



National Transportation Safety Board Aviation Accident Data Summary

Location:	BOXBOROUGH, MA	Accident Number:	NYC85FNA01
Date & Time:	06/01/1985, 1715 EDT	Registration:	N4523B
Aircraft:	GULFSTREAM AA-5B	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT MADE SIX ATTEMPTS AT LANDING WITH A LEFT CROSSWIND OF 24 KNOTS. ON THE LAST ATTEMPT HE WAS OBSERVED TO LOSE CONTROL AND CRASH INTO THE TREES OFF HE DEPARTURE END OF THE RUNWAY. THE AIRCRAFT BURNDENED AND THE PILOT RECEIVED SERIOUS INJURIES.

Probable Cause

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: GO-AROUND (VFR)

Findings

1. TERRAIN CONDITION - HIGH VEGETATION
2. (F) IN-FLIGHT PLANNING/DECISION - INADEQUATE - PILOT IN COMMAND
3. (F) LACK OF TOTAL EXPERIENCE IN TYPE OPERATION - PILOT IN COMMAND
4. (F) WEATHER CONDITION - GUSTS
5. (F) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
6. LIGHT CONDITION - DAYLIGHT
7. (F) JUDGMENT - POOR - PILOT IN COMMAND
8. (C) STALL/SPIN - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	47
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	110 hours (Total, all aircraft), 38 hours (Total, this make and model), 110 hours (Pilot In Command, all aircraft), 37 hours (Last 90 days, all aircraft), 37 hours (Last 30 days, all aircraft), 11 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GULFSTREAM	Registration:	N4523B
Model/Series:	AA-5B AA-5B	Engines:	1 Reciprocating
Operator:	GARY A. MARPLE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-360-AAK
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:	BED, 133 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 6000 ft agl	Wind Speed/Gusts, Direction:	12 knots / 24 knots, 310°
Temperature:	26° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	YOUNGSTOWN, OH (06G)	Destination:	STOW/MINUTEMAN, MA (6B6)

Airport Information

Airport:	STOW MINUTE MAN (6B6)	Runway Surface Type:	Asphalt
Runway Used:	3	Runway Surface Condition:	Dry
Runway Length/Width:	2770 ft / 50 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	ARTHUR S DAVIS	Adopted 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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