



Aviation Investigation Factual Report

Location:	Friona, Texas	Accident Number:	FTW04CA107
Date & Time:	April 8, 2004, 17:50 Local	Registration:	N2320T
Aircraft:	Ayres S2R-T34	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Factual Information

On April 8, 2004, at 1750 central daylight time, an Ayres SR2-T34 single-engine, tailwheel-equipped agricultural airplane, N2320T, was substantially damaged when it collided with a vehicle following a loss of directional control during landing roll at the Bengier Air Park (X54), near Friona, Texas. The commercial pilot, who was the sole occupant, was not injured. The airplane was registered to and operated by Bengier Aero Spraying Inc., Friona, Texas. Visual meteorological conditions prevailed, and a flight plan was not filed for the 14 Code of the Federal Regulations Part 137 aerial application flight. The local flight originated from X54 at 1700.

The 15,798-hour pilot reported in the Pilot/Operator Aircraft Accident Report (NTSB Form 6120.1/2) that while spraying a field approximately two miles north of the airport, it started to rain. The pilot returned to the airport and landed on runway 22, which is a 3,013 feet long and 60 feet wide asphalt runway. During the landing roll, he moved the propeller condition lever to the BETA position, and subsequently "lost visibility" from water on the windshield. The "wind pushed the airplane off the left side of the runway." As the pilot attempted to go around, the left wing struck a tractor located approximately 40 feet to the left of the runway.

The operator reported that rain and a "strong crosswind" were present at the time of the accident, with "standing water" on the left side of the runway.

Examination of the airplane by a Federal Aviation Administration inspector, who responded to the accident, revealed the left forward wing spar was bent.

Weather at the Clovis Municipal Airport, near Clovis, New Mexico, approximately 23 miles southwest of the accident site, at 1735, reported, wind from 340 degrees at 14 knots, visibility 10 statute miles, few clouds at 4,900, scattered clouds at 7,000, temperature 52 degrees Fahrenheit, dew point 48 degrees Fahrenheit, and an altimeter setting of 29.89 inches of Mercury.

The pilot reported wind from the northwest at 17 knots, with moderate rain at the time of accident.

Pilot Information

Certificate:	Commercial	Age:	59,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	February 5, 2004
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	February 19, 2003
Flight Time:	15798 hours (Total, all aircraft), 2150 hours (Total, this make and model), 50 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Ayres	Registration:	N2320T
Model/Series:	S2R-T34	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Restricted (Special)	Serial Number:	T34-260
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	January 1, 2004 Annual	Certified Max Gross Wt.:	6000 lbs
Time Since Last Inspection:		Engines:	1 Turbo prop
Airframe Total Time:		Engine Manufacturer:	Pratt & Whitney
ELT:	Not installed	Engine Model/Series:	PT6-34
Registered Owner:	Benger Aero Spraying, Inc.	Rated Power:	750 Horsepower
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	BSPG

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	5 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	17 knots / None	Turbulence Type Forecast/Actual:	/
Wind Direction:	290°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	18°C
Precipitation and Obscuration:	Moderate - None - Rain		
Departure Point:	Friona, TX (X54)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	17:00 Local	Type of Airspace:	Class E

Airport Information

Airport:	Benger Airpark X54	Runway Surface Type:	Asphalt
Airport Elevation:	4003 ft msl	Runway Surface Condition:	Wet
Runway Used:	22	IFR Approach:	None
Runway Length/Width:	3013 ft / 60 ft	VFR Approach/Landing:	Full stop;Go around;Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	34.654167,-102.691665

Administrative Information

Investigator In Charge (IIC):	McGill, C Frank
Additional Participating Persons:	William J Fitzgerald; Lubbock Flight Standards District Office; Lubbock, TX
Report Date:	April 26, 2004
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=59026

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