



National Transportation Safety Board Aviation Accident Factual Report

Location:	Marion, IN	Accident Number:	CHI07LA198
Date & Time:	07/02/2007, 1456 EDT	Registration:	N3088K
Aircraft:	Ayres Corporation S2R-T15	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

On July 2, 2007, at 1456 eastern daylight time, a Ayres Corporation S2R-T15, N3088K, operated by Coney Ag Service as an agricultural airplane, received substantial damage on impact with terrain during a forced landing onto an adjacent soybean field while spraying a corn field. The pilot reported a loss of engine power. Visual meteorological conditions prevailed at the time of the accident. The 14 CFR Part 137 aerial application flight was not operating on a flight plan. The pilot was uninjured. The local flight originated from Marion, Indiana, about 1426.

The pilot stated that the airplane experienced a loss of engine power during a spray run approximately 30 minutes after departure. He then performed a forced landing on a soybean field during which the airplane contacted a creek bed.

According to the Federal Aviation Administration, the pilot reported that the engine began to smoke from the exhaust. Witnesses reported seeing white smoke from the airplane. Examination of the airplane revealed the chemical bay was empty, the right fuel tank was damaged and contained no fuel, and the left tank was intact and contained fuel. The fuel selector was on the right tank. There was no airworthiness certificate on board the airplane.

Pilot Information

Certificate:	Commercial	Age:	23, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2	Last FAA Medical Exam:	03/01/2007
Occupational Pilot:		Last Flight Review or Equivalent:	03/01/2007
Flight Time:	776 hours (Total, all aircraft), 100 hours (Total, this make and model), 727 hours (Pilot In Command, all aircraft), 240 hours (Last 90 days, all aircraft), 80 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Ayres Corporation	Registration:	N3088K
Model/Series:	S2R-T15	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	T15-019
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	03/01/2007, Annual	Certified Max Gross Wt.:	6000 lbs
Time Since Last Inspection:		Engines:	1 Turbo Prop
Airframe Total Time:	8638.8 Hours as of last inspection	Engine Manufacturer:	Pratt & Whitney Canada
ELT:	Not installed	Engine Model/Series:	PT6-36
Registered Owner:	Sammie N. Farrow, Jr.	Rated Power:	665 hp
Operator:	Coney Ag Service	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	FWCG

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MZZ	Distance from Accident Site:	12 Nautical Miles
Observation Time:	1130 EDT	Direction from Accident Site:	225°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	30° C / 18° C
Precipitation and Obscuration:			
Departure Point:	Marion, IN	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1330 EDT	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Mitchell F Gallo
Additional Participating Persons:	Daniel I Fowler; Federal Aviation Administration; Indianapolis, IN
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/ .