

WEATHER DATA SUMMARY

A postaccident review of available meteorological data established that day visual meteorological conditions prevailed at the accident site. The nearest aviation weather reporting station was located at Schaumburg Regional Airport (06C) about 1.5 miles east-southeast of the accident site. At 2035, about 3 minutes after the accident, the 06C automated surface observing system reported: wind 090° at 7 knots, 4 miles surface visibility, an overcast ceiling at 300 ft above ground level (agl), temperature 14°C, dew point 13°C, and an altimeter setting 29.95 inches of mercury.

Federal aviation regulations classify daytime as the time between morning civil twilight and the end of evening civil twilight, with nighttime commencing at the end of evening civil twilight. A query of United States Naval Observatory data established that the end of evening civil twilight occurred at 2042 on the day of the accident. As such, the accident occurred during daytime. The weather minimums required for day visual flight rules while operating in class G airspace require a pilot to remain clear of clouds and have at least 1 statute mile visibility.

Schaumburg Regional Airport (K06C)
41.9893408 / -88.1012428
801 ft msl

METAR K06C 190055Z AUTO 06004KT 1 3/4SM OVC003 13/13 A2996 RMK AO2 P0002 T01300125=
METAR K06C 190115Z AUTO 09007KT 2 1/2SM OVC003 13/13 A2995 RMK AO2 T01340129=
METAR K06C 190135Z AUTO 09007KT 4SM OVC003 14/13 A2995 RMK AO2 T01360131=
METAR K06C 190155Z AUTO 10007KT 2 1/2SM OVC003 14/13 A2995 RMK AO2 T01380133=

DuPage Airport (KDPA)
41.9070531 / -88.2479950
759 ft msl

SPECI KDPA 190110Z 08009KT 3SM BR SCT007 BKN014 OVC019 14/14 A2994 RMK AO2 T01390139 \$=
SPECI KDPA 190112Z 08011KT 2 1/2SM BR BKN007 BKN014 OVC019 14/14 A2994 RMK AO2 T01390139
SPECI KDPA 190142Z 08011KT 1 3/4SM BR OVC005 14/14 A2993 RMK AO2 T01390139 \$=
METAR KDPA 190152Z 08009KT 1 3/4SM BR OVC005 14/14 A2994 RMK AO2 SLP136 T01440144 \$=
SPECI KDPA 190205Z 08010KT 2SM BR OVC005 14/14 A2994 RMK AO2 T01440144 \$=

U.S. Naval Observatory
Astronomical Applications Department
Friday, May 18, 2018
Hanover Park, Du Page County, IL
Longitude W88° 8', Latitude N42° 0'

Begin civil twilight	04:57
Sunrise	05:29
Sun transit	12:49
Sunset	20:09
End civil twilight	20:42