



National Transportation Safety Board Aviation Accident Factual Report

Location:	Hampton, IA	Accident Number:	CHI07LA246
Date & Time:	08/01/2007, 0915 CDT	Registration:	N50877
Aircraft:	Air Tractor AT-502B	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

On August 1, 2007, about 0915 central daylight time, an Air Tractor AT-502B, operated by Keller Flying Service, and piloted by a commercial pilot, sustained substantial damage during an aborted landing on runway 17 (4,018 feet by 75 feet), at the Hampton Municipal Airport (HPT), Hampton, Iowa. The 14 CFR Part 137 aerial application flight was operating in visual meteorological conditions without a flight plan. No injuries were reported. The local flight originated at an unconfirmed time.

The pilot stated that while landing on runway 17 at HPT the winds were about 20 knots from the southwest. He said that just as he was touching down the wind speed decreased, which resulted in the airplane yawing to the right. He said that the tires began to skip and he applied power to execute a go-around. He stated that as he crossed the ditch along the right side of the runway the airplane settled to the ground and the left wing tip struck the ditch. The airplane subsequently spun to the left, the right landing gear collapsed, and the airplane slid across the runway.

Pilot Information

Certificate:	Commercial	Age:	57, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Center
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	10/01/2006
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Air Tractor	Registration:	N50877
Model/Series:	AT-502B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	502B-0472
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	8000 lbs
Time Since Last Inspection:		Engines:	1 Turbo Shaft
Airframe Total Time:		Engine Manufacturer:	Pratt & Whitney Canada
ELT:		Engine Model/Series:	PT6A
Registered Owner:	Keller Flying Service, LLC	Rated Power:	750 hp
Operator:	Keller Flying Service, LLC	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	YKFG

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	20 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	225°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hampton, IA (HPT)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	CDT	Type of Airspace:	

Airport Information

Airport:	HAMPTON MUNI (HPT)	Runway Surface Type:	Concrete
Airport Elevation:	1176 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	4018 ft / 75 ft	VFR Approach/Landing:	Traffic Pattern

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):	John M Brannen
Additional Participating Persons:	Kyle Thurston; Des Moines, Iowa FSDO
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/ .