Amateur Built:	Yes		
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KYKN, 1180 ft msl	Observation Time:	0955 CDT
Lowest Cloud Condition:	Clear	Conditions at Accident Site:	Visual Conditions
Lowest Ceiling:	None	Temperature/Dew Point:	19° C / 13° C
Wind Speed/Gusts, Direction:	12 knots, 150°	Visibility	10 Miles
Altimeter Setting:	30.17 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	TEA, SD (Y14)	Destination:	TEA, SD (Y14)

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	2 Fatal		

Administrative Information

Investigator In Charge (IIC):	Joshua D Lindberg
Additional Participating Persons:	
Note:	The NTSB traveled to the scene of this accident.