



# Aviation Investigation Factual Report

<b>Location:</b>	ASHDOWN, Arkansas	<b>Accident Number:</b>	FTW93LA213
<b>Date &amp; Time:</b>	July 3, 1993, 09:00 Local	<b>Registration:</b>	N258P
<b>Aircraft:</b>	BEECH 95-B55B	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	5 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Executive/Corporate		

## Factual Information

On Saturday, July 3, 1993, at approximately 0900 central daylight time, a Beech 95 B55B airplane, N258P, was substantially damaged while landing near Ashdown, Arkansas. The commercial pilot and his three passengers were not injured. Visual meteorological conditions prevailed for the executive flight.

According to the operator, the pilot intentionally ground looped the airplane as he approached the fence at the departure end of the grass strip. During the landing roll the pilot reported he experienced minimum braking action; he further stated that the grass airstrip was wet due to an unusually heavy morning dew. During an interview the pilot stated that the side loading imposed by the ground loop collapsed the nose and left main landing gears, resulting in structural damage to the left wing and airframe.

### Pilot Information

<b>Certificate:</b>	Airline transport; Flight instructor	<b>Age:</b>	35, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane multi-engine; Airplane single-engine; Instrument airplane	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--w/ waivers/lim	<b>Last FAA Medical Exam:</b>	August 31, 1992
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1959 hours (Total, all aircraft), 37 hours (Total, this make and model), 1844 hours (Pilot In Command, all aircraft), 160 hours (Last 90 days, all aircraft), 137 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N258P
<b>Model/Series:</b>	95-B55B 95-B55B	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	TC-2414
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	June 4, 1993 Annual	<b>Certified Max Gross Wt.:</b>	5121 lbs
<b>Time Since Last Inspection:</b>	10 Hrs	<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>	990 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-470L
<b>Registered Owner:</b>	PRUET, CHESLEY	<b>Rated Power:</b>	260 Horsepower
<b>Operator:</b>	PRUET, CHESLEY	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	7 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	29°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	EL DORADO (ELD )	<b>Type of Flight Plan Filed:</b>	IFR
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	08:30 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	PRUET RANCH NONE	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	369 ft msl	<b>Runway Surface Condition:</b>	Wet
<b>Runway Used:</b>	9	<b>IFR Approach:</b>	
<b>Runway Length/Width:</b>	2500 ft / 35 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	4 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	5 None	<b>Latitude, Longitude:</b>	33.670455,-94.119537(est)

## Administrative Information

**Investigator In Charge (IIC):** Casanova, Hector

**Additional Participating Persons:** NEAL VINES; LITTLE ROCK , AR

**Report Date:** August 31, 1993

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=18793>

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