

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: ENG08RA015		Aircraft Registration Number: 6Y-JRG	
		Occurrence Date: 01/24/2008		Most Critical Injury:	
		Occurrence Type: Incident		Investigated By: Foreign	
Location/Time					
Nearest City/Place Kingston		State	Zip Code	Local Time 1745	Time Zone
Airport Proximity:		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Cessna		Model/Series C208B Caravan		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:					
<p>At approximately 5.45 PM on Thursday 24 January 2008, the Cessna C208B Caravan aircraft, 6Y-JRG, operated by Rutair Limited under the name of International Air Link, departed from Tinson Pen Aerodrome, Kingston, Jamaica for a scheduled flight to Montego Bay International Airport, Jamaica with two pilots and seven passengers on board. The captain reported that a few minutes later, when the aircraft was climbing through 4,000 feet ASL, he heard an explosion in the engine compartment, after which the Ng rapidly decreased below 50%, and the ITT increased through 800 Degrees Centigrade. The captain then shut down and secured the engine, and made a successful landing at Tinson Pen Aerodrome. There were no injuries, and no further damage to the aircraft.</p>					
<p>Initial examination of the engine, Pratt and Whitney PT6A-114A, Serial Number PCE0949, by Jamaica Civil Aviation Authority (JCAA) Airworthiness Inspector revealed that the power turbine disc and the compressor turbine disc were both extensively damaged. The inlet/nozzle guides for both turbines were also damaged. There was no other damage to the aircraft, and no obvious cause of the damage to the engine.</p>					
<p>The investigation is under the jurisdiction of the government of Jamaica. Further information pertaining to this accident may be obtained from:</p>					
<p>Civil Aviation Authority 4 Winchester Road Kingston 5 Jamaica</p>					
<p>Tel.: (876) 960-3965 / (876) 920-2280 E-mail: jcivav@toj.com Fax: (876) 920-0194 AFTN: MKJKYAYX Cable: CIVAV JA</p>					
<p>This report is for informational purposes only and contains only information obtained for, or released by, the Government of Jamaica.</p>					
FACTUAL REPORT - AVIATION					
					Page 1

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: ENG08RA015				
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Landing Facility/Approach Information						
Airport Name		Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Approach/Arrival Flown:						
VFR Approach/Landing:						
Aircraft Information						
Aircraft Manufacturer Cessna		Model/Series C208B Caravan		Serial Number		
Airworthiness Certificate(s):						
Landing Gear Type:						
Amateur Built Acft? No	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines:		
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:			
- Aircraft Inspection Information						
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection Hours	Airframe Total Time Hours			
- Emergency Locator Transmitter (ELT) Information						
ELT Installed?/Type	ELT Operated?	ELT Aided in Locating Accident Site?				
Owner/Operator Information						
Registered Aircraft Owner		Street Address				
		City	State	Zip Code		
Operator of Aircraft Rutair Limited		Street Address				
		City	State	Zip Code		
Operator Does Business As: International Air Link			Operator Designator Code:			
- Type of U.S. Certificate(s) Held: None						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Non-U.S., Commercial						
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only						
FACTUAL REPORT - AVIATION					Page 2	

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: ENG08RA015	
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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?
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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		KTP		


Destination	State	Airport Identifier	
MONTEGO BAY		MKJS	

Type of Clearance:

Type of Airspace:

Weather Information

Source of Wx Information:

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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:	Aircraft Explosion

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot					
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -					
Other Ground					
- GRAND TOTAL -					

National Transportation Safety Board

FACTUAL REPORT

AVIATION



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Administrative Information

Investigator-In-Charge (IIC)

Jean-Pierre Scarfo

Additional Persons Participating in This Accident/Incident Investigation: