



National Transportation Safety Board Aviation Accident Data Summary

Location:	PARKIN, AR	Accident Number:	FTW94LA042
Date & Time:	12/01/1993, 0901 CST	Registration:	N4582
Aircraft:	GRUMMAN G-164A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Analysis

THE PILOT OF AN AGRICULTURAL AIRPLANE EXPERIENCED A LOSS OF ENGINE POWER WHILE THE AIRPLANE WAS ON INITIAL TAKEOFF CLIMB. THE PILOT STATED THAT DUE TO HIS LOW AIRSPEED AND ALTITUDE, HE ELECTED TO LAND STRAIGHT AHEAD IN AN OPEN WHEAT FIELD. THE AIRPLANE NOSED OVER AS THE MAIN LANDING GEAR TIRES DUG INTO THE SOFT GROUND, AND THE AIRPLANE CAME TO REST IN THE INVERTED POSITION. A DETAILED EXAMINATION OF THE ENGINE AND ITS COMPONENTS FAILED TO PRODUCE ANY MECHANICAL PROBLEM THAT WOULD HAVE PREVENTED NORMAL ENGINE OPERATION.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE TOTAL LOSS OF ENGINE POWER FOR UNDETERMINED REASONS. A FACTOR WAS THE LACK OF SUITABLE TERRAIN AVAILABLE TO THE PILOT FOR THE FORCED LANDING.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED

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

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

Findings

2. TERRAIN CONDITION - SOFT
3. (F) TERRAIN CONDITION - NONE SUITABLE

Pilot Information

Certificate:	Commercial	Age:	46
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	7625 hours (Total, all aircraft), 6000 hours (Total, this make and model), 7500 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N4582
Model/Series:	G-164A G-164A	Engines:	1 Reciprocating
Operator:	SITZ, JAMES A.	Engine Manufacturer:	P&W
Operating Certificate(s) Held:		Engine Model/Series:	R-985-14B
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	JBR, 200 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	3 knots / , 80°
Temperature:	4° C	Visibility	6 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Airport Information

Airport:		Runway Surface Type:	Grass/turf
Runway Used:	9	Runway Surface Condition:	
Runway Length/Width:	1700 ft / 75 ft		

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): HECTOR R CASANOVA

Adopted Date: 08/01/1994

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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