IFR Training Scenario #4

Mission: Depart Lancaster (KLNS) to conduct a static display at Phillipsburg/MID-STATE (KPSB).

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
C-6533/ARC – ICS
AN/ARC-186 – VHF Communication
AN/ARN-123 – VHF Navigation
AN/ARN-89 – Direction Finder Set
AN/APX-100 – Transponder
AN/ASN-128B – Doppler GPS Navigation Set
AN/ARC-220 – HF Radio Set
AN/ARC-201 – VHF FM Radio SINCGARS
TSEC/KY-100 – Secure Voice and Data

DD 365-4: On File at KMUI

Performance Planning:

Departure: Temp +25° C
PA +454
31,525 lbs. GWT at Departure

Enroute: See DD Form 175-1

Arrival: Temp +24°C
PA +1888

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.

KLNS ATIS
Lancaster Information B
Time: _____Z
Wind 310/10
1 1/4 mile fog
015 OVC
Temperature 25 Dew Point 24
Altimeter 29.85
Traffic landing and departing RWY 31/26
Advise initial contact you have information B

KPSB Clearance
Guard Copter 23385 is cleared to KPSB Phillipsburg/Mid State.
Via Lancaster V210 Harrisburg V33 Phillipsburg direct
Climb to and maintain 4000
Harrisburg Departure frequency will be 126.45 281.525
Squawk 4242

En route
Frequency change contact New York Center 134.8 338.3
Set ceiling to 2445’ for 009 Overcast at PSB

KPSB Approach Information
Expect ILS RWY16
Wind 250/05
Ceiling 009 OVC
1 mile Smoke
Altimeter 29.85

KPSB AWOS
Philipsburg Mid State Regional Airport
Automated Weather Observation
Time:_____Z
Wind 250/05
Visibility 1 mile
Ceiling 009 OVC
Altimeter 29.85

FLIGHT WEATHER BRIEFING

PART I - TAKEOFF DATA

1. DATE	2. ACFT TYPE/NO.	3. DEP PT/ETD	4. RWY TEMP	5. DEWPOINT	6. TEMP DEV	7. PRES ALT	8. DENSITY ALT
	CH-47/011	KLNS/ Z	+25 °F/C	+24 °F/C		+454 FT	FT

9. SFC WIND	10. CLIMB WINDS	11. LOCAL WEATHER WATCH/WARNING/ADVISORY	12. RSC/RCR
3108 M T	31010	None	

13. REMARKS/TAKEOFF ALTN FCST

OVC 015 1 1/4 -FG Departure Airfield Altimeter Setting 29.85

PART II - ENROUTE & MISSION DATA

14. FLT LEVEL/WINDS/TEMP [ ] SEE ATTACHED

020/28010/+23 040/28015/+21 060/28018/+19

15. SPACE WEATHER

	NO IMPACT	MARGINAL	SEVERE				
				BMNT	Z		
FREQ				SR	Z	MR	Z
GPS				SS	Z	MS	Z
RAD				EENT	Z	ILLUM	%

16. SOLAR/ LUNAR LOCATION

17. CLOUDS AT FLT LEVEL: [X] YES [ ] NO [ ] IN AND OUT

18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY: [X] YES [ ] NO TYPE Haze

19. MINIMUM CEILING - LOCATION	20. MAXIMUM CLOUD TOPS - LOCATION	21. MINIMUM FREEZING LVL - LOCATION
SFC PA Mts. FT AGL	080 Rte. FT MSL	120 PA FT MSL

22. THUNDERSTORMS	23. TURBULENCE	24. ICING	25. PRECIPITATION
CHART	CHART Category 1	CHART	CHART

22.		23.	IN CLEAR	IN CLOUD	24.				25.				
[X] NONE					[X] NONE	RIME	MIXED	CLEAR	NONE	DRIZZLE	RAIN	SNOW	PELLET
[ ] ISOLATED 1 - 2%		LIGHT	[X]	[X]	TRACE				LIGHT	[X]	[X]		
[ ] FEW 3 - 15%		MODERATE			LIGHT				MODERATE				
[ ] SCATTERED 16 - 45%		SEVERE			MODERATE				HEAVY				
[ ] NUMEROUS - MORE THAN 45%		EXTREME			SEVERE				SHOWERS		[X]		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.		LEVELS 020 - 100			LEVELS				FREEZING				
LOCATION		LOCATION Rte			LOCATION				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 KPSB	Z TO Z	25005 M T	1 FU	OVC 009	INS 29.85	°F/C +24	FT +1888
DEST/ALTN KJST	Z TO Z	M T	2 BR	OVC 006	INS 29.84	°F/C +22	FT +2260
DEST/ALTN KLNS	Z TO Z	30015 M T	1 3/4 BR	BKN 010 OVC 015	INS 29.90	°F/C +22	FT +404
DEST/ALTN KCXY	Z TO Z	Calm M T	1/2 FG	OVC 003	INS 29.90	°F/C +20	FT +360
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	[X] NOT AVAILABLE	33. PMSV	34. ATTACHMENTS	[ ] YES	[X] NO

35. REMARKS

I-PSB OTS WIE UFN KPSB AWOS-3 OTS KJST ATIS OTS LATLE LOM OTS

PART V - BRIEFING RECORD

36. WX BRIEFED TIME	37. FLIMSY BRIEFING NO.	38. FORECASTER'S INITIALS	39. NAME OF PERSON RECEIVING BRIEFING
Z	IFR Scenario #4		
40. VOID TIME	**41. EXTENDED TO/INITIALS**	**42. WX REBRIEF TIME/INITIALS**	**43. WX DEBRIEF TIME/INITIALS**
Z	Z	Z	Z

DD FORM 175-1, OCT 2002 PREVIOUS EDITION MAY BE USED.

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