



**Federal Aviation
Administration**

Initial En Route Qualification Training

**Lesson 19
Initial Separation of
Departures
And Visual Separation
End-of-Lesson Test**

Course 05148001

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Initial En Route Training

Lesson 19

Initial Separation of Departures and Visual Separation End-of-Lesson Test – Variation 1

Lesson Objectives:

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

- Initial separation between successive departing aircraft
 - Authorizing a nonapproach control tower to provide separation between arriving and departing aircraft
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Directions: Items 1 through 9 are multiple choice. Indicate your selection by circling the appropriate letter.

1. At airports where airport traffic control service is provided, specify, as needed, _____.
 - A. Initial heading azimuth to be flown
 - B. Local traffic pattern
 - C. Local wind information
 - D. Obstructions

2. Prior to including direction of takeoff in a clearance issued to an aircraft departing an airport within Class E airspace where airport traffic control service is **NOT** provided, the air traffic controller must _____.
 - A. Solicit direction from the TRACON.
 - B. Obtain/solicit the pilot's concurrence before issuing the clearance
 - C. Coordinate with the destination airport.
 - D. Obtain clearance from the En Route facility.

INITIAL SEPARATION OF DEPARTURES AND VISUAL SEPARATION

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

3. When an aircraft is departing an airport located in Class G (uncontrolled) airspace, what should **NOT** be specified after takeoff as part of the departure clearance?
- A. Direction of takeoff/turn
 - B. Altitude
 - C. Fix point
 - D. Clearance limit

4. Identify the correct phraseology for the following:

T→NW TL 300/⇨ V555

- A. “Depart northwest heading three zero zero until joining Victor Five Fifty-Five.”
 - B. “Depart northwest, turn left fly heading three zero zero until joining Victor Five Fifty-Five
 - C. “Depart northwest heading, turn left three zero zero until joining Victor Five Fifty-Five.”
 - D. “Depart northwest, turn left at three zero zero until joining Victor Five Fifty-Five.”
5. When two aircraft will depart adjacent airports and their courses will diverge by 55° immediately after takeoff, what is the minimum separation that may be used?
- A. 1 minute
 - B. 2 minutes
 - C. 3 miles
 - D. 5 miles

INITIAL SEPARATION OF DEPARTURES AND VISUAL SEPARATION
End-of-Lesson Test – Variation 1 (Continued)

6. When aircraft will fly the same course initially and you authorize 2 minutes of separation, courses must diverge within _____ after takeoff.
- A. 3 minutes
 - B. 5 nautical miles
 - C. 5 minutes
 - D. 13 miles DME
7. All of the following are required conditions for authorizing a non-approach control tower to provide visual separation between aircraft within surface areas or designated areas EXCEPT _____.
- A. at least one aircraft is visually observed by the tower
 - B. both aircraft must be visually observed by the tower
 - C. other separation is assured before the application of visual separation
 - D. other separation is assured after the application of visual separation
8. What is the phraseology to authorize a nonapproach control tower to provide visual separation between arriving and departing IFR aircraft?
- A. "RELEASE SUBJECT YOUR DISCRETION (identification)."
 - B. "RELEASE YOUR DISCRETION WHEN (identification) IN SIGHT, LANDING ASSURED."
 - C. "VISUAL SEPARATION APPROVED, RELEASE WHEN (identification) IN SIGHT AND LANDING ASSURED."
 - D. "VISUAL SEPARATION APPROVED BETWEEN (identification) AND (identification). (Departing aircraft) RELEASED."

INITIAL SEPARATION OF DEPARTURES AND VISUAL SEPARATION
End-of-Lesson Test – Variation 1 *(Continued)*

9. What is the phraseology to release N123 two minutes after N65K?
- A. “ November One Two Three released two minutes after November Six Five Kilo departs.”
 - B. “Release November One Two Three two minutes later than November Six Five Kilo.”
 - C. “November One Two Three is released two minutes after November Six Five Kilo departs McAlester.”
 - D. “Visual separation is approved between November One Two Three and November Six Five Kilo.”