

PENNSYLVANIA

CH-47D IFR Training Scenario #7

Wilmington - Trenton Mercer - Capital City

Mission: Transport 24 passengers, including a Major General, from Wilmington, DE (KILG) to Trenton Mercer, NJ (KTTN) where you will drop off 4 passengers (the MG and staff) at the FBO then take the remaining 18 passengers to Capital City airport in Harrisburg, PA (KCXY).

Departure Weather: 11005KT 1/2 -RAFG BKN004 OVC08 08/08 A2974

Enroute/Arrival Weather: Per attached DD Form 175-1

NOTAMS: Check appropriate sources for current NOTAMS. Last minute NOTAMS will be supplied by instructor as required.

Aircraft: CH-47F with 714A Engines.

DD 365-4 Data: On file at KMUI (do not complete 365-4.) Aircraft weight with full crew and fuel and passengers on board is 37,004 lbs.

PPC Data: KILG: Current: PA +248 FAT +5° C Max conditions: PA +300 FAT +8° C.

Enroute/Arrival: See DD Form 175-1.

Remarks: Complete flight planning IAW the ATM and the GP. FM 1-240 appendix B will also help guide flight planning. Plan and fly this mission as you would in the aircraft (i.e. for altitudes, planned approaches alternates as required etc.) If there is any information missing, use your judgment and provide details to instructor prior to the flight.

KILG ATIS

Wilmington New Castle Information V

Time: _____Z

Wind 110/05

1 1/8 mile rain

Ceiling 004 BKN

Temperature 6, Dew Point 6

Altimeter 29.72

Traffic landing and departing RWY 9

Advise initial contact you have information V

KTTN Clearance

Guard Copter 88011 is cleared to KTTN Trenton Mercer.

Via Dupont V214 Yardley direct

Climb to and maintain 7000

Philadelphia Approach frequency will be 118.35 323.1

Squawk 4242

En route Adjust ceiling to 933 for 800 ceiling at KTTN

KTTN ATIS

Trenton Mercer Information Q

Time: _____Z

Wind 090/06

1 1/8 mile Mist

Ceiling 008 BKN, 012 OVC

Temperature 5, Dew Point 4

Altimeter 29.71

Traffic landing and departing RWY 6

Advise initial contact you have information Q

KCXY Clearance

Guard Copter 88011 is cleared to KCXY Capital City.

Via Yardley V143 Pottstown V12 Harrisburg TIVNE

Climb to and maintain 8000

Philadelphia departure frequency will be 123.8 291.7

Squawk 4242

En route

Frequency change contact Harrisburg Approach 124.1 273.525

Adjust ceiling to 1477' for 1200' BKN at KCXY

KCXY ATIS

Capital City Information T

Time: _____Z

Wind 090/08

1 1/4 mile rain

012 BKN

Temperature 6 Dew Point 4

Altimeter 29.78

Traffic landing and departing RWY 8

Advise initial contact you have information T

FLIGHT WEATHER BRIEFING									
PART I - TAKEOFF DATA									
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KILG Z	4. RWY TEMP +6 °F/C	5. DEWPOINT +6 °F/C	6. TEMP DEV	7. PRES ALT +248 FT	8. DENSITY ALT -780 FT		
9. SFC WIND 1105 M T	10. CLIMB WINDS		11. LOCAL WEATHER WATCH/WARNING/ADVISORY				12. RSC/RCR		
13. REMARKS/TAKEOFF ALTN FCST									
PART II - ENROUTE & MISSION DATA									
14. FLT LEVEL/WINDS/TEMP FL030 09015/+2 FL060 12020/-4		SEE ATTACHED		15. SPACE WEATHER			16. SOLAR/LUNAR		LOCATION
				NO IMPACT MARGINAL SEVERE			BMNT Z		
				FREQ			SR Z		MR Z
				GPS			SS 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO TYPE						
19. MINIMUM CEILING - LOCATION 004 KILG FT AGL			20. MAXIMUM CLOUD TOPS - LOCATION 160 FT MSL			21. MINIMUM FREEZING LVL - LOCATION 040 - Enrt 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		<input type="checkbox"/> NONE <input type="checkbox"/> IN CLEAR <input type="checkbox"/> IN CLOUD		<input type="checkbox"/> NONE <input type="checkbox"/> RIME <input type="checkbox"/> MIXED <input type="checkbox"/> CLEAR		<input type="checkbox"/> NONE <input type="checkbox"/> DRIZZLE <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> PELLET			
ISOLATED 1 - 2%		LIGHT <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		TRACE		LIGHT <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			
FEW 3 - 15%		MODERATE		LIGHT		MODERATE			
SCATTERED 16 - 45%		SEVERE		MODERATE <input checked="" type="checkbox"/>		HEAVY			
NUMEROUS - MORE THAN 45%		EXTREME		SEVERE		SHOWERS			
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.		LEVELS SFC - 080		LEVELS 040-100		FREEZING			
LOCATION		LOCATION Enroute		LOCATION Enroute		LOCATION			
PART III - AERODROME FORECASTS									
26. DEST/ALTN	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS		31. ALTIMETER	RWY TEMP	PRES ALT	
KTTN	Z TO Z	09006 M T	1 1/8 BR	BKN008 OVC012		29.71 INS	+5 °F/C	+409 FT	
KCCY	Z TO Z	09008 M T	1 1/4 SHRA	BKN012		29.78 INS	+6 °F/C	+478 FT	
KMDT	Z TO Z	09010 M T	7/8 SHRA	BKN009		29.78 INS	+6 °F/C	+440 FT	
KLNS	Z TO Z	10010 M T	5/8 SHRA	FEW002 BKN005 OVC010		29.77 INS	+5 °F/C	+543 FT	
KMUI	Z TO Z	09010 M T	1/2 FG	BKN006 OVC008		29.76 INS	+4 °F/C	+638 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	NOT AVAILABLE	33. PMSV	34. ATTACHMENTS	YES	NO			
35. REMARKS									
PART V - BRIEFING RECORD									
36. WX BRIEFED TIME		37. FLIMSY BRIEFING NO. IFR Scenario #7		38. FORECASTER'S INITIALS TN		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			