



National Transportation Safety Board Aviation Accident Final Report

Location:	MARICOPA, AZ	Accident Number:	LAX84LA423
Date & Time:	08/01/1984, 0100 MST	Registration:	N6689Q
Aircraft:	GRUMMAN G-164B	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE PLT ADDED FUEL AND CHEMICALS FOR A TOTAL OF ABOUT 230 GALLONS OF CARGO. THE TEMPERATURE WAS 87 DEGREES AND THE ARPT ELEVATION IS 1100 FT. THE DENSITY ALT WAS NOT COMPUTED AND PERFORMANCE NOT ASSESSED. AFTER TAKEOFF IN A CROSSWIND TURN THE ACFT 'QUIT FLYING'. THE PLT SAID HE 'ADDED POWER' AND DUMPED THE LOAD BUT HIT A POWER LINE WITH THE TAILWHEEL. THE ACFT BOUNCED AND NOSED OVER. THE ACTUAL IMPACT WAS ON A DOWNWIND HEADING AS HE WAS TURNING 180 DEGREES TO SPRAY A FIELD JUST ADJACENT TO THE AIRPTRIP. THE PLT MADE NO RECOMMENDATIONS FOR PREVENTION OF FURTHER ACCIDENTS OF THIS TYPE.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - EMERGENCY

Findings

1. (F) OBJECT - WIRE, TRANSMISSION
2. (C) CLEARANCE - NOT ATTAINED - PILOT IN COMMAND
3. (F) WEATHER CONDITION - GUSTS
4. (C) AIRCRAFT WEIGHT AND BALANCE - DISREGARDED - PILOT IN COMMAND
5. (F) AIRCRAFT PERFORMANCE, TAKEOFF CAPABILITY - EXCEEDED
6. (F) LOAD JETTISON - PERFORMED - PILOT IN COMMAND
7. (F) WEATHER CONDITION - TEMPERATURE EXTREMES
8. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND
9. (C) PERFORMANCE DATA - NOT IDENTIFIED - PILOT IN COMMAND
10. (C) THROTTLE/POWER CONTROL - IMPROPER USE OF - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT

Occurrence #3: NOSE OVER
Phase of Operation: OTHER

Factual Information

Pilot Information

Certificate:	Airline Transport	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	12/31/1983
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	10800 hours (Total, all aircraft), 7000 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N6689Q
Model/Series:	G-164B G-164B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	205B
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	06/14/1984, Annual	Certified Max Gross Wt.:	9000 lbs
Time Since Last Inspection:	3650 Hours	Engines:	1 Reciprocating
Airframe Total Time:	6 Hours	Engine Manufacturer:	P&W
ELT:	Not installed	Engine Model/Series:	R985
Registered Owner:	SAN TAN DUSTERS, INC.	Rated Power:	450 hp
Operator:	SAN TAN DUSTERS INC	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0230	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	40 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	31 °C
Precipitation and Obscuration:			
Departure Point:	MARICOPA, AZ (NONE)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0100 MST	Type of Airspace:	Class G

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
Total Injuries:	1 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	MARY J PYATT	Report Date:	
Additional Participating Persons:			
Publish 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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).