



National Transportation Safety Board Aviation Accident Data Summary

Location:	Scotts, MI	Accident Number:	CHI06CA091
Date & Time:	03/04/2006, 1500 EST	Registration:	N46365
Aircraft:	Balkema STOL Aircraft	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The experimental amateur-built airplane impacted terrain during a forced landing to a field following a loss of engine power on downwind. A ground fire subsequently destroyed the airplane. Examination of the wreckage did not reveal any anomalies in reference to the engine's power loss.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The in-flight loss of engine power on downwind for undetermined reasons and the post-impact ground fire that burned the airplane while it was standing.

Findings

Occurrence #1: LOSS OF ENGINE POWER

Phase of Operation: APPROACH - VFR PATTERN - DOWNWIND

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING

Phase of Operation: EMERGENCY DESCENT/LANDING

Occurrence #3: HARD LANDING

Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

2. TERRAIN CONDITION - GROUND

Occurrence #4: FIRE

Phase of Operation: STANDING

Findings

3. AIRFRAME - BURNED

Pilot Information

Certificate:	Private	Age:	70
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	7133 hours (Total, all aircraft), 1 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Balkema	Registration:	N46365
Model/Series:	STOL Aircraft	Engines:	1 Reciprocating
Operator:	John Balkema	Engine Manufacturer:	LOM
Air Carrier Operating Certificate:	None	Engine Model/Series:	M332B
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	AZO, 874 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	
Condition of Light:	Day	Wind Speed/Gusts, Direction:	10 knots, 250°
Temperature:	3°C / -7°C	Visibility:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Scotts, MI (66MI)	Destination:	

Airport Information

Airport:	Runway Surface Type:
Runway Used:	Runway Surface Condition:
Runway Length/Width:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Edward F Malinowski	Adopted Date:	06/28/2006
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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