



National Transportation Safety Board Aviation Accident Factual Report

Location:	FREDERICK, MD	Accident Number:	NYC99LA191
Date & Time:	08/01/1999, 1440 EDT	Registration:	N70894
Aircraft:	Piper J3C-65	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Personal

On August 1, 1999, at 1440 eastern daylight time, a Piper J3C-65, N70894, was substantially damage during landing, when it departed the right side of runway 23 at Frederick Municipal Airport, Frederick, Maryland. The certificated commercial pilot was not injured. Visual meteorological conditions prevailed for the personal flight that originated from Haysfield Airport, Clarksville, Maryland. A visual flight rules flight plan was filed, and the flight was conducted under 14 CFR Part 91.

According to the Pilot/Operator Aircraft Accident Report Form, the pilot obtained a standard weather briefing, and then filed a flight plan. He then received a weather update from flight service approximately 5 minutes before executing the flight. During the update, the briefer indicated that scattered thunderstorms in the Hagerstown, Maryland area were moving east towards Frederick. The pilot calculated that he would arrive at his destination prior to the thunderstorms, so he departed Haysfield. While approaching his destination, the pilot noticed the sky to the north of his position was "very dark." He also experienced an increase in turbulence. The pilot checked weather with Frederick UNICOM, and was advised the winds were 4 knots.

With the approaching thunderstorms, the pilot expedited his turn from base to final for runway 23. He then executed a "normal" landing. As the airplane was rolling out it became airborne and started to drift to the right. The airplane touched down, exited the runway, and the landing gear collapsed when it struck a sign. The pilot shut off both magnetos, secured the throttle, and exited the airplane.

The pilot added, "I think I encountered a gust and simply lost control."

Pilot Information

Certificate:	Commercial	Age:	48, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Rear
Other Aircraft Rating(s):	Glider; Helicopter	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	05/05/1999
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	869 hours (Total, all aircraft), 46 hours (Total, this make and model), 711 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N70894
Model/Series:	J3C-65 J3C-65	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17919
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	06/03/1999, 100 Hour	Certified Max Gross Wt.:	1150 lbs
Time Since Last Inspection:	74 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3301 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	A-65
Registered Owner:	J D KREIS AVIATION INC	Rated Power:	65 hp
Operator:	J D KREIS AVIATION INC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	HGR, 735 ft msl	Distance from Accident Site:	28 Nautical Miles
Observation Time:	1453 EDT	Direction from Accident Site:	317°
Lowest Cloud Condition:	Scattered / 2500 ft agl	Visibility	4 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	24° C / 23° C
Precipitation and Obscuration:			
Departure Point:	CLARKSVILLE, MD (MD24)	Type of Flight Plan Filed:	VFR
Destination:	, MD (FDK)	Type of Clearance:	None
Departure Time:	1400 EDT	Type of Airspace:	Class G

Airport Information

Airport:	FREDERICK MUNICIPAL (FDK)	Runway Surface Type:	Asphalt
Airport Elevation:	304 ft	Runway Surface Condition:	Dry
Runway Used:	23	IFR Approach:	None
Runway Length/Width:	5220 ft / 100 ft	VFR Approach/Landing:	Stop and Go; Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	DAVID S MUZIO
Additional Participating Persons:	RAY STINCHCOMB; BALTIMORE, MD
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/ .