

National Transportation Safety Board

Office of Aviation Safety
Central Region



CEN22LA440

METEOROLOGICAL DATA SUMMARY

ACCIDENT

Location: Merrill, Wisconsin
Date: July 27, 2022
Time: 1500 central daylight time (2000 UTC)
Airplane: Beech C23; Registration No. N2240L

Closest Aviation Weather Station

Merrill Municipal Airport (KRRL)
Merrill, Wisconsin, USA
45.1989167° North Latitude
89.7128611° West Longitude
1,318.2 ft mean sea level (airport field elevation)

Distance To Accident Site: 0 nautical mile
Direction To Accident Site: Not Applicable

Meteorological Aerodrome Report (METAR)

METAR KRRL 271855Z AUTO 25013G19KT 10SM SCT065 SCT100 25/14 A2981 RMK AO2 T02540140 TSNO=

METAR KRRL 271915Z AUTO 34009G21KT 10SM BKN050 BKN065 BKN090 21/14 A2982 RMK AO2 T02060142 TSNO=

METAR KRRL 271935Z AUTO 34003KT 4SM +RA SCT031 BKN055 OVC065 20/15 A2982 RMK AO2 T01960148 TSNO=

METAR KRRL 271955Z AUTO 00000KT 10SM -RA SCT032 BKN050 OVC095 20/15 A2982 RMK AO2 T01980153 TSNO=

--- Accident Occurred at 2000 UTC (1500 CDT) ---

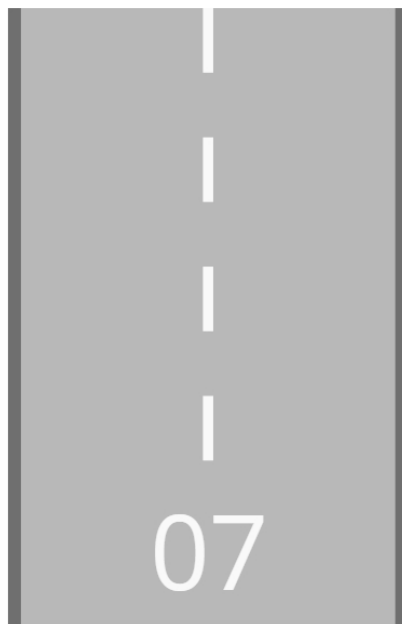
METAR KRRL 272015Z AUTO 00000KT 10SM SCT030 SCT060 BKN095 21/16 A2981 RMK AO2 T02120159 TSNO=

METAR KRRL 272035Z AUTO 00000KT 10SM -RA SCT050 BKN085 OVC110 21/16 A2981 RMK AO2 T02100163 TSNO=

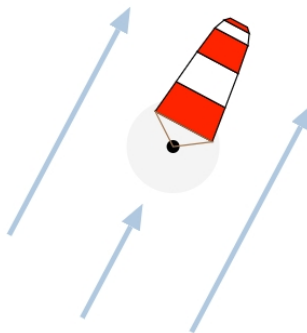
High-Resolution Rapid Refresh (HRRR) Atmosphere Model (2000 UTC)

PRESSURE_hPa	HEIGHT_MSL_Meters	TEMP_C	DEWPOINT_C	WIND_DIR_DEG	WIND_SPEED_MPS
963	400	23.7	13.8	277.1	4.5
962	409	23.5	13.1	275.0	4.2
959	437	23.1	13.5	277.0	5.4
954	485	22.5	12.6	277.1	6.0
945	566	21.7	12.5	277.8	6.3
932	688	20.5	12.2	277.2	6.6
915	848	18.8	11.8	276.1	7.2
895	1037	17.0	11.4	274.1	7.9
872	1255	15.0	10.8	273.5	8.6
848	1488	13.1	9.8	273.9	9.0
821	1755	10.9	8.2	275.8	9.9
792	2054	8.9	5.4	280.1	11.8
761	2391	6.5	1.9	283.0	13.2
726	2773	3.8	-0.0	282.6	14.1
688	3196	0.5	-0.6	278.9	14.2

Crosswind/Tailwind Calculation



Wind: 277.108.7KT



Tailwind: 7.67 KT

Crosswind LHS: 4.1 KT

Runway Heading: 069° True
 Wind Direction: 277.1° True
 Wind Speed: 8.7 knots
 Tailwind: 7.7 knots
 Crosswind: 4.1 knots from the left