

## **IFR Training Scenario #2**

**Mission:** VIP Transport to FEMA Meeting. Depart Trenton, Mercer Co Airport (KTTN) to transport the NJ TAG and 4 staff members to Wilmington, Delaware (KILG).

**WX:** See attached DD Form 175-1

**NOTAMS:** I-ILG Localizer OTS.  
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 -20  
32,925 lbs. GWT at Departure

Enroute: See DD Form 175-1

Arrival: Temp +14°C  
PA +538

**Note to I/O:** All NAVAID's are operational on all approaches until disabled by the I/O. NOTAMed outages on DD FORM 175-1 are for this training scenario only.

**KTTN ATIS**

Trenton/Mercer Co Information B

Time: \_\_\_\_\_Z

Wind 270/10

2 mile light rain

010 BKN

Temperature 15 Dew Point 13

Altimeter 29.85

Traffic landing and departing RWY 24

Advise initial contact you have information B

**KTTN Clearance**

Guard Copter 88011 is cleared to (KMQS) (KILG) Wilmington/New Castle Airport  
Via Yardley V143 Pottstown V29 Modena V29 Dupont.

Maintain 4000, Expect 6000 one zero minutes after departure

Departure frequency will be 123.8 or 291.7

Squawk 4242

**Enroute**

Frequency change to Philadelphia Approach 124.35 or 319.15

**KILG Approach Information**

Expect VOR RWY 27

Wind 290/05

Ceiling 008 SCT 010 OVC

1 ½ mile RA

Altimeter 29.87

**KILG ATIS**

Wilmington/New Castle Airport information "C"

Time \_\_\_\_\_Zulu

Wind 290 @ 05

Visibility 1 ½ RA

Ceiling 008 SCT 010 OVC

Temperature +14, Dewpoint +12

Altimeter 29.87

ILS RWY 1 OTS, Landing and departing RWY 1 and 27

Advise on initial contact you have information "C"

FLIGHT WEATHER BRIEFING									
PART I - TAKEOFF DATA									
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KTTN/ Z	4. RWY TEMP +22 °F/C	5. DEWPOINT °F/C	6. TEMP DEV	7. PRES ALT +147 FT	8. DENSITY ALT FT		
9. SFC WIND 3010 M T	10. CLIMB WINDS 30015		11. LOCAL WEATHER WATCH/WARNING/ADVISORY None				12. R#C/RCR		
13. REMARKS/TAKEOFF ALTN FCST OVC 006 1 1/4 RA Departure Airfield Altimeter Setting 29.84									
PART II - ENROUTE & MISSION DATA									
14. FLT LEVEL/WINDS/TEMP 020/30005/+20 040/31015/+18 060/33020/+16			15. SPACE WEATHER			18. SOLAR/LUNAR		LOCATION	
			NO IMPACT MARGINAL SEVERE			BMNT Z			
			FREQ			SR Z		MR Z	
			GPS			BS Z		MS Z	
			RAD			EENT Z		ILLUM %	
17. CLOUDS AT FLT LEVEL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> IN AND OUT				18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO TYPE Precipitation					
19. MINIMUM CEILING - LOCATION 005 Central PA FT AGL				20. MAXIMUM CLOUD TOPS - LOCATION 080 Rte. FT MSL			21. MINIMUM FREEZING LVL - LOCATION 120 PA FT MSL		
22. THUNDERSTORMS		23. TURBULENCE		24. ICING			25. PRECIPITATION		
CHART		CHART		CHART			CHART		
NONE AREA <input checked="" type="checkbox"/> LINE		NONE IN CLEAR IN CLOUD <input checked="" type="checkbox"/>		TRACE NONE RIME MIXED CLEAR			NONE DRIZZLE RAIN SNOW PELLET		
1 ISOLATED 1 - 2%		LIGHT <input checked="" type="checkbox"/>		LIGHT			LIGHT <input checked="" type="checkbox"/>		
FEW 3 - 15%		MODERATE		MODERATE			MODERATE <input checked="" type="checkbox"/>		
SCATTERED 16 - 45%		SEVERE		SEVERE			HEAVY		
NUMEROUS - MORE THAN 45%		EXTREME		BEVERE			SHOWERS <input checked="" type="checkbox"/>		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.				LEVELS 020 - 120			LEVELS		
LOCATION SE OH into NW PA				LOCATION Rte			LOCATION Rte		
PART III - AERODROME FORECASTS									
28. DEST/ALTN	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS		31. ALTIMETER	RWY TEMP	PRES ALT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN KILG	Z TO Z	29005 M T	1 RA	FEW 008 OVC 010		29.87	+22	+389	
DEST/ALTN KMUI	Z TO Z	30015 M T	1 1/2 RA	BKN 010 OVC 015		29.82	+18	+556	
DEST/ALTN KLNS	Z TO Z	28003 M T	1 1/2 -RA	SCT 003 OVC 009		29.89	+18	+423	
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	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	INS	
PART IV - COMMENTS/REMARKS									
32. BRIEFED R#C/RCR		YES	<input checked="" type="checkbox"/> NOT AVAILABLE	33. PMSV FM 49.95		34. ATTACHMENTS		YES	<input checked="" type="checkbox"/> NO
35. REMARKS ILG OTS UFN KLNS RWY 13-31 Closed PAEW KLNS GP UNUSBL									
PART V - BRIEFING RECORD									
38. WX BRIEFED TIME		37. FLIMS Y BRIEFING NO. IFR Scenario #2		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		