



# Aviation Investigation Final Report

<b>Location:</b>	Madison, Mississippi	<b>Accident Number:</b>	ERA09CA285
<b>Date &amp; Time:</b>	May 9, 2009, 16:00 Local	<b>Registration:</b>	N248DR
<b>Aircraft:</b>	Richard Rank KitFox 4	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot stated that he was departing from runway 17 about 75 yards behind another airplane in tandem formation. During the takeoff roll, the lead airplane aborted the takeoff. The second airplane was near rotation speed when the pilot aborted the takeoff as well. Wanting not to get too close to the lead airplane, he departed the runway off the left side. The airplane became airborne, stalled, and the left wing tip impacted the ground, spinning the airplane and resulting in substantial damage to the fuselage.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain aircraft control during an aborted formation takeoff.

## Findings

<b>Aircraft</b>	(general) - Not attained/maintained
<b>Personnel issues</b>	Aircraft control - Pilot

## Factual Information

### History of Flight

Takeoff-rejected takeoff	Loss of control in flight (Defining event)
Takeoff-rejected takeoff	Runway excursion

### Pilot Information

Certificate:	Private	Age:	50, 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 3 Without waivers/limitations	Last FAA Medical Exam:	November 30, 2004
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	650 hours (Total, all aircraft), 250 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Richard Rank	Registration:	N248DR
Model/Series:	KitFox 4 1200	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	ACS112
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:		Certified Max Gross Wt.:	1200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Bombardier-Rotax
ELT:		Engine Model/Series:	582
Registered Owner:	Tony R Clark	Rated Power:	
Operator:	Tony R Clark	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	JAN,346 ft msl	<b>Distance from Accident Site:</b>	7 Nautical Miles
<b>Observation Time:</b>	20:54 Local	<b>Direction from Accident Site:</b>	180°
<b>Lowest Cloud Condition:</b>	Few / 4000 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 6000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	3 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.97 inches Hg	<b>Temperature/Dew Point:</b>	29°C / 21°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Madison, MS (MBO )	<b>Type of Flight Plan Filed:</b>	Unknown
<b>Destination:</b>	Madison, MS (MBO )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	17:00 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Madison MBO	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	320 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	17	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4444 ft / 75 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	32.43861,-90.103057(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Obregon, Jose
<b>Additional Participating Persons:</b>	Albert McCray; FAA/FSDO; Jackson, MS
<b>Original Publish Date:</b>	November 9, 2009
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.ntsb.gov/Docket?ProjectID=73807">https://data.ntsb.gov/Docket?ProjectID=73807</a>

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