



# Aviation Investigation Final Report

<b>Location:</b>	Stafford, Virginia	<b>Accident Number:</b>	MIA08CA050
<b>Date &amp; Time:</b>	January 31, 2008, 15:20 Local	<b>Registration:</b>	N211US
<b>Aircraft:</b>	AirIndus Thorpedo T211	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Hard landing	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The flight examiner stated that the accident occur while administering a sport pilot airplane check ride to the student pilot. During the preflight briefing he advised the student pilot that he, the student, would be the pilot in command under FAR 61.47(b) for the practical test. On the third landing, which was a simulated soft field landing, the student pilot flared too high. Shortly thereafter, the airplane collided with the ground, and veered off to the left of the runway. The student pilot did not report ay mechanical or flight control anomalies prior to the accident.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student's improper landing flare and the flight examiner's improper supervision of the student.

## Findings

<b>Aircraft</b>	Landing flare - Incorrect use/operation
<b>Personnel issues</b>	Lack of action - Designated examiner
<b>Personnel issues</b>	Aircraft control - Student/instructed pilot
<b>Personnel issues</b>	Monitoring other person - Designated examiner

## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Hard landing (Defining event)
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### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	55, Male
<b>Airplane Rating(s):</b>	None	<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>	None None	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	63 hours (Total, all aircraft), 63 hours (Total, this make and model), 5 hours (Pilot In Command, all aircraft), 12 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	AirIndus	<b>Registration:</b>	N211US
<b>Model/Series:</b>	Thorpedo T211	<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>	007S
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	December 1, 2007 Annual	<b>Certified Max Gross Wt.:</b>	1270 lbs
<b>Time Since Last Inspection:</b>	410 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	410 Hrs at time of accident	<b>Engine Manufacturer:</b>	Jabiru
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	3300-A
<b>Registered Owner:</b>	Dominion Air Services, Incorporated	<b>Rated Power:</b>	120 Horsepower
<b>Operator:</b>		<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>	KRMN, 211 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	15:20 Local	<b>Direction from Accident Site:</b>	0°
<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>	3 knots / None	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	30°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.48 inches Hg	<b>Temperature/Dew Point:</b>	1°C / 16°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Stafford, VA (RMN )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:15 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Stafford Regional Airport RMN	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	211 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	33	<b>IFR Approach:</b>	Visual
<b>Runway Length/Width:</b>	5000 ft / 100 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	2 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>	2 None	<b>Latitude, Longitude:</b>	38.398056,-77.455558

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Alleyne, Eric
<b>Additional Participating Persons:</b>	Ramon Smeltz; Eastern Region FSDO-27; Washington, DC
<b>Original Publish Date:</b>	March 31, 2008
<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=67448">https://data.nts.gov/Docket?ProjectID=67448</a>

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