

MISSION EXECUTION FORECAST

DATE: 22-May-26	VALID PERIOD: N1 0030Z-0730Z	FORECASTER INITIALS: AB				
FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:	KOZR	AREA	SOLAR/LUNAR (LOCAL)	
FLT LEVEL	WIND / TEMP	MAX TEMP (°C):	27	28	BMNT 0444L	EENT 2036L
010	19015 KT / 24 °C	MIN TEMP (°C):	23	22	SUNRISE	0543L
020	19015 KT / 23 °C	MAX DEWPT (°C):	21	22	SUNSET	1937L
030	18020 KT / 21 °C	MIN ALSTG:	29.93	29.93	BMCT 0516L	EECT 2003L
040	18020 KT / 18 °C	MAX PA (FT):	290	490	MOONRISE	1036L
050	17015 KT / 16 °C	MAX DA (FT):	2090	2490	MOONSET	0002L
060	18020 KT / 14 °C	MIN CIG (FT AGL):	NONE	250	AZIMUTH	255 °
070	18015 KT / 13 °C	MIN VIS (SM):	5	3	ELEVATION	57 °
080	19015 KT / 11 °C	MIN WX:	BR	BR	% ILLUM	35%

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

TURBULENCE (CAT II)	NONE
ICING	NONE
THUNDERSTORMS	AREA ISOLATED MT: 420 LOC: ISOLD AREAS
LLWS (AGL)	NONE

AREA FORECASTS (All heights are AGL)

GOLDFISH	AREA FORECASTS (All heights are AGL)	TS COVERAGE
	VRB05KT 7SM FEW040 SCT250 ISOLD 0400-0730Z: 5SM BR	NONE
VANGUARD N	VRB05KT 7SM FEW040 SCT250 ISOLD 0400-0730Z: 5SM BR	NONE
VANGUARD C	VRB05KT 7SM FEW040 SCT250 ISOLD 0400-0730Z: 5SM BR	NONE
VANGUARD S	VRB05KT 7SM FEW040 SCT250 ISOLD 0400-0730Z: 5SM BR	NONE
HAWK	VRB05KT 7SM FEW040 SCT250 ISOLD 0400-0730Z: 5SM BR	NONE
BEARCAT	VRB05KT 7SM FEW040 SCT250 ISOLD 0400-0730Z: 5SM BR	NONE

REMARKS:

LAST NO AMDS AFT: 22/0600Z		AM PLANNING				NEXT MEF: 26/1000Z	
FORECAST AREA:	GOLDFISH	VANGUARD N	VANGUARD C	VANGUARD S	HAWK	BEARCAT	
FORECAST CATEGORY/TIMING:							
KOZR MAX TEMP:	KOZR MIN ALSTG:		KOZR MAX PA:		T'STORMS:		

CONTACT INFORMATION

FORECASTER PHONE	PMSV	WIF	SOCIAL MEDIA: FB: /fruckerwx X: @fruckerwx			
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 WIND	MAX HAIL

FLIGHT WEATHER BRIEFING

PART I - TAKEOFF DATA (VALID AT 20L)							
1. DATE 260522	2. ACFT TYPE/NO.	3. DEPT/ETD z	4. RUNWAY TEMP 27 °C	5. DEWPOINT 17 °C	6. TEMP DEV °C	7. PRESSURE ALT 290 FT	8. DENSITY ALT 2544 FT
9. SURFACE WIND		10. CLIMB WINDS		13. WWAS			

PART II - ENROUTE & MISSION DATA (ALL HEIGHTS ARE MSL)														
14. FLT LEVEL/WIND/TEMP						15. SPACE WEATHER				16. SOLAR / LUNAR (LOCAL)				
010	19015KT	/	24 °C	050	17015KT	/	16 °C		NO IMPACT	MARGINAL	SEVERE	BMNT: 0444L	EENT: 2036L	% ILLUM
020	19015KT	/	23 °C	060	18020KT	/	14 °C	FREQ	X			BMCT: 0516L	EECT: 2003L	35%
030	18020KT	/	21 °C	070	18015KT	/	13 °C	GPS	X			SR: 0543L	SS: 1937L	AZ (21L): 255
040	18020KT	/	18 °C	080	19015KT	/	11 °C	RAD	X			MR: 1036L	MS: 0002L	EL (21L): 57

18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY					
19. MINIMUM CEILING - LOCATION		20. LLWS - LOCATION		21. MINIMUM FREEZING LVL - LOCATION	
ISOLD AREAS 250 FT AGL		NONE		ALL AREAS 145 FT MSL	

22. THUNDERSTORMS				23. TURBULENCE (CAT II)				24. ICING				25. PRECIPITATION						
	NONE	X	AREA		NONE	IN CLEAR	IN CLOUD		NONE	RIME	MIXED	CLEAR		NONE	DZ	RAIN	SNOW	PELLET
☉	ISOLATED 1 - 2%		MT 420	LIGHT				TRACE					LIGHT			X		
	FEW 3 - 15%			MODERATE				LIGHT					MODERATE					
	SCATTERED 16 - 45%			SEVERE				MODERATE					HEAVY					
	NUMEROUS > 45%			EXTREME				SEVERE					SHOWERS			X		
HAIL, SEV TURBC & ICING, HEAVY PRECIP, LIGHTNING & WIND SHEAR EXPECTED IN/NEAR THUNDERSTORMS				LEVELS				LEVELS				FREEZING						
LOCATION ☉ ISOLD AREAS				LOCATION				LOCATION				RAIN: ISOLD 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	0030 0730	VRB05	7	FEW040 SCT250	29.93	Same as KOZR: KLR, KHEY, KSXS, KFHK, KDHN, KEDN, KTOI, K79J, K0J4, KCEW, KEGI, KDTS, KHRT, KVPS, KNPA, KPAM, KCEP, KMAI, KBCR, KTLH, KEUF
DEST / ALTN TEMPO	0400 0730		5 BR			
DEST / ALTN						
DEST / ALTN						
DEST / ALTN KMG	0030 0200	VRB06	7 VCTS	SCT040 BKN250	29.93	Same as KMG: KPRN, KMVC, KSEM, KGZH, KLSF, KCSG, KBIJ, KBGE, KABY, KMGR, KAUO, K17J
DEST / ALTN FROM	0200 0730	VRB06	7	FEW040 SCT250	29.96	
DEST / ALTN TEMPO	0400 0730		3 BR			
DEST / ALTN						
DEST / ALTN						
DEST / ALTN						
DEST / ALTN						
DEST / ALTN						
DEST / ALTN						
DEST / ALTN						

PART IV - CONTACT INFORMATION			
PMSV: 134.1 (V)	PHONE: 334-255-8385	FACEBOOK: /FTRUCKERWX	https://www.army.mil/rucker#org-weather
WIF: 348.8 (U)	334-255-8397	X: @FTRUCKERWX	

KOZR MAXIMUMS:	MAX TEMP: 27°C	MAX PA: 290 FT	MAX DA: 2090 FT
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35. REMARKS:

PART V - BRIEFING RECORD					
36. WX BRIEFED TIME 22:15 Z	37. FLIMSY BRIEFING # N1 0030Z-0730Z	38. FORECASTER'S INITIALS AB	40. VOID TIME 23:45 Z	41. EXTENDED TO/INITIALS Z	42. WX REBRIEF TIME/INITIALS Z

DD Form 175-1 (LOCAL)