

MISSION EXECUTION FORECAST

DATE: 26-May-26	VALID PERIOD: PM 1800Z-0030Z	FORECASTER INITIALS: AD
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FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:		KOZR	AREA	SOLAR/LUNAR (LOCAL)	
FLT LEVEL	WIND / TEMP	MAX TEMP (°C):	27	29	BMNT	0441L	EENT 2039L
010	16015 KT / 24 °C	MIN TEMP (°C):	23	22	SUNRISE		0541L
020	17015 KT / 21 °C	MAX DEWPT (°C):	22	25	SUNSET		1939L
030	19020 KT / 19 °C	MIN ALSTG:	29.96	29.90	BMCT	0514L	EECT 2006L
040	20025 KT / 18 °C	MAX PA (FT):	270	520	MOONRISE		1541L
050	20025 KT / 16 °C	MAX DA (FT):	2050	2630	MOONSET		0240L
060	20020 KT / 15 °C	MIN CIG (FT AGL):	007	007	AZIMUTH		151 °
070	20020 KT / 13 °C	MIN VIS (SM):	1	1	ELEVATION		43 °
080	20020 KT / 11 °C	MIN WX:	+TSRA	TSRA +TSR	% ILLUM		83%

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

TURBULENCE (CAT II)	LGT	CLR/CLD	FL: SFC-100	LOC: ALL AREAS
ICING	NONE			
THUNDERSTORMS	AREA ISOLATED	MT: 420	LOC: ALL AREAS	
	AREA SCATERED	MT: 460	LOC: MOST AREAS	
LLWS (AGL)	NONE			

AREA FORECASTS (All heights are AGL)

	AREA FORECASTS (All heights are AGL)	TS COVERAGE
GOLDFISH	18010G15KT 7SM VCTS FEW018 BKN030 AFT 1900Z: 18010G15KT 4SM SHRA VCTS FEW014 BKN030 ISOLD 2000-2300Z: VRB15G25KT 1SM +TSRA SCT004 BKN007 OVC025	SCATTERED (26-49%)
VANGUARD N	18010G15KT 4SM SHRA VCTS FEW014 BKN030 ISOLD 1900-2300Z: VRB20G30KT 1SM +TSRA SCT004 BKN007 OVC025	SCATTERED (26-49%)
VANGUARD C	18010G15KT 4SM SHRA VCTS FEW014 BKN030 ISOLD 1900-2300Z: VRB20G30KT 1SM +TSRA SCT004 BKN007 OVC025	SCATTERED (26-49%)
VANGUARD S	18010G15KT 4SM SHRA VCTS FEW014 BKN030 ISOLD 1900-2300Z: VRB20G30KT 1SM +TSRA SCT004 BKN007 OVC025	SCATTERED (26-49%)
HAWK	18010G15KT 7SM VCTS FEW018 BKN030 AFT 1900Z: 18010G15KT 4SM SHRA VCTS FEW014 BKN030 ISOLD 2000-2300Z: VRB15G25KT 1SM +TSRA SCT004 BKN007 OVC025	SCATTERED (26-49%)
BEARCAT	18010G15KT 7SM VCTS FEW018 BKN030 AFT 1900Z: 18010G15KT 4SM SHRA VCTS FEW014 BKN030 ISOLD 2000-2300Z: VRB15G25KT 1SM +TSRA SCT004 BKN007 OVC025	SCATTERED (26-49%)
REMARKS:		

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: 23 C	KOZR MIN ALSTG: 29.98		KOZR MAX PA: 250 FT		T'STORMS: YES	

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
WATCH	05-013	1300 Z TIL 0030 Z	LIGHTNING POTENTIAL W/IN 15NM		

PM FLIGHT WEATHER BRIEFING PM

PART I - TAKEOFF DATA (VALID AT 14L)							
1. DATE 260526	2. ACFT TYPE / NO.	3. DEP PT / ETD Z	4. RUNWAY TEMP 26 °C	5. DEWPOINT 22 °C	6. TEMP DEV °C	7. PRESSURE ALT 75 FT	8. DENSITY ALT 1930 FT
9. SURFACE WIND		10. CLIMB WINDS		13. WWAS WATCH 05-013 LIGHTNING POTENTIAL W/IN 15NM VT: 1300Z TIL 0030Z			

PART II - ENROUTE & MISSION DATA (ALL HEIGHTS ARE MSL)															
14. FLT LEVEL/WIND/TEMP						15. SPACE WEATHER			16. SOLAR / LUNAR (LOCAL)						
010	16015KT	/	24 °C	050	20025KT	/	16 °C	NO IMPACT	MARGINAL	SEVERE	BMNT: 0441L	EENT: 2039L	% ILLUM		
020	17015KT	/	21 °C	060	20020KT	/	15 °C	FREQ	X		BMCT: 0514L	EECT: 2006L	83%		
030	19020KT	/	19 °C	070	20020KT	/	13 °C	GPS	X		SR: 0541L	SS: 1939L	AZ (21L): 151		
040	20025KT	/	18 °C	080	20020KT	/	11 °C	RAD	X		MR: 1541L	MS: 0240L	EL (21L): 43		
18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY															
19. MINIMUM CEILING - LOCATION ISOLD AREAS 007 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	X	AREA	LINE	NONE	IN CLEAR	IN CLOUD	NONE	RIME	MIXED	CLEAR	NONE	DZ	RAIN	SNOW	PELLET
☉	ISOLATED 1 -2%		MT 420	LIGHT	X	X	TRACE				LIGHT		X		
	FEW 3 - 15%			MODERATE			LIGHT				MODERATE		X		
☁	SCATTERED 16 - 45%		MT 460	SEVERE			MODERATE				HEAVY		X		
	NUMEROUS > 45%			EXTREME			SEVERE				SHOWERS		X		
HAIL, SEV TURBC & ICING, HEAVY PRECIP, LIGHTNING & WIND SHEAR EXPECTED IN/NEAR THUNDERSTORMS				LEVELS X SFC-100				LEVELS				FREEZING LOCATION			
LOCATION ☉ ALL AREAS ☁ MOST AREAS				LOCATION X ALL AREAS				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. ALSYG
DEST / ALTN KOZR	Z TO Z 1800 1900	18010G15	7 VCTS	FEW018 BKN030		29.96 INS
DEST / ALTN FROM	Z TO Z 1900 0030	18010G15	4 SHRA VCTS	FEW014 BKN030		29.96 INS
DEST / ALTN TEMPO	Z TO Z 2000 2300	VRB15G25	1 +TSRA	SCT004 BKN007 OVC025		INS
DEST / ALTN	Z TO Z					INS
DEST / ALTN	Z TO Z					INS
DEST / ALTN KABY	Z TO Z 1800 0030	18010G15	7 VCTS	SCT020 BKN040		29.98 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 K79J	Z TO Z 1800 0030	18010G15	4 SHRA VCTS	FEW014 BKN030		29.94 INS
DEST / ALTN TEMPO	Z TO Z 1900 2300	VRB20G30	1 +TSRA	SCT004 BKN007 OVC025		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: 27°C MAX PA: 270 FT MAX DA: 2050 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)