



National Transportation Safety Board Aviation Accident Data Summary

Location:	LAKEWOOD, NJ	Accident Number:	BFO95LA040
Date & Time:	04/01/1995, 1315 EST	Registration:	N85713
Aircraft:	AERONCA 7AC	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING THE LANDING ROLL THERE WAS A SUDDEN WINDSHIFT OF ABOUT 180 DEGREES. THE PILOT STATED HE COMPENSATED FOR THE WINDS USING FULL RUDDER, BRAKE, AND AILERON INPUT. THE PILOT SAID THAT DESPITE HIS CONTROL INPUT THE AIRPLANE CONTINUED OFF THE RUNWAY INTO SAND AND NOSED DOWN.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for wind conditions and his inadequate evaluation of the weather conditions which resulted in an overrun. A factor is the sudden windshift.

Findings

Occurrence #1: OVERRUN

Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - SUDDEN WINDSHIFT
2. (C) WEATHER EVALUATION - INADEQUATE - PILOT IN COMMAND
3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

Occurrence #2: NOSE DOWN

Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Private	Age:	61
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	864 hours (Total, all aircraft), 9 hours (Total, this make and model), 739 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERONCA	Registration:	N85713
Model/Series:	7AC 7AC	Engines:	1 Reciprocating
Operator:	CHANDLER, ELLSWORTH GEORGE	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C85-12F
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 330°
Temperature:	10° C	Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:	(N12)	Destination:	

Airport Information

Airport:	LAKEWOOD (N12)	Runway Surface Type:	Asphalt
Runway Used:	6	Runway Surface Condition:	Dry
Runway Length/Width:	3457 ft / 50 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	MARGARET B NAPOLITAN	Adopted Date:	08/31/1995
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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