

IFR Training Scenario #1

Mission: Transport two 463L pallets of 155mm rounds from Muir AAF (KMUI) to Wilmington/New Castle County (KILG) in support of 109th Field Artillery Annual Training.

WX: See attached DD Form 175-1

NOTAMS: I-ILG OTS UFN (Not programmed into simulation)
Check Defense Internet NOTAM System
<https://www.notams.jcs.mil> or see Notice to Airmen Publication.
Applicable NOTAM (D), NOTAM (L), and FDC NOTAM information is included in the Remarks Block of DD Form 175-1.

Aircraft: CH-47F w/T55-L-714A Engines

DD 365-4: On File at KMUI

Performance Planning:

Departure: Temp +15° C
PA +510
45,000 lbs. GWT at Departure

Enroute: See DD Form 175-1

Arrival: Temp +18°C
PA +120

KMUI Departure Information

Runway 25
Wind 290/10/Gust 15
Altimeter 29.89
004 SCT Ceiling 006 BKN
2 mile drizzle

Clearance

Guard Copter 88011 is cleared to KILG Wilmington New Castle.
Via MUI THREE departure HWANG transition, V170, DUPONT, HADIN
Climb to 3000 expect 5000 10 minutes after departure.
Harrisburg Departure frequency is 118.25 / 269.45
Squawk 4242

Enroute

Frequency change to:
Reading Approach (125.15, 257.9)
Philadelphia Approach (118.35, 323.1)

KILG ATIS

Wilmington / New Castle Information B
Time: _____Z
Wind 280/10
1 mile Mist
Ceiling 010 BKN, 015 OVC
Temperature 18 Dew Point 15
Altimeter 29.87
Traffic landing and departing RWY 27 and RWY 32
Advise initial contact you have information B

FLIGHT WEATHER BRIEFING									
PART I - TAKEOFF DATA									
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KMUI/ Z	4. RWY TEMP +15 °F/C	5. DEWPOINT °F/C	6. TEMP DEV	7. PRES ALT +500 FT	8. DENSITY ALT FT		
9. SFC WIND 2910 M G15 T	10. CLIMB WINDS 29012		11. LOCAL WEATHER WATCH/WARNING/ADVISORY None			12. RSC/RCR			
13. REMARKS/TAKEOFF ALTN FCST SCT 004 BKN 006 2 DZ Departure Airfield Altimeter Setting 29.89									
PART II - ENROUTE & MISSION DATA									
14. FLT LEVEL/WINDS/TEMP 020/30015/+12 040/31020/+10 060/32020/+8		SEE ATTACHED		15. SPACE WEATHER			16. SOLAR/LUNAR		LOCATION
				NO IMPACT MARGINAL SEVERE			BMNT Z		Z
				FREQ			GR Z		MR Z
				GFS			SS Z		MS Z
				RAD			EENT Z		ILLUM %
17. CLOUDS AT FLT LEVEL				18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY					
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IN AND OUT				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO TYPE Haze					
19. MINIMUM CEILING - LOCATION SFC PA Mts. FT AGL			20. MAXIMUM CLOUD TOPS - LOCATION 080 Rte. FT MSL			21. MINIMUM FREEZING LVL - LOCATION 090 PA. FT MSL			
22. THUNDERSTORMS		23. TURBULENCE		24. ICING			25. PRECIPITATION		
CHART		CHART		CHART			CHART		
<input checked="" type="checkbox"/> NONE <input type="checkbox"/> AREA <input type="checkbox"/> LINE		NONE IN CLEAR IN CLOUD		<input checked="" type="checkbox"/> NONE RIME MIXED CLEAR			NONE DRIZZLE RAIN SNOW PELLET		
ISOLATED 1 - 2%		LIGHT <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		TRACE			LIGHT <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
FEW 3 - 15%		MODERATE		LIGHT			MODERATE <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
SCATTERED 16 - 45%		SEVERE		MODERATE			HEAVY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
NUMEROUS - MORE THAN 45%		EXTREME		SEVERE			SHOWERS <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.		LEVELS 020 - 120		LEVELS			FREEZING LOCATION		
LOCATION		LOCATION Rte		LOCATION			Rte		
PART III - AERODROME FORECASTS									
26. DEST/ALTN KILG	27. VALID TIME Z TO Z	28. SFC WIND 28008 M T	29. VSBY/WEA 2 BR	30. CLOUD LAYERS BKN 010 OVC 015		31. ALTIMETER 29.87	RWY TEMP +18 °F/C	PRES ALT +120 FT	
DEST/ALTN Tempo KILG	Z TO Z	M T	1 +RA	OVC 008		INS	°F/C	FT	
DEST/ALTN KRDG	Z TO Z	28015 M T	1/2 RA	OVC 005		29.84	+16	+404 FT	
DEST/ALTN KLNS	Z TO Z	28003 M T	2 BR	BKN 006 OVC 012		29.85	+16	+467 FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	INS	
PART IV - COMMENTS/REMARKS									
32. BRIEFED RSC/RCR	YES	<input checked="" type="checkbox"/> NOT AVAILABLE	33. PMSV FM 49.95	34. ATTACHMENTS	YES	<input checked="" type="checkbox"/> NO			
35. REMARKS I-ILG OTS WIE UFN KLNS ATIS OTS UFN									
PART V - BRIEFING RECORD									
36. WX BRIEFED TIME	37. FLIMSY BRIEFING NO. IFR Scenario #1	38. FORECASTER'S INITIALS			39. NAME OF PERSON RECEIVING BRIEFING				
40. VOID TIME	41. EXTENDED TO/INITIALS	42. WX REBRIEF TIME/INITIALS			43. WX DEBRIEF TIME/INITIALS				
Z	Z	Z			Z				