

# National Transportation Safety Board

Heart of Texas Hot Air Balloon Rides Kubíček BB85Z Balloon Lockhart, Texas July 30, 2016 Paul Suffern Meteorology Investigator





## Weather Conditions

- Briefing (1 hour 52 min before departure)
  - 10 miles visibility, scattered clouds 1,100 ft agl, temp 23°C, dew point 22°C
  - Forecast broken ceiling at 1,200 ft agl
- 23 minutes before takeoff
  - 5 miles visibility, few clouds at 700 ft agl, temp 22°C, dew point 22°C



## Weather Conditions

21 minutes before takeoff

Forecast broken ceiling at 900 ft agl, 5 miles visibility

12 minutes before takeoff

2 miles visibility, mist, broken ceiling at 700 ft agl, temp 23°C, dew point 23°C



#### Launch Preparation (6:35 am)





Making Transportation Safer YESTERDAY \* TODAY \* TOMORROW

#### 2 Minutes After Takeoff (7:00 am)



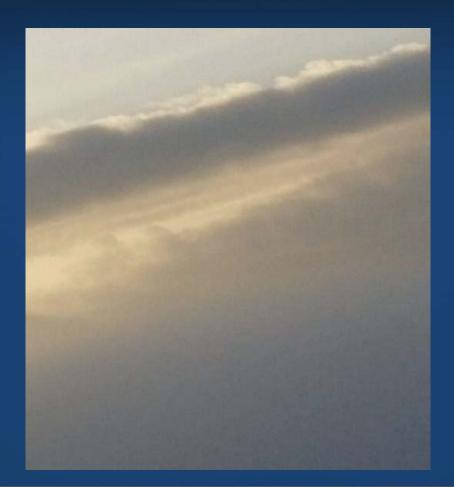


#### 5 Minutes After Takeoff (7:03 am)



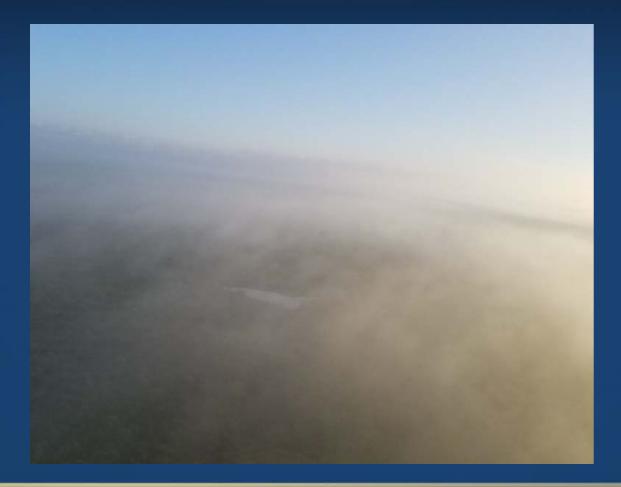


#### 19 Minutes After Takeoff (7:17 am)



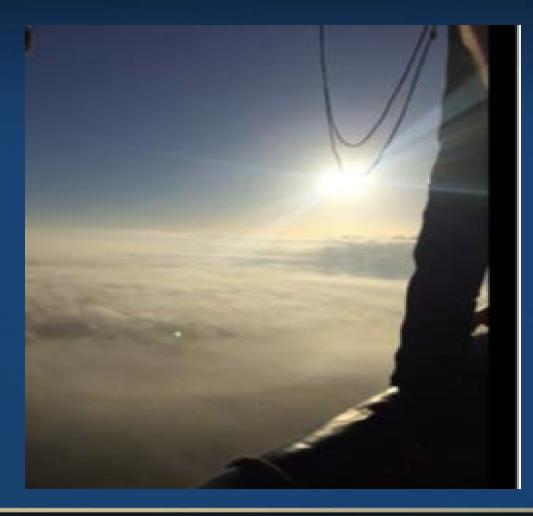


#### 20 Minutes After Takeoff (7:18 am)





#### 4 Minutes Before Accident (7:38 am)





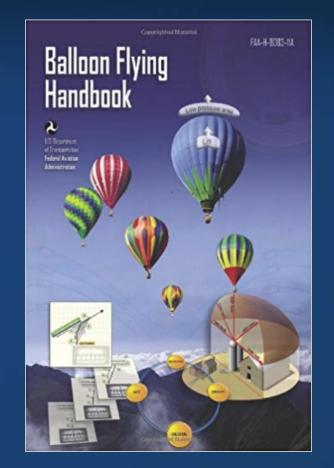
#### 2 Minutes Before Accident (7:40 am)





# Low Cloud and Fog Guidance

- Temperature and dew point close together
- FAA Balloon Flying Handbook fog information







Last silde with NTSB 50<sup>th</sup> Anniversary Commemor ative Emblem-Making Table Making Table T