



National Transportation Safety Board Aviation Accident Factual Report

Location:	BROWNFIELD, TX	Accident Number:	FTW96LA374
Date & Time:	09/01/1996, 1145 CDT	Registration:	N1502F
Aircraft:	Air Tractor AT-401	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

On September 1, 1996, at 1145 central daylight time, an Air Tractor AT-401, N1502F, was substantially damaged during landing near Brownfield, Texas. The commercial pilot, the sole occupant of the airplane, was not injured. The airplane was registered to and operated by Foshee Flying Service under Title 14 CFR Part 137. Visual meteorological conditions prevailed for the local aerial application flight which originated from a private Ag-strip approximately 45 minutes before the accident. A flight plan was not filed.

The operator stated, in the NTSB Pilot/Operator Aircraft Accident Report, that during the landing on a private ag-strip, a "slight crosswind" resulted in the airplane diverting into an adjacent cotton field. "The plane was bouncing across soft crop rows for 60 feet to 70 feet until the left landing gear collapsed, at which point the left wing struck the ground and the motor/prop struck the ground subsequently flipping the aircraft completely over."

Pilot Information

Certificate:	Commercial	Age:	58, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	03/28/1996
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	6272 hours (Total, all aircraft), 1600 hours (Total, this make and model), 6000 hours (Pilot In Command, all aircraft), 300 hours (Last 90 days, all aircraft), 200 hours (Last 30 days, all aircraft), 10 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Air Tractor	Registration:	N1502F
Model/Series:	AT-401 AT-401	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	401-0819
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	03/19/1996, Annual	Certified Max Gross Wt.:	7860 lbs
Time Since Last Inspection:	299 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1711 Hours	Engine Manufacturer:	P&W
ELT:	Not installed	Engine Model/Series:	R-1340
Registered Owner:	FOSHEE SPRAYING SERVICE, INC.	Rated Power:	600 hp
Operator:	FOSHEE SPRAYING SERVICE, INC.	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	JLPG

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	10 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots / 15 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	140°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	22° C / 18° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1100 CDT	Type of Airspace:	Class G

Airport Information

Airport:	J&L FARMS (NONE)	Runway Surface Type:	Gravel
Airport Elevation:	3350 ft	Runway Surface Condition:	Dry; Rough
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	4000 ft / 25 ft	VFR Approach/Landing:	Full Stop

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):	JAMES F STRUHSAKER
Additional Participating Persons:	JOHN H BOATRIGHT; LUBBOCK, TX
Investigation Docket:	NTSB accident and incident docket 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/ .