



National Transportation Safety Board Aviation Accident Final Report

Location:	LAS VEGAS, NM	Accident Number:	DEN88LA103
Date & Time:	05/01/1988, 1319 MDT	Registration:	N6059R
Aircraft:	CESSNA 172G	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PRIVATE PLT AND HIS DAUGHTER WERE ON A CROSS COUNTRY FLIGHT. LANDING WITH A STRONG HEADWIND AND REPORTED GUSTS TO 31 KNOTS, THE PLT TAXIED CLEAR OF THE RUNWAY. A 90 DEGREE TURN CROSSWIND ON THE TAXIWAY RESULTED IN WIND LIFTING THE LEFT WING AND A LOSS OF CONTROL. THE AIRCRAFT NOSED OVER AND CAME TO REST INVERTED. THE AIRPORT WAS CLOSED FOR HIGH WINDS AFTER THE ACCIDENT.

Probable Cause and Findings

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

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH WEATHER
Phase of Operation: TAXI - FROM LANDING

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) WEATHER CONDITION - GUSTS
3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: TAXI - FROM LANDING

Factual Information

Pilot Information

Certificate:	Private	Age:	58, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	11/12/1987
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	218 hours (Total, all aircraft), 218 hours (Total, this make and model), 173 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6059R
Model/Series:	172G 172G	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17253728
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	11/14/1987, Annual	Certified Max Gross Wt.:	2150 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3243 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-300-D
Registered Owner:	AUGUST R. BROWN	Rated Power:	145 hp
Operator:	BROWN, AUGUST R	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LVS, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1316	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	24 knots / 31 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	GREELEY, CO (GXY)	Type of Flight Plan Filed:	VFR
Destination:		Type of Clearance:	None
Departure Time:	0825 MDT	Type of Airspace:	Class G

Airport Information

Airport:	LAS VEGAS MUNICIPAL (LVS)	Runway Surface Type:	
Airport Elevation:	6866 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ROBERT B COLLINS	Report Date:	04/14/1989
Additional Participating Persons:	FLOYD A DOCKUM; ALBUQUERQUE, NM		
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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](#).