



National Transportation Safety Board Aviation Accident Data Summary

Location:	ROBINSON, TX	Accident Number:	FTW85LA276
Date & Time:	07/02/1985, 1600 CDT	Registration:	N8995L
Aircraft:	GRUMMAN AA1B	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

SHORTLY AFTER TAKEOFF THE PLT EXPERIENCED A LOSS OF PWR. UNABLE TO GLIDE TO A SUITABLE LANDING AREA, A FORCED LANDING WAS ATTEMPTED IN TALL CORN. THE ACFT NOSED OVER SUSTAINING SUBSTANTIAL DAMAGE. SUBSEQUENT EXAM REVEALED THAT THE CARBURETOR FLOAT HAD BECOME SATURATED WITH FUEL, FLOODING THE ENG.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF
Phase of Operation: CRUISE - NORMAL

Findings

1. FUEL SYSTEM,CARBURETOR - DETERIORATED
2. (C) ACFT/EQUIP,INADEQUATE AIRCRAFT COMPONENT - MANUFACTURER

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

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. (F) TERRAIN CONDITION - HIGH VEGETATION

Occurrence #4: NOSE OVER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	32
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	235 hours (Total, all aircraft), 66 hours (Total, this make and model), 192 hours (Pilot In Command, all aircraft), 12 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N8995L
Model/Series:	AA1B AA1B	Engines:	1 Reciprocating
Operator:	RICHARD C. VAN HORN	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-C2C
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:	ACT, 516 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	14 knots / , 180°
Temperature:	34° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	WACO TSTI, TX (CNW)	Destination:	

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	J DAUGHERTY	Adopted Date:	
Investigation Docket:	NTSB accident and incident dockets 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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