

**PENNSYLVANIA**

**CH-47D IFR Training Scenario #6**

**Muir AAF - Lancaster - Wilmington**

**Mission:** Transport 18 passengers, with luggage, from Muir AAF (KMUI) to Wilmington, DE (KILG) for a conference. There are 4 additional passengers to pickup in Lancaster, PA (KLNS) also going to Wilmington. Due to time constraints, passengers will be loaded with the aircraft running at Airways FBO in Lancaster. Passengers should be dropped off at the DE Army National Guard hangar.

**Departure Weather:** 30010KT 1 SHRA FEW003 BKN008 OVC012 12/10 A2982

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

**NOTAMS:** I-ILG Localizer OTS 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 36,409 lbs.

**PPC Data:** KMUI: Current: PA +580 FAT +8° C Max conditions: PA +620 FAT +12° C.

Enroute/Arrival: See DD Form 175-1.

**Remarks:** Complete flight planning IAW the ATM and the GP. 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.

**KMUI Departure Information**

Runway 25

Wind 300/10

Altimeter 29.84

004 SCT Ceiling 008 BKN

1 miles drizzle

**Clearance**

Guard Copter 88011 is cleared to KLNS Lancaster.

Via MUIR THREE departure Lancaster transition,

Climb to and maintain 3000.

Harrisburg Departure frequency will be 126.45 / 281.525

Squawk 4242

**KLNS ATIS**

Lancaster information B

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

Wind 320/10G16

3/4 mile rain

005 SCT, Ceiling 008 BKN, 012 OVC

Temperature 13 Dew Point 12

Altimeter 29.84

Traffic landing and departing RWY 31

Advise initial contact you have information B

**Clearance**

Guard Copter 88011 is cleared to KILG Wilmington New Castle.

Via Lancaster, direct Modena, V29, Dupont, HADIN

Climb to and maintain 3000

Harrisburg Departure frequency will be 126.45 / 281.525

Squawk 4242

**En route**

Frequency change contact:

Reading Approach (125.15, 257.9)

Philadelphia Approach (118.35, 323.1)

Reduce ceiling to 100' for 500" Ceiling at KILG

**KILG ATIS**

Wilmington New Castle Information V

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

Wind 340/10

1 1/8 mile Rain

Ceiling 005 BKN, 010 OVC

Temperature 14 Dew Point 12

Altimeter 29.89

ILS RWY 1 in use, traffic landing and departing RWY 01/32

Advise initial contact you have information V

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 +12 °F/C	5. DEWPOINT +10 °F/C	6. TEMP DEV	7. PRES ALT +550 FT	8. DENSITY ALT +320 FT
9. SFC WIND 3010 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 - 27018/+8 FL060 - 26029/+3		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. OBSURATIONS AT FLT LEVEL RESTRICTING VISIBILITY <input type="checkbox"/> YES <input type="checkbox"/> NO TYPE			
19. MINIMUM CEILING - LOCATION 004 FT AGL			20. MAXIMUM CLOUD TOPS - LOCATION 120 FT MSL			21. MINIMUM FREEZING LVL - LOCATION 070 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		TRACE		LIGHT	
FEW 3 - 15%		MODERATE		LIGHT		MODERATE	
SCATTERED 16 - 45%		SEVERE		MODERATE		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 080-120	
LOCATION		LOCATION Enroute		LOCATION Enroute		LOCATION Enroute and all stops	
PART III - AERODROME FORECASTS							
26. DEST/ALTN	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS	31. ALTIMETER	RWY TEMP °F/C	PRES ALT FT
DEST/ALTN KLNS	Z TO Z	32010G16 M T	3/4 SHRA	SCT005 BKN008 OVC012	INS 29.84	+13	+480
DEST/ALTN KILG	Z TO Z	34010 M T	1 1/8 SHRA	BKN 005 OVC 010	INS 29.89	+14	+26
DEST/ALTN Alt Dest	Z TO Z	32010 M T	2	BKN012	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	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 #6		38. FORECASTER'S INITIALS TN		39. NAME OF PERSON RECEIVING BRIEFING	
Z		Z		Z		Z	
40. VOID TIME		41. EXTENDED TO/INITIALS		42. WX REBRIEF TIME/INITIALS		43. WX DEBRIEF TIME/INITIALS	
Z		Z		Z		Z	

Reset