



**CEN22LA170
CASE FINDINGS**

**Jason Aguilera
Air Safety Investigator
Central Region**

During the investigation, the following information was obtained.

On April 7, 2022, FAA Inspector Wilfredo Perez responded to the accident site and confirmed flight control continuity. Due to crush damage, a full travel check of the rudder pedals could not be performed.

A review of METAR information showed that the wind was from 130° at 12 gusting to 18 kts. This placed the crosswind component at 7 kts gusting to 11.5 kts. TAF for the airport did not forecast wind over 9 kts.

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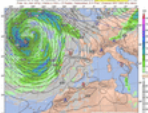
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Query made at 10/18/2022 20:34:58 UTC

Time interval: from 04/03/2022 10:00 to 04/03/2022 20:59 UTC

KSGR, Houston, Sugar Land Municipal / Hull Field Airport (United States).
WMO index: -----, Latitude 29-37-20N. Longitude 095-39-24W. Altitude 25 m.

METAR/SPECI from KSGR, Houston, Sugar Land Municipal / Hull Field Airport (United States).

SA 03/04/2022 20:53-> METAR KSGR 032053Z 12014G19KT 10SM CLR 28/09 A2991 RMK AO2 SLP130 T02830089 58022=
SA 03/04/2022 19:53-> METAR KSGR 031953Z 13014KT 10SM CLR 29/08 A2995 RMK AO2 SLP142 T02890078=
SA 03/04/2022 18:53-> METAR KSGR 031853Z 15015G20KT 10SM CLR 29/11 A2997 RMK AO2 SLP149 T02890111=
SA 03/04/2022 17:53-> METAR KSGR 031753Z 13012G18KT 10SM CLR 28/12 A2998 RMK AO2 SLP152 T02830122 10283 20178 58010=
SA 03/04/2022 16:53-> METAR KSGR 031653Z 13010KT 10SM CLR 27/12 A3000 RMK AO2 SLP159 T02720117=
SA 03/04/2022 15:53-> METAR KSGR 031553Z 09006KT 10SM CLR 25/15 A3000 RMK AO2 SLP160 T02500150=
SA 03/04/2022 14:53-> METAR KSGR 031453Z 00000KT 10SM CLR 23/16 A3001 RMK AO2 SLP162 T02280161 50007 \$=
SP 03/04/2022 14:02-> **SPECI KSGR 031402Z 02003KT 10SM SCT010 21/17 A3001 RMK AO2 T02060167 \$=**
SA 03/04/2022 13:53-> METAR KSGR 031353Z 00000KT 10SM BKN010 20/17 A3001 RMK AO2 SLP162 T02000167 \$=
SP 03/04/2022 13:43-> **SPECI KSGR 031343Z 00000KT 10SM BKN010 20/17 A3001 RMK AO2 CIG 007V012 T02000167 \$=**
SP 03/04/2022 13:03-> **SPECI KSGR 031303Z 00000KT 10SM OVC005 19/17 A3001 RMK AO2 CIG 004V008 T01940167 \$=**
SA 03/04/2022 12:53-> METAR KSGR 031253Z 00000KT 8SM OVC004 19/17 A3000 RMK AO2 SLP161 T01890167 \$=
SA 03/04/2022 11:53-> METAR KSGR 031153Z 00000KT 6SM BR BKN004 18/16 A2999 RMK AO2 SLP155 T01780156 10194 20172 53009 \$=
SP 03/04/2022 11:45-> **SPECI KSGR 031145Z 00000KT 4SM BR SCT004 18/16 A2998 RMK AO2 T01830161 \$=**
SP 03/04/2022 11:34-> **SPECI KSGR 031134Z 00000KT 1 1/4SM BR SCT006 18/16 A2998 RMK AO2 VIS 1/4V5 T01780161 \$=**
SA 03/04/2022 10:53-> METAR KSGR 031053Z 00000KT 10SM OVC005 19/16 A2997 RMK AO2 SLP148 T01890161 \$=

No short TAF reports from KSGR during solicited interval in the database.

large TAF from KSGR, Houston, Sugar Land Municipal / Hull Field Airport (United States).

FT 03/04/2022 17:25-> TAF KSGR 031725Z 0318/0418 13010KT P6SM SKC FM040600 14005KT P6SM BKN015 FM041500 13008KT P6SM OVC015=
FT 03/04/2022 13:47-> KSGR 031347Z 0314/0412 00000KT P6SM BKN010 FM031500 12006KT 6SM BR SCT025 FM031700 14009KT P6SM FEW090 FM040700 14005KT P6SM BKN016=
FT 03/04/2022 13:00-> KSGR 031300Z 0313/0412 00000KT P6SM OVC004 FM031500 12006KT 6SM BR SCT025 FM031700 14009KT P6SM FEW090 FM040700 14005KT P6SM BKN016=
FT 03/04/2022 11:20-> TAF KSGR 031120Z 0312/0412 00000KT P6SM OVC005
TEMPO 0312/0313 1/2SM FG BKN004 FM031300 VRB03KT 2SM BR BKN004 FM031500 12006KT 6SM BR SCT025 FM031700 14009KT P6SM FEW090 FM040700 14005KT P6SM BKN016=

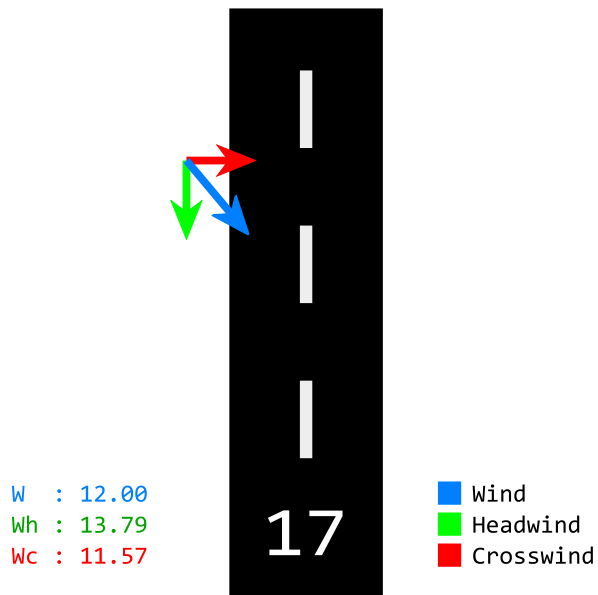
Wind Components Calculator

See wind components for any airport.

Airport ID ie: KJFK

Go

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Runway Number :

Between 1 and 36

17

Wind Direction :

130

Wind Speed :

12

Gust Speed (if any) :

18

☐ Apply gusts at 50%

Head Wind :

13.79

Cross Wind :

11.57

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