

# NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

**This form to be used for reporting civil and public aircraft accidents and incidents**

## BASIC INFORMATION

### Accident/Incident Location

Nearest City/Place: Peoria State: AZ

ZIP: 85383 Country: Maricopa

Latitude: 33°45'12.49"N Longitude: 112°15'21.75"W

(Enter in decimal degrees or degrees:minutes:seconds)

### Accident/Incident Date/Time

Date: 07/31/2015 Local Time: 07:50  
mm/dd/yyyy

Time Zone: Mountain Time

Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None

## AIRCRAFT INFORMATION

Registration Number: N57EX

Manufacturer: Ultramagic S.A.

Model: N250

Serial Number: 250/59

Year of Manufacture: 2010

Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Kit/Plans ☐ Original Design Make: \_\_\_\_\_

- ☐ IFR-Equipped and Certified  
☐ Commercial Space Flight  
☐ Unmanned Aircraft

Maximum Gross Weight: 5,308.73 lbs

Weight at Time of Accident/Incident: 3,095.6 lbs

Number of Seats: n/a Flight Crew Seats: n/a

Cabin Crew Seats: n/a Passenger Seats: n/a

Number of Engines: n/a

### Category of Aircraft

- ☐ Airplane  
☒ Balloon  
☐ Blimp/Dirigible  
☐ Glider  
☐ Gyroplane  
☐ Helicopter  
☐ Powered Lift  
☐ Rocket  
☐ Ultralight  
☐ Unknown

### Type of Airworthiness Certificate

(Check all that apply)

#### Standard

- ☐ Normal  
☐ Aerobatic  
☒ Balloon  
☐ Commuter  
☐ Transport  
☐ Utility

#### Special

- ☐ Restricted  
☐ Limited  
☐ Provisional  
☐ Special Flight  
☐ Experimental  
☐ Special Light-Sport  
☐ Experimental Light-Sport

- ☐ Certificate of Authorization or Waiver (COA)  
☐ None ☐ Unknown

### Landing Gear

(Check all that apply)

☐ Retractable

- ☐ Tricycle ☐ Tailwheel  
☐ Amphibian ☐ High Skid  
☐ Emergency Float ☐ Skid  
☐ Float ☐ Ski  
☐ Hull ☐ Ski/Wheel

☐ Other Launch/Recovery System

☒ None ☐ Unknown

### Engine Type (Select one)

- ☐ Reciprocating ☐ Liquid Rocket  
☐ Turbo Shaft ☐ Solid Rocket  
☐ Turbo Prop ☐ Hybrid Rocket  
☐ Turbo Jet ☒ None  
☐ Turbo Fan ☐ Unknown  
☐ Electric

### Fuel System Type (Reciprocating)

- ☐ Carburetor ☐ Fuel-Injected

| Engine | Engine Manufacturer | Engine Model/Series | Manufacturer's Serial Number | Date of Mfg.<br>mm/dd/yyyy | Rated Power<br><input type="radio"/> Horsepower or<br><input type="radio"/> lbs of Thrust | Total Time<br>(hours) | Time Since:<br>Inspection<br>(hours) | Overhaul<br>(hours) |
|--------|---------------------|---------------------|------------------------------|----------------------------|-------------------------------------------------------------------------------------------|-----------------------|--------------------------------------|---------------------|
| Eng. 1 |                     |                     |                              |                            |                                                                                           |                       |                                      |                     |
| Eng. 2 |                     |                     |                              |                            |                                                                                           |                       |                                      |                     |
| Eng. 3 |                     |                     |                              |                            |                                                                                           |                       |                                      |                     |
| Eng. 4 |                     |                     |                              |                            |                                                                                           |                       |                                      |                     |

### Last Inspection Type

- ☒ 100-Hour ☐ Continuous Airworthiness  
☐ AAIP ☐ Conditional Inspection  
☐ Annual ☐ Unknown

Date Last Inspection: 04/03/2015  
mm/dd/yyyy

Airframe Total Time: 967.2 hrs

hours measured at (Select one)

☐ Last Inspection ☒ Time of Accident/Incident

### Type of Maintenance Program (Select one)

- ☐ Annual  
☐ Conditional (Amateur-built only)  
☐ Manufacturer's Inspection Program  
☐ Other Approved Inspection Program (AAIP)  
☒ Continuous Airworthiness  
☐ Other, specify: \_\_\_\_\_

### Description of Fire Extinguishing System

- ☐ None  
☒ Specify: Portable Hand Held

### Propeller 1

- ☐ Fixed Pitch  
☐ Controllable Pitch  
☐ Ground Adjustable

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

### Propeller 2

- ☐ Fixed Pitch  
☐ Controllable Pitch  
☐ Ground Adjustable

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

ELT Installed: ☐ Yes ☒ No

If Yes:

ELT Manufacturer: \_\_\_\_\_

Model or Part No.: \_\_\_\_\_

TSO No.: ☐ OC91 (121.5 MHz) ☐ OC91a (121.5 MHz)  
☐ OC126 (406 MHz)

Was ELT still mounted in aircraft? ☐ Yes ☐ No

Was ELT still connected to antenna? ☐ Yes ☐ No

Did ELT Activate? ☐ Yes ☐ No

If activated:

Did ELT Aid in Locating Aircraft? ☐ Yes ☐ No

If not activated:

- Indicate Reason: ☐ Impact Damage  
☐ Fire Damage  
☐ Battery Expired/Damaged  
☐ Unknown

### Additional Equipment (Check all that apply)

- ☐ ADS-B  
☐ Airframe Parachute  
☐ Angle of Attack Indicator  
☐ Autopilot  
☐ Data Recorder  
☒ Electronic Flight Bag or Handheld Device  
☐ Electronic Multifunction Display  
☐ Electronic Primary Flight Display  
☐ Handheld GPS  
☐ Heads Up Display  
☐ Onboard Weather  
☐ Satellite Tracking Device  
☐ Stall Warning System  
☐ Video Recording Device  
☐ Other, Specify: \_\_\_\_\_

**OWNER/OPERATOR INFORMATION****Registered Aircraft Owner**Name: MARS-LEASING COMPANY, INC.City: PhoenixState: AZZIP: 85024Fractional Ownership Aircraft: ☐ Yes ☒ NoCountry: USA**Operator of Aircraft**☐ Same As Registered Owner☒ Same Address as Registered OwnerName: HOT AIR EXPEDITIONS, INC..

City: \_\_\_\_\_

Doing Business As: \_\_\_\_\_

State: \_\_\_\_\_

ZIP: \_\_\_\_\_

Air Carrier/Operator Designator (4 Character Code): n/a

Country: \_\_\_\_\_

**Operating Certificates Held**

(Check all that apply)

- ☒ None  
☐ Flag Carrier Operating Certificate (FAR 121)  
☐ Supplemental  
☐ Air Cargo  
☐ Foreign Air Carriers (FAR 129)  
☐ Rotorcraft External Load (FAR 133)  
☐ Commuter Air Carrier (FAR 135)  
☐ On-Demand Air Taxi (FAR 135)  
☐ Commercial Air Tour (FAR 136)  
☐ Agricultural Aircraft (FAR 137)  
☐ Pilot School (FAR 141)  
☐ Certificate of Authorization or Waiver (COA)  
☐ Commercial Space Transportation  
Experimental Permit  
☐ Commercial Space Transportation License  
☐ Other Operator of Large Aircraft

**Regulation Flight Conducted Under**

- ☒ FAR 91 ☐ FAR 129 ☐ FAR 415  
☐ FAR 103 ☐ FAR 133 ☐ FAR 431  
☐ FAR 121 ☐ FAR 135 ☐ FAR 435  
☐ FAR 125 ☐ FAR 137 ☐ FAR 437
- ☐ FAR 91 Special Flight  
☐ Non-US, Commercial  
☐ Non-US, Non-commercial
- ☐ Public Aircraft (Select one)  
☐ Armed Forces  
☐ Federal  
☐ State  
☐ Local  
☐ Unknown

**Revenue Operation for FAR 121, 125, 129, 135**

(Select one for each group)

- ☐ Scheduled or Commuter ☐ Domestic  
☐ Non-Scheduled or Air Taxi ☐ International
- ☐ Passenger  
☐ Cargo  
☐ Mail Contract Only

**Purpose of Flight for FAR 91, 103, 133, 137**

(Select one)

- ☐ Aerial Application ☐ Firefighting ☒ Unknown  
☐ Aerial Observation ☐ Flight Test  
☐ Air Drop ☐ Glider Tow  
☐ Air Race/Show ☐ Instructional  
☐ Banner Tow ☐ Other Work Use  
☐ Business ☐ Personal  
☐ Executive/Corporate ☐ Positioning  
☐ External Load ☐ Skydiving  
☐ Ferry

**Revenue Sightseeing Flight**☒ Yes ☐ No**Air Medical Flight**☐ Yes ☒ No**AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)**

Airport Name: \_\_\_\_\_

Distance From Airport Center: \_\_\_\_\_ sm

Airport Identifier: \_\_\_\_\_

Direction From Airport: \_\_\_\_\_ degrees true

Proximity to Airport: ☐ Off Airport/Airstrip ☐ On Airport/Airstrip ☒ N/A

Airport Elevation: \_\_\_\_\_ ft. msl

**Runway Information**

Runway ID: \_\_\_\_\_ (L/R/C) Length: \_\_\_\_\_ ft Width: \_\_\_\_\_ ft

**Runway/Landing Surface (Check all that apply)**

- ☐ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water  
☐ Concrete ☐ Gravel ☐ Metal/Wood  
☐ Dirt ☐ Ice ☐ Snow ☐ Unknown

**Condition of Runway/Landing Surface (Check all that apply)**

- ☐ Dry ☐ Snow-Compacted ☐ Water-Calm  
☐ Holes ☐ Snow-Crusted ☐ Water-Choppy  
☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy  
☐ Rough ☐ Snow-Wet ☐ Wet  
☐ Rubber Deposits ☐ Soft  
☐ Slush-Covered ☐ Vegetation ☐ Unknown

**Approach/Departure Segment (Select one)**

- ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach  
☐ Takeoff ☐ IFR Departure Procedure/Clearance ☐ Landing ☐ Base ☐ Go Around  
☐ Initial Climb ☐ Aborted Landing (after touchdown)  
☐ Crosswind ☐ Unknown

**IFR Approach (Check all that apply)**

- ☐ None
- ☐ ADF/NDB ☐ PAR ☐ MLS ☐ Practice  
☐ SDF ☐ Sidestep ☐ LDA ☐ GPS  
☐ VOR/TVOR ☐ ILS ☐ ASR  
☐ VOR/DME ☐ Localizer Only ☐ Visual  
☐ TACAN ☐ LOC-back course ☐ Contact  
☐ RNAV ☐ Circling  
☐ Unknown

**VFR Approach (Check all that apply)**

- ☐ None
- ☐ Traffic Pattern ☐ Stop and Go  
☐ Straight-In ☐ Touch and Go  
☐ Valley/Terrain Following ☐ Simulated Forced Landing  
☐ Go Around ☐ Forced Landing  
☐ Full Stop ☐ Precautionary Landing  
☐ Unknown

## "FLIGHT CREWMEMBER 1" INFORMATION

### "Flight Crewmember 1" Responsibilities at the Time of Accident/Incident

☒ Pilot
 ☐ Co-Pilot
 ☐ Student Pilot
 ☐ Flight Instructor
 ☐ Check Pilot
 ☐ Flight Engineer
 ☐ Other Flight Crew

"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No

### "Flight Crewmember 1" Identification

First Name: William City of Residence: Phoenix  
 Middle Initial: H State: AZ ZIP: 85021  
 Last Name: Heck Country: Maricopa  
 Age at time of Accident/Incident: 57 Date of Birth:                      mm/dd/yyyy  
 Certificate Number:                     

#### Degree of Injury

☒ None
 ☐ Fatal  
☐ Minor
 ☐ Unknown  
☐ Serious

#### Seat Occupied

☐ Left
 ☐ Front
 ☒ Unknown  
☐ Right
 ☐ Rear  
☐ Center
 ☐ Single

#### Restraint Type

##### Available

☒ None  
☐ Lap only  
☐ 3-point  
☐ 4-point  
☐ 5-point  
☐ Unknown

##### Used

☒ None  
☐ Lap only  
☐ 3-point  
☐ 4-point  
☐ 5-point  
☐ Unknown

#### Inflatable Restraints

☐ Not Installed  
☐ Installed  
☐ Not Deployed  
☐ Deployed  
☐ Unknown

#### Pilot Certificate(s) (Check all that apply)

☐ None
 ☐ Flight Instructor
 ☒ Commercial
 ☐ US Military  
☐ Private
 ☐ Recreational
 ☐ Airline Transport
 ☐ Foreign  
☐ Student
 ☐ Sport
 ☐ Flight Engineer

#### Principal Occupation

☒ Pilot  
☐ Other  
☐ Unknown

#### Medical Certificate

☒ None
 ☐ Class 3  
☐ Class 1
 ☐ Driver's License (Sport Pilot only)  
☐ Class 2
 ☐ Unknown

#### Medical Certificate Validity

☐ Without limitations/waivers
 ☐ Unknown  
☐ With limitations/waivers
 ☒ N/A  
☐ Special Issuance

#### Date of Last Medical

n/a  
 mm/dd/yyyy

#### Medical Certificate Limitations

n/a

#### Medical Certificate Special Issuance

n/a

#### Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

10/12/2013  
 mm/dd/yyyy

#### Flight Review Aircraft

Make: Ultramagic S.A.  
 Model: N250

#### Airplane Rating(s)

(Check all that apply)  
☒ None  
☐ Single-Engine Land  
☐ Single-Engine Sea  
☐ Multiengine Land  
☐ Multiengine Sea

#### Other Aircraft Rating(s)

(Check all that apply)  
☐ None  
☐ Airship  
☒ Balloon  
☐ Glider  
☐ Gyroplane  
☐ Helicopter  
☐ Powered Lift

#### Instrument Rating(s)

(Check all that apply)  
☒ None  
☐ Airplane  
☐ Helicopter  
☐ Powered Lift

#### Instructor Rating(s)

(Check all that apply)  
☒ None
 ☐ Instrument Airplane  
☐ Airplane Single-Engine
 ☐ Instrument Helicopter  
☐ Airplane Multi-Engine
 ☐ Helicopter  
☐ Gyroplane
 ☐ Glider  
☐ Powered Lift
 ☐ Sport

#### Type Ratings

Lighter Than Air Free Balloon

#### Student Endorsements (Include dates)

| Flight Time (Enter appropriate number of hours in each box) | All Aircraft | This Make & Model | Airplane Single Engine | Airplane Multiengine | Night | Instrument |           | Rotorcraft | Glider | Lighter Than Air |
|-------------------------------------------------------------|--------------|-------------------|------------------------|----------------------|-------|------------|-----------|------------|--------|------------------|
|                                                             |              |                   |                        |                      |       | Actual     | Simulated |            |        |                  |
| Total Time                                                  | 5,000        | 1,300             | 0                      | 0                    | 0     | 0          | 0         | 0          | 0      | 5,000            |
| Pilot in Command (PIC)                                      | 5,000        | 1,300             |                        |                      |       |            |           |            |        | 5,000            |
| Time as Instructor                                          | 50           | 0                 |                        |                      |       |            |           |            |        | 50               |
| This Make/Model                                             |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 90 Days                                                |              | 35                |                        |                      |       |            |           |            |        |                  |
| Last 30 Days                                                |              | 15                |                        |                      |       |            |           |            |        |                  |
| Last 24 Hours                                               |              | 2                 |                        |                      |       |            |           |            |        |                  |

## “FLIGHT CREWMEMBER 2” INFORMATION

### “Flight Crewmember 2” Responsibilities at the Time of Accident/Incident

☐ Pilot  
 ☐ Co-Pilot  
 ☐ Student Pilot  
 ☐ Flight Instructor  
 ☐ Check Pilot  
 ☐ Flight Engineer  
 ☐ Other Flight Crew

“Flight Crewmember 2” was pilot flying   ☐ Yes   ☐ No

### “Flight Crewmember 2” Identification

First Name: \_\_\_\_\_ City of Residence: \_\_\_\_\_  
 Middle Initial: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 Last Name: \_\_\_\_\_ Country: \_\_\_\_\_  
 Age at time of Accident/Incident: \_\_\_\_\_ Date of Birth: \_\_\_\_\_ mm/dd/yyyy  
 Certificate Number: \_\_\_\_\_

#### Degree of Injury

☐ None   ☐ Fatal  
☐ Minor   ☐ Unknown  
☐ Serious

#### Seat Occupied

☐ Left   ☐ Front   ☐ Unknown  
☐ Right   ☐ Rear  
☐ Center   ☐ Single

#### Restraint Type

##### Available

☐ None  
☐ Lap only  
☐ 3-point  
☐ 4-point  
☐ 5-point  
☐ Unknown

##### Used

☐ None  
☐ Lap only  
☐ 3-point  
☐ 4-point  
☐ 5-point  
☐ Unknown

#### Inflatable Restraints

☐ Not Installed  
☐ Installed  
☐ Not Deployed  
☐ Deployed  
☐ Unknown

#### Pilot Certificate(s) (Check all that apply)

☐ None   ☐ Flight Instructor   ☐ Commercial   ☐ US Military  
☐ Private   ☐ Recreational   ☐ Airline Transport   ☐ Foreign  
☐ Student   ☐ Sport   ☐ Flight Engineer

#### Principal Occupation

☐ Pilot  
☐ Other  
☐ Unknown

#### Medical Certificate

☐ None   ☐ Class 3  
☐ Class 1   ☐ Driver's License (Sport Pilot only)  
☐ Class 2   ☐ Unknown

#### Medical Certificate Validity

☐ Without limitations/waivers   ☐ Unknown  
☐ With limitations/waivers   ☐ N/A  
☐ Special Issuance

#### Date of Last Medical

\_\_\_\_\_ mm/dd/yyyy

#### Medical Certificate Limitations

#### Medical Certificate Special Issuance

#### Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

\_\_\_\_\_ mm/dd/yyyy

#### Flight Review Aircraft

Make: \_\_\_\_\_

Model: \_\_\_\_\_

#### Airplane Rating(s) (Check all that apply)

☐ None  
☐ Single-Engine Land  
☐ Single-Engine Sea  
☐ Multiengine Land  
☐ Multiengine Sea

#### Other Aircraft Rating(s) (Check all that apply)

☐ None  
☐ Airship  
☒ Balloon  
☐ Glider  
☐ Gyroplane  
☐ Helicopter  
☐ Powered Lift

#### Instrument Rating(s) (Check all that apply)

☐ None  
☐ Airplane  
☐ Helicopter  
☐ Powered Lift

#### Instructor Rating(s) (Check all that apply)

☐ None   ☐ Instrument Airplane  
☐ Airplane Single-Engine   ☐ Instrument Helicopter  
☐ Airplane Multi-Engine   ☐ Helicopter  
☐ Gyroplane   ☐ Glider  
☐ Powered Lift   ☐ Sport

#### Type Ratings

#### Student Endorsements (Include dates)

| Flight Time (Enter appropriate number of hours in each box) | All Aircraft | This Make & Model | Airplane Single Engine | Airplane Multiengine | Night | Instrument |           | Rotorcraft | Glider | Lighter Than Air |
|-------------------------------------------------------------|--------------|-------------------|------------------------|----------------------|-------|------------|-----------|------------|--------|------------------|
|                                                             |              |                   |                        |                      |       | Actual     | Simulated |            |        |                  |
| Total Time                                                  |              |                   |                        |                      |       |            |           |            |        |                  |
| Pilot in Command (PIC)                                      |              |                   |                        |                      |       |            |           |            |        |                  |
| Time as Instructor                                          |              |                   |                        |                      |       |            |           |            |        |                  |
| This Make/Model                                             |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 90 Days                                                |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 30 Days                                                |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 24 Hours                                               |              |                   |                        |                      |       |            |           |            |        |                  |

| ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                |                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Crew Name and Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                     | <b>Seat Occupied</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Injury</b>                                                                                                                                                                                                                  |                                                                                                                                                                              |
| First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                     | <input type="radio"/> Left <input type="radio"/> Front<br><input type="radio"/> Center <input type="radio"/> Rear<br><input type="radio"/> Right <input type="radio"/> Single<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                     |                                                                                                                                                                              |
| <b>Pilot Certificate(s)</b> (Check all that apply)<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> None<br/> <input type="checkbox"/> Private<br/> <input type="checkbox"/> Student               </div> <div> <input type="checkbox"/> Flight Instructor<br/> <input type="checkbox"/> Recreational<br/> <input type="checkbox"/> Sport               </div> <div> <input type="checkbox"/> Commercial<br/> <input type="checkbox"/> Airline Transport<br/> <input type="checkbox"/> Flight Engineer               </div> <div> <input type="checkbox"/> US Military<br/> <input type="checkbox"/> Foreign               </div> </div> |  |                                                                                                                                                     | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="flex: 1;"> <b>Available</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> <div style="flex: 1;"> <b>Used</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Inflatable Restraints</b><br><input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown |                                                                                                                                                                              |
| <b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Total Flight Time at the Time of this Accident/Incident:</b> _____ hrs                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                |                                                                                                                                                                              |
| <b>Crew Name and Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                     | <b>Seat Occupied</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Injury</b>                                                                                                                                                                                                                  |                                                                                                                                                                              |
| First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                     | <input type="radio"/> Left <input type="radio"/> Front<br><input type="radio"/> Center <input type="radio"/> Rear<br><input type="radio"/> Right <input type="radio"/> Single<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                     |                                                                                                                                                                              |
| <b>Pilot Certificate(s)</b> (Check all that apply)<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> None<br/> <input type="checkbox"/> Private<br/> <input type="checkbox"/> Student               </div> <div> <input type="checkbox"/> Flight Instructor<br/> <input type="checkbox"/> Recreational<br/> <input type="checkbox"/> Sport               </div> <div> <input type="checkbox"/> Commercial<br/> <input type="checkbox"/> Airline Transport<br/> <input type="checkbox"/> Flight Engineer               </div> <div> <input type="checkbox"/> US Military<br/> <input type="checkbox"/> Foreign               </div> </div> |  |                                                                                                                                                     | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="flex: 1;"> <b>Available</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> <div style="flex: 1;"> <b>Used</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Inflatable Restraints</b><br><input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown |                                                                                                                                                                              |
| <b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Total Flight Time at the Time of this Accident/Incident:</b> _____ hrs                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                |                                                                                                                                                                              |
| PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                |                                                                                                                                                                              |
| <b>Name and Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Seat</b>                                                                                                                                         | <b>Injury</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Restraint Type</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                | <b>Inflatable Restraints</b>                                                                                                                                                 |
| First Name: <u>Randy</u> City : <u>Red Deer</u><br>Middle Initial: _____ State: <u>AB</u> ZIP: <u>T4N0C8</u><br>Last Name: <u>Haring</u> Country: <u>Canada</u><br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew      <input checked="" type="radio"/> Passenger      <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                           |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input checked="" type="radio"/> Unknown<br>Row: _____ | <input checked="" type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Available</b><br><input checked="" type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown<br><b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input checked="" type="radio"/> Unknown |
| First Name: <u>Carol-Anne</u> City : <u>Red Deer</u><br>Middle Initial: _____ State: <u>AB</u> ZIP: <u>T4N0C8</u><br>Last Name: <u>Haring</u> Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew      <input checked="" type="radio"/> Passenger      <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                              |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input checked="" type="radio"/> Unknown<br>Row: _____ | <input checked="" type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Available</b><br><input checked="" type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown<br><b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input checked="" type="radio"/> Unknown |
| First Name: <u>Mirella</u> City : <u>Hamilton</u><br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: <u>Fidanza</u> Country: <u>Canada</u><br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew      <input checked="" type="radio"/> Passenger      <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                    |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input checked="" type="radio"/> Unknown<br>Row: _____ | <input checked="" type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Available</b><br><input checked="" type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown<br><b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input checked="" type="radio"/> Unknown |
| First Name: <u>Sue</u> City : <u>Tucson</u><br>Middle Initial: _____ State: <u>AZ</u> ZIP: _____<br>Last Name: <u>Wilson</u> Country: <u>USA</u><br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew      <input checked="" type="radio"/> Passenger      <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                          |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input checked="" type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input checked="" type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Available</b><br><input checked="" type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown<br><b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input checked="" type="radio"/> Unknown |

## FLIGHT ITINERARY INFORMATION

|                                                                                                                          |                                                                         |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Last Departure Point</b><br>Airport ID: <u>n/a</u><br>City: <u>Phoenix</u><br>State: <u>AZ</u><br>Country: <u>USA</u> | <b>Time of Departure</b><br>Time: <u>06:25</u><br>Time Zone: <u>MST</u> | <b>Destination</b><br>Airport ID: <u>n/a</u><br>City: <u>unknown</u><br>State: <u>AZ</u><br>Country: <u>USA</u> | <b>Type Flight Plan Filed</b><br><input checked="" type="radio"/> None <input type="radio"/> VFR/IFR<br><input type="radio"/> Company VFR <input type="radio"/> IFR<br><input type="radio"/> Military VFR <input type="radio"/> Unknown<br><input type="radio"/> VFR<br><b>Activated?</b> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Type of ATC Clearance/Service (Check all that apply)

|                                          |                                      |                                      |                                               |                                                  |
|------------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------------------|--------------------------------------------------|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Special VFR | <input type="checkbox"/> Special IFR | <input type="checkbox"/> VFR Flight Following | <input type="checkbox"/> Cruise                  |
| <input type="checkbox"/> VFR             | <input type="checkbox"/> IFR         | <input type="checkbox"/> VFR On Top  | <input type="checkbox"/> Traffic Advisory     | <input checked="" type="checkbox"/> Unknown / NA |

### Airspace where the accident/incident occurred (Check all that apply)

|                                                                                                                                                                                  |                                                                                                                                                                                                         |                                                                                                                                                                                                                             |                                                                                                                                      |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Class A<br><input type="checkbox"/> Class B<br><input type="checkbox"/> Class C<br><input type="checkbox"/> Class D<br><input type="checkbox"/> Class E | <input type="checkbox"/> Class G<br><input type="checkbox"/> Demo Area<br><input type="checkbox"/> Warning Area<br><input type="checkbox"/> Prohibited Area<br><input type="checkbox"/> Restricted Area | <input type="checkbox"/> Military Operations Area (MOA)<br><input type="checkbox"/> Airport Advisory Area<br><input type="checkbox"/> Jet Training Area<br><input type="checkbox"/> TRSA<br><input type="checkbox"/> FAR 93 | <input type="checkbox"/> Special<br><input type="checkbox"/> Air Traffic Control Area<br><input checked="" type="checkbox"/> Unknown | <b>Altitude of In-Flight Occurrence:</b><br>_____ ft msl |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

## WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

### Source of Pilot Weather Information

(Check all that apply)

|                                                              |                                              |
|--------------------------------------------------------------|----------------------------------------------|
| <input checked="" type="checkbox"/> National Weather Service | <input checked="" type="checkbox"/> Company  |
| <input type="checkbox"/> Flight Service Station              | <input type="checkbox"/> Military            |
| <input type="checkbox"/> TV/Radio                            | <input checked="" type="checkbox"/> Internet |
| <input type="checkbox"/> Automated Report                    | <input type="checkbox"/> None                |
| <input type="checkbox"/> Commercial Weather Service (DUATS)  | <input type="checkbox"/> Unknown             |
| <input type="checkbox"/> On-Board Weather                    |                                              |

### Weather Observation Facility

Facility ID: n/a

Observation Time: \_\_\_\_\_

Time Zone: \_\_\_\_\_

Distance from Accident Site: \_\_\_\_\_ nm

Direction from Accident Site: \_\_\_\_\_ degrees true

### Basic Conditions

☒ VMC  
☐ IMC  
☐ Unknown

### Light Condition

☐ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown  
☒ Day ☐ Night ☐ Bright Night

### Sky/Lowest Cloud Condition

☐ Clear ☐ Thin Broken  
☐ Few ☐ Thin Overcast  
☐ Partial Obscuration ☒ Unknown  
☐ Scattered

### Lowest Cloud Condition Height

\_\_\_\_\_ ft agl

### Ceiling

☐ None (Clear) ☐ Obscured  
☐ Broken ☐ Indefinite  
☐ Overcast ☒ Unknown

### Ceiling Height

\_\_\_\_\_ ft agl

**Temperature:** \_\_\_\_\_ (C) or 91 (F)

**Dew Point:** \_\_\_\_\_ (C) or 60.1 (F)

**Altimeter Setting:** n/a in. Hg  
or n/a MB

### Wind Direction

☐ Variable

-or-  
Direction: 010 degrees true

### Wind Speed

☐ Calm  
☐ Light and Variable

-or-  
Speed: 7 kts

### Wind Gusts

☒ Not Gusting

-or-  
Speed: \_\_\_\_\_ kts

**Visibility** 20 + miles

RVR: \_\_\_\_\_ feet

RVV: \_\_\_\_\_ miles

**Density Altitude:** \_\_\_\_\_ ft

### Intensity of Precipitation

☐ Light  
☐ Moderate  
☐ Heavy  
☒ N/A  
☐ Unknown

### Type of Precipitation (Check all that apply)

|                                          |                                       |                                             |
|------------------------------------------|---------------------------------------|---------------------------------------------|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Drizzle      | <input type="checkbox"/> Freezing Rain      |
| <input type="checkbox"/> Rain            | <input type="checkbox"/> Ice Pellets  | <input type="checkbox"/> Snow Shower        |
| <input type="checkbox"/> Snow            | <input type="checkbox"/> Snow Pellets | <input type="checkbox"/> Ice Pellets Shower |
| <input type="checkbox"/> Hail            | <input type="checkbox"/> Snow Grains  | <input type="checkbox"/> Freezing Drizzle   |
| <input type="checkbox"/> Rain Showers    | <input type="checkbox"/> Ice Crystals |                                             |

### Restriction to Visibility (Check all that apply)

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Fog        |
| <input type="checkbox"/> Blowing Dust    | <input type="checkbox"/> Ground Fog |
| <input type="checkbox"/> Blowing Sand    | <input type="checkbox"/> Haze       |
| <input type="checkbox"/> Blowing Snow    | <input type="checkbox"/> Ice Fog    |
| <input type="checkbox"/> Blowing Spray   | <input type="checkbox"/> Smoke      |
| <input type="checkbox"/> Dust            | <input type="checkbox"/> Unknown    |

### Icing Forecast

| Amount                                | Type                          |
|---------------------------------------|-------------------------------|
| <input checked="" type="radio"/> None | <input type="radio"/> N/A     |
| <input type="radio"/> Trace           | <input type="radio"/> Rime    |
| <input type="radio"/> Light           | <input type="radio"/> Clear   |
| <input type="radio"/> Moderate        | <input type="radio"/> Mixed   |
| <input type="radio"/> Severe          | <input type="radio"/> Unknown |
| <input type="radio"/> Unknown         |                               |

### Icing Actual

| Amount                                | Type                          |
|---------------------------------------|-------------------------------|
| <input checked="" type="radio"/> None | <input type="radio"/> N/A     |
| <input type="radio"/> Trace           | <input type="radio"/> Rime    |
| <input type="radio"/> Light           | <input type="radio"/> Clear   |
| <input type="radio"/> Moderate        | <input type="radio"/> Mixed   |
| <input type="radio"/> Severe          | <input type="radio"/> Unknown |
| <input type="radio"/> Unknown         |                               |

### Turbulence

| Type (Check all that apply)                    | Severity                          |
|------------------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> None       | <input type="checkbox"/> Light    |
| <input type="checkbox"/> Clear Air             | <input type="checkbox"/> Moderate |
| <input type="checkbox"/> Terrain-Induced       | <input type="checkbox"/> Severe   |
| <input type="checkbox"/> Convective Turbulence | <input type="checkbox"/> Extreme  |

### NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:

None

**DAMAGE TO AIRCRAFT AND OTHER PROPERTY****Aircraft Damage**

- ☒ None      ☐ Substantial  
☐ Minor      ☐ Destroyed  
                 ☐ Unknown

**Aircraft Fire**

- ☒ None      ☐ Both Ground and In-Flight  
☐ In-Flight      ☐ Fire at Unknown Time  
☐ On-Ground      ☐ Unknown

**Aircraft Explosion**

- ☒ None      ☐ Both Ground and In-Flight  
☐ In-Flight      ☐ Explosion at Unknown Time  
☐ On-Ground      ☐ Unknown

**Description of Damage to Aircraft and Other Property** *(Use additional sheet if necessary)*

n/a

**NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)**

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State departure time and location, services obtained, and intended destination. Provide as much detail as possible.

This flight was a sightseeing flight in a hot air balloon, conducted on 31 July 2015 in the desert areas southeast of Lake Pleasant. There were a minimum of five other hot air balloons that took off from the same area. Before the flight, weather forecasts were culled from various internet websites that included but was not limited to: <http://www.aviationweather.gov/progchart/sfc>, which provided a WPC Surface Analysis; <http://www.blastvalve.com/weather/az/>, which provided hourly surface wind forecasts as well as an RUC Wind Profiler showing forecast winds aloft (soundings). Weather conditions were optimal for a flight that morning.

A standard pre-flight briefing was conducted with all the occupants in the basket before lifting off. This included instructions on proper "landing positions" for the landing. These instructions were clearly explained and then demonstrated by myself and then each passenger was told to physically exhibit their understanding of those instructions. I double checked with each individual, making sure that they understood my instructions and were properly positioned as if we were landing. The passengers were also told that it is imperative they stay in that position after the landing and until I said otherwise. These same instructions were reviewed  $\frac{3}{4}$  of the way into the flight and again as we approached the landing site during the final few minutes while at level flight and about to touchdown.

Lift off was at 06:25, departing from the Carefree Highway and 51st Avenue in the desert. The surface winds were to the south at approximately 5 mph. Immediately after the launch, I ascended to 1,000 feet AGL where we obtained a speed of approximately 5 mph heading southwest. The flight continued for approximately 1 hour with slight variations of altitude (+/-300 feet) and direction, but maintaining a SW flight direction. Approximately  $\frac{1}{2}$  mile south of Arizona State Route 303 and approximately  $\frac{1}{2}$  mile east of 99th Avenue, a descent was initiated to approach a possible landing site. During the descent, the hot air balloon slowly turned to a southerly course that paralleled 99th Avenue. Level flight was achieved and maintained approximately  $\frac{1}{4}$  mile before touching down at approximately 6 feet above the ground. The deflation vent was opened approximately 30 yards prior to touching down at a speed of approximately 8 mph. From the touchdown point, the basket dragged across the ground approximately 36 feet, coming to a complete stop with the basket in an upright position and stable. The approximate time of landing was 07:40 at the SW corner of 99th Avenue and Dixieleta Drive.

All passengers were in "landing positions" and were advised to stay in their "landing positions". The envelope continued to deflate and when it was approximately 90% deflated, a wind gust caught the fabric that still had captured hot air. This event in turn, pulled the load tapes that run from the top of the envelope to the cables that are attached to the basket. This force started to pull the basket over on its side. As I felt the basket start to tip forward, I instantly commanded the passengers to stay in landing positions. While maintaining my balance, I stepped out of the basket and continuing to hold and pull the deflation line to insure the envelope's total deflation. To the best of my knowledge, and all occupants were still in "landing positions" with the basket now on its side. After turning back towards the basket, I observed one passenger lying on the ground, on her back. It seems that she slid forward and out of the basket as it turned over on its side. It should be noted that it is not unusual for a hot air balloon basket to "tip over" on its side during a high wind landing or if the winds pickup during deflation procedures.

The passenger lying on the ground was Sue Wilson. Ms. Wilson, who has flown in a hot air balloon before, advised me that she was ok but her back ached. She asked us to let her sit in the chase van with the air conditioning running and thought she might be ok after a rest. Eventually it was decided to transport Ms. Wilson to a hospital to be checked out, which she was.

No other passengers were injured. The landing site was flat, hard packed desert dirt. There was no damage done to any component of the aircraft.

END OF NARRATIVE

**RECOMMENDATION (How could this accident/incident have been prevented?)**

Operator/Owner Safety Recommendation

**MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)**Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No

(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

**Total Time/Cycles  
On Part**

\_\_\_\_\_ Hours

\_\_\_\_\_ Cycles

**Time Since This Part  
Inspected/Overhauled**

\_\_\_\_\_ Hours

**FUEL & SERVICES INFORMATION****Fuel on Board at Last Takeoff**

(Convert from pounds, as necessary)

84 Gallons**Fuel Type**☐ 80/87☐ 115/145☐ Jet B☒ Other, specify Propane☐ 100 Low Lead☐ Jet A☐ JP8☐ 100/130☐ Jet A-1☐ Automotive**Other Services, if Any, Prior to Departure**None.**EVACUATION OF AIRCRAFT**Was an emergency evacuation of the aircraft performed? ☐ Yes ☒ No**Method of Exit** – Describe how the occupants exited and how many occupants evacuated each location**OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)****Aircraft Registration Number**n/a**Manufacturer:** \_\_\_\_\_**Model:** \_\_\_\_\_**Damage to Other Aircraft**☐ Destroyed☐ Minor☐ Substantial☐ None**Registered Owner of Other Aircraft**

Name: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Country: \_\_\_\_\_

**Pilot of Other Aircraft**

Name: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Country: \_\_\_\_\_

**ADDITIONAL INFORMATION (Please type or print in ink)**

Use this space if additional space is needed for any answers.

Continued from page 7

**Additional Passenger Information**

| Passenger                                             | Seat    | Injury | Restraint Type | Age     |
|-------------------------------------------------------|---------|--------|----------------|---------|
| Thomas Pearl<br>Chicago, IL 60618                     | Unknown | None   | None           | Unknown |
| Madeline Pearl<br>Chicago, IL 60618                   | Unknown | None   | None           | Unknown |
| Greta Pearl<br>Chicago, IL 60618                      | Unknown | None   | None           | Unknown |
| Gemevieve Pearl<br>Chicago, IL 60618                  | Unknown | None   | None           | Unknown |
| Karley Pearl<br>Chicago, IL 60618                     | Unknown | None   | None           | Unknown |
| Viviana Fachin<br>Oakville, Ontario, Canada<br>L6H155 | Unknown | None   | None           | Unknown |

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**I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE****Date of this Report**09/10/2015*mm/dd/yyyy***Name of Pilot/Operator:** William Harrison Heck**Signature:** \_\_\_\_\_*-- or --*☐ Check here to electronically sign this document**If a Person Other than Pilot/Operator is Filing Report****Name:** \_\_\_\_\_**Title:** \_\_\_\_\_**Signature:** \_\_\_\_\_*-- or --*☐ Check here to electronically sign this document**FOR NTSB USE ONLY****NTSB Accident/Incident No.**GAA15LA225**Reviewed by NTSB Regional Office**GAA**Name of Investigator**Michael J. Hodges**Date Report Received**08/11/2015