



National Transportation Safety Board Aviation Accident Data Summary

Location:	BELL CITY, LA	Accident Number:	FTW84LA262
Date & Time:	06/01/1984, 1550 CDT	Registration:	N8661H
Aircraft:	GRUMMAN G-164A	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

A PROPELLER COUNTERWEIGHT BEARING SHAFT FAILED AFTER TAKEOFF AT MAX GROSS WEIGHT. A VIBRATION OCCURRED & THE PLT BEGAN DUMPING HIS LOAD, BUT HE WAS UNABLE TO MAINTAIN ALTITUDE. THE AIRCRAFT LANDED IN SOFT MUD AND NOSED OVER WHEN IT COLLIDED WITH A RICE LEVEE BANK.

Probable Cause

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

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION

Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) PROPELLER SYSTEM/ACCESSORIES,PITCH CHANGE MECH - FAILURE,TOTAL

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Findings

2. LOAD JETTISON - PERFORMED - PILOT IN COMMAND

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - SOFT

4. (F) TERRAIN CONDITION - DIRT BANK/RISING EMBANKMENT

Pilot Information

Certificate:	Commercial	Age:	52
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	12000 hours (Total, all aircraft), 6000 hours (Total, this make and model), 150 hours (Last 90 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N8661H
Model/Series:	G-164A G-164A	Engines:	1 Reciprocating
Operator:	OBRIEN FLYING SERVICE, INC.	Engine Manufacturer:	P&W
Operating Certificate(s) Held:		Engine Model/Series:	R-1340
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:	7 knots / 7 knots, 135°
Temperature:	25°C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	BELL CITY, LA	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):	J O JOHNSON	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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