



National Transportation Safety Board Aviation Accident Final Report

Location:	TELLURIDE, CO	Accident Number:	DEN89LA150
Date & Time:	07/01/1989, 1130 MDT	Registration:	N7385Y
Aircraft:	CESSNA R182	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT RPRTD THAT AS HE WAS LANDING, THE AIRPLANE ENCOUNTERED A STRONG GUST OF WIND WHICH BLEW IT TO THE LEFT SIDE OF THE RWY. DENSITY ALTITUDE AT THE ARPT WAS 11,600 FT. THE PLT ATTEMPTED A GO-AROUND, BUT WAS UNABLE TO GET THE ACFT TO CLEAR OVER TREES. THE ACFT THEN CRASHED TO THE GROUND & CAME TO REST INVERTED WITH ITS TAIL & LEFT WING TORN OFF. THE FIXED BASE OPERATOR AT THE ARPT ESTIMATED THE WIND WAS FROM 240 DEG AT 7 KTS. THE ARPT DIRECTORY RECOMMENDED THAT LANDINGS BE MADE ON RWY 9 & TAKEOFFS BE MADE ON RWY 27 FOR NOISE ABATEMENT REASONS. LOCAL PILOTS RPRTD THAT SUDDEN STRONG GUSTS ARE OFTEN ENCOUNTERED DRG LANDINGS AT THIS ARPT. A PLT, WHO LANDED JUST AFTER THE ACDNT, ALSO ENCOUNTERED UNFAVORABLE WIND NEAR THE APCH END OF RWY 9.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: INADEQUATE COMPENSATION FOR WIND CONDITIONS BY THE PILOT AND HIS FAILURE TO MAINTAIN RUNWAY ALIGNMENT. CONTRIBUTING FACTORS WERE WIND CONDITIONS, HIGH DENSITY ALTITUDE, AND TREES.

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) WEATHER CONDITION - UNFAVORABLE WIND
2. (F) WEATHER CONDITION - TAILWIND
3. (F) WEATHER CONDITION - CROSSWIND
4. (F) WEATHER CONDITION - GUSTS

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: LANDING - ABORTED

Findings

5. GO-AROUND - INITIATED
6. (F) WEATHER CONDITION - HIGH DENSITY ALTITUDE
7. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
8. (F) OBJECT - TREE(S)
9. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Private	Age:	44, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	06/06/1988
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	200 hours (Total, all aircraft), 5 hours (Total, this make and model), 93 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N7385Y
Model/Series:	R182 R182	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	R18200132
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	05/29/1989, Annual	Certified Max Gross Wt.:	3100 lbs
Time Since Last Inspection:	93 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2157 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed	Engine Model/Series:	O-540-J3C5D
Registered Owner:	JULIAN, EVAN R	Rated Power:	235 hp
Operator:	STRINGER, HENRY JERRY	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	50 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	24° C
Precipitation and Obscuration:			
Departure Point:	TUCSON, AZ (TUS)	Type of Flight Plan Filed:	None
Destination:	(TEX)	Type of Clearance:	None
Departure Time:	0830 MDT	Type of Airspace:	Class G

Airport Information

Airport:	TELLURIDE REGIONAL (TEX)	Runway Surface Type:	Asphalt
Airport Elevation:	9086 ft	Runway Surface Condition:	Dry
Runway Used:	9	IFR Approach:	None
Runway Length/Width:	6900 ft / 75 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
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):	ROBERT B COLLINS	Report Date:	04/19/1990
Additional Participating Persons:	J KIRBY; SALT LAKE CITY, UT		
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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