



National Transportation Safety Board Aviation Accident Data Summary

Location:	NEAR MADERA, CA	Accident Number:	LAX83LA172
Date & Time:	04/01/1983, 1100 PST	Registration:	N31184
Aircraft:	Grumman American G164-B	Injuries:	1 Minor
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE ACFT HIT A CHUCK HOLE IN HIGH GRASS DURING TAKEOFF ROLL FROM A FIELD FOR AN AERIAL APPLICATION MISSION. THE LEFT LANDING GEAR SEPARATED FROM THE ACFT. THE WEATHER WAS VMC AND NO FLIGHT PLAN WAS FILED. THE PILOT SUSTAINED MINOR INJURIES. THE FLIGHT WAS ORIGINATING FROM THE FIELD AT THE TIME OF THE ACCIDENT.

Probable Cause

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

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) TERRAIN CONDITION - HIDDEN OBSTRUCTION(S)
2. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
3. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Occurrence #2: MAIN GEAR COLLAPSED
Phase of Operation: TAKEOFF - ROLL/RUN

Pilot Information

Certificate:	Commercial	Age:	42
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	
Flight Time:	7929 hours (Total, all aircraft), 6458 hours (Total, this make and model), 7176 hours (Pilot In Command, all aircraft), 182 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Grumman American	Registration:	N31184
Model/Series:	G164-B G164-B	Engines:	1 Reciprocating
Operator:	RAY POOL	Engine Manufacturer:	P&W
Operating Certificate(s) Held:		Engine Model/Series:	R-985 AN1
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / , 315°
Temperature:	18° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:		Runway Surface Type:	Dirt; Grass/turf
Runway Used:	27	Runway Surface Condition:	Rough
Runway Length/Width:	1800 ft / 20 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	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):	M. W FUNK, II	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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