



Aviation Investigation Final Report

Location:	WESTFIELD, Indiana	Accident Number:	CHI04LA207
Date & Time:	August 2, 2004, 19:35 Local	Registration:	N197BR
Aircraft:	Skystar Kitfox	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The aircraft made two bounced landings and the right wing stalled and struck the runway.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the failure of the pilot to maintain adequate airspeed resulting in a stall.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
2. STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #2: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

On August 2, 2004 at 1935 central standard time, an amateur-built Skystar Kitfox Series 5 airplane, N197BR, piloted by a private pilot, was substantially damaged during landing on runway 18 at the Westfield Airport, Westfield, Indiana. The flight was being conducted under 14 CFR Part 91 without a flight plan. Visual meteorological conditions prevailed at the time. The pilot, the only occupant, was not injured. The flight departed Westfield Airport for a local flight about five minutes before the accident.

The pilot reported the weather was good with ten miles visibility and winds from the southwest at 2 knots. The pilot was conducting short field landing practice and bounced twice and lost airspeed. The aircraft stalled to the right and the right wing struck the ground. The pilot's safety recommendations were "increased airspeed on final"

Pilot Information

Certificate:	Private	Age:	55, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2	Last FAA Medical Exam:	June 1, 2004
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	February 1, 2003
Flight Time:	275 hours (Total, all aircraft), 18 hours (Total, this make and model), 218 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 18 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Skystar	Registration:	N197BR
Model/Series:	Kitfox	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	9602-0173
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	December 1, 2003 Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:	21 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	291 Hrs	Engine Manufacturer:	Rotax
ELT:	Installed, not activated	Engine Model/Series:	912VL
Registered Owner:	ALTON E. PURCIFULL, JR.	Rated Power:	80 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	2 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	225°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	WESTFIELD, IN	Type of Flight Plan Filed:	None
Destination:	WESTFIELD, IN (I7Z)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	WESTFIELD I72	Runway Surface Type:	Grass/turf
Airport Elevation:	932 ft msl	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	3000 ft / 100 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	40.048332,-86.613334

Administrative Information

Investigator In Charge (IIC):	Dinwiddie, Carl
Additional Participating Persons:	Fred Nardei; INDIANAPOLIS FLIGHT STANDARDS DISTRICT OFFICE; INDIANAPOLIS, IN
Original Publish Date:	May 30, 2006
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=60246

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