



# Aviation Investigation Final Report

<b>Location:</b>	Groveland, Florida	<b>Accident Number:</b>	ERA12CA254
<b>Date &amp; Time:</b>	March 25, 2012, 17:05 Local	<b>Registration:</b>	N2570C
<b>Aircraft:</b>	FANTASY AIR SRO ALLEGRO 2007	<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 - Ferry		

## Analysis

The pilot stated that a gusting, quartering tailwind was creating turbulence along the landing runway. During the landing, the airplane bounced three times. After the third bounce, the pilot added power to perform a go-around. During the go-around, the wind blew the airplane to the left of the runway, where it struck a tree, then pivoted 180 degrees and struck another tree, damaging the wings and horizontal stabilizer. Postaccident examination revealed no evidence of preimpact mechanical malfunction or failure that would have precluded normal operation.

## 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 directional control during a go-around maneuver in gusty crosswind conditions.

## Findings

<b>Personnel issues</b>	Aircraft control - Pilot
<b>Aircraft</b>	Directional control - Not attained/maintained

## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Abnormal runway contact
<b>Landing-flare/touchdown</b>	Attempted remediation/recovery
<b>Approach-VFR go-around</b>	Loss of control in flight (Defining event)
<b>Approach-VFR go-around</b>	Collision with terr/obj (non-CFIT)

### Pilot Information

<b>Certificate:</b>	Private; Sport Pilot	<b>Age:</b>	62, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Sport pilot None	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	June 18, 2010
<b>Flight Time:</b>	395 hours (Total, all aircraft), 158 hours (Total, this make and model), 180 hours (Pilot In Command, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	FANTASY AIR SRO	<b>Registration:</b>	N2570C
<b>Model/Series:</b>	ALLEGRO 2007	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Special light-sport (Special)	<b>Serial Number:</b>	07-238
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	August 9, 2011 Annual	<b>Certified Max Gross Wt.:</b>	1320 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	26 Hrs at time of accident	<b>Engine Manufacturer:</b>	ROTAX
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	912 ULS
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	100 Horsepower
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	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>	LEE,76 ft msl	<b>Distance from Accident Site:</b>	17 Nautical Miles
<b>Observation Time:</b>	16:53 Local	<b>Direction from Accident Site:</b>	360°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	14 knots / 21 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	280°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.81 inches Hg	<b>Temperature/Dew Point:</b>	27°C / 9°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Jacksonville, FL (CRG )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Groveland, FL (FA42)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	15:30 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Sheets Airport FA42	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	118 ft msl	<b>Runway Surface Condition:</b>	Dry;Vegetation
<b>Runway Used:</b>	18	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2000 ft / 115 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## 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>	28.03861,-81.753608(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Gunther, Todd
<b>Additional Participating Persons:</b>	James A Stenhouse; FAA / FSDO; Orlando, FL
<b>Original Publish Date:</b>	October 15, 2012
<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.nts.gov/Docket?ProjectID=83212">https://data.nts.gov/Docket?ProjectID=83212</a>

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