



**Federal Aviation  
Administration**

# **Initial En Route Qualification Training**

**Lesson 14  
Holding Procedures  
End-of-Lesson Test**

**Course 50148001**

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# Initial En Route Training

## Lesson 14

### Holding Procedures

### End-of-Lesson Test – Variation 1

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#### Lesson Objectives:

On an End-of-Lesson Test and in accordance with FAA Order JO 7110.65, you will identify:

- Procedures, and phraseology for holding aircraft
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**Directions:** Items 1 through 8 are multiple choice. Indicate your selection by circling the appropriate letter.

1. When a delay is expected, holding instructions should be issued at least \_\_\_\_\_ minutes before the aircraft reaches the clearance limit fix.
  - A. 20
  - B. 15
  - C. 10
  - D. 5
2. What is the phraseology for issuing holding instructions when the holding pattern is charted?
  - A. "Cleared to Magnolia VORTAC, hold northwest as published, expect further clearance one one three five."
  - B. "Cleared to Magnolia VORTAC, hold northwest as charted, expect further clearance one one three five."
  - C. "Cleared to Magnolia VORTAC, expect further clearance one one three five."
  - D. "Cleared to Magnolia VORTAC, hold northwest, left turns, expect further clearance one one three five."

**HOLDING PROCEDURES**  
**End-of-Lesson Test – Variation 1** *(Continued)*

3. What is the correct sequence for issuing holding instructions for a noncharted holding pattern to an aircraft?
  - A. Holding fix; direction of hold; radial, course, bearing, track, azimuth, airway or route on which to hold; leg length; direction of turns; EFC
  - B. Holding fix; direction of hold; airway or route on which to hold; EFC; leg length; track; azimuth
  - C. Direction of hold; holding fix; EFC; radial; bearing; track; course; airway or route on which to hold
  - D. Holding fix; direction of hold; EFC; direction of turns; leg length; course; bearing; azimuth; airway or route on which to hold
  
4. Which of the following is an instance when the direction of turns must be included in a holding clearance?
  - A. Aircraft is at or below 14,000 feet MSL
  - B. DME or RNAV is to be used
  - C. Aircraft is following a standard pattern
  - D. Left turns are to be made
  
5. What action should be taken if you delay or intend to delay aircraft?
  - A. Broadcast delay information via ATIS.
  - B. Issue holding instructions.
  - C. Advise your supervisor or a TMU coordinator.
  - D. Advise all adjacent control facilities.

# HOLDING PROCEDURES

## End-of-Lesson Test – Variation 1 (Continued)

6. If **NO** delay is expected, when should clearance beyond the fix be issued?
  - A. At least three minutes before aircraft arrives at fix
  - B. Before aircraft starts slowing down
  - C. Before aircraft arrives at fix
  - D. As soon as possible
  
7. Select the phraseology to clear an aircraft whose route has **NOT** changed beyond a holding fix.
  - A. "AS FILED."
  - B. "VIA LAST ROUTING CLEARED."
  - C. "VIA LAST ROUTING FILED."
  - D. "VIA FILED FLIGHT PLANNED ROUTE."
  
8. Choose the phraseology to issue the clearance indicated on the strip.

|                                                  |             |     |  |      |     |                                       |                |
|--------------------------------------------------|-------------|-----|--|------|-----|---------------------------------------|----------------|
| N6835K<br><br>GLF3/A<br>T420<br><br>66<br><br>03 | GLH<br>1837 | 47  |  | 130✓ | MEI | KLIT GLH V74 MHZ V18<br>MEI KMEI/1859 | H - NW<br>1857 |
|                                                  |             | 18  |  |      |     |                                       |                |
|                                                  |             | 47  |  |      |     |                                       |                |
|                                                  |             | MHZ |  |      |     |                                       |                |

- A. "Gulfstream Three Five Kilo, hold northwest as published, expect further clearance one eight five seven."
- B. "Gulfstream Three Five Kilo, cleared to Magnolia VORTAC, hold northwest as published, expect further clearance one eight five seven."
- C. "Gulfstream Three Five Kilo, cleared to Magnolia VORTAC, hold as published, expect further clearance one eight five seven."
- D. "Gulfstream Three Five Kilo, hold northwest as charted, expect further clearance one eight five seven."