



National Transportation Safety Board Aviation Accident Final Report

Location:	SAINT JOHNS, AZ	Accident Number:	LAX86LA162
Date & Time:	04/02/1986, 1121 MST	Registration:	N2691F
Aircraft:	CESSNA 182J	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PLT SAID HIS WX BRIEFING INDCD VFR CONDS ALONG THE ROUTE WITH OCNL THUNDERSTORM (TSTM) ACTIVITY THAT MIGHT REQUIRE DIVERSION. AS HE WAS APCHG THE ST JOHNS ARPT, THE PLT SAW TSTMS & OVRCSST CLDS AHEAD & DECIDED TO LAND & WAIT FOR THE WX TO IMPROVE. THE UNICOM OPERATOR ADVISED THAT THE WINDS FAVORED RWY 20 WITH A VELOCITY OF 20 GUSTING 25 KTS. THE PLT SAID THAT ON FINAL APCH, THE WINDS SHIFTED; HE NOTED THE 2 WINDSOCKS WERE SHOWING DIFFERENT DIRECTIONS. THE WINDSOCK AT THE INTERSECTION OF THE RWYS SHOWED A WIND FROM 270 DEG, FAVORING RWY 31. THE PLT LANDED NEAR THE CENTERLINE OF RWY 31. HE SAID HE WAS HOLDING CONTROLS FOR THE WIND WHEN A STRONG GUST GOT UNDER THE LEFT WING & PICKED IT UP. THE ACFT THEN RAN OFF THE RIGHT SIDE OF THE RWY, WENT INTO A DITCH & NOSED OVR. THE WIND DIRECTION METER IN THE ARPT TERMINAL WAS REPORTED TO BE INOP AT THE TIME THE PLT CALLED FOR HIS ARPT ADVISORY. THE DEMONSTRATED X-WIND COMPONENT FOR THE ACFT WAS 15 KTS.

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: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - THUNDERSTORM
2. PERFORMED - PILOT IN COMMAND
3. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
4. (F) AIRPORT FACILITIES,WIND DIRECTION INDICATOR - INOPERATIVE
5. (F) WEATHER CONDITION - UNFAVORABLE WIND
6. (F) WEATHER CONDITION - CROSSWIND
7. (F) WEATHER CONDITION - GUSTS

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

8. DIRECTIONAL CONTROL - NOT POSSIBLE
9. GROUND LOOP/SWERVE - UNCONTROLLED

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

10. (F) TERRAIN CONDITION - DITCH

Occurrence #4: NOSE OVER
Phase of Operation: 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:	03/27/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	356 hours (Total, all aircraft), 95 hours (Total, this make and model), 302 hours (Pilot In Command, all aircraft), 39 hours (Last 90 days, all aircraft), 17 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N2691F
Model/Series:	182J 182J	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18256791
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	02/07/1986, Annual	Certified Max Gross Wt.:	2800 lbs
Time Since Last Inspection:	33 Hours	Engines:	1 Reciprocating
Airframe Total Time:	6010 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-R
Registered Owner:	PAUL E. STOREY	Rated Power:	230 hp
Operator:	PAUL E. STOREY	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:	Unknown / 0 ft agl	Visibility	35 Miles
Lowest Ceiling:	Broken / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	25 knots / 35 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	4° C
Precipitation and Obscuration:			
Departure Point:	CARLSBAD, NM (CNM)	Type of Flight Plan Filed:	None
Destination:	FLAGSTAFF, AZ (FLG)	Type of Clearance:	None
Departure Time:	0800 MST	Type of Airspace:	Class G

Airport Information

Airport:	ST JOHNS MUNI (SJN)	Runway Surface Type:	Asphalt
Airport Elevation:	5733 ft	Runway Surface Condition:	Dry
Runway Used:	31	IFR Approach:	None
Runway Length/Width:	5300 ft / 75 ft	VFR Approach/Landing:	Full Stop; 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):	JEFF RICH	Report Date:	
Additional Participating Persons:	WILLIAM P OZANUS; SCOTTSDALE, AZ		
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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