



# Aviation Investigation Final Report

<b>Location:</b>	Truman, Arkansas	<b>Accident Number:</b>	GAA18CA265
<b>Date &amp; Time:</b>	May 4, 2018, 15:20 Local	<b>Registration:</b>	N4170S
<b>Aircraft:</b>	AIR TRACTOR INC AT 802	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Miscellaneous/other	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Analysis

The pilot reported that, during an agricultural application flight, the airplane hit a pole. The pilot added that he subsequently landed in a bean field.

The airplane sustained substantial damage to the fuselage and rudder.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to see and avoid a pole during an agricultural application flight.

## Findings

<b>Personnel issues</b>	Monitoring environment - Pilot
<b>Aircraft</b>	Altitude - Not attained/maintained
<b>Environmental issues</b>	Pole - Effect on operation

## Factual Information

### History of Flight

Maneuvering-low-alt flying	Miscellaneous/other (Defining event)
Maneuvering-low-alt flying	Collision with terr/obj (non-CFIT)
Landing	Off-field or emergency landing

### Pilot Information

Certificate:	Commercial	Age:	65,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Single
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	December 8, 2017
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	December 8, 2017
Flight Time:	(Estimated) 17000 hours (Total, all aircraft), 1600 hours (Total, this make and model), 16940 hours (Pilot In Command, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	AIR TRACTOR INC	Registration:	N4170S
Model/Series:	AT 802 A	Aircraft Category:	Airplane
Year of Manufacture:	2007	Amateur Built:	
Airworthiness Certificate:	Restricted (Special)	Serial Number:	802A-0278
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	March 7, 2018 Unknown	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Turbo prop
Airframe Total Time:	5021.4 Hrs at time of accident	Engine Manufacturer:	P&W
ELT:	Not installed	Engine Model/Series:	PT6A-65AG
Registered Owner:		Rated Power:	
Operator:		Operating Certificate(s) Held:	Agricultural aircraft (137)

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KJBR,262 ft msl	<b>Distance from Accident Site:</b>	16 Nautical Miles
<b>Observation Time:</b>	20:39 Local	<b>Direction from Accident Site:</b>	358°
<b>Lowest Cloud Condition:</b>	Scattered / 2000 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 9000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	12 knots /	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>	230°	<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	30.04 inches Hg	<b>Temperature/Dew Point:</b>	24°C / 22°C
<b>Precipitation and Obscuration:</b>	Light - None - Rain		
<b>Departure Point:</b>	Harrisburg, AR	<b>Type of Flight Plan Filed:</b>	Company VFR
<b>Destination:</b>	Truman, AR	<b>Type of Clearance:</b>	Unknown
<b>Departure Time:</b>		<b>Type of Airspace:</b>	Class G

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	35.570278,-90.636108(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Swenson, Eric
<b>Additional Participating Persons:</b>	Douglas Ragsdale; FAA; Little Rock, AR
<b>Original Publish Date:</b>	October 24, 2018
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=97209">https://data.nts.gov/Docket?ProjectID=97209</a>

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