



# Aviation Investigation Final Report

<b>Location:</b>	CLARK, Colorado	<b>Accident Number:</b>	DEN84LA289
<b>Date &amp; Time:</b>	August 30, 1984, 08:00 Local	<b>Registration:</b>	N4394E
<b>Aircraft:</b>	RAVEN                      AX-8	<b>Aircraft Damage:</b>	None
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation		

## Analysis

DURING A NORMAL HIGH WIND LANDING A PAX RECEIVED TWO FRACTURES OF THE FIBULA BONE. ANOTHER PAX REPORTED THAT THE INJURED PAX WAS STANDING ON ONE LEG WITH THE OTHER KNEE BENT RESTING ON A PROPANE TANK DURING THE LANDING. PAX WERE REPORTEDLY BRIEFED ON THE PROPER TOUCHDOWN FOOTING STANCE BEFORE THE FLIGHT AND AGAIN RIGHT BEFORE THE LANDING.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

### Findings

Occurrence #1: MISCELLANEOUS/OTHER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

#### Findings

1. PASSENGER BRIEFING - PERFORMED - PILOT IN COMMAND
2. (C) INSTRUCTIONS, WRITTEN/VERBAL - NOT FOLLOWED - PASSENGER

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	33, Male
<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 None	<b>Last FAA Medical Exam:</b>	October 20, 1984
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	95 hours (Total, all aircraft), 19 hours (Total, this make and model), 34 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	RAVEN	<b>Registration:</b>	N4394E
<b>Model/Series:</b>	AX-8 AX-8	<b>Aircraft Category:</b>	Balloon
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	
<b>Landing Gear Type:</b>	Skid	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	710 lbs
<b>Time Since Last Inspection:</b>	8 Hrs	<b>Engines:</b>	Unknown
<b>Airframe Total Time:</b>	8 Hrs	<b>Engine Manufacturer:</b>	NONE
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	NONE
<b>Registered Owner:</b>	MIKE BAUWENS	<b>Rated Power:</b>	
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>	BALLOON THE ROCKIES	<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<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>	20 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>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	-1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	07:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>		<b>Runway Surface Type:</b>	Dirt;Grass/turf
<b>Airport Elevation:</b>	8000 ft msl	<b>Runway Surface Condition:</b>	Vegetation
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	Full stop;Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Serious, 1 None	<b>Aircraft Damage:</b>	None
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Serious, 2 None	<b>Latitude, Longitude:</b>	40.840702,-106.930931(est)

## Administrative Information

**Investigator In Charge (IIC):**      Wunningham, Fred

**Additional Participating Persons:**

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:**              [Class](#)

**Note:**

**Investigation Docket:**              <https://data.nts.gov/Docket?ProjectID=16485>

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