



## Sun Azimuth Information

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Date: May 10, 2021  
Sun Azimuth Information  
NTSB Accident Number: ERA21FA200

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### Narrative:

A review of astronomical data from the National Oceanic and Atmospheric Administration revealed that at the time of the accident, the sun was located at an azimuth of about 180° and an elevation of about 71°.

| Location:                                    |                                         |                                               | Date:                                                                                               |                                        |                                                 |
|----------------------------------------------|-----------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------|
| Latitude: ?                                  | Longitude: ?                            | Time Zone: ?                                  | Day:                                                                                                | Month:                                 | Year:                                           |
| <input type="text" value="34.882269"/>       | <input type="text" value="-80.435991"/> | <input type="text" value="America/New_York"/> | <input type="text" value="2"/>                                                                      | <input type="text" value="May"/>       | <input type="text" value="2021"/>               |
| <input type="button" value="Save Location"/> |                                         | UTC Offset: ?                                 | Local Time:                                                                                         |                                        |                                                 |
|                                              |                                         | <input type="text" value="-04:00"/>           | <input type="text" value="13"/> : <input type="text" value="18"/> : <input type="text" value="00"/> | <input checked="" type="checkbox"/> PM | <input type="button" value="Use Current Time"/> |

  

| Result                            |                                    |                                       |                                         |                                        |                                                                       |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------------------------------------|
| Equation of Time ?<br>(minutes):  | Solar Declination ?<br>(in°):      | Solar Noon ?<br>(hh:mm:ss):           | Apparent Sunrise ?<br>(hh:mm):          | Apparent Sunset ?<br>(hh:mm):          | Az/EI ?<br>(in °) at Local Time:                                      |
| <input type="text" value="3.06"/> | <input type="text" value="15.59"/> | <input type="text" value="13:18:41"/> | <input type="text" value="06:30"/>      | <input type="text" value="20:08"/>     | <input type="text" value="179.5"/> <input type="text" value="70.72"/> |
|                                   |                                    |                                       | <input type="checkbox"/> Show Sunrise ? | <input type="checkbox"/> Show Sunset ? | <input type="checkbox"/> Show Azimuth ?                               |