

## IFR Training Scenario EAATS-1

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**Mission:** Transport 6 soldiers from Muir AAF (KMUI) to Wilmington/New Castle County (KILG) in support of 109<sup>th</sup> Field Artillery Annual Training.

**Departure Weather:** See attached DD Form 175-1

**Enroute/Arrival Weather:** Per 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:** UH-60A with T-700 Engines.

**DD 365-4 Data:** On file at KMUI (do not complete 365-4).

**PPC Data:**

Departure:	Temp +15° C PA +510 17,100 lbs. GWT at Departure
Enroute:	See DD Form 175-1
Arrival:	Temp +18°C PA +120

**Remarks:** 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. 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.

## FLIGHT WEATHER BRIEFING

### PART I - TAKEOFF DATA

1. DATE EAATS-1	2. ACFT TYPE/NO. UH60/23748	3. DEP PT/ETD MUI/ Z	4. RWY TEMP +15 °F/C	5. DEWPOINT +8 °F/C	6. TEMP DEV +7	7. PRES ALT +500 FT	8. DENSITY ALT FT
9. SFC WIND 2910 M G15 T		10. CLIMB WINDS		11. LOCAL WEATHER WATCH/WARNING/ADVISORY			12. RSC/RCR
13. REMARKS/TAKEOFF ALTN FCST MUI: SCT 004 BKN 006 2 DZ 29010G15 29.89							

### PART II - ENROUTE & MISSION DATA

14. FLT LEVEL/WINDS/TEMP SFC-080/32020/+8		SEE ATTACHED		15. SPACE WEATHER			16. SOLAR/ LUNAR		LOCATION MUI							
				NO IMPACT	MARGINAL	SEVERE	BMNT	1148	Z							
				FREQ			SR	1219	Z	MR 2123 Z						
				GPS			SS	2141	Z	MS 0743 Z						
				RAD			EENT	2212	Z	ILLUM 8 %						
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 Haze												
19. MINIMUM CEILING - LOCATION SFC PA Mts. FT AGL				20. MAXIMUM CLOUD TOPS - LOCATION 080 RTE FT MSL				21. MINIMUM FREEZING LVL - LOCATION 090 PA FT MSL								
22. THUNDERSTORMS			23. TURBULENCE			24. ICING			25. PRECIPITATION							
CHART			CHART			CHART			CHART							
<input checked="" type="checkbox"/>	NONE	AREA	LINE	NONE	IN CLEAR	IN CLOUD	<input checked="" type="checkbox"/>	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"/>		
	FEW 3 - 15%			MODERATE			LIGHT					MODERATE				
	SCATTERED 16 - 45%			SEVERE			MODERATE					HEAVY				
	NUMEROUS - MORE THAN 45%			EXTREME			SEVERE					SHOWERS		<input checked="" type="checkbox"/>		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.				LEVELS 020 - 120			LEVELS			FREEZING			LOCATION			
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 ILG	Z TO Z	28008 M T	2 BR	BKN 010 OVC 015	INS 29.87	°F/C +18	FT +120
DEST/ALTN TEMPO	Z TO Z	M T	1 +RA	OVC 008	INS	°F/C	FT
DEST/ALTN RDG	Z TO Z	28015 M T	1/2 RA	OVC 005	INS 29.84	°F/C +16	FT +404
DEST/ALTN LNS	Z TO Z	28003 M T	2 BR	BKN 006 OVC 012	INS 29.85	°F/C +16	FT +467
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 I-ILG OTS WIE UFN KLNS ATIS OTS UFN								

### PART V - BRIEFING RECORD

36. WX BRIEFED TIME Z	37. FLIMSY BRIEFING NO.	38. FORECASTER'S INITIALS	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

**ORAL SCENARIO-DAY ONE**

**MISSION:** We are tasked to take a crate of parts to a broken down Apache at from Jacksonville, Fl to Adel, GA.

**VFR SUPPLEMENT Pg 75**

- 1.  Where is the location of the town from the Airport? Airport is 1NM W of Adel.
- 2.  What type of lighting is available? PAPI, MIRL, Pilot Controlled.
- 3.  What is the elevation of the airport? 235'
- 4.  What are the markings for "Displace threshold?" Meaning
- 5.  Can we get fuel there? What does NC mean?
- 6.  (T) Can we get fuel at JAX before we leave?

**IFR SUPPLEMENT (PG B-317)**

- 1.  What type of airport is JAX? Civil Use (P)
- 2.  Is there a military facility on site? Yes, Air National Guard
- 3.  What does LRA mean? Landing rights available
- 4.  What type of VOR is Craig Vortac? HA, 40nm
- 5.  What does the W mean on Dinns NDB? No voice
- 6.  (T) What are the dimensions of the class C airspace around JAX?

**VFR SECTIONAL-JACKSONVILLE**

- 1.  What type of flight plan will I file to Cook County? IFR AR95-1
- 2.  What are my take-off minimums to remain VFR? 1000/3
- 3.  Identify the National Wildlife Refuge, Altitude?
- 4.  Identify the special use airspace around Moody AFB? R
- 5.  What is the airspace at Moody AFB? Class D and E
- 6.  (T) If you were to fly into Moody AFB, what approaches are available?

**APPROACH PLATE #18 (PG 178 ILS RWY 36R)**

- 1.  What is the elevation of the field? 233'
- 2.  What is to scale?
- 3.  What is the TCH, what does it mean? 71'
- 4.  If you are told to fly the approach at 100kts, what will be your descent rate?
- 5.  What does 487 in circling mean? HAA
- 6.  What does 415 mean on straight-in? HAT
- 7.  (T) If you needed to fly to Savannah, GA, what route of flight would you use? Direct Tift-Henry VOR to V578

**ENROUTE LOW ALTITUDE CHART**

- 1.  What does the green symbology for Cook Co mean? Approved low altitude instrument approach procedure.
- 2.  What does the 2<sup>5</sup> mean? OROCA
- 3.  On V578 do I go through any special use airspace?
- 4.  What does the \*1900 on the airway signify? MOCA
- 5.  Identify the DME vs. Total mileage
- 6.  (T) What does the H with negative symbology mean at Savannah? Where can I find out specifics about HIWAS? HIWAS, pg C-47

**FIH**

- 1.  You said that PAPI lighting was available at Cook County, what does PAPI look like? Pg B-38
- 2.  If on approach to the airfield and we received a alternating green and red light, what does this mean? Pg A-11, Extreme caution
- 3.  Does Hunter AAF have a Pilot-to-Metro service available? Yes, C-22