MISSION EXECUTION FORECAST

DATE:	4-Aug-26	VALID PERIOD:	PM 1800Z-0030Z	FORECASTER INITIALS:	JK

FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:	KOZR	AREA	SOLAR/LUNAR (LOCAL)	
FLT LEVEL	WIND / TEMP	MAX TEMP (ºC):	31	32	BMNT 0504L	EENT 2033L
010	27010 KT / 29 ºC	MIN TEMP (ºC):	26	26	SUNRISE	0602L
020	27010 KT / 26 ºC	MAX DEWPT (ºC):	22	23	SUNSET	1936L
030	27010 KT / 23 ºC	MIN ALSTG:	29.90	29.90	BMCT 0535L	EECT 2002L
040	27010 KT / 21 ºC	MAX PA (FT):	320	520	MOONRISE	2256L
050	27010 KT / 17 ºC	MAX DA (FT):	2630	3050	MOONSET	1147L
060	28010 KT / 15 ºC	MIN CIG (FT AGL):	NONE	035	AZIMUTH	43 º
070	28010 KT / 13 ºC	MIN VIS (SM):	7	5	ELEVATION	-32 º
080	28010 KT / 11 ºC	MIN WX:	NONE	SHRA -SHF	% ILLUM	62%

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

TURBULENCE (CAT II)	NONE
ICING	NONE
THUNDERSTORMS	AREA ISOLATED MT: LOC: ISOLD AREAS
LLWS (AGL)	NONE

AREA FORECASTS (All heights are AGL)		TS COVERAGE
GOLDFISH	29006KT 7SM SCT030 SCT120	NONE
VANGUARD N	29006KT 7SM SCT030 SCT120	NONE
VANGUARD C	29006KT 7SM SCT030 SCT120	NONE
VANGUARD S	29006KT 7SM SCT030 SCT120	NONE
HAWK	24008KT 7SM VCTS SCT035 BKN120. SOUTH OF GRIDLINE 00 SAME FORECAST AS GOLDFISH INCLUDING STAGE FIELDS.	ISOLATED (1-10%)
BEARCAT	18006KT 7SM FEW040 SCT120 ISOLD 1800-2000Z: 5SM -SHRA SCT040 BKN120 AFT 2000Z: 22006KT 7SM VCTS SCT040 SCT120	ISOLATED (1-10%)
REMARKS:		

N1 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: 26 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

PM FLIGHT WEATHER BRIEFING 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
260804		Z	31 °C	22 °C	°C	284 FT	2533 FT

9. SURFACE WIND	10. CLIMB WINDS	13. WWAS

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

14. FLT LEVEL/WIND/TEMP

010	27010KT / 29 °C	050	27010KT / 17 °C		
020	27010KT / 26 °C	060	28010KT / 15 °C		
030	27010KT / 23 °C	070	28010KT / 13 °C		
040	27010KT / 21 °C	080	28010KT / 11 °C		

15. SPACE WEATHER

	NO IMPACT	MARGINAL	SEVERE
FREQ	X		
GPS	X		
RAD	X		

16. SOLAR / LUNAR (LOCAL)

BMNT: 0504L	EENT: 2033L	% ILLUM	
BMCT: 0535L	EECT: 2002L	62%	
SR: 0602L	SS: 1936L	AZ (21L):	43
MR: 2256L	MS: 1147L	EL (21L):	-32

18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY

YES — TYPE: PRECIP

19. MINIMUM CEILING - LOCATION: VCNTY KLGC 035 FT AGL

20. LLWS - LOCATION: NONE FT AGL

21. MINIMUM FREEZING LVL - LOCATION: ALL AREAS 165 FT MSL

22. THUNDERSTORMS

	NONE	AREA	LINE
ISOLATED 1 -2%		MT 000	
FEW 3 - 15%			
SCATTERED 16 - 45%			
NUMEROUS > 45%	X		

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

LOCATION: ISOLD AREAS

23. TURBULENCE (CAT II)

	NONE	IN CLEAR	IN CLOUD
LIGHT			
MODERATE			
SEVERE			
EXTREME			

LEVELS

LOCATION

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: ISOLD AREAS

PART III - AERODROME FORECASTS (ALL HEIGHTS ARE AGL)

26. AIRDROME (DEST / ALTN)	27. VALID TIME (Z TO Z)	28. SFC WIND	29. VSBY/WEA	30. SKY CONDITION	31. ALSTG (INS)	
KOZR	1800 0030	29006	7	SCT030 SCT120	29.90	Same as KOZR:
						KABY,KOZR,KLOR,KHEY,KSXS, KFHK,KDHN,KEDN,K0J4,KCEW, KEGI,KTOI,KPRN,KMVC,KMGM, KSEM, K79J,KGZH
KMAI	1800 2000	18006	7	FEW040 SCT120	29.92	Same as KMAI:
TEMPO	1800 2000		5 -SHRA	SCT040 BKN120		
FROM	2000 0030	22006	7 VCTS	SCT040 SCT120	29.92	KMAI,KBCR,KTLH,KBIJ,KBGE, KMGR,K17J,KPAM,KECP,KDTS, KHRT,KVPS,KNPA
KEUF	1800 0030	24008	7 VCTS	SCT035 BKN120	29.92	Same as KEUF:
						KEUF,KLSF,KCSG,KAUO

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: 31°C MAX PA: 320 FT MAX DA: 2630 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 15:45 Z	PM 1800Z-0030Z	JK	17:15 Z	Z	Z

DD Form 175-1 (LOCAL)