

 National Transportation Safety Board PRELIMINARY REPORT AVIATION		NTSB ID: DCA11MA076		Most Critical Injury: Fatal		
		Occurrence Date: 04/02/2011		Investigated By: NTSB		
		Occurrence Type: Accident				
Location/Time						
Nearest City/Place		State	Zip Code	Local Time	Time Zone	
Roswell		NM	88230	0934	MDT	
Aircraft Information						
Registration Number		Aircraft Manufacturer		Model/Series Number		
N652GD		GULFSTREAM		GVI/G650		
Type of Aircraft: Airplane			Amateur Built Aircraft? No			
Injury Summary:		Fatal	4	Serious	Minor	None
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No			
Narrative						
Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:						
<p>*** Note: NTSB investigators traveled in support of this investigation and used data obtained from various sources to prepare this aircraft accident report. ***</p> <p>On April 2, 2011, about 0934 mountain daylight time, a Gulfstream GVI (G650) airplane, N652GD, was substantially damaged after impact with terrain during takeoff at Roswell International Air Center Airport (ROW), Roswell, New Mexico. Visual meteorological conditions prevailed and a company flight plan was filed for the 14 Code of Federal Regulations Part 91 flight. The two flight crewmembers and the two technical crewmembers were fatally injured. The flight had originated from ROW about 0700 for a local area flight.</p> <p>The airplane was operating under a Federal Aviation Administration (FAA) Experimental Certificate of Airworthiness and was performing a take off with a simulated engine failure to determine take-off distance requirements at minimum flap setting.</p> <p>Wingtip scrape marks beginning on the runway approximately 5,300 feet from the end of the runway lead toward the final resting spot about 3,800 feet from the first marks on the runway. Witnesses close to the scene saw the airplane sliding on the ground with sparks and smoke coming from the bottom of the wing, and described the airplane being fully involved in fire while still moving across the ground. The airplane struck several obstructions and came to rest upright about 200 feet from the base of the airport control tower. Several airport rescue and fire fighting (ARFF) units responded quickly and fought the fire.</p> <p>Updated on Sep 13 2011 5:17PM</p>						
PRELIMINARY INFORMATION - SUBJECT TO CHANGE						

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Other Aircraft Involved		
Registration Number	Aircraft Manufacturer	Model/Series Number

Accident Information	
Aircraft Damage: Substantial	Accident Occurred During:

Crew	Name	Certificate No.	Injury
Pilot			
2			
3			
4			
5			
6			

Operator Information			
Name GULFSTREAM AEROSPACE CORPORATION	Operator Designator Code	Doing Business As	
Street Address 500 GULFSTREAM RD	City SAVANNAH	State GA	Zip Code 31407
-Type of Certificate(s) Held: None			
Air Carrier Operating Certificate(s):			
Operating Certificate:		Operator Certificate:	
Regulation Flight Conducted Under: Part 91: General Aviation			
Type of Flight Operations Conducted: Flight Test			

Flight Plan/Itinerary			
Type of Flight Plan Filed: Company VFR			
Last Departure Point ROSWELL	State NM	Airport Identifier ROW	
Destination Local Flight	State NM	Airport Identifier ROW	

Weather Information			
Investigator's Source: Unknown	Facility ID: KROW	Observation Time (Local): 0851	
Sky/Lowest Cloud Condition: Clear		Ft. AGL	
Lowest Ceiling: None	Ft. AGL	Visibility: 10 SM	Altimeter: 30.01 "Hg

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Weather Information (Continued from page 2)

Temperature: 17 °C	Dew Point: -4 °C	Wind Direction: 210	
Wind Speed: 4 Kts.	Gusts: Kts.	Weather Conditions at Accident Site: Visual Conditions	

Administration Data

Notification From FAA ASW Regional Operations Ce	Date
FAA District Office/Coordinator FAA AVP-100 T R. Proven	Investigator-In-Charge (IIC) Effie Lorenda Ward