

## **IFR Training Scenario #5**

**Mission:** Transport a T55-GA-714A engine and maintenance crew from Muir AAF (KMUI) to Hagerstown Regional (KHGR), drop off equipment and crew, return to Muir AAF.

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

**NOTAMS:** 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 +10° C  
PA +476  
36,400 lbs. GWT at Departure

Enroute: See DD Form 175-1

Arrival: Temp +6°C  
PA +486

**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.

**KMUI Departure Information**

Runway 25  
Wind 250/08  
Altimeter 29.92  
Ceiling 004 OVC  
½ mile rain

**Clearance**

Guard Copter 88011 is cleared to KHGR Hagerstown Regional.  
direct Harrisburg V377 Hagerstown  
Climb to 3000 expect 6000 10 minutes after departure.  
Harrisburg Departure frequency will be 118.25 / 269.45  
Squawk 4242

**En route**

Frequency change contact Washington Center 134.15 385.4  
Change ceiling to 915' for 005 BKN at KHGR

**KHGR Airport Information**

Expect Hagerstown ILS RWY 27  
RWY 27 in use  
Wind 270/12  
Altimeter 29.91  
Ceiling 005 BKN 009 OVC  
1 1/4 mile mist

**KHGR ASOS**

Hagerstown regional automated weather report  
Time: \_\_\_\_\_Z  
Ceiling 005 BKN, 009 OVC  
1 ¼ mile Mist  
Altimeter 29.91  
Temperature 6 Dew Point 5  
Wind 270/10

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 +10 °F/C	5. DEWPOINT °F/C	6. TEMP DEV +476 FT	7. PRES ALT +476 FT	8. DENSITY ALT FT	9. SFC WIND 2508 M T	10. CLIMB WINDS 25010	11. LOCAL WEATHER WATCH/WARNING/ADVISORY None	12. RSC/RCR				
13. REMARKS/TAKEOFF ALTN FCST OVC 004 1/2 RA															
PART II - ENROUTE & MISSION DATA															
14. FLT LEVEL/WINDS/TEMP 020/25010/+10 020/26015/+08 060/26018/+06			15. SPACE WEATHER			16. SOLAR/LUNAR		LOCATION							
			NO IMPACT MARGINAL SEVERE			SMNT Z									
			FREQ			SR Z		MR 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 <input type="checkbox"/> IN AND OUT						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO TYPE Precipitation									
19. MINIMUM CEILING - LOCATION PA Mts. FT AGL				20. MAXIMUM CLOUD TOPS - LOCATION 080 Rte. FT MSL				21. MINIMUM FREEZING LVL - LOCATION 060 Rte. FT MSL							
22. THUNDERSTORMS			23. TURBULENCE			24. ICING			25. PRECIPITATION						
CHART			CHART Category 1			CHART			CHART						
<input checked="" type="checkbox"/>	NONE	AREA	LINE	NONE	IN CLEAR	IN CLOUD	NONE	RIME	MIXED	CLEAR	NONE	DRIZZLE	RAIN	SNOW	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		<input checked="" type="checkbox"/>		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 020 - 120				LEVELS							
LOCATION				LOCATION Rte				LOCATION Rte							
PART III - AERODROME FORECASTS															
26.	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS			31. ALTIMETER	RWY TEMP	PRES ALT						
DEST/ALTN KHGR	Z TO Z	27012 M T	1 1/4 BR	FEW004 BKN005 OVC009			INS 29.91	°F/C +6	FT +733						
DEST/ALTN N68	Z TO Z	28010 M T	4 BR	BKN 012			INS 29.90	°F/C +6	FT +344						
DEST/ALTN KMUI	Z TO Z	29008 M T	2 BR	OVC 012			INS 29.93	°F/C +6	FT +486						
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	<input checked="" type="checkbox"/>	NOT AVAILABLE	33. PMSV FM 49.95		34. ATTACHMENTS		YES	<input checked="" type="checkbox"/>	NO				
35. REMARKS KHGR ASOS UNRELBL R-5801 Active during VALID time on DD Form 175-1 Block 27.															
PART V - BRIEFING RECORD															
36. WX BRIEFED TIME		37. FLIMSY BRIEFING NO. IFR Scenario #5			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							