



National Transportation Safety Board Aviation Accident Data Summary

Location:	SHELBYVILLE, IL	Accident Number:	CHI00LA101
Date & Time:	04/01/2000, 1030 CST	Registration:	N224V
Aircraft:	Aerotek PITTS S-2A	Injuries:	1 Fatal, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane impacted a golf cart during a grass field landing on runway 14. The golf cart driver was spraying weeds near the edge of runway 14. Ground scarring preceding the accident site began at a point located near the centerline of runway 22 and offset 40 feet to the west from runway 14's left edge. The ground scarring continued to a pre-impact location of the golf cart and continued onto runway 14 where both the accident airplane and golf cart came to rest. The green colored golf cart was used as an airport service vehicle and was not equipped with lighting, flags or a radio. Advisory circular 150/5210-5B, Painting, Marking, and Lighting of Vehicles used on an Airport, provides guidance, specifications, and standards for the painting, marking, and lighting of vehicles operating in the airport operations area. There were no local Notices to Airmen (NOTAM) issued for runway/airport maintenance.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the proper touchdown point and proper alignment not attained by the pilot. Contributing factors were the unmarked golf cart, color, and lack of a radio. Additional factors were the runway maintenance performed by the driver of the golf cart and the NOTAM(s) not issued by airport personnel.

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING

Findings

1. (F) AIRPORT EQUIPMENT - UNMARKED
2. (C) PROPER TOUCHDOWN POINT - NOT ATTAINED - PILOT IN COMMAND
3. (F) AIRPORT EQUIPMENT - INADEQUATE
4. (C) PROPER ALIGNMENT - NOT ATTAINED - PILOT IN COMMAND
5. (F) RUNWAY MAINTENANCE - PERFORMED - DRIVER OF VEHICLE
6. (F) NOTAMS - NOT ISSUED - AIRPORT PERSONNEL

Pilot Information

Certificate:	Commercial	Age:	54
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	906 hours (Total, all aircraft), 64 hours (Total, this make and model), 818 hours (Pilot In Command, all aircraft), 40 hours (Last 90 days, all aircraft), 28 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aerotek	Registration:	N224V
Model/Series:	PITTS S-2A PITTS S-2A	Engines:	1 Reciprocating
Operator:	JIMMY T. STEWART	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	AEIO360
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DEC, 618 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 11000 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 180°
Temperature:	16°C	Visibility	8 Miles
Precipitation and Obscuration:			
Departure Point:	MATTOON, IL (MTO)	Destination:	(2H0)

Airport Information

Airport:	SHELBY COUNTY (2H0)	Runway Surface Type:	Grass/turf
Runway Used:	14	Runway Surface Condition:	Vegetation
Runway Length/Width:	3264 ft / 200 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): MITCHELL F GALLO

Adopted Date: 05/08/2001

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/>.

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