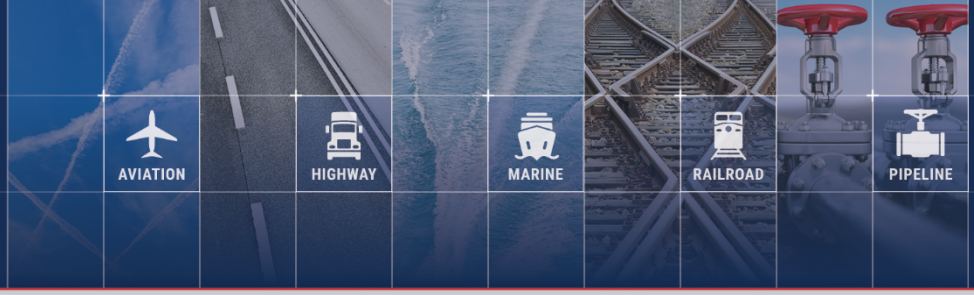

Aviation Investigation Final Report

Location:	TAYLOR, Texas	**Accident Number:**	FTW82DA082
Date & Time:	February 28, 1982, 18:00 Local	**Registration:**	N2361
Aircraft:	STARDUSTER II	**Aircraft Damage:**	Substantial
Defining Event:		**Injuries:**	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

DURING A SLOW ROLL TO THE LEFT, THE AIRCRAFT DEVELOPED A HIGH RATE OF DESCENT. THE ROLL WAS COMPLETED JUST BEFORE GROUND IMPACT WHICH DEMOLISHED THE AIRCRAFT.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING

Findings
1. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND
2. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	**Age:**	35,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Unknown
Other Aircraft Rating(s):		**Restraint Used:**	
Instrument Rating(s):	None	**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:**	April 29, 1981
Occupational Pilot:	UNK	**Last Flight Review or Equivalent:**	
Flight Time:	9380 hours (Total, all aircraft), 120 hours (Total, this make and model), 9200 hours (Pilot In Command, all aircraft), 45 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	STARDUSTER II	**Registration:**	N2361
Model/Series:		**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	Yes
Airworthiness Certificate:		**Serial Number:**	MRD-1
Landing Gear Type:	Tailwheel	**Seats:**	2
Date/Type of Last Inspection:	Unknown	**Certified Max Gross Wt.:**	1100 lbs
Time Since Last Inspection:	0 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	667 Hrs	**Engine Manufacturer:**	LYCOMING
ELT:	Installed	**Engine Model/Series:**	O-360-A4A
Registered Owner:	JIM PRATER	**Rated Power:**	180 Horsepower
Operator:	JIM PRATER	**Operating Certificate(s) Held:**	
Operator Does Business As:		**Operator Designator Code:**	

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**	20 miles
Lowest Ceiling:	Unknown	**Visibility (RVR):**	
Wind Speed/Gusts:	5 knots /	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	90°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:		**Temperature/Dew Point:**	72°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	TAYLOR , TX (T74)	**Type of Flight Plan Filed:**	None
Destination:	TAYLOR , TX (T74)	**Type of Clearance:**	None
Departure Time:	18:10 Local	**Type of Airspace:**	

Airport Information

Airport:	TAYLOR MUNICIPAL T74	**Runway Surface Type:**	Asphalt
Airport Elevation:	0 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	35	**IFR Approach:**	None
Runway Length/Width:	3200 ft / 60 ft	**VFR Approach/Landing:**	None

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:**	30.570423,-97.410514(est)

Administrative Information

Investigator In Charge (IIC):	
Additional Participating Persons:	
Original Publish Date:	February 28, 1983
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=72795