

Aviation Investigation Preliminary Report

Location: Ute, IA Accident Number: CEN22FA347

Date & Time: July 30, 2022, 13:00 Local Registration: N501MW

Aircraft: AIR TRACTOR INC AT-502A Injuries: 1 Fatal

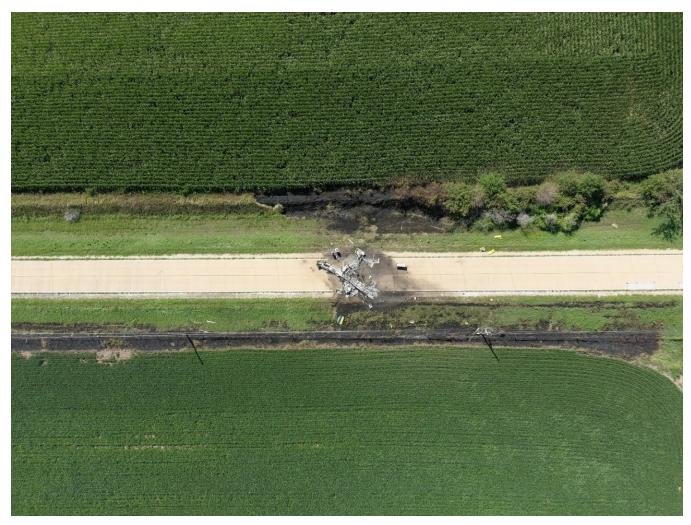
Flight Conducted Under: Part 137: Agricultural

On July 30, 2022, about 1300 central daylight time, an Air Tractor AT-502A airplane, N501MW, was destroyed when was involved in an accident near Ute, Iowa. The pilot was fatally injured. The airplane was operated under the provisions of Title 14 *Code of Federal Regulations* Part 137 as an aerial application flight.

There are no known witnesses to the accident. The airplane wreckage came to rest on a paved road, upright, facing east. The field that the pilot was spraying was to the east of the accident site and was bordered on three sides by power lines. Damaged power lines were located on the western edge of the field. Portions of the left wing were scattered around the powerlines and to the north of the wreckage. The airplane engine was driven near vertical into the edge of a paved road about 7 yards west of the damaged powerlines. A post-impact fire consumed a majority of the left wing, fuselage, and empennage. Evidence of all flight control surfaces were located at the accident site.

The wreckage was documented and released for recovery.

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Accident Site

Aircraft and Owner/Operator Information

Aircraft Make:	AIR TRACTOR INC	Registration:	N501MW
Model/Series:	AT-502A	Aircraft Category:	Airplane
Amateur Built:			
Operator:		Operating Certificate(s) Held:	Agricultural aircraft (137)
Operator Designator Code:			

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Meteorological Information and Flight Plan

Conditions at Accident Site:	VMC	Condition of Light:	Day
Observation Facility, Elevation:	KDNS,1276 ft msl	Observation Time:	12:55 Local
Distance from Accident Site:	15 Nautical Miles	Temperature/Dew Point:	27°C /15°C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	8 knots / 15 knots, 210°
Lowest Ceiling:	None	Visibility:	9 miles
Altimeter Setting:	30.16 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Mapleton, IA (KMEY)	Destination:	Ute, IA

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:		Aircraft Fire:	On-ground
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	42.021303,-95.710542

Administrative Information

Investigator In Charge (IIC):

Aguilera, Jason

Additional Participating Persons:

Michael Newhall; FAA FSDO; Des Moines, IA
Dakota Lowe; Air Tractor

Note:

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