# MISSION EXECUTION FORECAST

| DATE: | 3-Nov-26 | VALID PERIOD: | AM 1230Z-1900Z | FORECASTER INITIALS: | AD |
|---|---|---|---|---|---|

| FLIGHT LEVEL WINDS & TEMPS (MSL) | | FCST DATA: | KOZR | AREA | SOLAR/LUNAR (LOCAL) | |
|---|---|---|---|---|---|---|
| FLT LEVEL | WIND / TEMP | MAX TEMP (ºC): | 25 | 27 | BMNT 0506L | EENT 1746L |
| 010 | 09020 KT / 18 ºC | MIN TEMP (ºC): | 20 | 18 | SUNRISE | 0600L |
| 020 | 12030 KT / 17 ºC | MAX DEWPT (ºC): | 20 | 22 | SUNSET | 1652L |
| 030 | 14030 KT / 16 ºC | MIN ALSTG: | 29.98 | 29.94 | BMCT 0535L | EECT 1717L |
| 040 | 15030 KT / 15 ºC | MAX PA (FT): | 250 | 480 | MOONRISE | 0028L |
| 050 | 15030 KT / 14 ºC | MAX DA (FT): | 1740 | 2290 | MOONSET | 1342L |
| 060 | 15030 KT / 13 ºC | MIN CIG (FT AGL): | 008 | 008 | AZIMUTH | 32 º |
| 070 | 15025 KT / 12 ºC | MIN VIS (SM): | 7 | 5 | ELEVATION | -48 º |
| 080 | 15025 KT / 10 ºC | MIN WX: | NONE | -SHRA | % ILLUM | 26% |

## FLIGHT HAZARDS W/IN 150NM (All heights are MSL unless otherwise noted)

| | |
|---|---|
| TURBULENCE (CAT II) | OCNL LGT CLR/CLD FL: SFC-050 LOC: ALL AREAS |
| ICING | NONE |
| THUNDERSTORMS | NONE |
| LLWS (AGL) | NONE |

| AREA FORECASTS (All heights are AGL) | | TS COVERAGE |
|---|---|---|
| GOLDFISH | 07010KT 7SM SCT008 OVC012 ISOLD 1230-1500Z: 07012G20KT BKN008 AFT 1500Z: 09010G15KT 7SM SCT012 BKN018 ISOLD 1500-1900Z: 09012G22KT | NONE |
| VANGUARD N | 07010KT 7SM SCT008 OVC012 ISOLD 1230-1500Z: 07012G20KT BKN008 AFT 1500Z: 09010G15KT 7SM SCT012 BKN018 ISOLD 1500-1900Z: 09012G22KT | NONE |
| VANGUARD C | 07010KT 7SM SCT008 OVC012 ISOLD 1230-1500Z: 07012G20KT BKN008 AFT 1500Z: 09010G15KT 7SM SCT012 BKN018 ISOLD 1500-1900Z: 09012G22KT | NONE |
| VANGUARD S | 07010KT 7SM SCT008 OVC012 ISOLD 1230-1500Z: 07012G20KT BKN008 AFT 1500Z: 09010G15KT 7SM SCT012 OVC018 ISOLD 1500-1900Z: 09012G22KT 5SM -SHRA BKN012 | NONE |
| HAWK | 07010KT 7SM SCT008 OVC012 ISOLD 1230-1500Z: 07012G20KT BKN008 AFT 1500Z: 09010G15KT 7SM SCT012 BKN018 ISOLD 1500-1900Z: 09012G22KT | NONE |
| BEARCAT | 07010KT 7SM SCT008 OVC012 ISOLD 1230-1500Z: 07012G20KT BKN008 AFT 1500Z: 09010G15KT 7SM SCT012 OVC018 ISOLD 1500-1900Z: 09012G22KT 5SM -SHRA BKN012 | NONE |
| REMARKS: | | |

## PM PLANNING

| FORECAST AREA: | GOLDFISH | VANGUARD N | VANGUARD C | VANGUARD S | HAWK | BEARCAT |
|---|---|---|---|---|---|---|
| FORECAST CATEGORY/TIMING: | VFR EP | VFR EP | VFR EP | VFR EP | VFR EP | VFR EP |

| KOZR MAX TEMP: | 27 C | KOZR MIN ALSTG: | 29.95 | KOZR MAX PA: | 280 FT | T'STORMS: | NO |
|---|---|---|---|---|---|---|---|

## CONTACT INFORMATION

| FORECASTER PHONE | PMSV | WIF | SOCIAL MEDIA: FB: /ftruckerwx X: @ftruckerwx |
|---|---|---|---|
| 334-255-8385/8397 | 134.1 (V) | 348.8 (U) | ON THE WEB: https://www.army.mil/rucker#org-weather |

## WEATHER WATCHES, WARNINGS, ADVISORIES

| TYPE | NUMBER | VALID TIME | CRITERIA | MAX WIN | MAX HAIL |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

# AM FLIGHT WEATHER BRIEFING AM

## PART I - TAKEOFF DATA (VALID AT 08L)

| 1. DATE | 2. ACFT TYPE / NO. | 3. DEP PT / ETD | 4. RUNWAY TEMP | 5. DEWPOINT | 6. TEMP DEV | 7. PRESSURE ALT | 8. DENSITY ALT |
|---|---|---|---|---|---|---|---|
| 261103 | | Z | 21 °C | 18 °C | °C | 190 FT | 1220 FT |

| 9. SURFACE WIND | 10. CLIMB WINDS | 13. WWAS |
|---|---|---|
| | | |

## PART II - ENROUTE & MISSION DATA (ALL HEIGHTS ARE MSL)

**14. FLT LEVEL/WIND/TEMP**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 010 | 09020KT | / | 18 °C | 050 | 15030KT | / | 14 °C | |
| 020 | 12030KT | / | 17 °C | 060 | 15030KT | / | 13 °C | |
| 030 | 14030KT | / | 16 °C | 070 | 15025KT | / | 12 °C | |
| 040 | 15030KT | / | 15 °C | 080 | 15025KT | / | 10 °C | |

**15. SPACE WEATHER**

| | NO IMPACT | MARGINAL | SEVERE |
|---|---|---|---|
| FREQ | X | | |
| GPS | X | | |
| RAD | X | | |

**16. SOLAR / LUNAR (LOCAL)**

| | | | |
|---|---|---|---|
| BMNT: 0506L | EENT: 1746L | % ILLUM | |
| BMCT: 0535L | EECT: 1717L | 26% | |
| SR: 0600L | SS: 1652L | AZ (21L): | 32 |
| MR: 0028L | MS: 1342L | EL (21L): | -48 |

**18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY**

YES — TYPE: PRECIP

| 19. MINIMUM CEILING - LOCATION | 20. LLWS - LOCATION | 21. MINIMUM FREEZING LVL - LOCATION |
|---|---|---|
| MOST AREAS 008 FT AGL | NONE FT AGL | ALL AREAS 150 FT MSL |

**22. THUNDERSTORMS**

| | NONE | AREA | LINE |
|---|---|---|---|
| | ISOLATED 1 -2% | | |
| | FEW 3 - 15% | | |
| | SCATTERED 16 - 45% | | |
| | NUMEROUS > 45% | | |

HAIL, SEV TURBC & ICING, HEAVY PRECIP, LIGHTNING & WIND SHEAR EXPECTED IN/NEAR THUNDERSTORMS

LOCATION

**23. TURBULENCE (CAT II)**

| | NONE | IN CLEAR | IN CLOUD |
|---|---|---|---|
| LIGHT | | OCNL | X |
| MODERATE | | | |
| SEVERE | | | |
| EXTREME | | | |

LEVELS: X SFC-050

LOCATION: X ALL AREAS

**24. ICING**

| | NONE | RIME | MIXED | CLEAR |
|---|---|---|---|---|
| TRACE | | | | |
| LIGHT | | | | |
| MODERATE | | | | |
| SEVERE | | | | |

LEVELS

LOCATION

**25. PRECIPITATION**

| | NONE | DZ | RAIN | SNOW | PELLET |
|---|---|---|---|---|---|
| LIGHT | | | X | | |
| MODERATE | | | | | |
| HEAVY | | | | | |
| SHOWERS | | | X | | |
| FREEZING | | | | | |

LOCATION: RAIN: S & E AREAS

## PART III - AERODROME FORECASTS (ALL HEIGHTS ARE AGL)

| 26. AIRDROME | 27. VALID TIME | 28. SFC WIND | 29. VSBY/WEA | 30. SKY CONDITION | 31. ALSTG | |
|---|---|---|---|---|---|---|
| DEST / ALTN: KOZR | Z TO: 1230 Z – 1500 Z | 07010 | 7 | SCT008 OVC012 | INS: 30.04 | Same as KOZR: |
| DEST / ALTN: TEMPO | Z TO: 1230 Z – 1500 Z | 07012G20 | | BKN008 | INS: | KLOR,KHEY,KSXS,KFHK,KDHN,KEDN,KTOI,KPRN,KMVC,KMGM,KSEM,K79J,KGZH,KNPA,KEUF,KLSF,KCSG,KAUO |
| DEST / ALTN: FROM | Z TO: 1500 Z – 1900 Z | 09010G15 | 7 | SCT012 BKN018 | INS: 29.98 | |
| DEST / ALTN: TEMPO | Z TO: 1500 Z – 1900 Z | 09012G22 | | | INS: | |
| DEST / ALTN: | Z TO: Z | | | | INS: | |
| DEST / ALTN: KABY | Z TO: 1230 Z – 1500 Z | 07010 | 7 | SCT008 OVC012 | INS: 30.06 | Same as KABY: |
| DEST / ALTN: TEMPO | Z TO: 1230 Z – 1500 Z | 07012G20 | | BKN008 | INS: | |
| DEST / ALTN: FROM | Z TO: 1500 Z – 1900 Z | 09010G15 | 7 | SCT012 OVC018 | INS: 30.00 | K0J4,KCEW,KEGI,KDTS,KHRT,KVPS,KPAM,KECP,KMAI,KBCR,KTLH,KBIJ,KBGE,KMGR,K17J |
| DEST / ALTN: TEMPO | Z TO: 1500 Z – 1900 Z | 09012G22 | 5 -SHRA | BKN012 | INS: | |
| DEST / ALTN: | Z TO: Z | | | | INS: | |
| DEST / ALTN: | Z TO: Z | | | | INS: | |
| DEST / ALTN: | Z TO: Z | | | | INS: | |
| DEST / ALTN: | Z TO: Z | | | | INS: | |
| DEST / ALTN: | Z TO: Z | | | | INS: | |
| DEST / ALTN: | Z TO: Z | | | | INS: | |

## PART IV - CONTACT INFORMATION

| | | | |
|---|---|---|---|
| PMSV KOZR: 134.1<br>WIF: 348.8 | OZR WX: 334-255-8385<br>334-255-8397 | FACEBOOK: /FTRUCKERWX<br>X: @FTRUCKERWX | https://www.army.mil/rucker#org-weather |

**KOZR MAXIMUMS:** MAX TEMP: 25ºC MAX PA: 250 FT MAX DA: 1740 FT

**35. REMARKS:**

## PART V - BRIEFING RECORD

| 36. WX BRIEFED TIME | 37. FLIMSY BRIEFING # | 38. FORECASTER'S INITIALS | 40. VOID TIME | 41. EXTENDED TO/INITIALS | 42. WX REBRIEF TIME/INITIALS |
|---|---|---|---|---|---|
| E 10:45 Z | AM 1230Z-1900Z | AD | 12:15 Z | Z | Z |

DD Form 175-1 (LOCAL)