



National Transportation Safety Board Aviation Accident Factual Report

Location:	Delray, FL	Accident Number:	ANC07LA027
Date & Time:	04/01/2007, 1454 EDT	Registration:	N9174D
Aircraft:	Carris Avid Aircraft	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

On April 1, 2007, about 1454 Eastern daylight time, an experimental Carris Avid Flyer, N9174D, sustained substantial damage following a loss of engine power and subsequent forced landing near Delray Beach, Florida. The private pilot/owner and the one passenger both sustained serious injuries. The local 14 CFR Part 91 flight operated in visual meteorological conditions. The flight originated at the Antiquers Aerodrome, a private fly in community, located in Delray Beach, about 1430.

According to rescue personnel that responded to the accident site, the pilot reported a loss of engine power during cruise flight, and the accident happened as he was attempting a forced landing in an open field. Witnesses reported seeing the accident airplane fly over the open field, followed by a series of descending, spiral turns over the intended landing site. The witnesses said that as the airplane continued the series of turns, it abruptly nosed down, and struck the ground nose first. The airplane sustained substantial damage to the wings, fuselage, and empennage.

The accident airplane was equipped with a Rotax engine, model 582UL.

According to the NTSB Pilot/Operator Aircraft Accident Report (NTSB Form 6120.1) submitted by the pilot, he has no memory of the accident due to retrograde amnesia. He said that his passenger, who remained conscious following the accident, reported that the engine quit running, and the accident happened while he was attempting a forced landing in an open field.

An FAA airworthiness inspector from the Fort Lauderdale Flight Standards District Office inspected the airplane wreckage after it was recovered from the accident site. The inspector reported that the right fuel tank contained about 4 gallons of fuel, and the left fuel tank was empty. He also reported that he did not discover any preaccident mechanical anomalies with the airplane.

Pilot Information

Certificate:	Private	Age:	61, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last FAA Medical Exam:	05/01/2005
Occupational Pilot:		Last Flight Review or Equivalent:	04/01/2006
Flight Time:	1750 hours (Total, all aircraft), 50 hours (Total, this make and model), 1700 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Carris	Registration:	N9174D
Model/Series:	Avid Aircraft	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	946
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	03/01/2007, Annual	Certified Max Gross Wt.:	850 lbs
Time Since Last Inspection:	1 Hours	Engines:	1 Reciprocating
Airframe Total Time:	101.8 Hours as of last inspection	Engine Manufacturer:	Rotax
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	582 UL
Registered Owner:	Charles & Susan Scherer	Rated Power:	64 hp
Operator:	Charles K. Scherer	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FD08	Distance from Accident Site:	
Observation Time:	1453	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	8 Miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	13 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	160°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	28° C / 15° C
Precipitation and Obscuration:			
Departure Point:	DELRAY BEACH, FL (3X1)	Type of Flight Plan Filed:	None
Destination:	DELRAY BEACH, FL (3X1)	Type of Clearance:	None
Departure Time:	1430 EDT	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	1 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Serious	Latitude, Longitude:	26.450000, -80.133333

Administrative Information

Investigator In Charge (IIC):	Clinton O Johnson
Additional Participating Persons:	Roger A McGlen; Federal Aviation Administration; Ft. Lauderdale, FL
Investigation Docket:	NTSB accident and incident dockets 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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .