



National Transportation Safety Board Aviation Accident Factual Report

Location:	MCGEHEE, AR	Accident Number:	FTW94LA256
Date & Time:	08/01/1994, 1900 CDT	Registration:	N45297
Aircraft:	AIR TRACTOR AT-401	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Ferry

On August 1, 1994, at 1900 central daylight time, an Air Tractor AT-401, N45297, was substantially damaged during a forced landing near McGehee, Arkansas. The commercial pilot was not injured. Visual meteorological conditions prevailed for the aerial application flight.

The pilot and operator reported the following information. The flight departed the Weatherly Farm near Kelso, Arkansas, at 1845. The airplane was being ferried to Jerome, Arkansas, for additional aerial application flights. During cruise at 700 feet above the ground, a total mechanical loss of engine power occurred. An emergency descent and approach was made to a cotton turn row. During the landing roll on the rough turn row, the airplane ground looped.

An examination of the engine by the FAA inspector and the operator revealed the engine was mechanically seized. The operator reported a bearing failure in the engine blower section caused the power loss.

Pilot Information

Certificate:	Commercial	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	08/30/1993
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	5000 hours (Total, all aircraft), 1000 hours (Total, this make and model), 4900 hours (Pilot In Command, all aircraft), 300 hours (Last 90 days, all aircraft), 100 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AIR TRACTOR	Registration:	N45297
Model/Series:	AT-401 AT-401	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	401-0760
Landing Gear Type:	Tailwheel	Seats:	
Date/Type of Last Inspection:	100 Hour	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	P&W
ELT:		Engine Model/Series:	R-1340-AN1
Registered Owner:	D & M FARMS FLYING SERVICE	Rated Power:	600 hp
Operator:	EVANS FLYING SERVICE	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	32° C
Precipitation and Obscuration:			
Departure Point:	KELSO, AR (NONE)	Type of Flight Plan Filed:	None
Destination:	JEROME, AR (NONE)	Type of Clearance:	None
Departure Time:	1845 CDT	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	JOYCE M SMITH,
Additional Participating Persons:	EARL D NEWBERRY; LITTLE ROCK, AR
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .