

## IFR Training Scenario RUCKER-4

---

**Mission:** Transport 6 passengers, with luggage, from Cairns Army Airfield (KOZR) to Troy Municipal (KTOI) for a Sikorsky plant tour and drop them off at the FBO. There are 4 passengers to pickup in Troy needing to come back to Cairns. Due to time constraints, passengers will be loaded with the aircraft running at the FBO in Troy. Passengers should be dropped off at the Cairns base operations.

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

**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.

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

### Performance Planning:

Departure:	Temp +25° C PA +310 18,600 lbs. GWT at Departure
Enroute:	See DD Form 175-1
Arrival:	Temp +19°C PA +340

**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	2. ACFT TYPE/NO.	3. DEP PT/ETD Z	4. RWY TEMP °F/C	5. DEWPOINT °F/C	6. TEMP DEV	7. PRES ALT FT	8. DENSITY ALT FT
9. SFC WIND 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 <input type="checkbox"/> SEE ATTACHED	15. SPACE WEATHER			16. SOLAR/ LUNAR	LOCATION
	<input type="checkbox"/> NO IMPACT	<input type="checkbox"/> MARGINAL	<input type="checkbox"/> SEVERE	BMNT	Z
	FREQ			SR	Z MR Z
	GPS			SS	Z MS Z
	RAD			EENT	Z ILLUM %

17. CLOUDS AT FLT LEVEL <input 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 type="checkbox"/> NO TYPE		
---	--	--	---	--	--

19. MINIMUM CEILING - LOCATION FT AGL	20. MAXIMUM CLOUD TOPS - LOCATION FT MSL	21. MINIMUM FREEZING LVL - LOCATION FT MSL
--	---	---

22. THUNDERSTORMS				23. TURBULENCE			24. ICING				25. PRECIPITATION				
CHART				CHART			CHART				CHART				
NONE	AREA	LINE		NONE	IN CLEAR	IN CLOUD	NONE	RIME	MIXED	CLEAR	NONE	DRIZZLE	RAIN	SNOW	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. LOCATION				LEVELS			LEVELS				FREEZING				
				LOCATION			LOCATION				LOCATION				

### 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	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	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 Z	37. FLIMSY BRIEFING NO. Z	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