



National Transportation Safety Board Aviation Accident Final Report

Location:	PEYTON, CO	Accident Number:	FTW96LA197
Date & Time:	05/01/1996, 2145 MDT	Registration:	N175WW
Aircraft:	Piper PA-28R-201T	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot said that after making a normal landing, the airplane began wobbling. It then veered slowly to right and the right wing struck a taxiway sign. The pilot said he had checked the tire pressures two weeks before the accident and found them correctly inflated to 30 psi. Also, the tires appeared normal during his preflight inspection prior to the accident flight. Postflight inspection, however, revealed the right tire was flat. When the hub cap was removed, the valve stem fell out. It had separated from the tire tube. The pilot said it appeared the valve stem had not completely bonded to the tube.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the failure of the right main tire due to valve stem separation.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) LANDING GEAR,TIRE - FAILURE

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

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

2. OBJECT - AIRPORT SIGN/MARKER

Factual Information

On May 1, 1996, approximately 2145 mountain daylight time, a Piper PA-28R-201T, N175WW, owned and operated by a private owner, was substantially damaged during landing at Peyton, Colorado. There were no injuries to the private pilot and two passengers. Visual meteorological conditions prevailed at the time, and no flight plan was filed for the personal flight conducted under Title 14 CFR Part 91. The flight originated at Pueblo, Colorado, at approximately 2125 mountain daylight time.

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Pilot Information

Certificate:	Private	Age:	52, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	01/04/1996
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	614 hours (Total, all aircraft), 303 hours (Total, this make and model), 241 hours (Pilot In Command, all aircraft), 44 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N175WW
Model/Series:	PA-28R-201T PA-28R-201	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	28R-7703074
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	02/22/1996, Annual	Certified Max Gross Wt.:	2900 lbs
Time Since Last Inspection:	43 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2207 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	TSIO-360-F
Registered Owner:	EUGENE L. JONES	Rated Power:	200 hp
Operator:	EUGENE L. JONES	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Bright
Observation Facility, Elevation:	COS, 6184 ft msl	Distance from Accident Site:	15 Nautical Miles
Observation Time:	2155 MDT	Direction from Accident Site:	210°
Lowest Cloud Condition:	Scattered / 10000 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	40°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	11° C / -1° C
Precipitation and Obscuration:			
Departure Point:	PUEBLO, CO (PUB)	Type of Flight Plan Filed:	None
Destination:	(00V)	Type of Clearance:	None
Departure Time:	2125 MDT	Type of Airspace:	Class E

Airport Information

Airport:	MEADOW LAKE (00V)	Runway Surface Type:	Asphalt
Airport Elevation:	6874 ft	Runway Surface Condition:	Dry
Runway Used:	33	IFR Approach:	None
Runway Length/Width:	5999 ft / 60 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	ARNOLD W SCOTT	Report Date:	06/06/1996
Additional Participating Persons:	JOSEPH J JORDAN; DENVER, CO		
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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