



# National Transportation Safety Board Aviation Accident Factual Report

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

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## Pilot Information

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<b>Certificate:</b>	Private	<b>Age:</b>	47, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	08/30/1984
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	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	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal; Utility	Serial Number:	AA5B1090
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	05/02/1985, Annual	Certified Max Gross Wt.:	2400 lbs
Time Since Last Inspection:	47 Hours	Engines:	1 Reciprocating
Airframe Total Time:	353 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-360-AAK
Registered Owner:	GARY A. MARPLE	Rated Power:	180 hp
Operator:	GARY A. MARPLE	Operating Certificate(s) Held:	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BED, 133 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	2045 EDT	Direction from Accident Site:	285°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	Broken / 6000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	12 knots / 24 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	26°C / 13°C
Precipitation and Obscuration:			
Departure Point:	YOUNGSTOWN, OH (06G)	Type of Flight Plan Filed:	None
Destination:	STOW/MINUTEMAN, MA (6B6)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

## Airport Information

Airport:	STOW MINUTE MAN (6B6)	Runway Surface Type:	Asphalt
Airport Elevation:	268 ft	Runway Surface Condition:	Dry
Runway Used:	3	IFR Approach:	None
Runway Length/Width:	2770 ft / 50 ft	VFR Approach/Landing:	Go Around; Traffic Pattern

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	ARTHUR S DAVIS
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### Additional Participating Persons:

<b>Investigation Docket:</b>	NTSB accident and incident docket 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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .
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