



National Transportation Safety Board Aviation Accident Data Summary

Location:	ONEONTA, NY	Accident Number:	BFO94LA059
Date & Time:	04/02/1994, 1415 EST	Registration:	N28224
Aircraft:	GULFSTREAM AMERICAN AA-5B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE STUDENT PILOT REPORTED THAT DURING THE TAKEOFF ROLL, AS HE WAS ABOUT TO LIFT OFF, THE AIRPLANE VEERED LEFT. THE PILOT WAS UNABLE TO REGAIN DIRECTIONAL CONTROL, DESPITE USING RIGHT RUDDER/BRAKE. THE AIRPLANE OVERRAN THE LEFT SIDE OF THE RUNWAY AND STRUCK A SNOWBANK. THE PILOT STATED THAT HE BELIEVED THERE WAS A PROBLEM WITH THE LEFT WHEEL OR BRAKE. AN FAA AVIATION SAFETY INSPECTOR WHO EXAMINED THE AIRPLANE DISCLOSED NO EVIDENCE OF MECHANICAL MALFUNCTION. THERE WAS A 90 DEGREE LEFT CROSSWIND AT 14 KTS WITH GUSTS TO 20 KTS, AT THE TIME OF THE ACCIDENT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN DIRECTIONAL CONTROL DURING TAKEOFF. A RELATED FACTOR WAS THE CROSSWIND COMPONENT.

Findings

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

Findings

1. (F) WEATHER CONDITION - CROSSWIND
 2. (F) WEATHER CONDITION - GUSTS
 3. (C) FLIGHT INTO KNOWN ADVERSE WEATHER - INITIATED - PILOT IN COMMAND
 4. DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

5. TERRAIN CONDITION - SNOWBANK

Pilot Information

Certificate:	Student	Age:	52
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	46 hours (Total, all aircraft), 27 hours (Total, this make and model), 13 hours (Pilot In Command, all aircraft), 27 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GULFSTREAM AMERICAN	Registration:	N28224
Model/Series:	AA-5B AA-5B	Engines:	1 Reciprocating
Operator:	KAMP AIR AVIATION INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360-A4K
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BGM, 1636 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	14 knots / 20 knots, 150°
Temperature:	13°C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	ONEONTA MUNI (N66)	Runway Surface Type:	Asphalt
Runway Used:	24	Runway Surface Condition:	Snow--dry
Runway Length/Width:	4200 ft / 75 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): BEVERLEY JOHNSON,

Adopted Date: 03/13/1995

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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