



# Aviation Investigation Final Report

<b>Location:</b>	ALBUQUERQUE, New Mexico	<b>Accident Number:</b>	DEN90LA003
<b>Date &amp; Time:</b>	October 8, 1989, 08:00 Local	<b>Registration:</b>	N1059S
<b>Aircraft:</b>	Adams A55	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT REPORTED THAT DURING A LANDING ATTEMPT DURING A BALLOON FIESTA, THE FLIGHT ENCOUNTERED A WIND SHEAR AND SNAGGED A TREE. AFTER BREAKING FREE OF THE TREE, THE WIND PUSHED THE BALLOON INTO POWERLINES. THE BASKET SEVERED THE TOP LINE AND ELECTRICAL ARCING WAS EVERYWHERE, SEVERING FOUR CABLES.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO ADEQUATELY COMPENSATE FOR THE EXISTING WIND CONDITIONS. CONTRIBUTING FACTOR(S) WAS: TREES AND POWER LINES IN THE LANDING AREA.

## Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

### Findings

1. (F) WEATHER CONDITION - WINDSHEAR
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (F) OBJECT - TREE(S)
4. (F) OBJECT - WIRE, TRANSMISSION



## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	37,Female
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>	Balloon	<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>	Unknown Unknown	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	368 hours (Total, all aircraft), 368 hours (Total, this make and model), 361 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Adams	<b>Registration:</b>	N1059S
<b>Model/Series:</b>	A55 A55	<b>Aircraft Category:</b>	Balloon
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	046
<b>Landing Gear Type:</b>	Hull	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>	April 15, 1989 Annual	<b>Certified Max Gross Wt.:</b>	1200 lbs
<b>Time Since Last Inspection:</b>	17 Hrs	<b>Engines:</b>	0 Unknown
<b>Airframe Total Time:</b>	192 Hrs	<b>Engine Manufacturer:</b>	
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	
<b>Registered Owner:</b>	UNKNOWN	<b>Rated Power:</b>	
<b>Operator:</b>	LINDA R. GUY	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Dawn
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	7 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	180°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	4°C / -18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	(NONE)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	(NONE)	<b>Type of Clearance:</b>	
<b>Departure Time:</b>	07:10 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	NONE	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	3 None	<b>Latitude, Longitude:</b>	35.17971,-106.590789(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Collins, Robert
<b>Additional Participating Persons:</b>	DALE HORNER; ALBUQUERQUE , NM
<b>Original Publish Date:</b>	September 30, 1991
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=17854">https://data.nts.gov/Docket?ProjectID=17854</a>

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