

Demo PDF file. This file includes questions: 10 from 114. Full version of file looks the same as demo, but full version includes all questions. You may download file with all questions by link on bottom of this page

Weather

1. Which in-flight advisory would contain information on severe icing not associated with thunderstorms?

- Convective SIGMET.
 - **SIGMET.**
 - AIRMET.
-

2. (Refer to Figure 14.) The wind and temperature at 12,000 feet MSL as reported by a pilot are

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UA/OV KOKC-KTUL/TM 1800/FL 120/TP BE90//SK BKN018-TOP055/OVC072-  
TOP089/CLR ABV/TA M7/WV 08021/TB LGT 055-072/IC LGT-MOD RIME 072-089
```

FIGURE 14.—Pilot Weather Report.

- 090° at 21 knots and -9 °C.
 - 090° at 21 MPH and -9 °F.
 - **080° at 21 knots and -7 °C.**
-

3. (Refer to Figure 12.) What are the wind conditions at Wink, Texas (KINK)?

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METAR KINK 121845Z 11012G18KT 15SM SKC 25/17 A3000  
METAR KBOI 121854Z 13004KT 30SM SCT150 17/6 A3015  
METAR KLAX 121852Z 25004KT 6SM BR SCT007 SCT250 16/15 A2991  
SPECI KMDW 121856Z 32005KT 1 1/2SM RA OVC007 17/16 A2980 RMK RAB35  
SPECI KJFK 121853Z 18004KT 1/2SM FG R04/2200 OVC005 20/18 A3006
```

FIGURE 12.—Aviation Routine Weather Reports (METAR).

- Calm.
- **110° at 12 knots, gusts 18 knots.**
- 111° at 2 knots, gusts 18 knots.

4. A stable air mass is most likely to have which characteristic?

- Showery precipitation.
 - Turbulent air.
 - **Smooth air.**
-

5. (Refer to Figure 14.) The intensity and type of icing reported by a pilot is

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TOP089/CLR ABV/TA M7/WV 08021/TB LGT 055-072/IC LGT-MOD RIME 072-089

FIGURE 14.—Pilot Weather Report.

- Light to moderate.
 - **Light to moderate rime.**
 - Light to moderate clear.
-

6. Which type of weather briefing should a pilot request to supplement mass disseminated data?

- An outlook briefing.
 - A supplemental briefing.
 - **An abbreviated briefing.**
-

7. (Refer to Figure 269, area C.) What cloud layers are forecast in central New York?

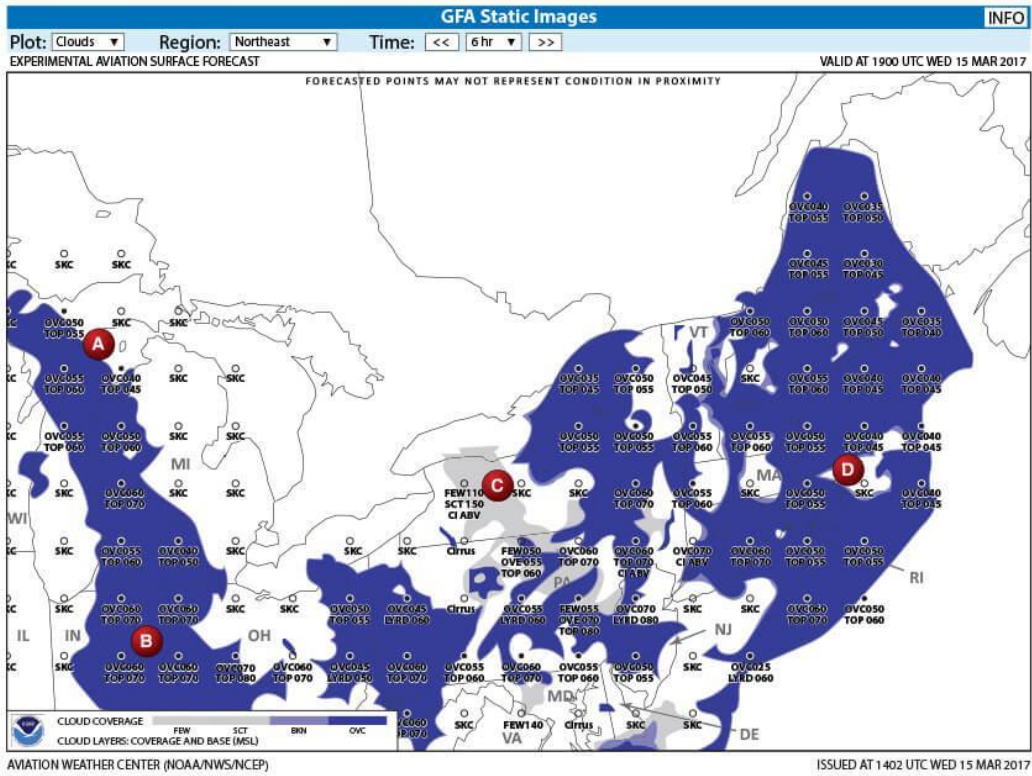


FIGURE 269.—Graphical Forecast for Aviation.
(From the Instrument Rating Testing Supplement)

- Sky clear, few at 11,000 feet MSL and clear above.
- **Few at 11,000 feet MSL and scattered at 15,000 feet MSL.**
- Scattered layer at 15,000 feet MSL.

8. To get a complete weather briefing for the planned flight, the pilot should request

- A general briefing.
- An abbreviated briefing.
- **A standard briefing.**

9. (Refer to Figure 260, area D.) The visibility in central New York just west of Circle D is mostly

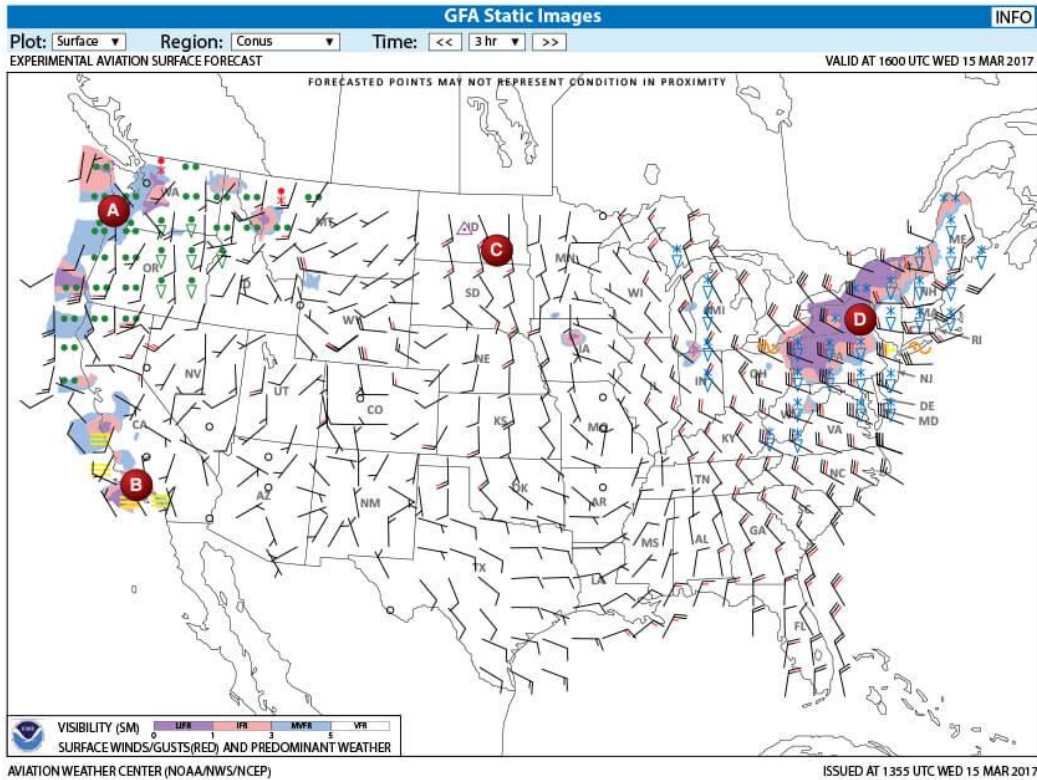


FIGURE 260.—Graphical Forecast for Aviation.
(From the Instrument Rating Testing Supplement)

- **LIFR – visibility 0 to 1 statute mile.**
- IFR – visibility 0 to 1 statute mile.
- MVFR – visibility 3 to 5 statute miles.

10. What information is contained in a CONVECTIVE SIGMET?

- **Tornadoes, embedded thunderstorms, and hail 3/4 inch or greater in diameter.**
- Severe icing, severe turbulence, or widespread dust storms lowering visibility to less than 3 miles.
- Surface winds greater than 40 knots or thunderstorms equal to or greater than video integrator processor (VIP) level 4.