



National Transportation Safety Board Aviation Accident Data Summary

Location:	BRAZORIA, TX	Accident Number:	FTW94LA081
Date & Time:	02/03/1994, 0915 CST	Registration:	N21RC
Aircraft:	CANNON STARDUSTER II	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING INITIAL CLIMB FOLLOWING TAKEOFF, THE ENGINE BEGAN RUNNING ROUGH. THE PILOT CONDUCTED A FORCED LANDING IN AN OPEN FIELD BESIDE THE AIRPORT. THE LANDING WAS HARD AND CAUSED SUBSTANTIAL DAMAGE. INSPECTION REVEALED FUEL TANK SEALANT THROUGHOUT THE FUEL FEED SYSTEM.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S IMPROPER FLARE TECHNIQUE DURING THE FORCED LANDING. A FACTOR WAS THE FUEL CONTAMINATION INDUCED PARTIAL POWER LOSS.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) FUEL SYSTEM - CONTAMINATION

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Findings

2. TERRAIN CONDITION - OPEN FIELD

Occurrence #3: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. (C) FLARE - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	51
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1182 hours (Total, all aircraft), 653 hours (Total, this make and model), 1071 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CANNON	Registration:	N21RC
Model/Series:	STARDUSTER II STARDUSTER	Engines:	1 Reciprocating
Operator:	CISSNA, LAWRENCE E.	Engine Manufacturer:	FRANKLIN
Operating Certificate(s) Held:	None	Engine Model/Series:	6-1002
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GLS, 15 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 10000 ft agl	Wind Speed/Gusts, Direction:	15 knots / , 90°
Temperature:	12° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	NORMAN F WIEMEYER,	Adopted Date:	11/14/1994
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/ .		

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