 National Transportation Safety Board <b>FACTUAL REPORT</b> <b>AVIATION</b>	NTSB ID: CEN09RA443	Aircraft Registration Number: VT-MST
	Occurrence Date: 07/13/2009	Most Critical Injury: None
	Occurrence Type: Incident	Investigated By: Foreign

## Location/Time

Nearest City/Place Kerry	State	Zip Code 00000	Local Time 0815	Time Zone UTC	
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Airport Proximity: Off Airport/Airstrip	Distance From Landing Facility:
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## Aircraft Information Summary

Aircraft Manufacturer GULFSTREAM	Model/Series GIV/SP	Type of Aircraft Airplane
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Revenue Sightseeing Flight: No

Air Medical Transport Flight: No

## Narrative

Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:

On July 13, 2009, at 0815 Coordinated Universal Time, a Gulfstream Aerospace G IV SP, VT-MST, registered to Asia Aviation Ltd, descended below the minimum safe altitude and flew near mountainous terrain in instrument meteorological conditions after departing from the Kerry Airport (EIKY), Farranfore, Ireland. The two crew members and passenger were not injured.


The AAIU requested an analysis of the pilot's forward windscreen which experienced a failure of the outboard glass ply.


An analysis of the windscreen was conducted at PPG Aerospace under the supervision of the National Transportation Safety Board. Analysis results were submitted to the Irish investigator-in-charge for consideration.

In addition, several sections of the outboard glass ply were swabbed for potential bird deoxyribonucleic acid (DNA). The samples were tested by the Smithsonian Institution's Feather Identification Lab which determined that bird DNA was not present.

This investigation is under the jurisdiction of the Government of Ireland. This report is for information purposes only and contains only information released by the Government of Ireland. Further information pertaining to his accident may be obtained from:

Air Accident Investigation Unit (AAIU)  
Department of Transportation  
44 Kildare St  
Dublin 2  
Ireland  
Updated on Nov 3 2009 1:09PM

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<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
Kerry Airport	EIKY	Ft. MSL	N/A		
Runway Surface Type:					
Runway Surface Condition:					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: None					
<b>Aircraft Information</b>					
Aircraft Manufacturer		Model/Series		Serial Number	
GULFSTREAM		GIV/SP		1379	
Airworthiness Certificate(s):					
Landing Gear Type: Retractable - Tricycle					
Amateur Built Acft? No	Number of Seats:	Certified Max Gross Wt.		LBS	Number of Engines: 2
Engine Type:	Engine Manufacturer:	Model/Series:		Rated Power:	
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection		Airframe Total Time	
		Hours		Hours	
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type	ELT Operated?	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner		Street Address			
Asia Aviation Ltd		City		State	Zip Code
		New Delhi			
Operator of Aircraft		Street Address			
Asia Aviation Ltd		City		State	Zip Code
		New Delhi			
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Unknown					
Type of Flight Operation Conducted:					
FACTUAL REPORT - AVIATION					

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**First Pilot Information**

Name	City	State	Date of Birth	Age
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Sex:	Seat Occupied:	Occupational Pilot?	Certificate Number:
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Certificate(s):

Airplane Rating(s):

Rotorcraft/Glider/LTA:

Instrument Rating(s):

Instructor Rating(s):

Current Biennial Flight Review?

Medical Cert.:	Medical Cert. Status:	Date of Last Medical Exam:
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time										
Pilot In Command(PIC)										
Instructor										
Instruction Received										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

Seatbelt Used?	Shoulder Harness Used?	Toxicology Performed?	Second Pilot? Yes
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: Unknown

Departure Point	State	Airport Identifier	Departure Time	Time Zone
Same as Accident/Incident Location		EIKY		UTC


Destination	State	Airport Identifier	
London		EGGW	

Type of Clearance: Unknown

Type of Airspace:

**Weather Information**

Source of Wx Information:

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: CEN09RA443
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**Weather Information**

WOF ID	Observation Time	Time Zone	WOF Elevation  Ft. MSL	WOF Distance From Accident Site  NM	Direction From Accident Site  Deg. Mag.
Sky/Lowest Cloud Condition:				Ft. AGL	Condition of Light:
Lowest Ceiling:			Ft. AGL	Visibility: SM	Altimeter: "Hg
Temperature: °C	Dew Point: °C	Weather Conditions at Accident Site:			
Wind Direction:	Wind Speed:	Wind Gusts:			
Visibility (RVR): Ft.	Visibility (RVV): SM				
Precip and/or Obscuration:					

**Accident Information**

Aircraft Damage: None	Aircraft Fire: None	Aircraft Explosion: None
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- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew				1	1
Passengers				1	1
- TOTAL ABOARD -				3	3
Other Ground					
- GRAND TOTAL -				3	3

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Administrative Information

Investigator-In-Charge (IIC)

Jason T. Aguilera

Additional Persons Participating in This Accident/Incident Investigation:

Thomas Moloney  
Air Accident Investigation Unit (AAIU)  
Dublin, Ireland,

Clinton Crookshanks  
National Transportation Safety Board (NTSB)  
Denver, CO