



**Federal Aviation
Administration**

Initial En Route Qualification Training

**Instructor
Lesson 19
Initial Separation of
Departures and Visual
Separation**

Course 50148001

LESSON PLAN DATA SHEET

COURSE NAME: INITIAL EN ROUTE QUALIFICATION TRAINING
COURSE NUMBER: 50148001

LESSON TITLE: INITIAL SEPARATION OF DEPARTURES AND VISUAL SEPARATION

DURATION: 10+30 HOURS

DATE REVISED: 2022-02
VERSION: V.2022-02

REFERENCE(S): FAA ORDER JO 7110.65, AIR TRAFFIC CONTROL

HANDOUT(S): InitSep-parttask.f2k - INITIAL SEPARATION PART-TASK STRIPS


**EXERCISE(S)/
ACTIVITY(S):** EXERCISE: APPLYING INITIAL SEPARATION, PART 1 AND PART 2

**END-OF-LESSON
TEST:** YES (*REFER TO ELT19.PDF*)

**PERFORMANCE
TEST:** NONE

MATERIALS: NONE

**OTHER PERTINENT
INFORMATION:** NONE

 **NOTE:** As you prepare for this lesson, recall and be prepared to talk about examples and personal experiences that illustrate or explain the teaching points in the lesson.

DISCLAIMER

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INTRODUCTION


**Gain
Attention**




Initial En Route Qualification Training

Lesson 19 Initial Separation of Departures and Visual Separation

V.2022-02
Presented by
FAA Academy
Air Traffic Division



Federal Aviation
Administration



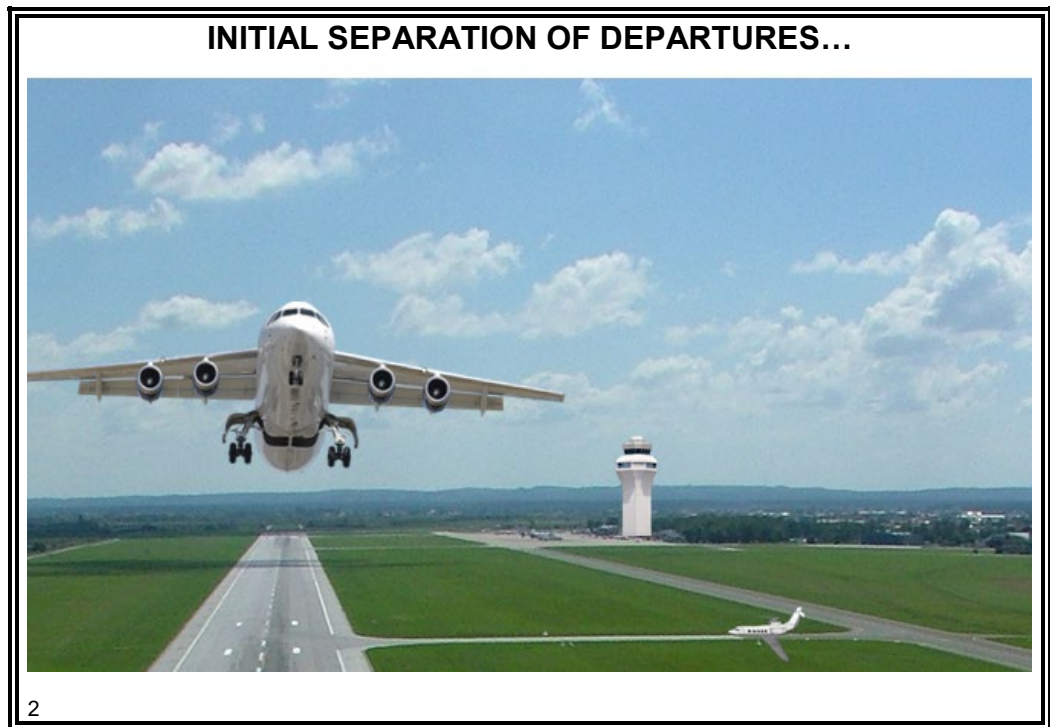
1

There will be times that numerous aircraft will want to depart a single airport at the same time. In this lesson, you will learn separation rules that will allow you to separate departing aircraft from other departures and arrivals. After applying initial separation, you will then safely and efficiently transition these aircraft into the en route environment using previously learned separation procedures.

Continued on next page

INTRODUCTION *(Continued)*

Opening Scenario



Learning to use nonradar separation minima between successive departing aircraft and/or visual separation between arriving and departing aircraft will help you to expedite traffic into and out of airports.

Purpose

This lesson covers the rules and procedures for providing initial separation between departures. It also covers application of visual separation between arrivals and departures.

Continued on next page

INTRODUCTION *(Continued)*


Lesson Objectives



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

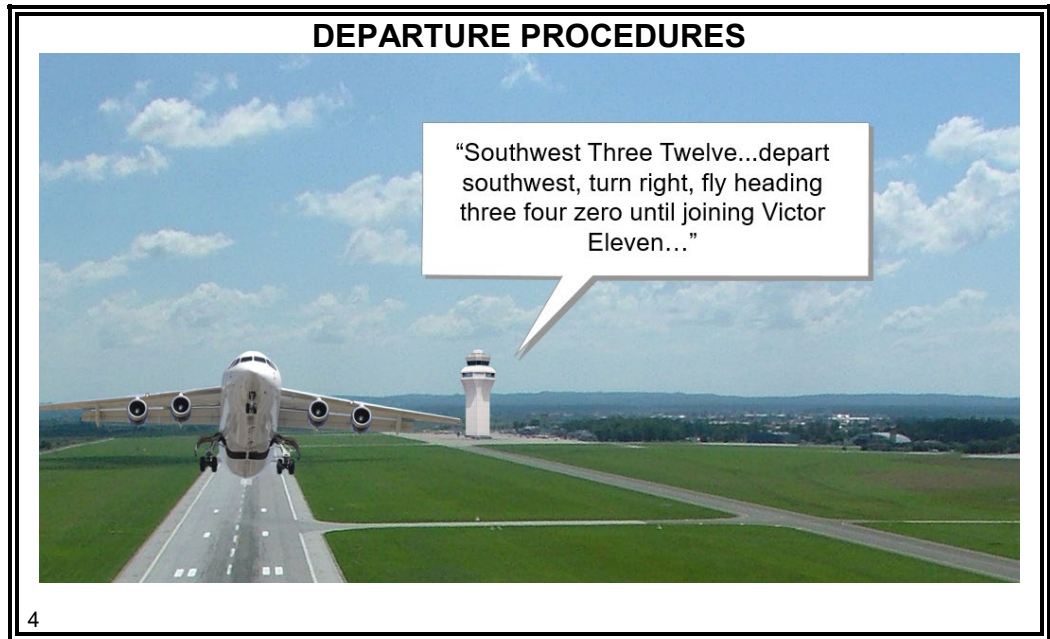
3

 **NOTE:** Teach from graphic.

DEPARTURE PROCEDURES

Clearance Items

JO 7110.65,
par. 4-3-2



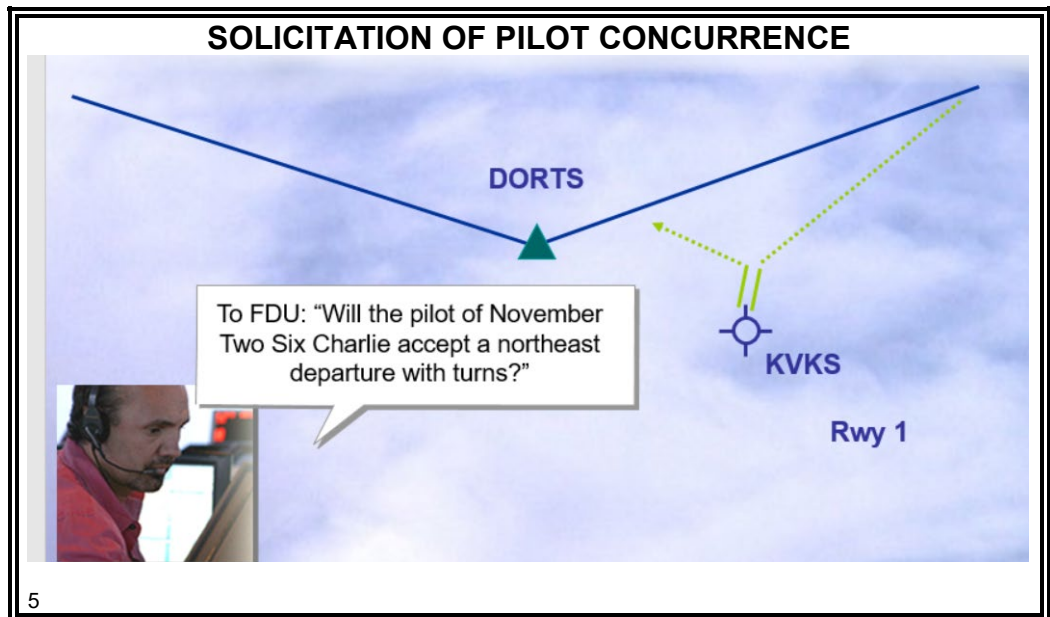
- ⦿ At airports with airport traffic control service, specify as necessary:
 - Direction of takeoff/turn
 - Initial heading/azimuth to be flown

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DEPARTURE PROCEDURES *(Continued)*

Clearance Items (Cont'd)

JO 7110.65,
par. 4-3-2



- ⦿ At airports within Class E surface areas, but without airport traffic control service, specify the following, if necessary, after soliciting/obtaining the pilot's concurrence:

- Direction of takeoff/turn
- Initial heading/azimuth to be flown

NOTE: These items can be obtained/solicited directly from the pilot or relayed by a Flight Data Communication Specialist.



Phraseology

"FLY RUNWAY HEADING."

"DEPART (direction or runway)."

"TURN LEFT/RIGHT."

Continued on next page

DEPARTURE PROCEDURES *(Continued)*

Clearance Items (Cont'd)

JO 7110.65,
par. 4-3-2

- ⊙ At all other airports
 - Do **not** specify direction of takeoff/turn after takeoff
 - If necessary to specify an initial heading/azimuth to be flown after takeoff:
 - Issue the initial heading/azimuth so as to apply **only** within controlled airspace



Phraseology

“WHEN ENTERING CONTROLLED AIRSPACE (instruction), FLY HEADING (degrees) UNTIL REACHING (altitude, point, or fix) BEFORE PROCEEDING ON COURSE,

or

FLY A (degree) BEARING/AZIMUTH FROM/TO (fix) UNTIL (time),

or

UNTIL REACHING (fix or altitude).”

- ⊙ Where **only** textually described instrument departure procedures are published and pilot compliance is necessary to ensure separation, include the procedure in the ATC clearance.



Phraseology

“DEPART VIA THE (airport name) (runway number) DEPARTURE PROCEDURE.”

NOTE: Consider aircraft speed and climb characteristics.

- Compatibility with a procedure issued may be verified by asking the pilot if items obtained will allow compliance with local traffic pattern, terrain, or obstruction avoidance



Phraseology Example

“Verify this clearance will allow compliance with local traffic pattern and terrain or obstruction avoidance.”

NOTE: Students need to use the above phraseology at OM8 and VKS when a departure clearance (including initial departure instructions) is issued that differs from the pilot's filed route.

NOTE: If a published IFR departure procedure is **not** included in an ATC clearance, compliance with such a procedure is the pilot's prerogative.

INITIAL SEPARATION OF SUCCESSIVE DEPARTURES

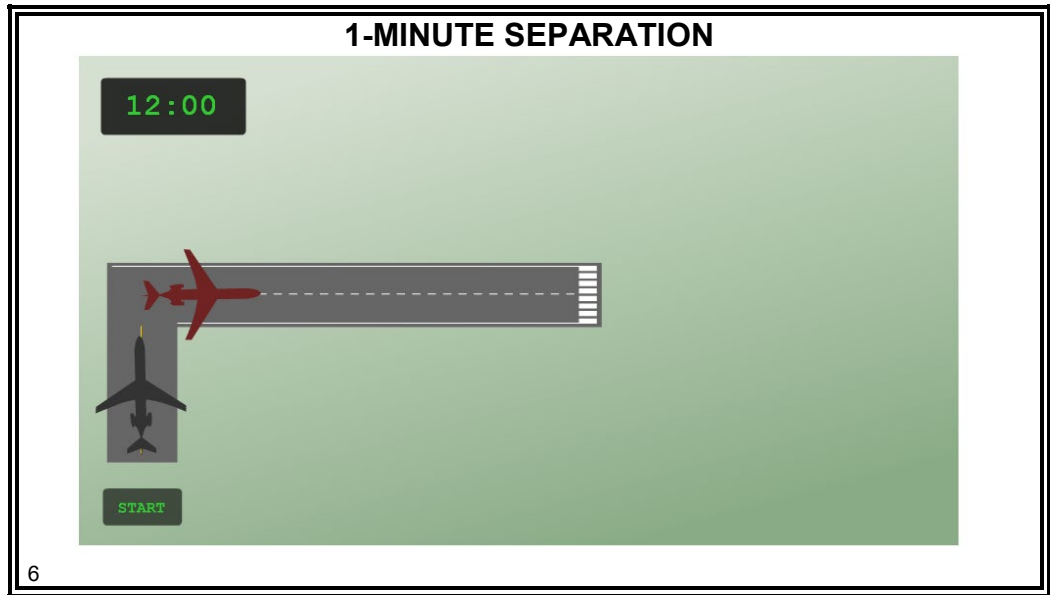
Diverging Courses

JO 7110.65,
par. 6-2-1



- ⦿ Courses **must** diverge by 45 degrees or more after departure from adjacent or same airport.

NOTE: Controllers can make courses diverge by issuing turns and headings.



☞ **NOTE:** Introduce topic and then click **START** to play animation. “Animation Complete” will display when the animation is finished. Click the **REPLAY** button to play animation again.

☞ **NOTE:** Click outside the animation to advance to the next slide.

- ⦿ Separation minima

NOTE: Consider aircraft performance characteristics.

- For courses diverging immediately after takeoff:
 - 1 minute



Phraseology Example

“November One Two Three released one minute after November Four Five Six departs.”

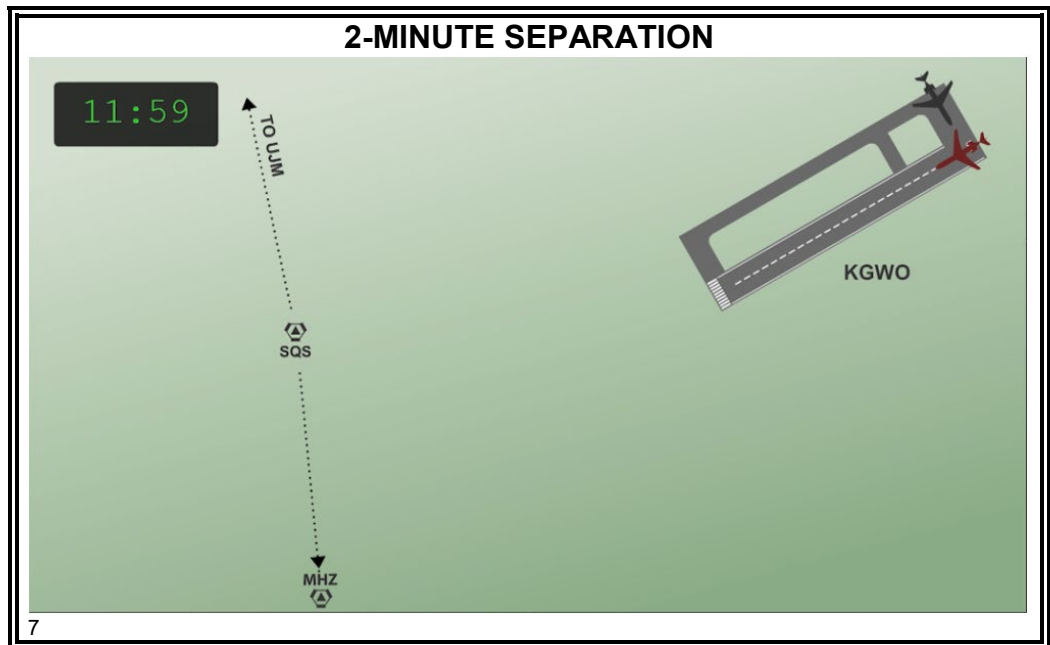
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INITIAL SEPARATION OF SUCCESSIVE DEPARTURES

(Continued)

Diverging Courses (Cont'd)

JO 7110.65,
par. 6-2-1



☞ **NOTE:** Introduce topic and then click **START** to play animation. “Animation Complete” will display when the animation is finished. Click the **REPLAY** button to play animation again.

☞ **NOTE:** Click outside the animation to advance to the next slide.

- For courses diverging within 5 minutes after takeoff (same course initially):
 - 2 minutes



Phraseology Example

“November One Two Three released two minutes after November Four Five Six departs.”

☞ **NOTE:** Greenwood to Sidon is 10NM. Courses will diverge by 45 degrees by 5 minutes after takeoff as long as the first aircraft is 2 miles per minute or faster.

INITIAL SEPARATION OF SUCCESSIVE DEPARTURES

(Continued)

Knowledge Check



KNOWLEDGE CHECK							
N795K BE9L/A T250 66 01	EDC 1500	T → SW- SQS RLS 2 MIN < N31KA 1502/ KGWO P1500	↑ 90 X8NE SQS ↓ 70 ↑ 90	HLI 90	KGWO SQS V535 KMEM/0035	D-A	
N31KA BE9L/A T250 66 01	EDC 1500	T → SW- SQS 1500/ KGWO P1500	↑ 100 X8NE SQS ↓ 70 X17NW MHz ↑ 60	MHZ 100	KGWO SQS V9 KMCB/0035	D-A	

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☞ **NOTE:** Click once to show answer. Circles will be red.

☞ **NOTE:** Restriction is for separation from Columbus MOA.

ANSWER: Check aircraft speeds and direction of takeoff; both aircraft must depart same direction

Continued on next page

INITIAL SEPARATION OF SUCCESSIVE DEPARTURES

(Continued)

Knowledge
Check
(Cont'd)



KNOWLEDGE CHECK

❖ **QUESTION:** What phraseology would you use to issue the necessary instructions to each of the aircraft in the previous question?

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👉 **NOTE:** Click once to show answer.

ANSWER: “November Three One Kilo Alpha, cleared to McComb Airport via depart southwest, direct Sidon, Victor Niner as filed. Cross eight miles northeast Sidon VORTAC at or below seven thousand, cross one seven miles northwest Magnolia VORTAC at or above six thousand. Climb and maintain one zero thousand.”

“November Seven Niner Five Kilo, cleared to Memphis Airport via depart southwest, direct Sidon, Victor Five Thirty-Five as filed. Cross eight miles northeast Sidon VORTAC at or below seven thousand, climb and maintain niner thousand. November Seven Niner Five Kilo released two minutes after November Three One Kilo Alpha departs.”

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INITIAL SEPARATION OF SUCCESSIVE DEPARTURES

(Continued)

Knowledge Check (Cont'd)



KNOWLEDGE CHECK					
N78J C182/A T140 66 01		T→SW TL 205/⇒ V9 ↑	↑60	MHZ	KGWO SQS V9 MHZ V245 KAEX/0130 D-A
		KGWO P1500	60		
N45C C210/A T180 66 01		T→SW TR 310/⇒ V535 ↑	↑70	HLI	KGWO SQS V535 HLI M41/0034 D-A
		1500/1503			
		KGWO P1500	↑70	70	

10

NOTE: Click once to show answer.

ANSWER: A

Continued on next page

INITIAL SEPARATION OF SUCCESSIVE DEPARTURES

(Continued)

Knowledge
Check
(Cont'd)



KNOWLEDGE CHECK

❖ **QUESTION:** Select the correct phraseology for:

T→SW TL 200/⇒V555

- A. "Depart southwest heading two zero zero until joining Victor Five Fifty-Five."
- B. "Depart southwest, turn left two zero zero until joining Victor Five Fifty-Five."
- C. "Depart southwest, turn left fly heading two zero zero until joining Victor Five Fifty-Five."

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☞ **NOTE:** Click once to show answer.

ANSWER: C

Continued on next page

INITIAL SEPARATION OF SUCCESSIVE DEPARTURES

(Continued)

Knowledge Check (Cont'd)



KNOWLEDGE CHECK					
AAL111 B722/A T440 66 01		↑		UJM 120	KGWO SQS V9 UJM KMEM
		KGWO P0010			
DAL421 B732/A T440 66 01		↑		MHZ 120	KGWO SQS V9 MHZ V245 KAEX
		KGWO P0010			

QUESTION: By at least how many degrees must these aircraft diverge immediately after takeoff in order to depart 1 minute apart?

A. 25
B. 35
C. 45

12

NOTE: Click once to show answer.

ANSWER: C

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EXERCISE: APPLYING INITIAL SEPARATION, PART 1

Exercise



APPLYING INITIAL SEPARATION EXERCISE, PART 1



Purpose: to practice recording clearances and control information and writing phraseology

Directions: record the clearance and control information on the flight progress strips and write the appropriate phraseology

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Directions

For questions 1 and 2, record the clearance and control information on the flight progress strips and write the appropriate phraseology in the space provided.

Continued on next page

EXERCISE: APPLYING INITIAL SEPARATION, PART 1


(Continued)

Questions

1. Using the 1-minute rule, record the clearance and control information on the flight progress strips and write the appropriate phraseology.



KNOWLEDGE CHECK					
Time: 1340					
Runway: 23					
N545HM				HLI	KGWO SQS V535 HLI M41/0043
C172/A					
T140					
66					
01		KGWO P1345		70	
N33T				MHZ	KGWO SQS V9 MCB KNEW/0115
C310/A					
T180					
66					
01		KGWO P1345		60	

 **NOTE:** Click once to show answer.

ANSWER:

Time: 1340
Runway: 23

<p>N545HM</p> <p>C172/A</p> <p>T140</p> <p>66</p> <p>01</p>	<p>EDC</p> <p>1347</p>	<p>T→SW TR 335/⇒ V535 RLS 1MIN< N33T</p> <p>1346/</p> <p>KGWO P1345</p>	<p>↑70</p> <p>↑70</p>	<p>HLI</p> <p>70</p>	<p>KGWO SQS V535 HLI M41/0043</p>	<p>D-A</p>
<p>N33T</p> <p>C310/A</p> <p>T180</p> <p>66</p> <p>01</p>	<p>EDC</p> <p>1345</p>	<p>T→SW TL 205/⇒ V9</p> <p>1345/</p> <p>KGWO P1345</p>	<p>↑60</p> <p>X17NW MHz @</p>	<p>MHZ</p> <p>60</p>	<p>KGWO SQS V9 MCB KNEW/0115</p>	<p>D-A</p>

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EXERCISE: APPLYING INITIAL SEPARATION, PART 1

(Continued)

Questions
(Cont'd)

ANSWER:

*"November Three Three Tango, cleared to New Orleans Lakefront Airport via
Depart southwest, turn left, fly heading two zero five until joining Victor Niner,
Victor Niner, McComb, direct. Cross one seven miles northwest Magnolia
VORTAC established on Victor Niner at and maintain six thousand."*

*"November Five Four Five Hotel Mike, cleared to Holly Springs Airport via
depart southwest, turn right, fly heading three three five until joining Victor
Five Thirty-Five, Victor Five Thirty-Five as filed. Climb and maintain seven
thousand. November Five Four Five Hotel Mike released one minute after
November Three Three Tango departs."*

Continued on next page

EXERCISE: APPLYING INITIAL SEPARATION, PART 1

(Continued)

Questions (Cont'd)



2. Using the 2-minute rule, record the clearance and control information on the flight progress strips and write the appropriate phraseology.

KNOWLEDGE CHECK					
Time: 1340					
Runway: 23					
N709SK BE35/A T180 66 01		↑		HLI KGWO SQS V535 HLI M41/0035 90	
N545HM BE35/A T180 66 01		↑		GLH KGWO SQS V278 GLH KELD/0050 80	

 **NOTE:** Click once to show answer.

ANSWER:

Time: 1340

Runway: 23

N709SK BE35/A T180 66 01	<div> <div>T→SW -SQS RLS 2MIN< N545HLM</div> <div>↑</div> <div> <div>↑90 X8NE SQS ↓70</div> <div>↑90</div> </div> </div>	HLI KGWO SQS V535 HLI M41/0035 90	D-A
N545HM BE35/A T180 66 01	<div> <div>T→SW -SQS</div> <div>↑</div> <div> <div>↑80 X8NE SQS ↓70</div> <div>↑80</div> </div> </div>	GLH KGWO SQS V278 GLH KELD/0050 80	D-A

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EXERCISE: APPLYING INITIAL SEPARATION, PART 1

(Continued)

Questions
(Cont'd)

ANSWER:

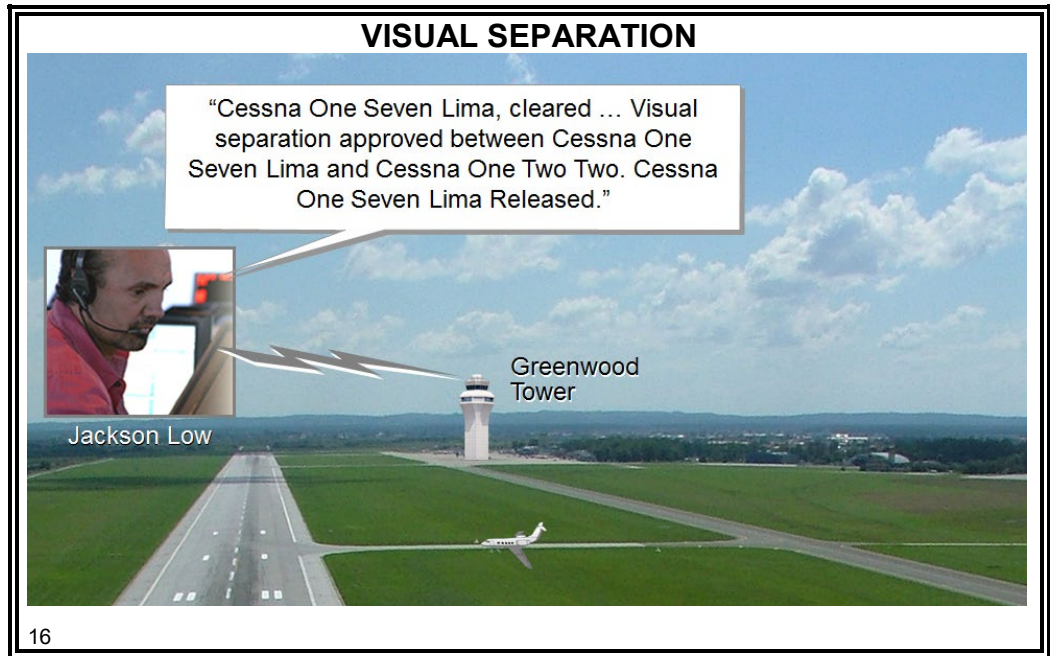
*“November Five Four Five Hotel Mike, cleared to El Dorado Airport via
depart southwest, direct Sidon, Victor Two Seventy-Eight. Cross eight miles
northeast Sidon VORTAC at or below seven thousand. Climb and maintain
eight thousand.”*

*“November Seven Zero Niner Sierra Kilo, cleared to Holly Springs Airport via
depart southwest, direct Sidon, Victor Five Thirty-Five Holly Springs direct.
Cross eight miles northeast Sidon VORTAC on V535 at or below seven
thousand. Climb and maintain eight thousand. November Seven Zero Niner
Sierra Kilo released two minutes after November Five Four Five Hotel Mike
departs.”*

VISUAL SEPARATION

Application

JO 7110.65,
par. 7-2-1



- ⦿ Nonapproach control towers may be authorized to provide visual separation between aircraft within surface areas or designated areas provided other separation is assured before and after the application of visual separation.



Phraseology

“VISUAL SEPARATION APPROVED BETWEEN (identification) AND (identification).”

And for departing aircraft,

(Departing/succeeding aircraft) (ACID), RELEASED.”

☞ **NOTE:** Give stripmarking examples.

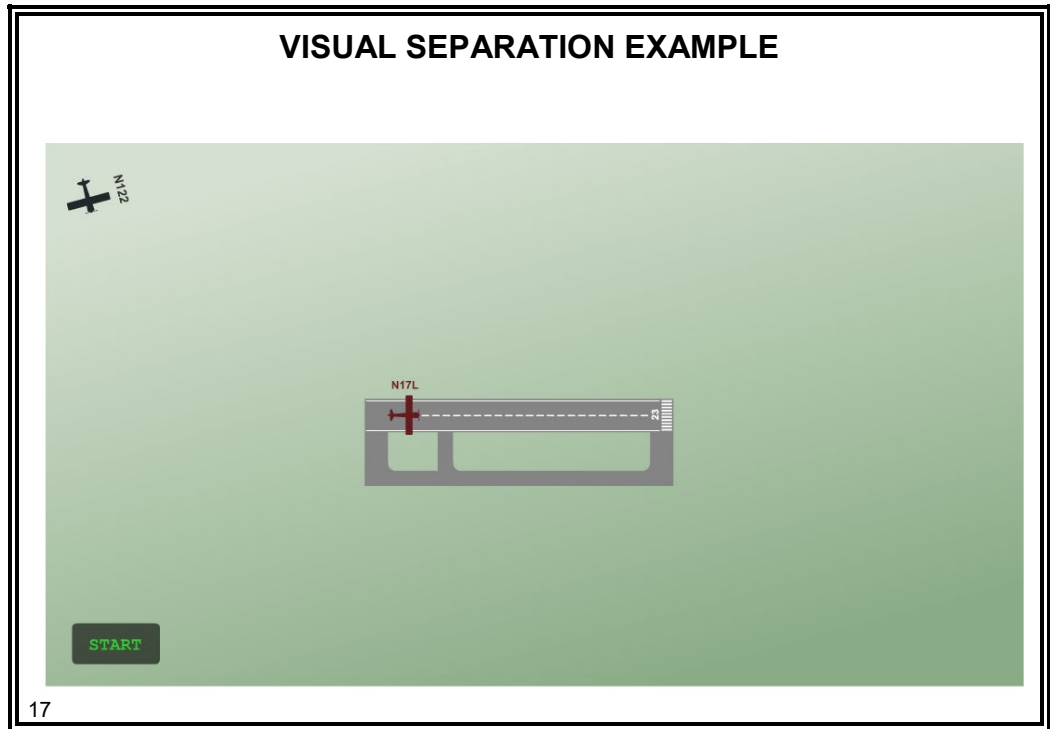
NOTE: Both aircraft **must** be visually observed by the tower.


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VISUAL SEPARATION (Continued)

Application (Cont'd)

JO 7110.65,
par. 7-2-1



 **NOTE:** Introduce topic and then click **START** to play animation. "Animation Complete" will display when the animation is finished. Click the **REPLAY** button to play animation again.

 **NOTE:** Click outside the animation to advance to the next slide.

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VISUAL SEPARATION *(Continued)*

Knowledge Check



KNOWLEDGE CHECK

- ❖ **QUESTION:** N316K is on approach to KGWO Airport. N13Y requests clearance to depart. What phraseology would the center controller use to authorize GWO Tower to provide visual separation?
- A. "Visual separation approved between November One Three Yankee and November Three One Six Kilo. November One Three Yankee released."
 - B. "Release November One Three Yankee your discretion when November Three One Six Kilo is in sight."
 - C. "Apply VFR between November One Three Yankee and November Three One Six Kilo."

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☞ **NOTE:** Click once to show answer.

ANSWER: A

EXERCISE: APPLYING INITIAL SEPARATION, PART 2

Exercise



APPLYING INITIAL SEPARATION EXERCISE, PART 2



Purpose: to practice recording clearances and control information and writing phraseology

Directions: record the clearance and control information on the flight progress strips and write the appropriate phraseology

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Directions

For questions 1 through 4, record the coordination, clearance, and control information on the flight progress strips and write the appropriate phraseology in the space provided.

Continued on next page

EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions

- Using the 1-minute rule, record the coordination, clearance, and control information on the flight progress strips and write the appropriate phraseology.



KNOWLEDGE CHECK						
Time: 0055 Runway: 1						
N4815G AC90/A T290	EDC 0120		↑	MHZ	KVKS MHZ V18 KMEI/0029	
		KVKS P0100				
		130				
N5878K AC90/A T290	EDC 0115		↑	MLU	KVKS MLU V94 EMG KSHV/0038	ZFW
		KVKS P0100				
		140				
20						

NOTE: Click once to show answer. Point out that the pilots' concurrence should be solicited/obtained and coordination effected prior to issuance of clearances. Tell students that N4815G coordination is on the MHZ strip.

ANSWER:

Time: 0055

Runway: 1

N4815G AC90/A T290	EDC 0120	T→NE TR 040/⇒ V417 HFR	↑	↑130 X20SW MHZ ↑60	MHZ	KVKS MHZ V18 KMEI /0029 V417	D-A
		0115					
		KVKS P0100					
		130					
N5878K AC90/A T290	EDC 0115	T→NE TL 300/⇒ V417 V<0105(10)	↑	↑140 X31SE MLU ↑70	MLU	KVKS MLU V94 EMG KSHV /0038 V417	D-A
		0100/					
		KVKS P0100					
		140	↑140				
ZFW							

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EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions (Cont'd)

ANSWER:

Coordinate with the next sector before issuing clearance. "November Five Eight Seven Eight Kilo, cleared from Vicksburg Airport to Shreveport Airport via depart northeast, turn left, fly heading three zero zero until joining Victor Four Seventeen, Victor Four Seventeen, Monroe, as filed.

Cross three one miles southeast Monroe VORTAC established on Victor Four Seventeen at or above seven thousand. Climb and maintain one four thousand. Clearance void if not off by zero one zero five.

If not off by zero one zero five, advise Aero Center not later than zero one one zero of intentions. Verify this clearance will allow compliance with local traffic pattern and terrain or obstruction avoidance. Advise (ACID) Released for Departure, Contact AERO Center One Two Five Point Zero."

"November Four Eight One Five Golf, cleared from Vicksburg Airport to Meridian Airport via depart northeast, turn right, fly heading zero four zero until joining Victor Four Seventeen, Victor Four Seventeen, Magnolia, as filed. Cross two zero miles southwest Magnolia VORTAC established on Victor Four Seventeen at or above six thousand. Climb and maintain one three thousand. Verify this clearance will allow compliance with local traffic pattern and terrain or obstruction avoidance. Hold for release."

Once N5878K is airborne and has reported on frequency, N4815G may be released one full minute later. Advise (ACID) Released for Departure, Contact AERO Center One Two Five Point Zero."

Continued on next page

EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions (Cont'd)



- Using the 2-minute rule, record the coordination, clearance, and control information on the flight progress strips and write the appropriate phraseology.

KNOWLEDGE CHECK					
Time: 1700 Runway: 23					
N792FG BE58/A T190 66 01		↑	GLH	KGWO SQS V278 GLH KPBF/0115	D-A
			80		
FLG690 BE58/A T190 66 01		↑	UJM	KGWO SQS V9 UJM KMEM	D-A
			120		

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👉 **NOTE:** Click once to show answer.

ANSWER:

Time: 1700
Runway: 23

N792FG BE58/A T190 66 01	EDC 1715	T→SW -SQS RLS 2MIN< FLG690 1707/	↑80 X8NE SQS ↓70 ↑80	GLH	KGWO SQS V278 GLH KPBF /0115	D-A
		KGWO P1705	80			
FLG690 BE58/A T190 66 01	EDC 1710	T→SW -SQS 1705/	↑120 X8NE SQS ↓70 ↑120	UJM	KGWO SQS V9 UJM KMEM	D-A
		GWO P1705	120			

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EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions
(Cont'd)

ANSWER:

Coordinate with the next sector before issuing clearance. "Flagship Six

Ninety, cleared to Memphis Airport via depart southwest, direct Sidon,

Victor Niner, Marvell, direct. Cross eight miles northeast Sidon VORTAC

at or below seven thousand. Climb and maintain one two thousand."

"November Seven Niner Two Foxtrot Golf, cleared to Pine Bluff Airport via

depart southwest, direct Sidon, Victor Two Seventy-Eight,

Greenville, direct. Cross eight miles northeast Sidon VORTAC at or below

seven thousand. Climb and maintain eight thousand. November

Seven Niner Two Foxtrot Golf released two minutes after Flagship Six Ninety

departs."

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EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions (Cont'd)



3. Using the 1-minute rule, record the coordination, clearance, and control information on the flight progress strips and write the appropriate phraseology.

KNOWLEDGE CHECK							
Time: 1455 Runway: 23							
FLG690 BE58/A T190 66 01			↑		UJM	KGWO SQS V9 UJM KMEM	
					60		
		KGWO P1500					
N601T C421/A T190 66 01			↑		MHZ	KGWO SQS V9 MCB KNEW/0120	
					60		
		KGWO P1500					
22							

👉 **NOTE:** Click once to show answer.

ANSWER:

Time: 1455
Runway: 23

FLG690 BE58/A T190 66 01		T→SW TR 310/⇒ V9 RLS 1MIN< N601T	↑	↑60	UJM	KGWO SQS V9 UJM KMEM	D-A
	EDC 1520	1501 /		↑60	60		
		KGWO P1500					
N601T C421/A T190 66 01		T→SW TL 210/⇒ V9	↑	↑60 X17NW MHZ @	MHZ	KGWO SQS V9 MCB KNEW /0120	D-A
	EDC 1515	1500 /			60		
		KGWO P1500					

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EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions
(Cont'd)

ANSWER:

"Golden Eagle Six Zero One Tango, cleared to New Orleans Lakefront

Airport via depart southwest, turn left, fly heading two one zero until joining

Victor Niner, Victor Niner, McComb, direct. Cross one seven miles northwest

Magnolia VORTAC established on Victor Niner at and maintain six thousand."

"Flagship Six Ninety, cleared to Memphis Airport via depart southwest turn

right, fly heading three one zero until joining Victor Niner, Victor Niner,

Marvell, direct. Climb and maintain six thousand. Flagship

Six Ninety released one minute after Golden Eagle Six Zero One Tango

departs."

Continued on next page

EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions (Cont'd)



4. Write the phraseology to clear N359DB and authorize GWO ATCT to separate N752HY and N359DB. Record the coordination, clearance, and control information on the flight progress strips.

KNOWLEDGE CHECK							
Time: 1424							
Runway: 23 is active at GWO							
N752HY B350/A T230 66 04	UJM 1409	26 14 1426 26 1426 SQS	90✓ 90/24 NW X↗70	KGWO 1431	KLIT./UJM V9 SQS KGWO/1431 C 67↗70	VR VR 1424	
N359DB PAY3/A T260 66 01				UJM 160	KGWO SQS V9 UJM KSUS/0124		

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👉 **NOTE:** Click once to show answer.

ANSWER:

Time: 1424

Runway: 23 is active at GWO

N752HY B350/A T230 66 04	UJM 1409	26 14 1426 26 1426 SQS	90✓ 90/24 NW X↗70	KGWO 1431	KLIT./UJM V9 SQS KGWO/1431 C 67↗70	VR VR 1424	
N359DB PAY3/A T260 66 01		SYD/N752HY 1429/ KGWO P1429	↑160 X8NE SQS ↗70 ↑160	UJM 160	KGWO SQS V9 UJM KSUS/0124		D-A

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EXERCISE: APPLYING INITIAL SEPARATION, PART 2

(Continued)

Questions
(Cont'd)

ANSWER:

Coordinate with the next sector before issuing clearance. "November Three Five Niner Delta Bravo, cleared to Spirit of St. Louis Airport as filed via Sidon. Cross eight miles northeast Sidon VORTAC at or below seven thousand. Climb and maintain one six thousand. Visual separation approved between November Three Five Niner Delta Bravo and November Seven Five Two Hotel Yankee. November Three Five Niner Delta Bravo released."

IN CONCLUSION

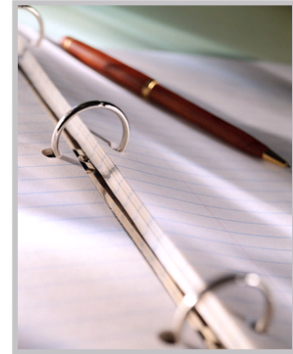
Lesson Review



LESSON REVIEW

The following topics were covered in this lesson:

- Departure procedures
- Initial separation of successive departures
- Visual separation



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 **NOTE:** Teach from graphic. Review and elaborate briefly on the topics covered in this lesson.

End-of-Lesson Test



END-OF-LESSON TEST

Initial
Separation of
Departures and
Visual
Separation



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Part-Task Lab



You will now complete the Initial Separation part-task lab using InitSep-parttask.f2k strips.