



National Transportation Safety Board Aviation Accident Final Report

Location:	VINCENTOWN, NJ	Accident Number:	NYC86LA067
Date & Time:	02/01/1986, 1230 EDT	Registration:	N55047
Aircraft:	Champion 7ECA	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT STATED THAT A NORMAL APPROACH AND A 3 POINT LANDING WERE MADE AT THE RED LION AIRPORT. HOWEVER AFTER THE AIRCRAFT ROLLED FOR 2-3 SECONDS, IT STARTED TO DRIFT TO THE RIGHT. LEFT RUDDER WAS APPLIED, BUT THERE WAS NO RESPONSE. THE PILOT THEN APPLIED FULL LEFT RUDDER AND BRAKES. THE AIRCRAFT SLOWED DOWN, BUT REPORTEDLY THERE WAS STILL NO RESPONSE FROM THE LEFT RUDDER. THE AIRCRAFT DEPARTED THE RUNWAY AT A 45 DEGREE ANGLE, COLLIDED WITH A DIRT EMBANKMENT AND WAS DAMAGED. AN EXAM OF THE AIRCRAFT WAS MADE, BUT NO PRE-ACDNT MALFUCTION WAS FOUND.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (C) GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - DIRT BANK/RISING EMBANKMENT

Factual Information

Pilot Information

Certificate:	Private	Age:	33, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
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:	05/22/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	149 hours (Total, all aircraft), 7 hours (Total, this make and model), 87 hours (Pilot In Command, all aircraft), 1 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Champion	Registration:	N55047
Model/Series:	7ECA 7ECA	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Aerobatic	Serial Number:	1265-78
Landing Gear Type:	Tailwheel	Seats:	3
Date/Type of Last Inspection:	04/04/1985, Annual	Certified Max Gross Wt.:	1650 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2838 Hours	Engine Manufacturer:	LYCOMING
ELT:	Not installed	Engine Model/Series:	O-235-C1
Registered Owner:	RED LION	Rated Power:	115 hp
Operator:	RED LION	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 / 8000 ft agl	Visibility	15 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	1° C
Precipitation and Obscuration:			
Departure Point:	(N73)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1200 EST	Type of Airspace:	Class G

Airport Information

Airport:	RED LION (N73)	Runway Surface Type:	Asphalt
Airport Elevation:	59 ft	Runway Surface Condition:	Dry
Runway Used:	5	IFR Approach:	None
Runway Length/Width:	2900 ft / 45 ft	VFR Approach/Landing:	Straight-in

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):	FRANCES D LEWIS	Report Date:	
Additional Participating Persons:			
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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).