

MISSION EXECUTION FORECAST									
DATE: 15-May-26		VALID PERIOD: PM 1800Z-0030Z			FORECASTER INITIALS: AD				
FLIGHT LEVEL WINDS & TEMPS (MSL)			FCST DATA:		KOZR	AREA	SOLAR/LUNAR (LOCAL)		
FLT LEVEL	WIND / TEMP		MAX TEMP (°C):		28	30	BMNT 0448L	EENT	2031L
010	09005 KT / 25 °C		MIN TEMP (°C):		24	22	SUNRISE	0547L	
020	09005 KT / 22 °C		MAX DEWPT (°C):		9	12	SUNSET	1932L	
030	09005 KT / 19 °C		MIN ALSTG:		29.96	29.92	BMCT 0520L	EECT	1959L
040	10005 KT / 16 °C		MAX PA (FT):		270	500	MOONRISE	0431L	
050	06005 KT / 15 °C		MAX DA (FT):		2180	2720	MOONSET	1835L	
060	03005 KT / 16 °C		MIN CIG (FT AGL):		NONE	NONE	AZIMUTH	306 °	
070	03010 KT / 15 °C		MIN VIS (SM):		7	7	ELEVATION	-16 °	
080	03010 KT / 13 °C		MIN WX:		NONE	NONE	% ILLUM	1%	
FLIGHT HAZARDS W/IN 150NM (All heights are MSL unless otherwise noted)									
TURBULENCE (CAT II)		NONE							
ICING		NONE							
THUNDERSTORMS		NONE							
LLWS (AGL)		NONE							
AREA FORECASTS (All heights are AGL)								TS COVERAGE	
GOLDFISH		08008KT 7SM SKC AFT 2100Z: VRB06KT 7SM FEW220						NONE	
VANGUARD N		08008KT 7SM SKC AFT 2100Z: VRB06KT 7SM FEW220						NONE	
VANGUARD C		08008KT 7SM SKC AFT 2100Z: VRB06KT 7SM FEW220						NONE	
VANGUARD S		08008KT 7SM SKC AFT 2100Z: VRB06KT 7SM FEW220						NONE	
HAWK		08008KT 7SM SKC AFT 2100Z: VRB06KT 7SM FEW220						NONE	
BEARCAT		08008KT 7SM SKC AFT 2100Z: VRB06KT 7SM FEW220						NONE	
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: 24 C		KOZR MIN ALSTG: 29.98		KOZR MAX PA: 250 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 260515	2. ACFT TYPE / NO.	3. DEPT / ETD z	4. RUNWAY TEMP 26 °C	5. DEWPOINT 7 °C	6. TEMP DEV °C	7. PRESSURE ALT 70 FT	8. DENSITY ALT 1685 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 09005KT / 25 °C	050 06005KT / 15 °C			NO IMPACT	MARGINAL	SEVERE	BMNT: 0448L	EENT: 2031L	% ILLUM									
020 09005KT / 22 °C	060 03005KT / 16 °C	FREQ		X			BMCT: 0520L	EECT: 1959L	1%									
030 09005KT / 19 °C	070 03010KT / 15 °C	GPS		X			SR: 0547L	SS: 1932L	AZ (21L): 306									
040 10005KT / 16 °C	080 03010KT / 13 °C	RAD		X			MR: 0431L	MS: 1835L	EL (21L): -16									
18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY																		
NO				TYPE														
19. MINIMUM CEILING - LOCATION ALL AREAS NONE FT AGL				20. LLWS - LOCATION NONE FT AGL				21. MINIMUM FREEZING LVL - LOCATION ALL AREAS 140 FT MSL										
22. THUNDERSTORMS				23. TURBULENCE (CAT II)				24. ICING				25. PRECIPITATION						
	NONE	AREA	LINE		NONE	IN CLEAR	IN CLOUD		NONE	RIME	MIXED	CLEAR		NONE	DZ	RAIN	SNOW	PELLET
	ISOLATED 1 -2%				LIGHT				TRACE					LIGHT				
	FEW 3 - 15%				MODERATE				LIGHT					MODERATE				
	SCATTERED 16 - 45%				SEVERE				MODERATE					HEAVY				
	NUMEROUS > 45%				EXTREME				SEVERE					SHOWERS				
HAIL, SEV TURBC & ICING, HEAVY PRECIP, LIGHTNING & WIND SHEAR EXPECTED IN/NEAR THUNDERSTORMS				LEVELS				LEVELS				FREEZING						
LOCATION				LOCATION				LOCATION				LOCATION						
PART III - AERODROME FORECASTS (ALL HEIGHTS ARE AGL)																		
26. AIRDROME	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. SKY CONDITION				31. ALSYG	Same as KOZR: ALL STATIONS WITHIN 100NM									
DEST / ALTN KOZR	1800 2100 Z	08008	7	SKC				29.96 INS										
DEST / ALTN FROM	2100 0030 Z	VRB06	7	FEW220				29.98 INS										
DEST / ALTN	Z TO Z							INS										
DEST / ALTN	Z TO Z							INS										
DEST / ALTN	Z TO Z							INS										
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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: 28°C		MAX PA: 270 FT		MAX DA: 2180 FT												
35. REMARKS:																		
PART V - BRIEFING RECORD																		
36. WX BRIEFED TIME E 15:45 Z	37. FLIMSY BRIEFING # PM 1800Z-0030Z	38. FORECASTER'S INITIALS AD	40. VOID TIME 17:15 Z	41. EXTENDED TO/INITIALS Z	42. WX REBRIEF TIME/INITIALS Z													

DD Form 175-1 (LOCAL)