MISSION EXECUTION FORECAST — UPDATED @ 1815 Z

DATE:	3-Nov-26	VALID PERIOD:	PM 1900Z-0130Z	FORECASTER INITIALS:	JK

FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:	KOZR	AREA	SOLAR/LUNAR (LOCAL)	
FLT LEVEL	WIND / TEMP	MAX TEMP (°C):	26	27	BMNT 0506L	EENT 1746L
010	10015 KT / 21 °C	MIN TEMP (°C):	21	20	SUNRISE	0600L
020	11020 KT / 19 °C	MAX DEWPT (°C):	22	23	SUNSET	1652L
030	13020 KT / 18 °C	MIN ALSTG:	29.93	29.89	BMCT 0535L	EECT 1717L
040	14025 KT / 16 °C	MAX PA (FT):	290	530	MOONRISE	0028L
050	15025 KT / 15 °C	MAX DA (FT):	1930	2380	MOONSET	1342L
060	16025 KT / 14 °C	MIN CIG (FT AGL):	012	012	AZIMUTH	32 °
070	16025 KT / 12 °C	MIN VIS (SM):	3	3	ELEVATION	-48 °
080	16025 KT / 11 °C	MIN WX:	SHRA	HRA SHRA	% ILLUM	26%

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

TURBULENCE (CAT II)	OCNL LGT CLD FL: 020-100 LOC: ALL AREAS
ICING	NONE
THUNDERSTORMS	AREA ISOLATED MT: 420 LOC: VC KTLH-KMGR
LLWS (AGL)	NONE

AREA FORECASTS (All heights are AGL)		TS COVERAGE
GOLDFISH	10010KT 7SM FEW015 BKN020 ISOLD 1900-2200Z: 10012G20KT 4SM SHRA SCT012 BKN020 OVC030 ISOLD 2200-0130Z: 10012G18KT 3SM SHRA SCT009 BKN012 OVC020	NONE
VANGUARD N	10010KT 7SM FEW015 BKN020 ISOLD 1900-2200Z: 10012G20KT 4SM SHRA SCT012 BKN020 OVC030 ISOLD 2200-0130Z: 10012G18KT 3SM SHRA SCT009 BKN012 OVC020	NONE
VANGUARD C	10010KT 7SM FEW015 BKN020 ISOLD 1900-2200Z: 10012G20KT 4SM SHRA SCT012 BKN020 OVC030 ISOLD 2200-0130Z: 10012G18KT 3SM SHRA SCT009 BKN012 OVC020	NONE
VANGUARD S	10010KT 7SM FEW015 BKN020 ISOLD 1900-2200Z: 10012G20KT 4SM SHRA SCT012 BKN020 OVC030 ISOLD 2200-0130Z: 10012G18KT 3SM SHRA SCT009 BKN012 OVC020	NONE
HAWK	10010KT 7SM FEW015 BKN020 ISOLD 1900-2200Z: 10012G20KT 4SM SHRA SCT012 BKN020 OVC030 ISOLD 2200-0130Z: 10012G18KT 3SM SHRA SCT009 BKN012 OVC020	NONE
BEARCAT	10010KT 7SM FEW015 BKN020 ISOLD 1900-2200Z: 10012G20KT 4SM SHRA SCT012 BKN020 OVC030 ISOLD 2200-0130Z: 10012G18KT 3SM SHRA SCT009 BKN012 OVC020	NONE
REMARKS:	UPDATE TO ADD OBSERVED 20KT WIND ADVISORY.	

N1 PLANNING

FORECAST AREA:	GOLDFISH	VANGUARD N	VANGUARD C	VANGUARD S	HAWK	BEARCAT
FORECAST CATEGORY/TIMING:	IFR AFT 03Z	IFR AFT 03Z	IFR AFT 03Z	IFR AFT 03Z	IFR AFT 03Z	IFR AFT 03Z
KOZR MAX TEMP: 21 C	KOZR MIN ALSTG: 29.94		KOZR MAX PA: 290 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
AWA	11-005	1819 Z TIL UFN Z	NON-CONVECTIVE WINDS ≥ 20KTS OBS W/IN 60NM		

PM FLIGHT WEATHER BRIEFING UPDATED @ 1815 Z PM

PART I - TAKEOFF DATA (VALID AT 14L)

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	25 °C	20 °C	°C	250 FT	1920 FT

9. SURFACE WIND	10. CLIMB WINDS	13. WWAS
		AWA 11-005 NON-CONVECTIVE WINDS ≥ 20KTS OBS W/IN 60NM VT: 1819Z TIL UFNZ

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

14. FLT LEVEL/WIND/TEMP

010	10015KT	/ 21 ºC	050	15025KT	/ 15 ºC		
020	11020KT	/ 19 ºC	060	16025KT	/ 14 ºC		
030	13020KT	/ 18 ºC	070	16025KT	/ 12 ºC		
040	14025KT	/ 16 ºC	080	16025KT	/ 11 ºC		

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
ISOLD AREAS 012 FT AGL	NONE FT AGL	ALL AREAS 148 FT MSL

22. THUNDERSTORMS

	NONE	X	AREA		LINE
☺	ISOLATED 1 -2%			MT 420	
	FEW 3 - 15%				
	SCATTERED 16 - 45%				
	NUMEROUS > 45%				

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

LOCATION: ☺ VC KTLH-KMGR

23. TURBULENCE (CAT II)

	NONE	IN CLEAR	IN CLOUD
LIGHT			OCNL
MODERATE			
SEVERE			
EXTREME			

LEVELS: X 020-100

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			X		
HEAVY					
SHOWERS			X		
FREEZING					

LOCATION: RAIN: ALL 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 Z: 1900 0130	10010	7	FEW015 BKN020	INS: 29.93	Same as KOZR:
DEST / ALTN: TEMPO	Z TO Z: 1900 2200	10012G20	4 SHRA	SCT012 BKN020 OVC030	INS	KOZR,KLOR,KHEY,KSXS,KFHK,KDHN,KEDN,KTOI,KPRN,KMVC,KMGM,KSEM,KAUO,K79J,KGZH,K0J4,KCEW,KEGI,KDTS,KHRT,KVPS,KNPA,KPAM,KECP,KMAI,KBCR,KEUF,KLSF,KCSG,KBIJ,KBGE,KABY,KMGR,K17J
DEST / ALTN: TEMPO	Z TO Z: 2200 0130	10012G18	3 SHRA	SCT009 BKN012 OVC020	INS	
DEST / ALTN	Z TO Z				INS	
DEST / ALTN	Z TO Z				INS	
DEST / ALTN: KTLH	Z TO Z: 1900 0130	10012G18	7 VCTS	SCT020 BKN035	INS: 29.92	Same as KTLH:
DEST / ALTN: TEMPO	Z TO Z: 2000 2300	10014G22	3 SHRA	SCT012 BKN020 OVC030	INS	KMGR
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	
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 WIF: 348.8	KOZR WX: 334-255-8385 334-255-8397	FACEBOOK: /FTRUCKERWX X: @FTRUCKERWX	https://www.army.mil/rucker#org-weather

KOZR MAXIMUMS: MAX TEMP: 26ºC MAX PA: 290 FT MAX DA: 1930 FT

35. REMARKS: UPDATE TO ADD OBSERVED 20KT WIND ADVISORY.

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 16:15 Z	PM 1900Z-0130Z	JK	17:45 Z	19:45 /JK Z	18:15 /JK Z

DD Form 175-1 (LOCAL)