

PENNSYLVANIA

CH-47D IFR Training Scenario #8

Muir - Capital City - Johnstown

Mission: Transport 12 passengers and a HMMWV (internally loaded) from Muir AAF (KMUI) to Johnstown, PA (KJST) with an intermediate stop to drop off 4 passengers in Capital City (KCXY).

Departure Weather: 09010KT 1 SHRA SCT 003 BKN005 OVC010 22/18 A3004

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 40,427 lbs.

PPC Data: KMUI: Current: PA +379 FAT +22° C Max conditions: PA +400 FAT +28° 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.

KMUI Departure Information

Runway 07
Wind 090/10
Altimeter 30.06
Ceiling 010 BKN
1 mile drizzle

KCXY Clearance

Guard Copter 88011 is cleared to KCXY Harrisburg Capital City.
Via MUI3 Bobss transition Harrisburg VORTAC direct
Climb to and maintain 3000.
Harrisburg Departure frequency will be 124.1 or 273.525
Squawk 4242

En Route

Set ceiling to 1362 for 012 BKN

KCXY ATIS

Capital City Information T
Time: _____ Z
Wind 120/10
1 1/2 mile rain
012 BKN
Temperature 24 Dew Point 20
Altimeter 30.07
Traffic landing and departing RWY 8
Advise initial contact you have information T.

KJST Clearance

Guard Copter 23385 is cleared to KJST Johnstown – Cambria County.
Direct Harrisburg V12 Johnstown
Climb to and maintain 6000.
Harrisburg Departure frequency will be 124.1 273.525
Squawk 4242

En Route

Frequency Change contact Cleveland Center 121.2 299.2
Set ceiling to 2395 for 006 OVC

KJST ATIS

Johnstown Cambria County Information B
Time: _____ Z
Wind 110/12
1 mile rain
006 OVC
Temperature 21 Dew Point 19
Altimeter 30.10
Traffic landing and departing RWY 15
Advise on 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 +22 °F/C	5. DEWPOINT +18 °F/C	6. TEMP DEV	7. PRES ALT +379 FT	8. DENSITY ALT +1284 FT
9. SFC WIND 0910 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 - 06015/+16 FL 060 - 04020/+10		SEE ATTACHED		15. SPACE WEATHER		16. SOLAR/LUNAR	LOCATION
				NO IMPACT	MARGINAL	SEVERE	BMNT Z
				FREQ			SR Z MR Z
				GPG			SS Z MG 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 FT AGL			20. MAXIMUM CLOUD TOPS - LOCATION 030 FT MSL			21. MINIMUM FREEZING LVL - LOCATION 120 FT MSL	
22. THUNDERSTORMS		23. TURBULENCE		24. ICING		25. PRECIPITATION	
CHART		CHART		CHART		CHART	
<input checked="" type="checkbox"/> NONE	AREA	LINE	<input type="checkbox"/> NONE	<input type="checkbox"/> IN CLEAR	<input checked="" type="checkbox"/> IN CLOUD	<input checked="" type="checkbox"/> NONE	RIME MIXED CLEAR
<input checked="" type="checkbox"/> ISOLATED 1 - 2%			LIGHT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TRACE	
<input type="checkbox"/> FEW 3 - 15%			MODERATE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	LIGHT	
<input type="checkbox"/> SCATTERED 16 - 45%			SEVERE			MODERATE	
<input type="checkbox"/> NUMEROUS - MORE THAN 45%			EXTREME			SEVERE	
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.			LEVELS SFC - 080		LEVELS		FREEZING
LOCATION Southwestern PA			LOCATION Enroute		LOCATION		LOCATION Enroute
PART III - AERODROME FORECASTS							
26. DEST/ALTN KCCXY	27. VALID TIME Z TO Z	28. SFC WIND 12010 M T	29. VSBY/WEA 1 1/2 SHRA	30. CLOUD LAYERS BKN012	31. ALTIMETER INS	RWY TEMP +24 °F/C	PRES ALT +210 FT
DEST/ALTN KJST	Z TO Z	11012 M T	1 RA	OVC006	INS	+21 °F/C	+2119 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	FT
DEST/ALTN	Z TO Z	M T			INS	°F/C	INS
PART IV - COMMENTS/REMARKS							
32. BRIEFED RSC/RCR	<input type="checkbox"/> YES <input type="checkbox"/> NOT AVAILABLE	33. PMSV		34. ATTACHMENTS	<input type="checkbox"/> YES <input type="checkbox"/> NO		
35. REMARKS							
PART V - BRIEFING RECORD							
36. WX BRIEFING TIME Z	37. FLIMSY BRIEFING NO. IFR Scenario #8		38. FORECASTER'S INITIALS TN		39. NAME OF PERSON RECEIVING BRIEFING		
40. VOID TIME Z	41. EXTENDED TO/INITIALS Z		42. WX REBRIEF TIME/INITIALS Z		43. WX DEBRIEF TIME/INITIALS Z		