



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Walton, IN	Accident Number:	CEN14LA075
Date & Time:	12/02/2013, 0411 EST	Registration:	N810QS
Aircraft:	CESSNA 560	Injuries:	N/A
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

On December 2, 2013, about 1610 eastern standard time (EST), a Cessna 560 Encore, N810QS, was substantially damaged when an engine cowling departed the airplane in flight. The two flight crewmembers and one passenger on-board were not injured. The airplane was registered to NetJets Sales, Inc. and operated by NetJets Aviation, Inc under the provisions of 14 Code of Federal Regulations Part 135 as an on-demand air taxi. Visual meteorological conditions prevailed for the flight, which operated on an instrument flight rules flight plan. The flight originated from Southwest Florida International Airport (KRSW), Fort Myers, Florida, at approximately 1330 EST.

The airplane was on initial descent, passing 17,000 feet mean sea level (MSL) when the flight crew reported hearing a "bang" and experienced a slight yawing of the airplane. They believed it was a gear door departing the airplane and reported the event to air traffic control. There were no indications received in the flight deck. The flight crew disconnected the auto-pilot and the airplane "flew normally." The flight continued to Chicago Midway International Airport (KMDW) in Chicago, Illinois where the airplane landed without incident. A post flight inspection revealed the right engine cowling had departed the airplane and impacted the right horizontal stabilizer.

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N810QS
Model/Series:	560 Encore	Aircraft Category:	Airplane
Amateur Built:	No		
Operator:	NetJets Aviation, Inc	Air Carrier Operating Certificate:	On-demand Air Taxi (135)
Operator Does Business As:		Operator Designator Code:	DXTA

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KGUS, 811 ft msl	Observation Time:	2058 UTC
Lowest Cloud Condition:	Few / 6000 ft agl	Conditions at Accident Site:	Visual Conditions
Lowest Ceiling:	Overcast / 8500 ft agl	Temperature/Dew Point:	5°C / 2°C
Wind Speed/Gusts, Direction:	9 knots, 80°	Visibility	10 Miles
Altimeter Setting:	29.8 inches Hg	Type of Flight Plan Filed:	IFR
Departure Point:	Fort Myers, FL (KRSW)	Destination:	Chicago, IL (KMDW)

Wreckage and Impact Information

Crew Injuries:	N/A	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	N/A		

Administrative Information

Investigator In Charge (IIC):	Courtney Liedler
Additional Participating Persons:	