

# National Transportation Safety Board

Office of Aviation Safety  
Central Region



CEN25LA375

## **METEOROLOGICAL DATA**

## ACCIDENT

Location: Forest Lake, Minnesota  
Date: September 11, 2025  
Time: 1533 central daylight time (2033 UTC)  
Airplane: Just Aircraft Highlander; Registration No. N442DU

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## Aviation Weather Station Data

L O Simenstad Municipal Airport (KOEO)  
Osceola, Wisconsin, USA  
45.3093883° North Latitude  
92.6899092° West Longitude  
905.6 ft mean sea level (airport field elevation)

Distance To Accident Site: 13.3 nautical miles  
Direction To Accident Site: 075° True

## Meteorological Aerodrome Report (METAR)

METAR KOEO 111935Z AUTO 12006KT 10SM SCT031 SCT040 23/15 A3023 RMK AO2  
T02270152 PWINO=

METAR KOEO 111955Z AUTO 10009KT 10SM SCT028 SCT040 24/16 A3022 RMK AO2  
T02380156 PWINO=

METAR KOEO 112015Z AUTO 15005KT 10SM SCT028 SCT035 24/15 A3021 RMK AO2  
T02420153 PWINO=

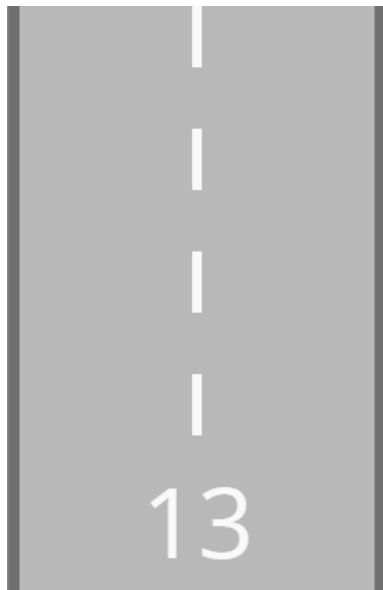
*--- Accident Occurred at 2033 UTC (1533 CDT) ---*

METAR KOEO 112035Z AUTO 12014G18KT 10SM SCT031 SCT038 24/15 A3020 RMK AO2  
T02440149 PWINO=

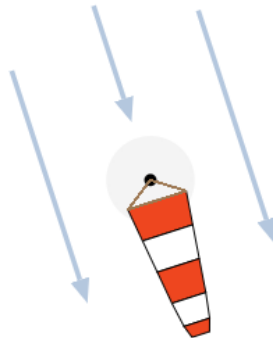
METAR KOEO 112055Z AUTO 11010KT 10SM SCT035 24/14 A3020 RMK AO2 T02420143  
PWINO=

METAR KOEO 112115Z AUTO 13007G14KT 10SM SCT036 SCT042 24/14 A3020 RMK AO2  
T02360142 PWINO=

## Crosswind/Headwind Calculation



Wind: 12014KT



Headwind: 13.31 KT

Crosswind LHS: 4.33 KT

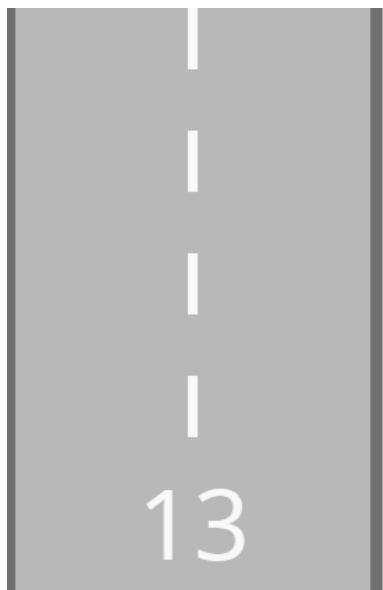
Runway Heading: 138° True

Wind Direction: 120° True

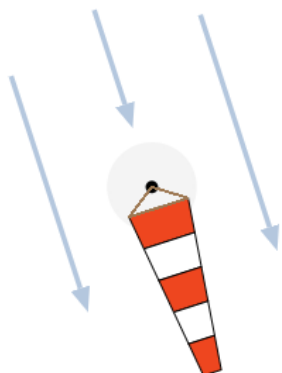
Wind Speed: 14 knots

Headwind: 13.3 knots

Crosswind: 4.3 knots from the left



Wind: 12018KT



Headwind: 17.12 KT

Crosswind LHS: 5.56 KT

Runway Heading: 138° True

Wind Direction: 120° True

Wind Speed: 18 knots

Headwind: 17.1 knots

Crosswind: 5.6 knots from the left