



National Transportation Safety Board Aviation Accident Data Summary

Location:	PROGRESO, TX	Accident Number:	FTW85LA002
Date & Time:	10/01/1984, 1630 CDT	Registration:	N5255
Aircraft:	GRUMMAN G-164A	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

SHORTLY AFTER TAKEOFF, PLT HEARD EXPLOSIVE REPORT FROM ENGINE AND EXPERIENCED PARTIAL PWR LOSS. PLT ATTEMPTED TO RETURN FOR LANDING BUT COULD NOT MAINTAIN SUFFICIENT ALTITUDE. LOAD NOT JETTISONED. DURING FORCED LANDING ROLL OUT IN CANE FIELD ACFT NOSED OVER. ENGINE TEARDOWN TO DETERMINE REASON FOR PWR LOSS WAS NOT PERFORMED.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - MECH FAILURE/MALF
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Findings

2. (F) LOAD JETTISON - NOT PERFORMED - PILOT IN COMMAND

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - CROP

Pilot Information

Certificate:	Commercial	Age:	31
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2490 hours (Total, all aircraft), 2490 hours (Total, this make and model), 2417 hours (Pilot In Command, all aircraft), 238 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N5255
Model/Series:	G-164A G-164A	Engines:	1 Reciprocating
Operator:	SAM MUSE	Engine Manufacturer:	P&W
Operating Certificate(s) Held:		Engine Model/Series:	R-1340AN1
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:	6 knots / 8 knots, 45°
Temperature:	27° C	Visibility	7 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):	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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