



National Transportation Safety Board Aviation Accident Data Summary

Location:	Summerville, SC	Accident Number:	ATL04LA074
Date & Time:	02/07/2004, 1245 EST	Registration:	N21266
Aircraft:	Piper PA-28-161	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot set the parking brake and attempted to start the airplane by rotating the propeller by hand. The airplane started and moved forward, and the pilot climbed up on the right wing to enter the cockpit but slipped and fell to the ground. The pilot grabbed onto the cabin step and was dragged as he attempted to gain access to the cockpit. When the pilot realized a collision with a parked airplane was imminent, he released his hold on the cabin step. The airplane taxied unmanned and collided with a parked airplane. The pilot reported no mechanical malfunction with the airplane.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate start procedure, which resulted in a run-away airplane.

Findings

Occurrence #1: MISCELLANEOUS/OTHER
Phase of Operation: STANDING - STARTING ENGINE(S)

Findings
1. (C) STARTING PROCEDURE - INADEQUATE - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: OTHER

Findings
2. OBJECT - AIRCRAFT PARKED/STANDING

Pilot Information

Certificate:	Private	Age:	27
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	375 hours (Total, all aircraft), 200 hours (Total, this make and model), 40 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Piper	Registration:	N21266
Model/Series:	PA-28-161	Engines:	1 Reciprocating
Operator:	Johnny R Hoy	Engine Manufacturer:	Aero Engines
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-360-D3G
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KCHS, 46 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	13 knots/ 18 knots, 290°
Temperature:	12°C / 1°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Summerville, SC (KDYB)	Destination:	Columbia, SC (KCAE)

Airport Information

Airport:	Summerville, SC (KDYB)	Runway Surface Type:	Asphalt; Concrete
Runway Used:	NA	Runway Surface Condition:	Dry
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Catherine E Gagne	Adopted Date:	09/01/2004
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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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