



National Transportation Safety Board Aviation Accident Factual Report

Location:	Franklin, KY	Accident Number:	NYC04CA020
Date & Time:	11/01/2003, 1715 EST	Registration:	N3264Z
Aircraft:	Piper PA-22-150	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor, 2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On November 1, 2003, about 1715 eastern standard time, a Piper PA-22-150, N3264Z, was substantially damaged during takeoff from Welcome Field (35KY), Franklin, Kentucky. The certificated commercial pilot and a passenger were not injured, while another passenger sustained minor injuries. Visual meteorological conditions prevailed and no flight plan was filed for the local personal flight conducted under 14 CFR Part 91.

The pilot initiated a takeoff from runway 29, a 2,000-foot long, 100-foot wide, turf runway. The pilot stated that during the takeoff roll he over-rotated. The airplane initially climbed about 15 feet, but settled and landed hard back onto the runway. The airplane then veered 45 degrees right and came to rest inverted in the grass about 30 feet beyond the end of the runway.

The pilot reported a total flight experience of 12,000 hours; of which, 28 hours were in the same make and model as the accident airplane.

The pilot further stated that he did not experience any pre-impact mechanical malfunctions with the airplane.

Pilot Information

Certificate:	Commercial	Age:	70, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	05/22/2002
Occupational Pilot:		Last Flight Review or Equivalent:	06/12/2002
Flight Time:	12000 hours (Total, all aircraft), 28 hours (Total, this make and model), 6000 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N3264Z
Model/Series:	PA-22-150	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	22-7213
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	04/17/2003, Annual	Certified Max Gross Wt.:	2000 lbs
Time Since Last Inspection:	27 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1128 Hours at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-320
Registered Owner:	Bomar Aviation Inc.	Rated Power:	150
Operator:	Charles Bomark	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BWG, 547 ft msl	Distance from Accident Site:	16 Nautical Miles
Observation Time:	1653 EST	Direction from Accident Site:	38°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.24 inches Hg	Temperature/Dew Point:	25° C / 18° C
Precipitation and Obscuration:			
Departure Point:	Franklin, KY (35KY)	Type of Flight Plan Filed:	None
Destination:	(35KY)	Type of Clearance:	None
Departure Time:	1715	Type of Airspace:	Class G

Airport Information

Airport:	Welcome Field (35KY)	Runway Surface Type:	Grass/turf
Airport Elevation:	695 ft	Runway Surface Condition:	Dry
Runway Used:	29	IFR Approach:	None
Runway Length/Width:	2000 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor, 1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor, 2 None	Latitude, Longitude:	36.711111, -86.636111

Administrative Information

Investigator In Charge (IIC):	Robert J Gretz
Additional Participating Persons:	
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
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/ .