



National Transportation Safety Board Aviation Accident Final Report

Location:	BULVERDE, TX	Accident Number:	FTW88LA001
Date & Time:	10/02/1987, 1240 CDT	Registration:	N9231M
Aircraft:	MOONEY M20C	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ON THE SECOND APPROACH AFTER A GO-AROUND, THE AIRCRAFT LANDED APPROXIMATELY HALFWAY DOWN THE 2850 FT RUNWAY. IN AN ATTEMPT TO GO AROUND THE PILOT APPLIED POWER. THE AIRCRAFT STARTED TO CLIMB BUT COLLIDED WITH THE TOP OF A TREE CAUSING THE TAIL OF THE AIRCRAFT TO SWING AROUND TO THE LEFT. THE AIRCRAFT CAME TO REST IN A CREEK.

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: LANDING - ABORTED

Findings

1. (F) OBJECT - TREE(S)
 2. (F) PLANNED APPROACH - IMPROPER - PILOT IN COMMAND
 3. (F) ALL AVAILABLE RUNWAY - NOT USED - PILOT IN COMMAND
 4. (C) GO-AROUND - DELAYED - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. (F) TERRAIN CONDITION - WATER

Factual Information

Pilot Information

Certificate:	Private	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
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--w/ waivers/lim.	Last FAA Medical Exam:	05/22/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	351 hours (Total, all aircraft), 103 hours (Total, this make and model), 203 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MOONEY	Registration:	N9231M
Model/Series:	M20C M20C	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	3441
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	2575 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1085 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed	Engine Model/Series:	O-360-A10
Registered Owner:	GUS LOUIS SCHREINER	Rated Power:	180 hp
Operator:	GUS LOIS SCHRIENER	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	12 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	27° C / 10° C
Precipitation and Obscuration:			
Departure Point:	KERRVILLE, TX (ERV)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1200 CDT	Type of Airspace:	Airport Advisory Area

Airport Information

Airport:	BULVERDE AIRPARK (11XS)	Runway Surface Type:	Asphalt
Airport Elevation:	1080 ft	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	2850 ft / 42 ft	VFR Approach/Landing:	Go Around

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	RALPH L WILSON	Report Date:	05/19/1989
Additional Participating Persons:	GARY WORTHY; SAN ANTONIO, TX		
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 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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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](#).