

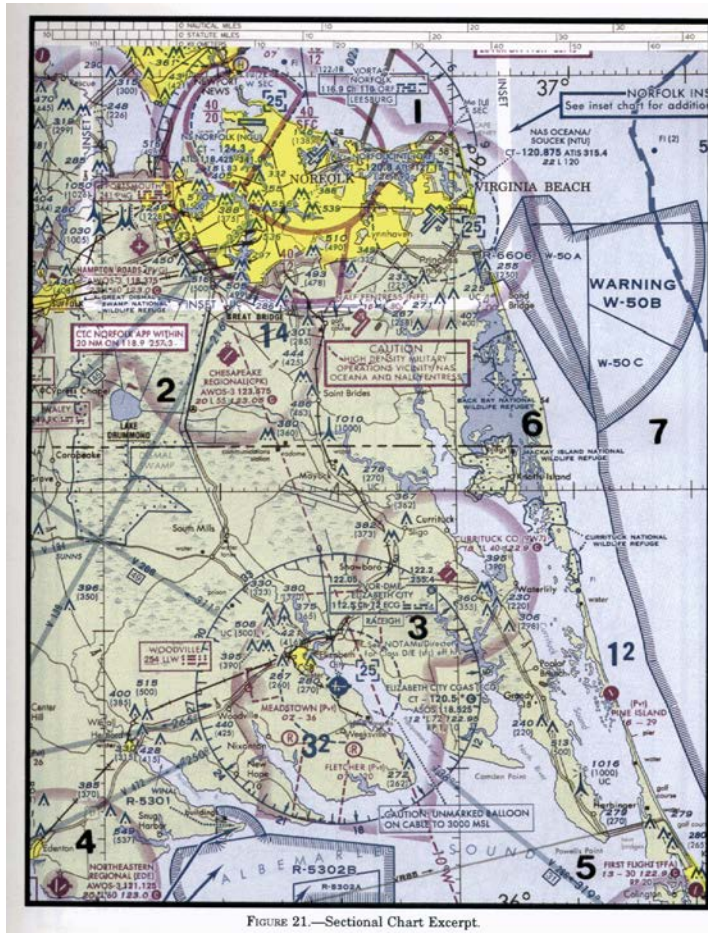
## (A56) CPL直昇機基本航行學

最近更新日期：無；更新題號：無

原始題號:0015092 題組:1 難易度:中

- (C) 1. (參照圖1)決定自First Flight機場(第5區)至Hampton Roads機場(第2區)的磁航向為何(如圖A56\_Fig1)  
(A)141°。 (B)321°。 (C)331°。

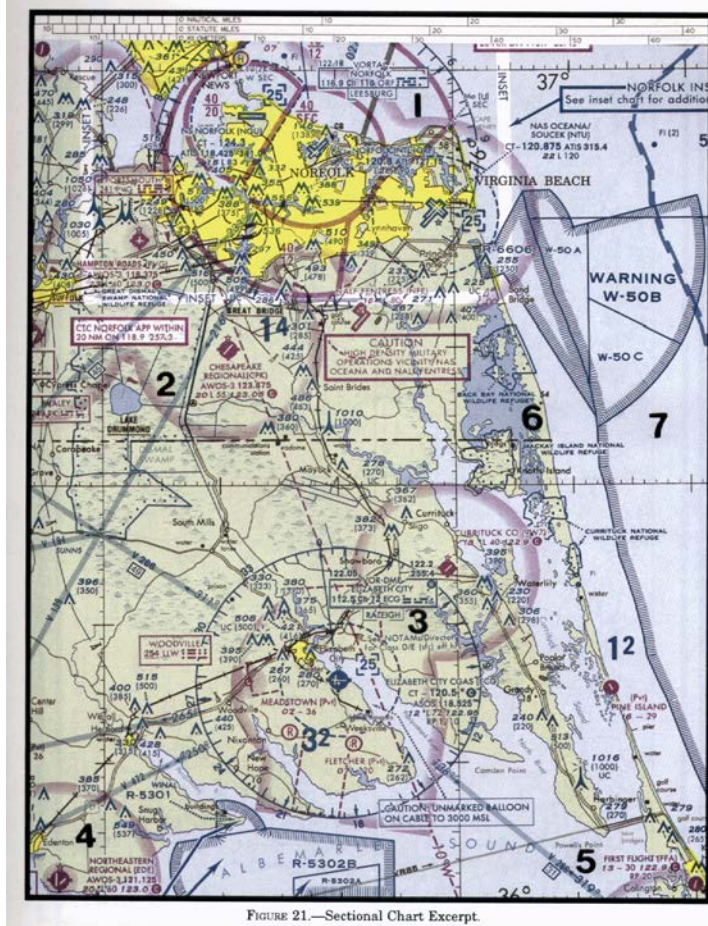
題目圖：



原始題號:0015093 題組:2 難易度:中

- (C) 2. (參照圖1)在飛往First Flight機場(第5區)的航路中，於1456時通過Hampton Roads機場(第2區)，然後於1501時飛越Chesapeake市立機場。試問到達First Flight機場時間為何?  
(如圖A56\_Fig1)  
(A)1516。 (B)1521。 (C)1526。

題目圖：

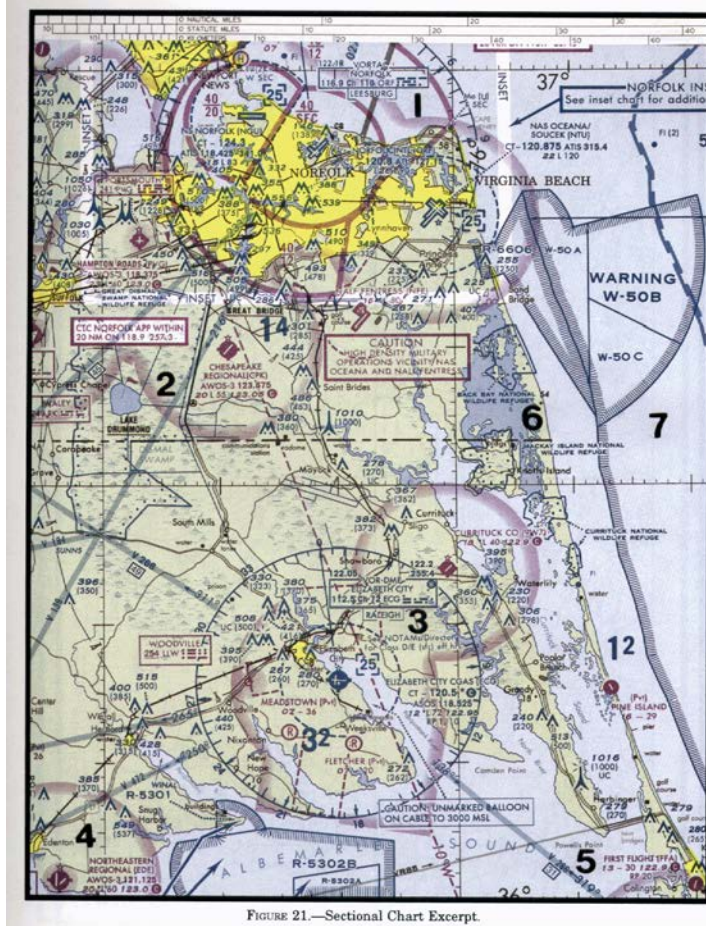


原始題號:0015094 題組:3 難易度:中

- (B) 3. (參照圖1)如VOR接收器顯示你在 Elizabeth市VOR的340°輻向(第3區)，試問你在 Norfolk西南(第1區)V-1低空航路的概略位置？  
(如圖A56\_Fig1)
- (A)距Norfolk VORTAC 15浬。(B)距Norfolk VORTAC 18浬。(C)距Norfolk VORTAC 23浬。



題目圖：



原始題號:0015095 題組:4 難易度:中

(C) 4 (參照圖1，第2區)在Drummond湖的旗形符號代表  
(如圖A56\_Fig1)

(A)Norfolk C類空域強制報告點。(B)Hampton Roads機場強制報告點。(C)用來辨識  
Norfolk進場管制的目視檢查點。

題目圖：

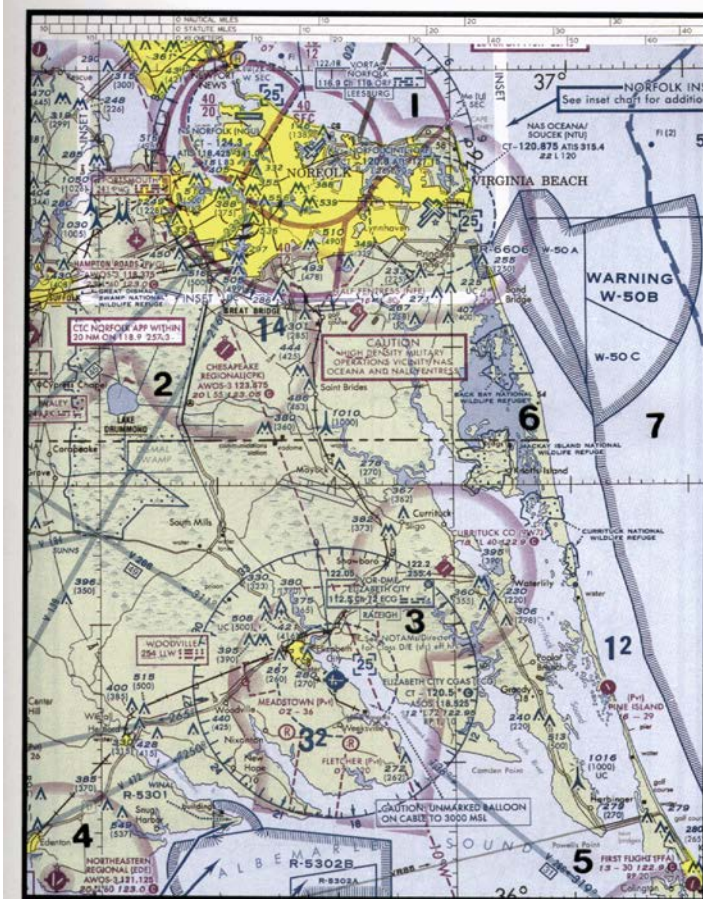


FIGURE 21.—Sectional Chart Excerpt.

原始題號:0015096 題組:5 難易度:中

- (A) 5 (參照圖1，第2區)在Chesapeake地區機場的標高為  
(如圖A56\_Fig1)  
(A)20 呎。(B)36呎。(C)360呎。

題目圖：

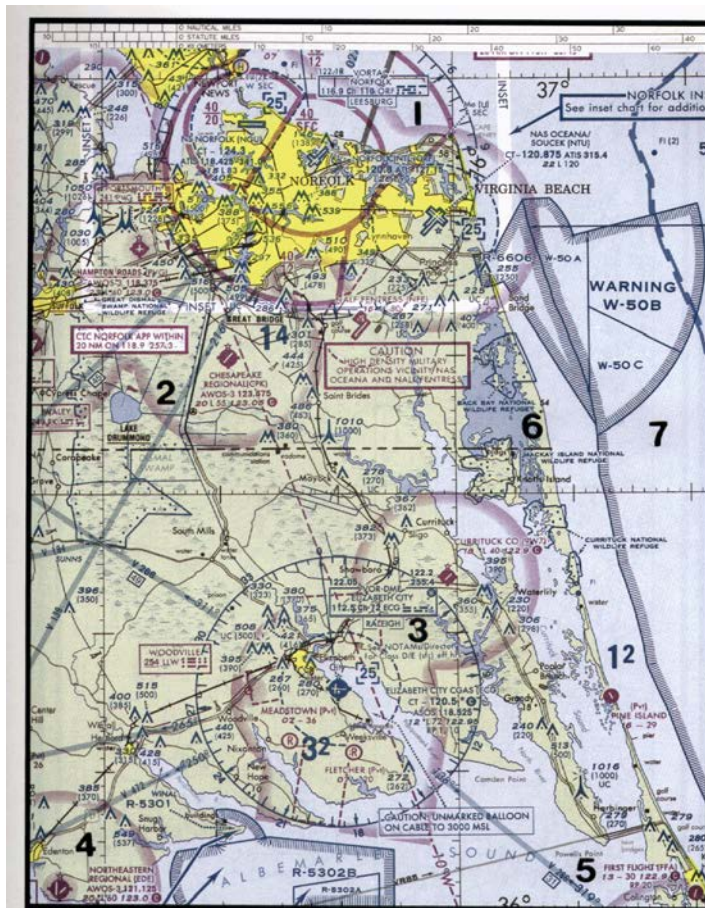


FIGURE 21.—Sectional Chart Excerpt.



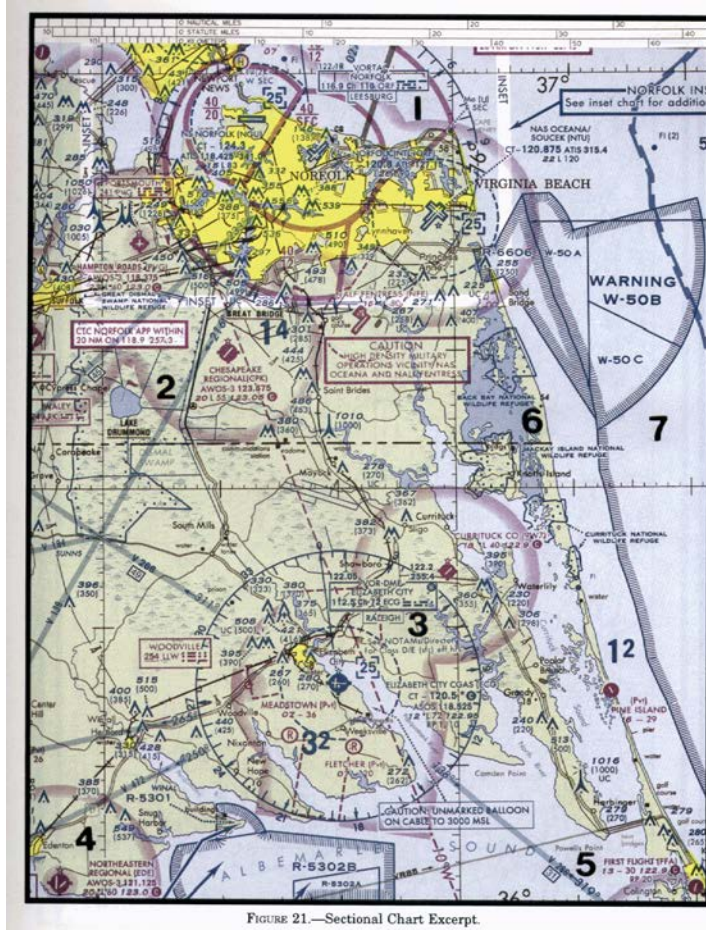
原始題號:0015097 題組:6 難易度:中

(A) 6. (參照圖1, 第3區) 決定 Currituck郡機場的概略經緯度。

(如圖A56\_Fig1)

(A)  $36^{\circ}24'N - 76^{\circ}01'W$ 。 (B)  $36^{\circ}48'N - 76^{\circ}01'W$ 。 (C)  $47^{\circ}48'N - 75^{\circ}58'W$ 。

題目圖：



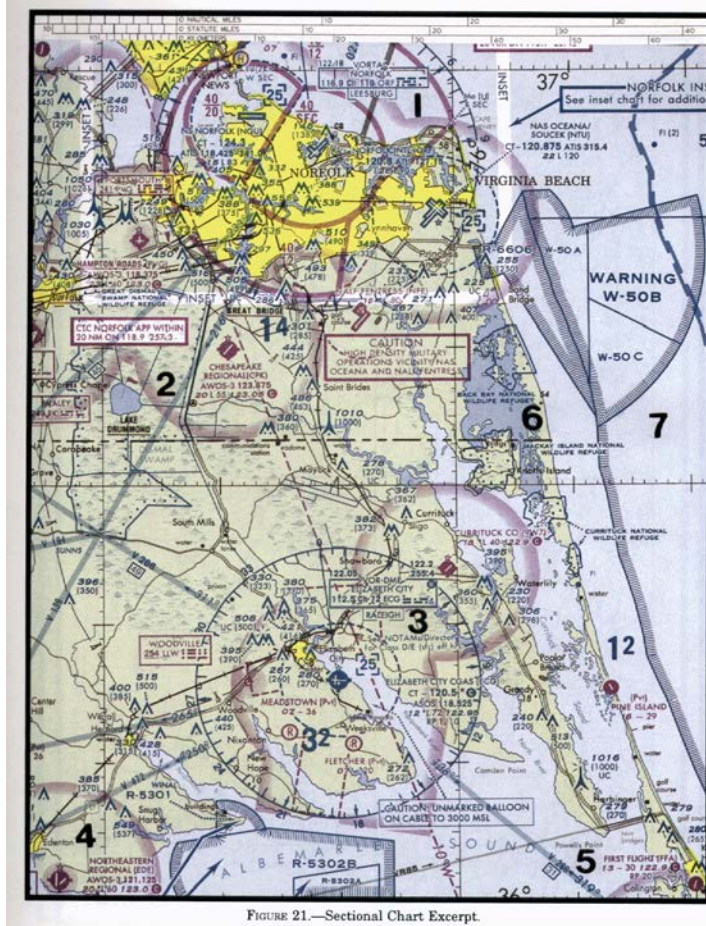
原始題號:0015098 題組:8 難易度:中

(A) 7. (參照圖1, 第5區) 注意方塊顯示對飛機之危害為何?

(如圖A56\_Fig1)

(A)"未標示之繫留氣球, 高度至3,000呎 MSL。" (B)"未標示之繫留氣球, 高度至3,000呎 AGL。" (C)未標示之飛艇棚廠, 高度至300呎 MSL。

題目圖：



原始題號:0015099 題組:1 難易度:中

- (B) 8. (參照圖2) 在Minot(第1區)與Audubon(第2區)湖之間淡棕褐色區域的地形標高為 (如圖A56\_Fig2)
- (A)"自海平面至 2,000呎 MSL。" (B)"自2,000呎至 2,500 呎MSL。" (C)"自2,000 呎至 2,700呎MSL。"

題目圖：

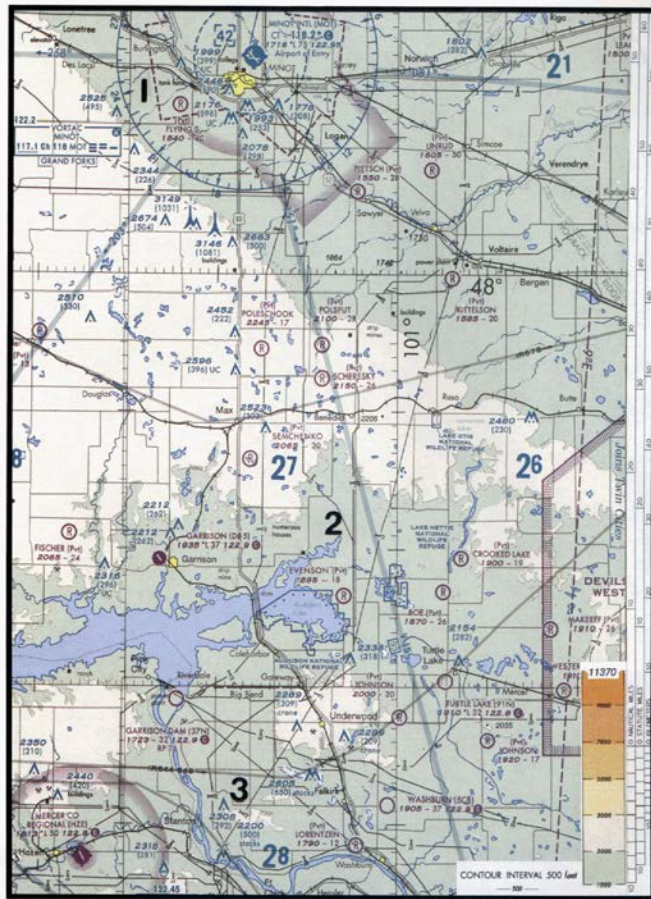


FIGURE 22—Sectional Chart Excerpt.

原始題號:0015100 題組:2 難易度:中

(B) 9.(參照圖2)哪一個公共機場圖顯示有供燃油?

(如圖A56\_Fig2)

(A)Minot國際機場(第1區)與Garrison機場(第2區)。(B)Minot國際機場(第1區)與Mercer郡地區機場(第3區)。(C)Mercer郡地區機場(第3區)與Garrison機場(第2區)。



題目圖：

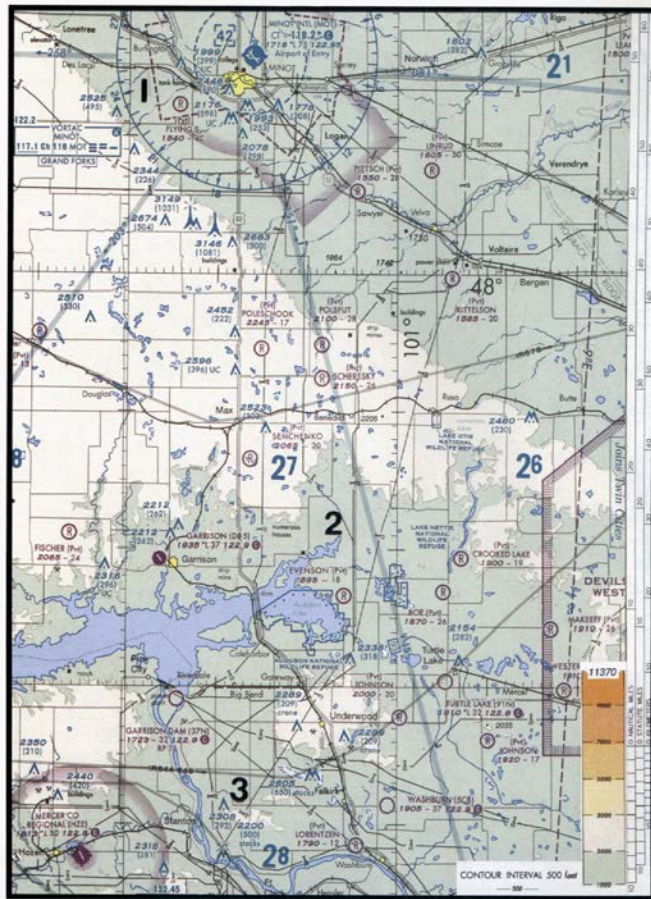


FIGURE 22—Sectional Chart Excerpt.

原始題號:0015101 題組:3 難易度:中

- (C) 10. (參照圖2)決定自Mercer郡地區機場(第3區)至Minot國際機場(第1區)之磁航向為何?風向風速為330/25, 真空速100浬, 磁偏差10°E。  
(如圖A56\_Fig2)  
(A)002°。 (B)012°。 (C)352°。



題目圖：

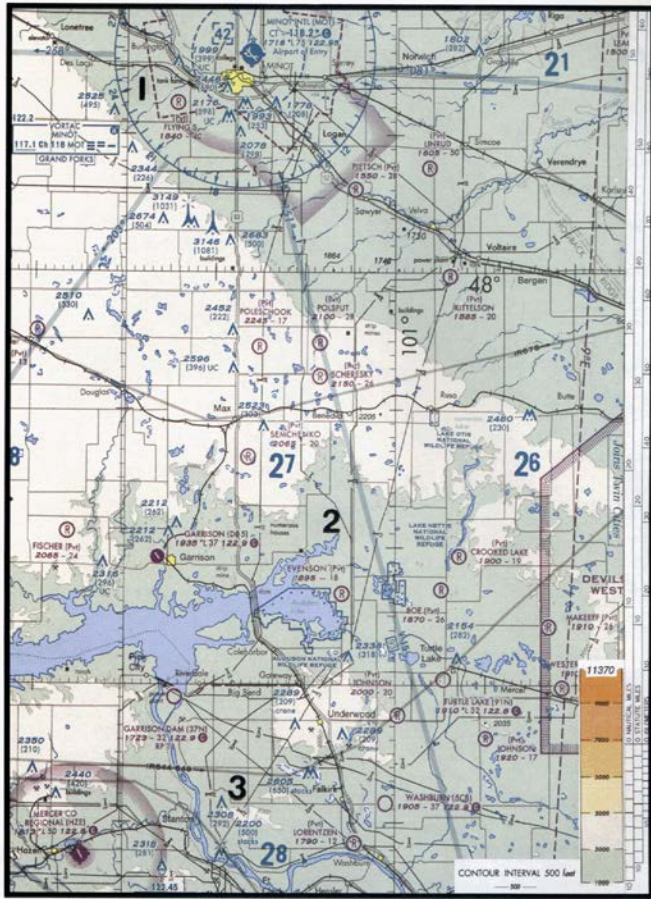


FIGURE 22.—Sectional Chart Excerpt.

原始題號:0015102 題組:4 難易度:中

(B) 11. (參照圖2) 全方位選擇器(OBS)應調至何航向，以便導引飛機自Mercer郡地區機場(第3區)至VORTAC(第3區)且窗口顯示指向電台(TO)?  
(如圖A56\_Fig2)  
(A)001°。 (B)359°。 (C)179°。

題目圖：

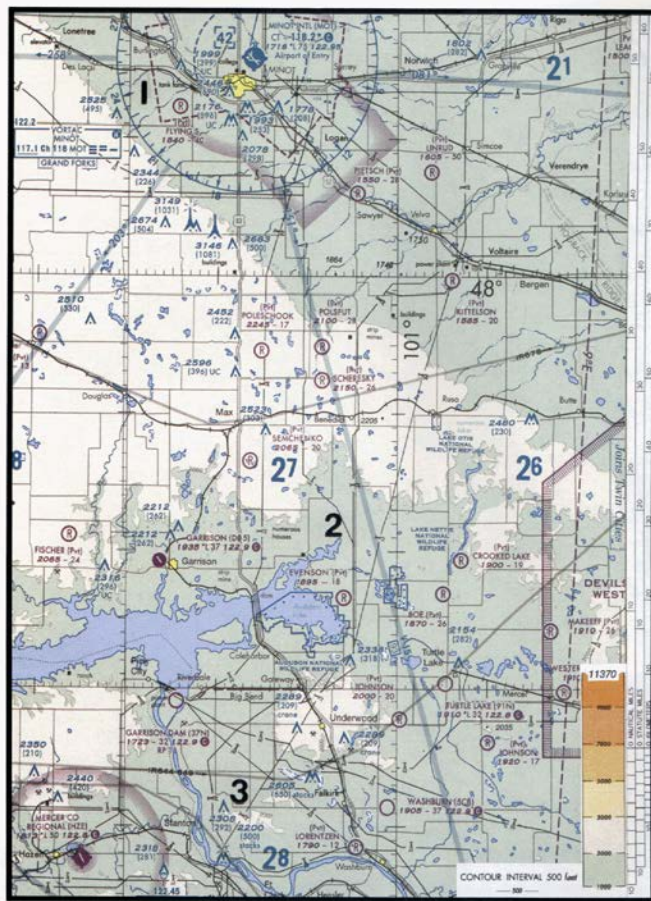


FIGURE 22.—Sectional Chart Excerpt.

原始題號:0015103 題組:5 難易度:中

( B ) 12.(參照圖2，第2區)哪一個機場概略位於北緯47°39' 30"，西經100°53' 00"？

(如圖A56\_Fig2)

(A)Linrud。(B)Crooked Lake。(C)Johnson。

題目圖：

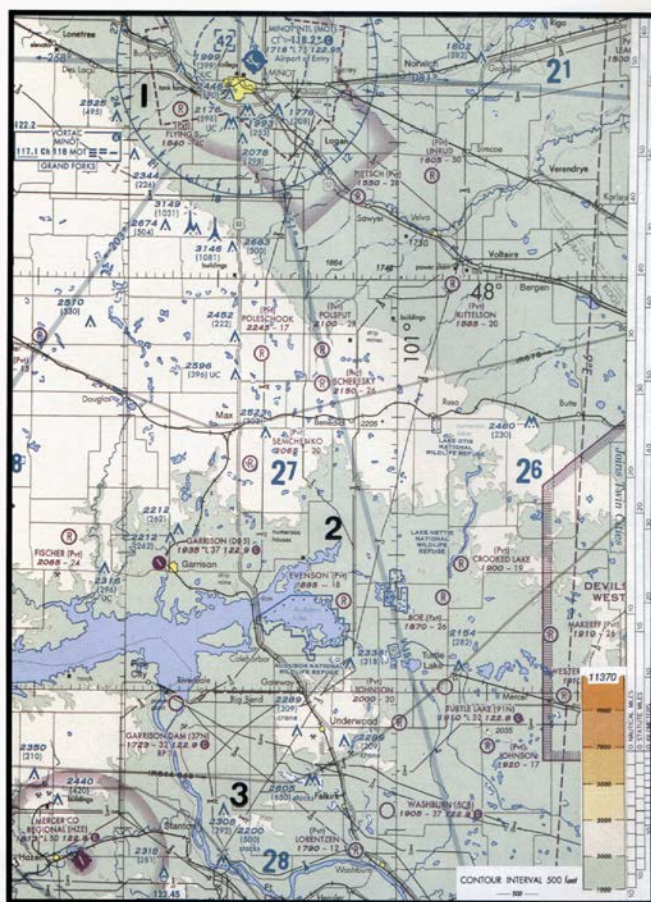


FIGURE 22.—Sectional Chart Excerpt.



原始題號:0015104 題組:6 難易度:中

(C) 13. (參照圖2, 第3區) 哪一個機場概略位於北緯 $47^{\circ}21'$ , 西經 $100^{\circ}01'$ ?

(如圖A56\_Fig2)

(A)Underwood。 (B)Evenson。 (C)Washburn。

題目圖:

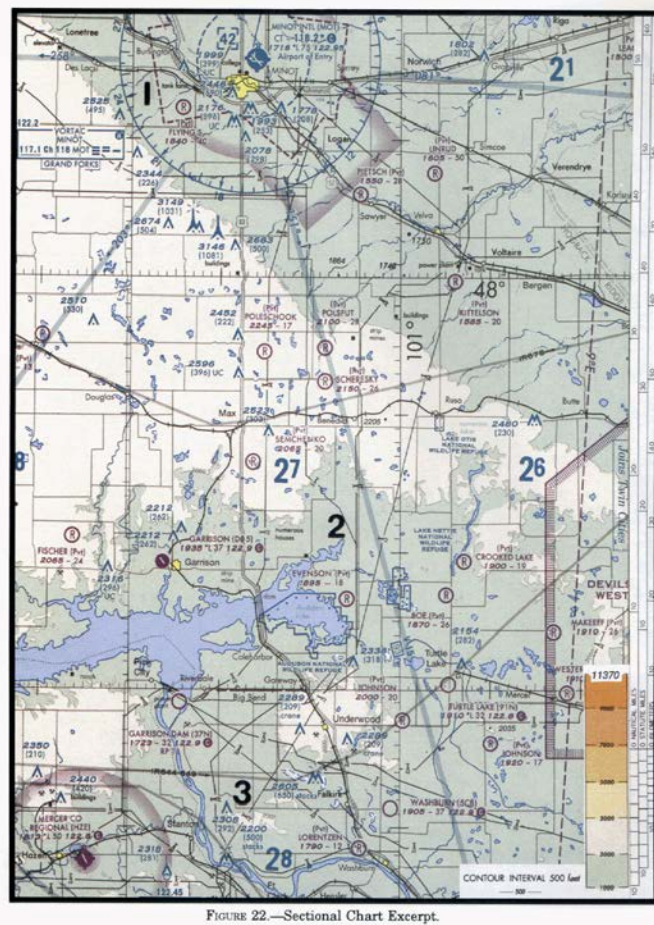


FIGURE 22—Sectional Chart Excerpt.

原始題號:0015105 題組:7 難易度:中

(B) 14. (參照圖2, 第3區) 決定 Shoshone郡機場的概略經緯度。

(如圖A56\_Fig2)

(A) $47^{\circ}02'N - 116^{\circ}11'W$ 。 (B) $47^{\circ}33'N - 116^{\circ}11'W$ 。 (C) $47^{\circ}32'N - 116^{\circ}41'W$ 。

題目圖：

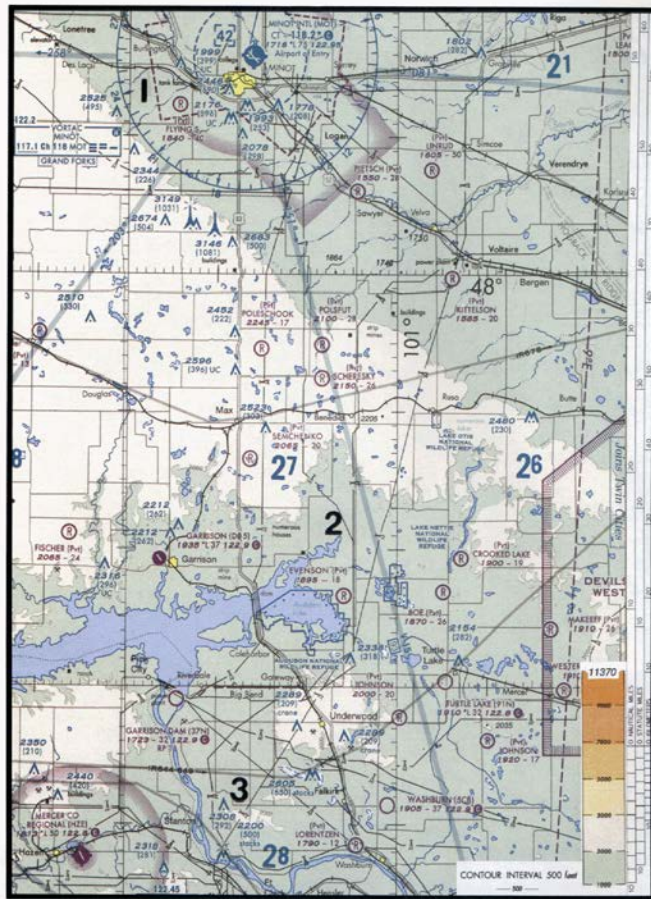
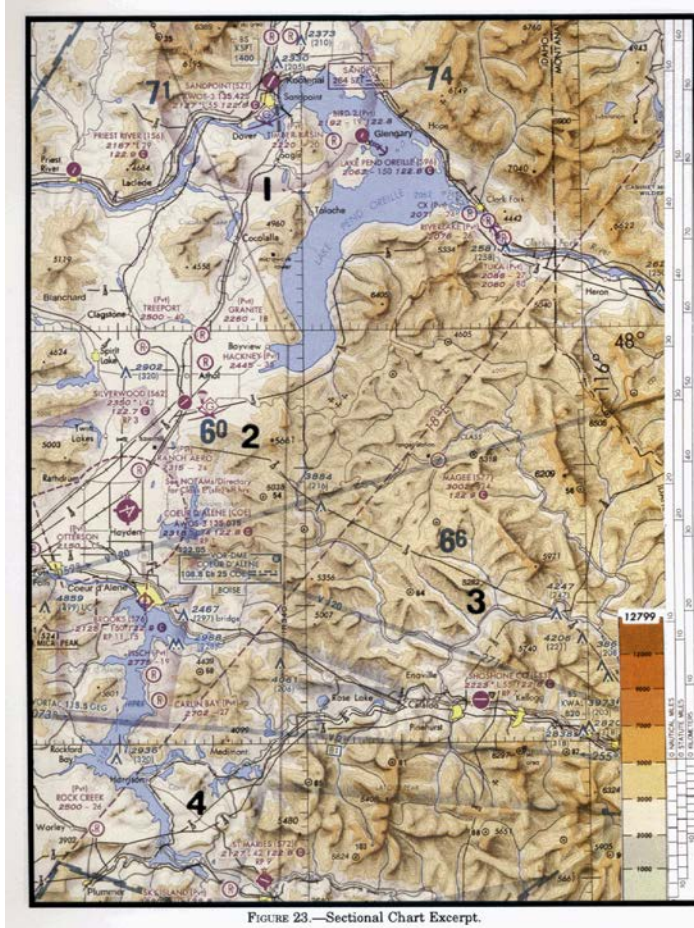


FIGURE 22.—Sectional Chart Excerpt.

原始題號:0015106 題組:1 難易度:中

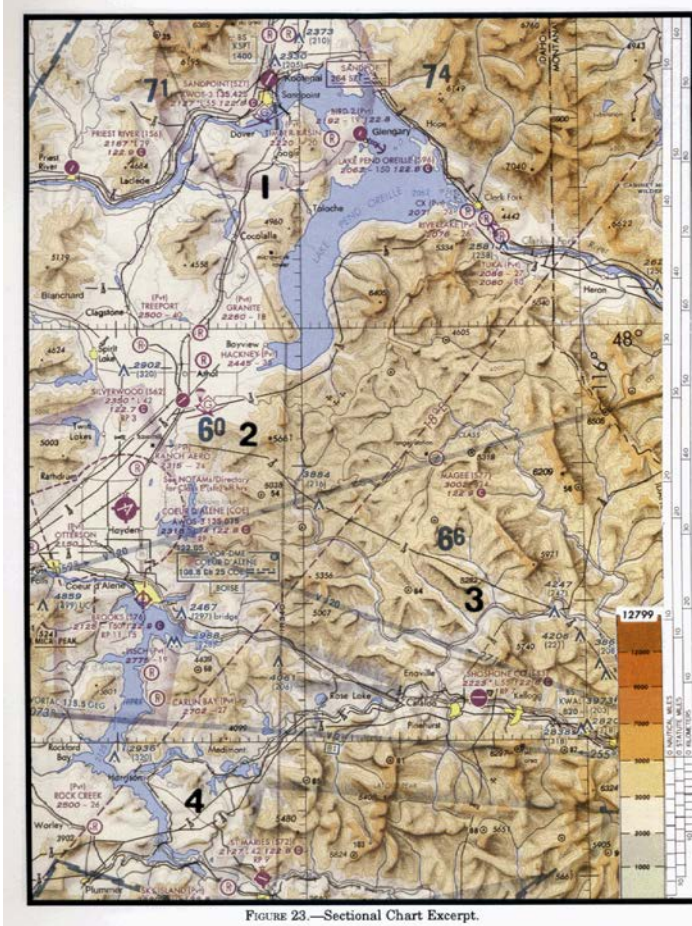
- (C) 15. (參照圖3)自Sandpoint機場(第1區)至 St. Maries機場(第4區)航路預計飛行時間為何  
風向215°風速25浬，真空速125浬。  
(如圖A56\_Fig3)  
(A)38 分。(B)30分。(C)34分。





原始題號:0015107 題組:2 難易度:中

- (C) 16. (參照圖3)決定自Priest河機場(第1區)至Shoshone郡機場(第3區)的預計航路時間為何  
風向風速為030/12，真空速為195浬，加2分鐘爬升時間。  
(如圖A56\_Fig3)  
(A)29 分。(B)27 分。(C)31 分。



原始題號:0015108 題組:3 難易度:中

- (B) 17.(參照圖3)決定自 St. Maries機場(第4區)至Priest河機場(第1區)的預計航路時間為何?風向風速為300/14，真空速為90浬，加3分鐘爬升時間。  
(如圖A56\_Fig3)  
(A)38分。(B)43分。(C)48 分。



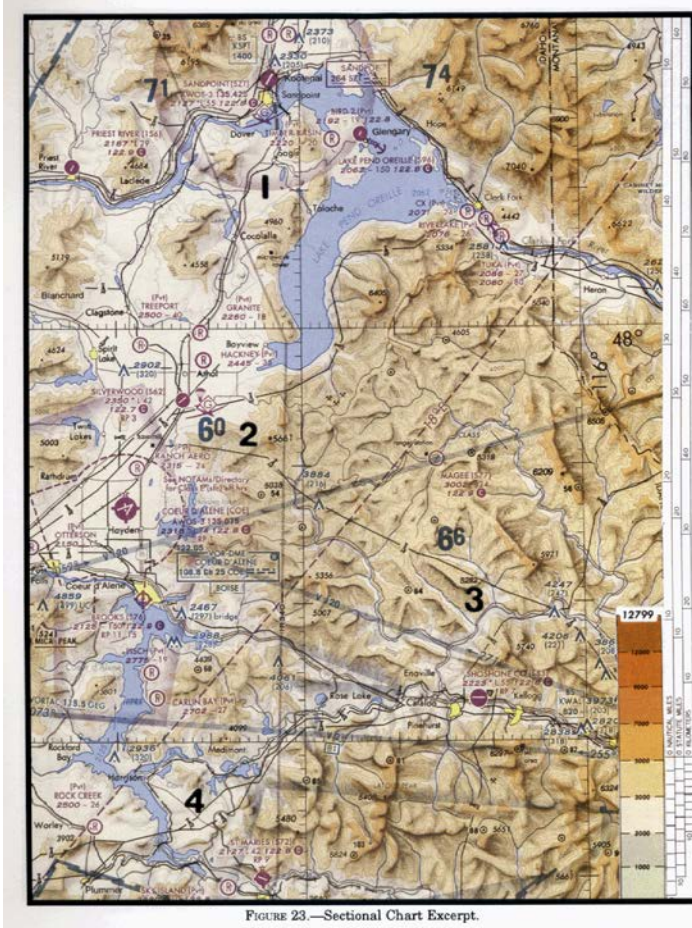
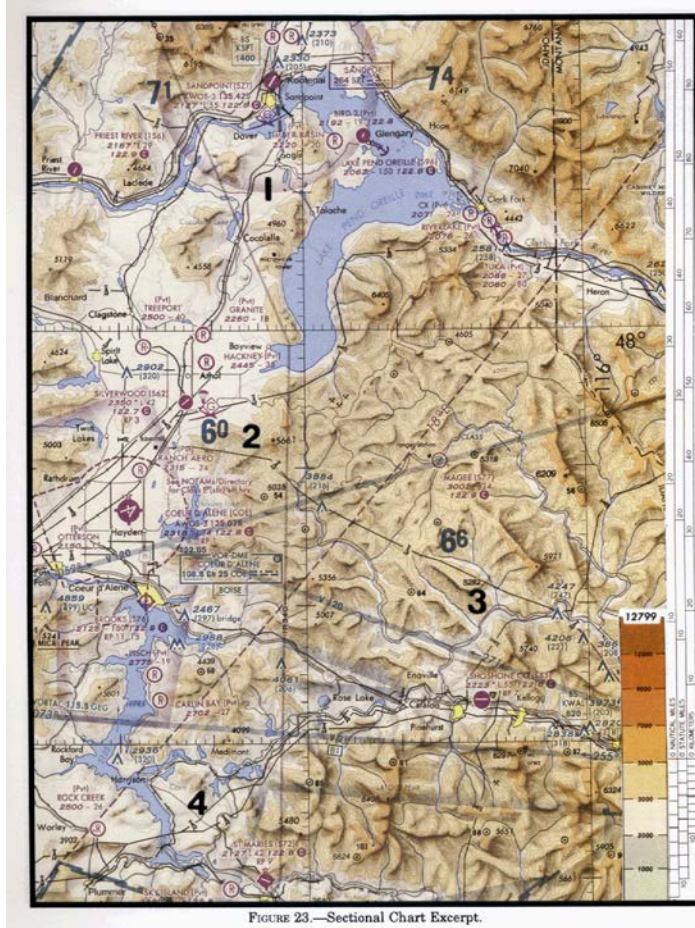


FIGURE 23.—Sectional Chart Excerpt.

原始題號:0015109 題組:4 難易度:中

- (C) 18. (參照圖3)決定自Alendale郡機場(第1區)至Claxton-Evans郡機場(第2區)的預計航路時間為何?風向風速為100/18，真空速為115浬，加2分鐘爬升時間。  
(如圖A56\_Fig3)  
(A)33 分。(B)27 分。(C)30 分。

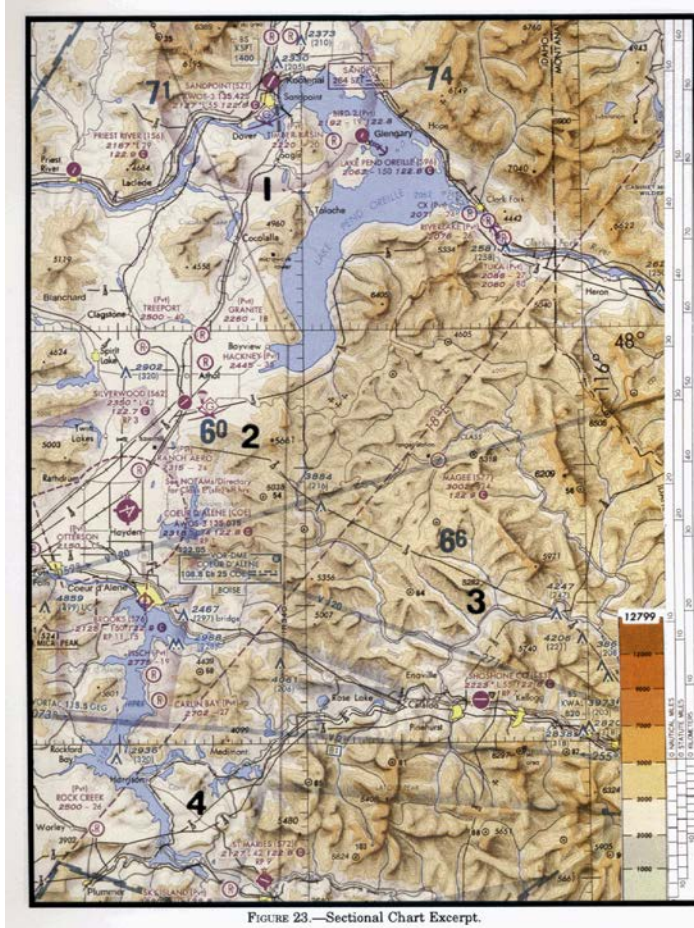
題目圖：



原始題號:0015110 題組:5 難易度:中

- (A) 19. (參照圖3)決定自Sandpoint機場(第1區)至St. Maries機場(第4區)之磁航向為何?風向風速為215/25, 真空速125浬。  
(如圖A56\_Fig3)  
(A)169°。 (B)349°。 (C)187°。





原始題號:0015111 題組:6 難易度:中

- (A) 20. (參照圖3)決定自Priest River機場(第1區)至Shoshone郡機場(第3區)之磁航向為何?  
風向風速為030/12, 真空速95浬。  
(如圖A56\_Fig3)  
(A)118°。 (B)143°。 (C)136°。

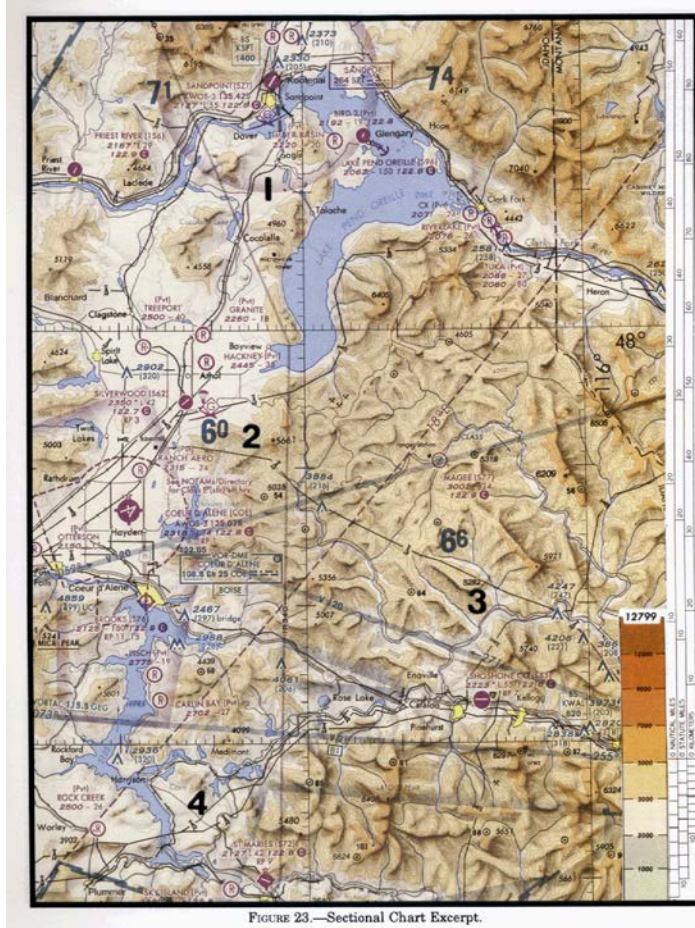


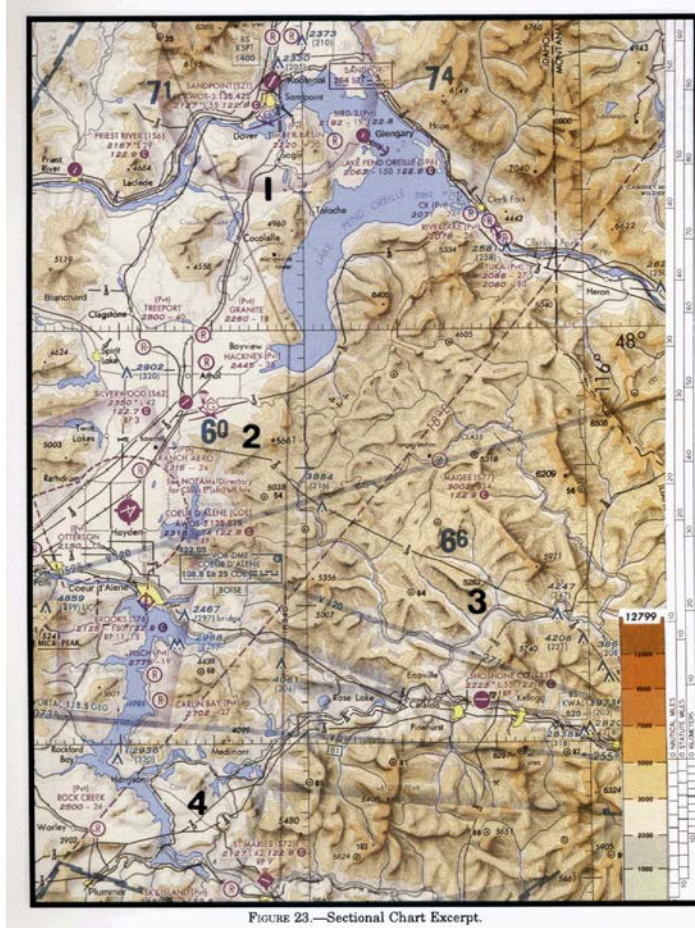
FIGURE 23.—Sectional Chart Excerpt.

原始題號:0015112 題組:7 難易度:中

- (C) 21. (參照圖3)決定自St. Maries機場(第4區)至Priest River機場(第1區)之磁航向為何?  
風向風速為340/10, 真空速90哩。  
(如圖A56\_Fig3)  
(A)345°。 (B)320°。 (C)327°。



題目圖：



原始題號:0015113 題組:1 難易度:中

- (C) 22. (參照圖4)在Statesboro Bullock郡機場，Claxton-Evans郡機場，及Ridgeland機場的旗形符號為  
(如圖A56\_Fig4)  
(A)Savannah C類空域之外界。(B)特殊航線機場。(C)用來辨識進入Savannah C類空域前的目視檢查點。

題目圖：

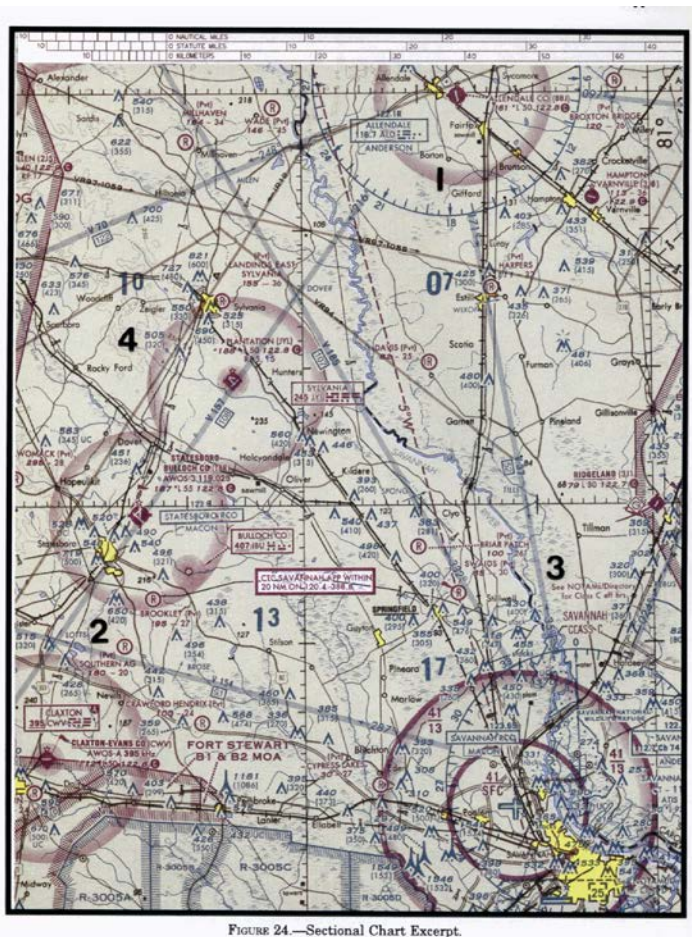


FIGURE 24.—Sectional Chart Excerpt.

原始題號:0015114 題組:2 難易度:中

- (B) 23. (參照圖4)決定自Claxton-Evans郡機場(第2區)至Hampton Varnville機場(第1區)的預計航路時間為何?風向風速為290/18, 真空速為85浬, 加2分鐘爬升時間。  
(如圖A56\_Fig4)  
(A)35 分。 (B)39 分。 (C)44 分。



題目圖：

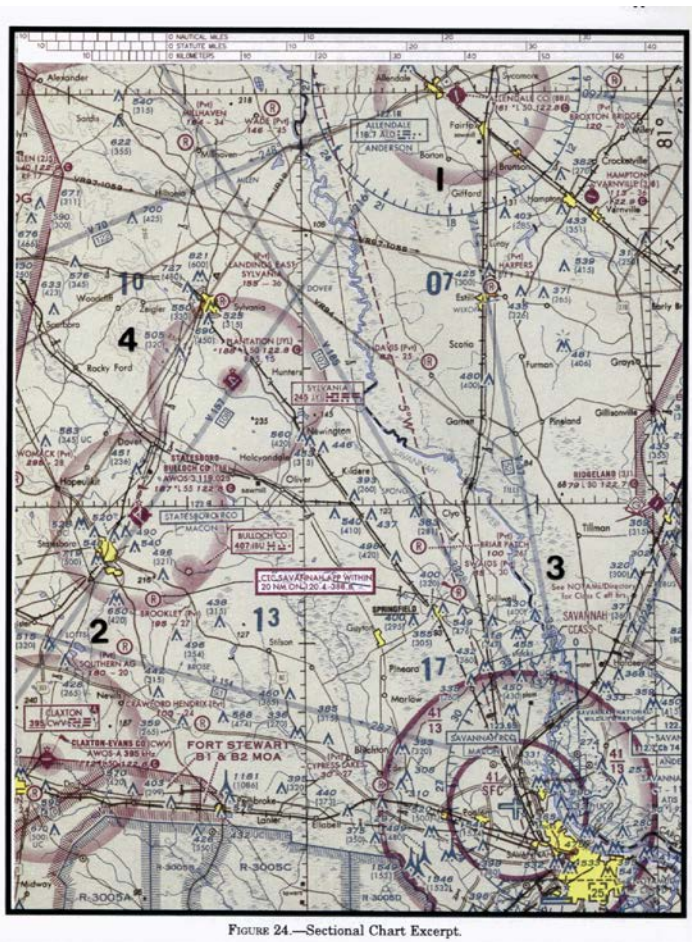


FIGURE 24.—Sectional Chart Excerpt.

原始題號:0015115 題組:3 難易度:中

- (C) 24. (參照圖4)在V-185航路飛行時，於0935通過Allendale VOR的248°輻向，再於1000通過Allendale VOR的216°輻向，試問預計到達Savannah VORTAC時間為何？  
(如圖A56\_Fig4)  
(A)1023。 (B)1036。 (C)1028。

題目圖：

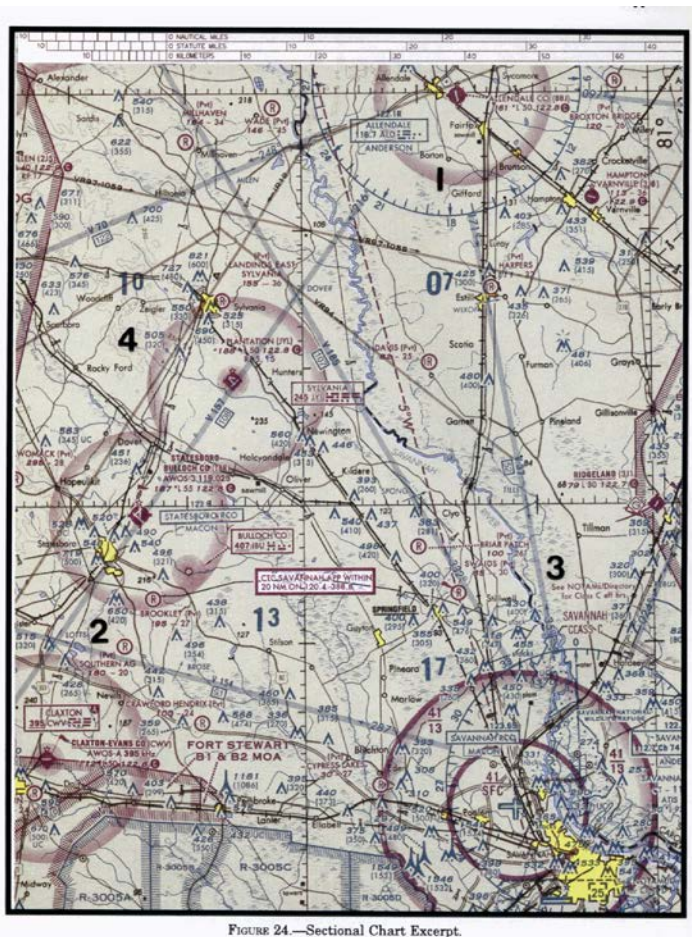


FIGURE 24.—Sectional Chart Excerpt.

原始題號:0015116 題組:4 難易度:中

- (A) 25. (參照圖4)決定自Allendale郡機場(第1區)至Claxton-Evans郡機場(第2區)之磁航向為何?風向風速為090/16，真空速90浬。  
(如圖A56\_Fig4)  
(A)208°。(B)230°。(C)212°。





FIGURE 24.—Sectional Chart Excerpt.

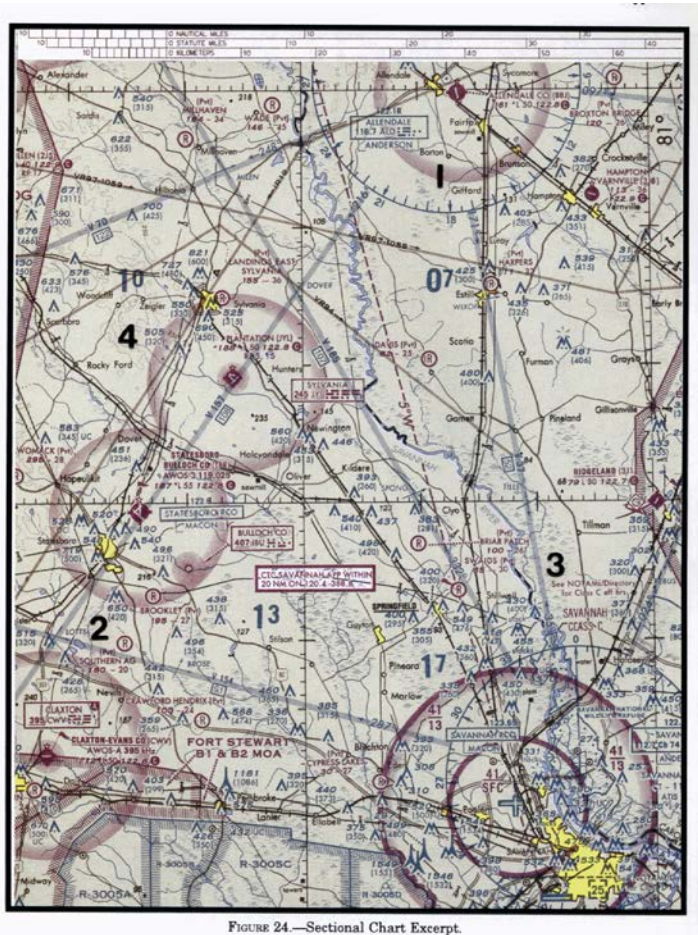
## (A56) CPL直昇機基本航行學

最近更新日期：無；更新題號：無

原始題號:0015117 題組:5 難易度:中

- (B) 26. (參照圖4) VOR接收器(OBS)應調至何航向，以便導引飛機自Hampton Vamville機場(第1區)至Savannah VORTAC(第3區)?  
(如圖A56\_Fig4)  
(A)003°。 (B)183°。 (C)200°。

題目圖：



原始題號:0015118 題組:6 難易度:中

- (C) 27. (參照圖4，第3區)約在Savannah國際機場西南6哩的發光障礙物高度為何?  
(如圖A56\_Fig4)  
(A)823 呎 MSL。 (B)"1, 013呎 MSL。" (C)"1, 403呎 MSL。"



題目圖：



FIGURE 24.—Sectional Chart Excerpt.

原始題號:0015119 題組:7 難易度:中

- (B) 28. (參照圖4，第3區)約在Savannah VORTAC 340輻向11哩的一組障礙物高度為何？  
(如圖A56\_Fig4)  
(A)400呎 AGL。 (B)455 呎 MSL。 (C)432 呎 MSL。

題目圖：



FIGURE 24.—Sectional Chart Excerpt.



原始題號:0015120 題組:1 難易度:中

- (A) 29. (參照圖5)決定自Airpark East機場(第1區)至Winsboro機場(第2區)的磁航向為何? 當地磁偏差為 $6^{\circ}30' E$  (如圖A56\_Fig5)  
(A)  $075^{\circ}$ 。 (B)  $082^{\circ}$ 。 (C)  $091^{\circ}$ 。

題目圖:

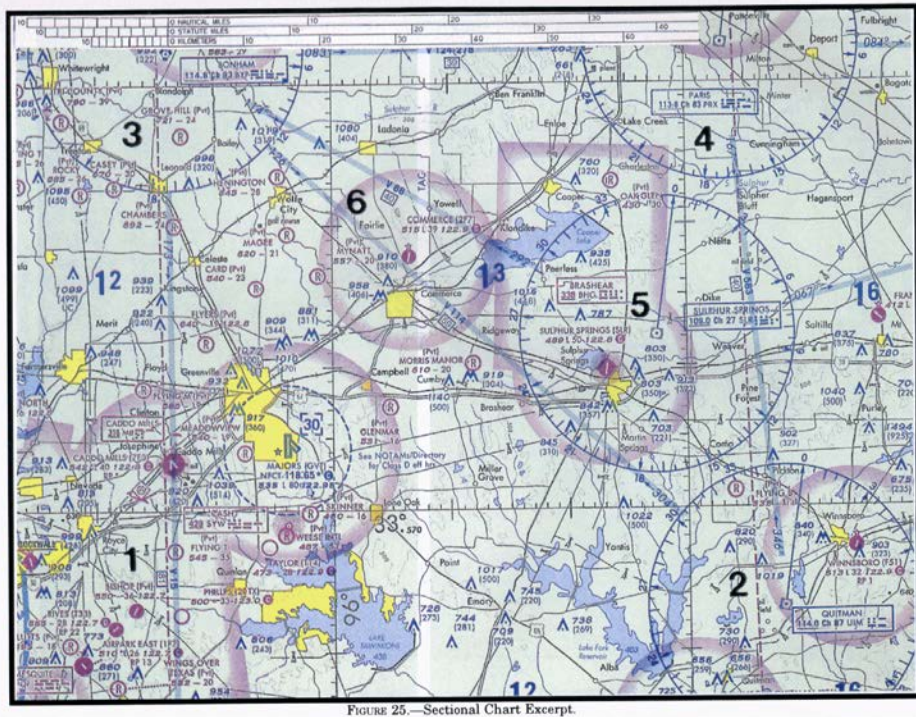


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015121 題組:2 難易度:中

- (B) 30. (參照圖5)若VOR接收器顯示為Sulphur Springs VOR-DME(第5區)的 $245^{\circ}$ 輻向及Bonham VORTAC(第3區)的 $140^{\circ}$ 輻向,則飛機的概略位置為?  
(如圖A56\_Fig5)  
(A) Meadowview機場。 (B) Glenmar機場。 (C) Majors機場。

題目圖:

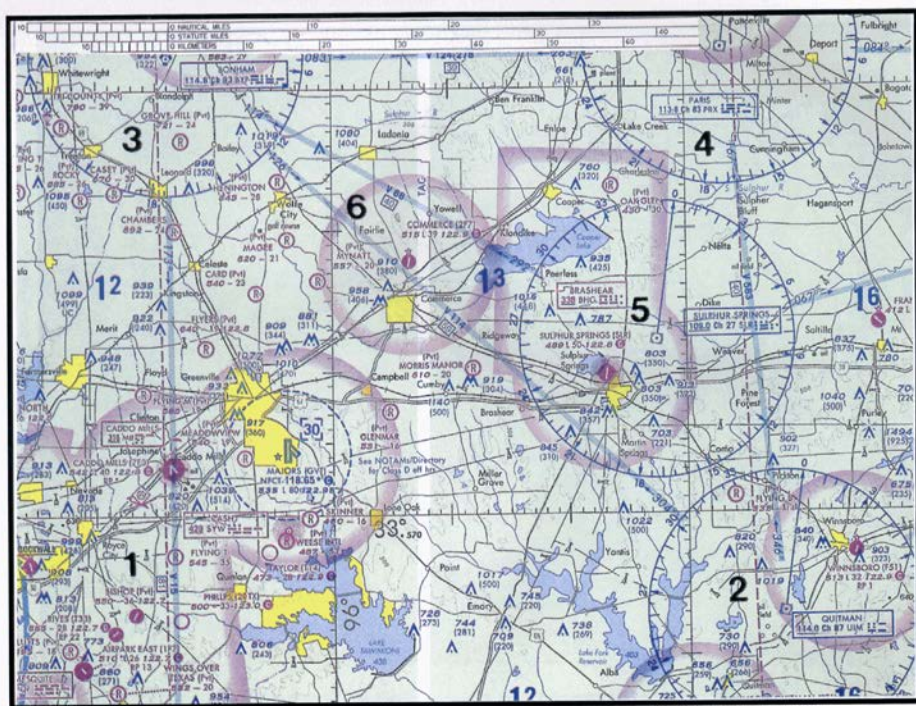


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015122 題組:3 難易度:中



(A) 31. (參照圖5) VOR接收器(OBS)應調至何航向，以便導引飛機自Majors機場(第1區)至Quitman VORTAC(第2區)?

(如圖A56\_Fig5)

(A)101°。 (B)108°。 (C)281°。

題目圖：

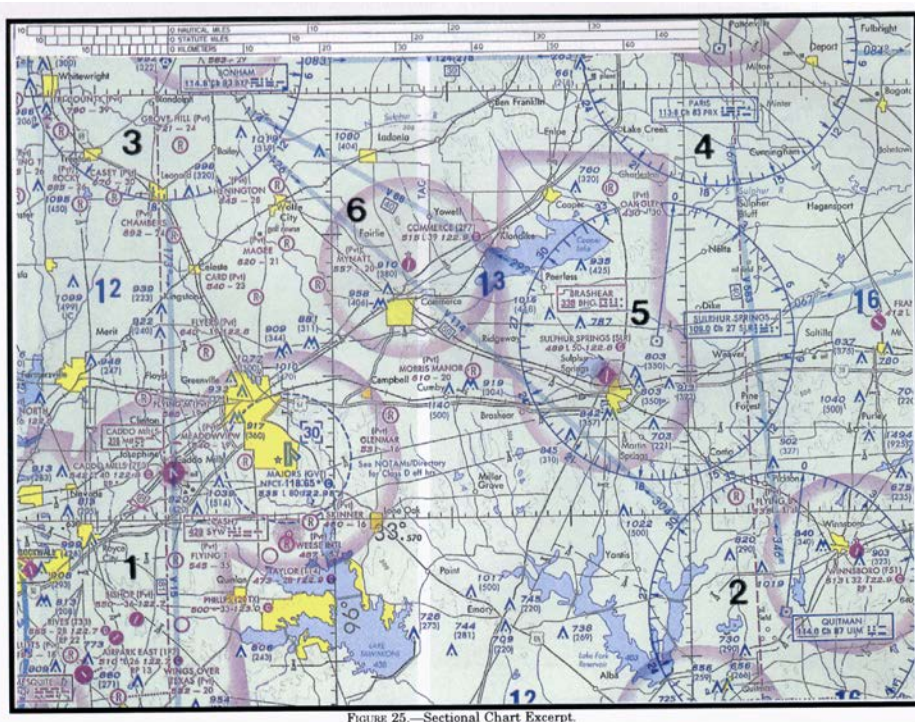


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015123 題組:4 難易度:中

(B) 32. (參照圖5，第1區) 在Airpark East機場東北方障礙物上方垂直隔離500呎的最低高度為何?

(如圖A56\_Fig5)

(A)"1,100呎 MSL。" (B)"1,273呎 MSL。" (C)"1,283呎 MSL。"

題目圖：

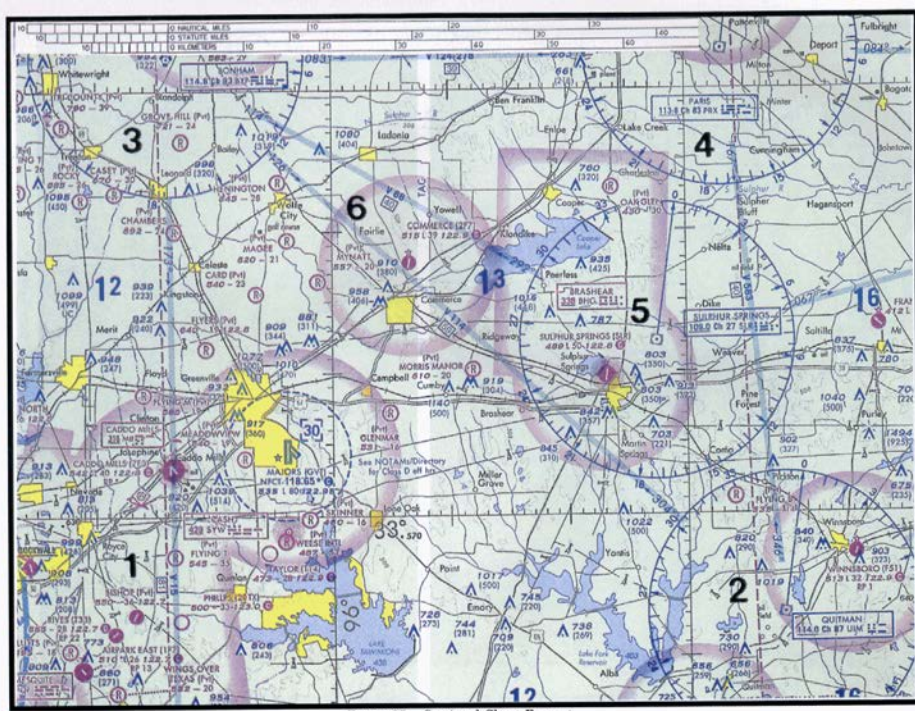


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015124 題組:5 難易度:中



(C) 33. (參照圖5, 第2區) 在Winnsboro機場東南方障礙物上方垂直隔離500呎的最低高度為何?

(如圖A56\_Fig5)

(A)823 呎MSL。 (B)"1,013呎 MSL。" (C)"1,403呎MSL。"

題目圖：

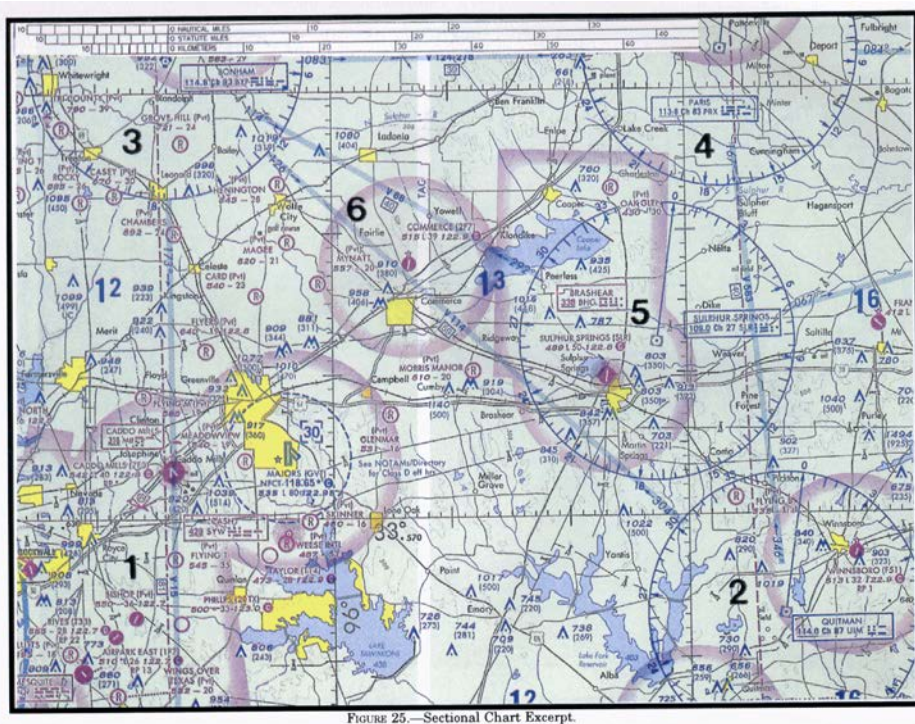


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015125 題組:1 難易度:中

(B) 34. (參照圖5)VOR調至Bonham VORTAC(第3區), 且飛機目前在Sulphur Springs鎮上空(第5區), 下列哪一個VOR指示正確?

(如圖A56\_Fig5)

(A)1。 (B)7。 (C)8。

題目圖：

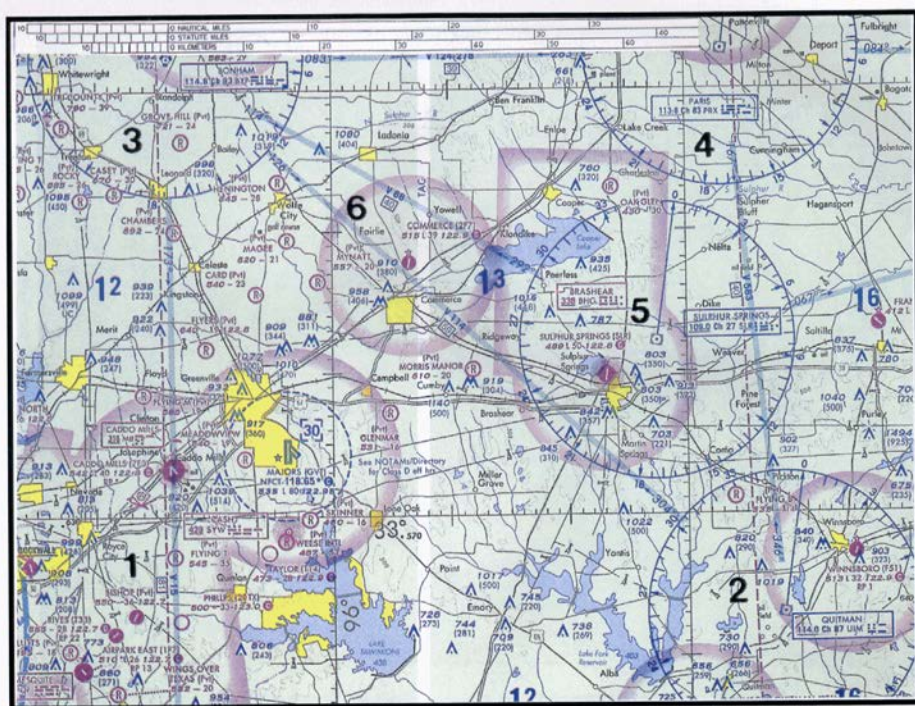


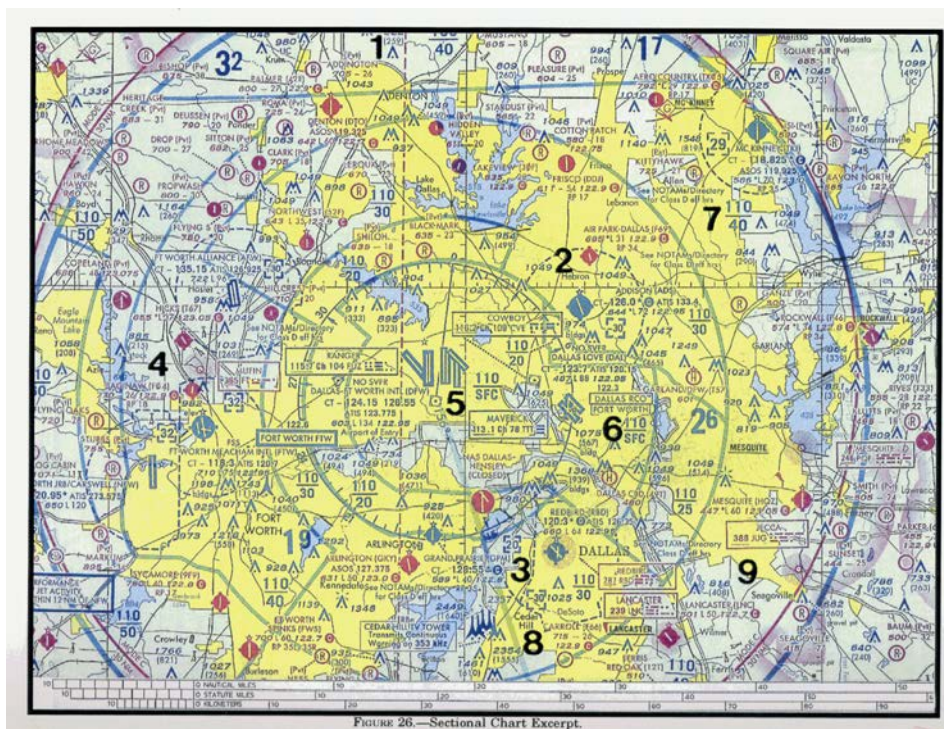
FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015126 題組:1 難易度:中



- (B) 35. (參照圖6)自Denton市立機場(第1區)至Addison機場(第2區)航路預計飛行時間為何?風向200°風速02浬,真空速100浬,磁偏差7°E。  
(如圖A56\_Fig6)  
(A)13 分。(B)16 分。(C)19 分。

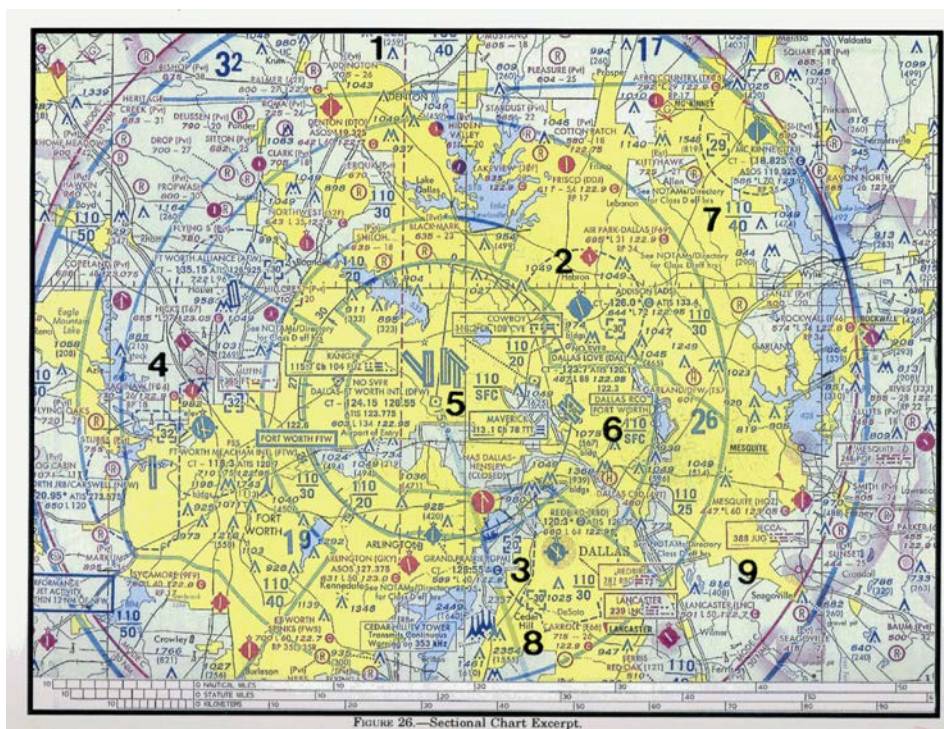
題目圖：



原始題號:0015127 題組:2 難易度:中

- (A) 36. (參照圖6, 第5區)VOR調至Dallas/ Fort Worth VORTAC, 全方位選擇器(OBS)調至253°, 窗口顯示指向電台(TO), 偏航指示器(CDI)顯示偏右, 試問飛機在VORTAC的什麼方位?  
(如圖A56\_Fig6)  
(A)東北東。(B)北北東。(C)西南西。

題目圖：



原始題號:0015128 題組:3 難易度:中

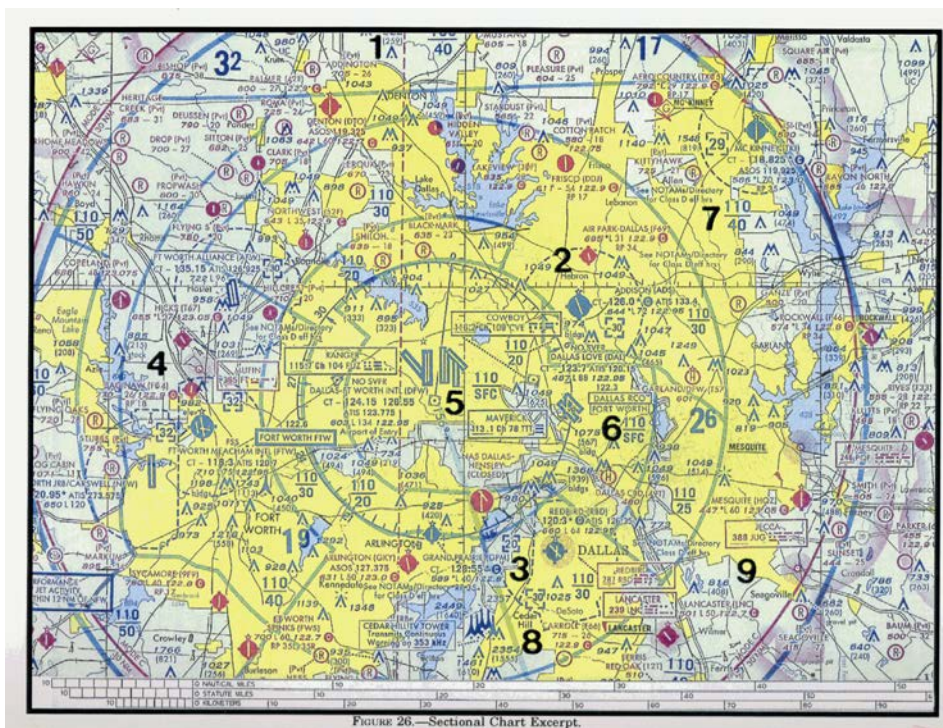


(B) 37. (參照圖6，第8區)飛越Dallas海軍航空站西南方的Cedar山丘電視轉播鐵塔最低高度需求為何？

(如圖A56\_Fig6)

(A)"2,555呎MSL。" (B)"3,449 呎MSL。" (C)"3,349 呎MSL。"

題目圖：



原始題號:0015129 題組:1 難易度:中

(A) 38. (參照圖7)決定自Breckheimer(私人)機場(第1區)至Jamestown機場(第4區)的磁航向為何？

(如圖A56\_Fig7)

(A)180°。 (B)188°。 (C)360°。



題目圖：

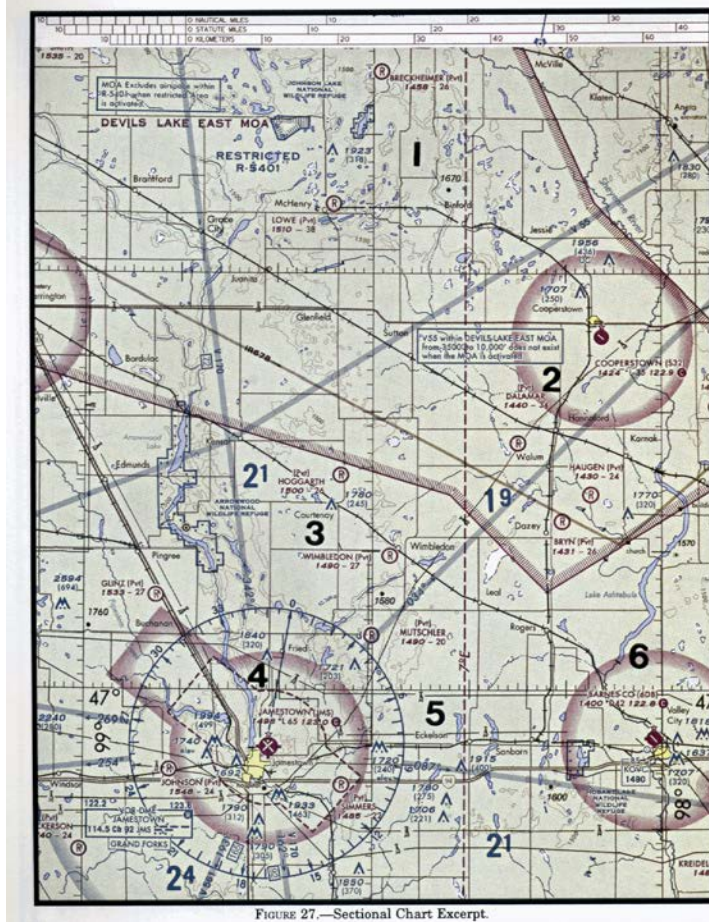


FIGURE 27.—Sectional Chart Excerpt.

原始題號:0015130 題組:2 難易度:中

(A) 39. (參照圖7，第2區) 決定 Cooperstown機場的概略經緯度。

(如圖A56\_Fig7)

(A)47°25' N - 98°06' W。 (B)47°25' N - 99°54' W。 (C)47°55' N - 98°06' W。

題目圖：

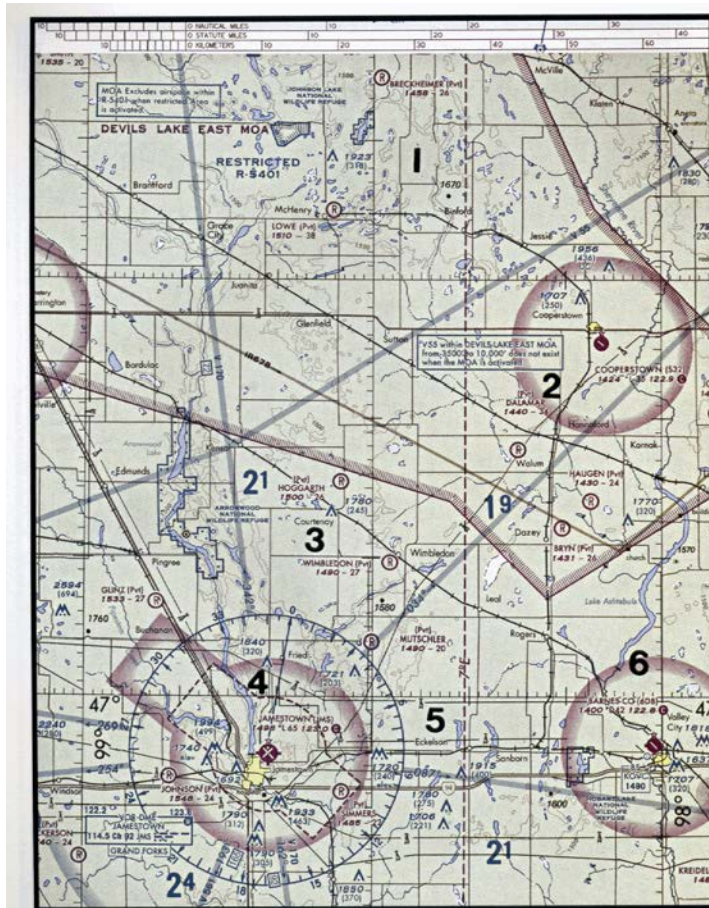
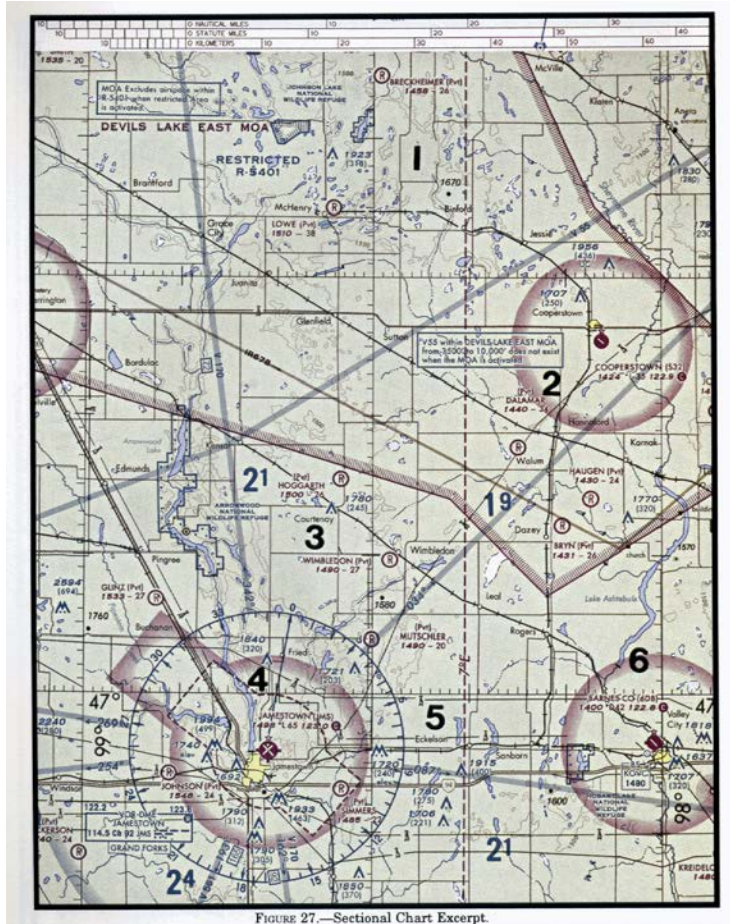


FIGURE 27.—Sectional Chart Excerpt.

原始題號:0015131 題組:1 難易度:中

- (B) 40. (參照圖7, 第4與第3區)VOR調至Jamestown VOR, 且飛機目前在Cooperstown上空(第5區), 下列哪一個VOR指示正確?  
(如圖A56\_Fig7)  
(A)1° (B)6° (C)4°

題目圖:



原始題號:0015132 題組:1 難易度:中

- (C) 41. (參照圖9, 圖示1) VOR接收器信號如圖所示, 飛機相對於電台之位置為何?  
(如圖A56\_Fig9)  
(A)北。 (B)東。 (C)南。



Figure 29 displays nine VOR indicator displays, numbered 1 through 9, arranged in a 3x3 grid. Each display shows a circular scale with a heading indicator (top) and a bearing indicator (bottom). The heading indicator has a scale from 0 to 360 degrees, and the bearing indicator has a scale from 0 to 360 degrees. The heading indicator is labeled 'HEADING' and the bearing indicator is labeled 'BEARING'. Each display also includes a 'VOR' label and a 'VOR' indicator.

The displays are numbered 1 through 9, with the numbers 1, 2, and 3 in the top row, 4, 5, and 6 in the middle row, and 7, 8, and 9 in the bottom row.

Figure 29.—VOR.

原始題號:0015133 題組:2 難易度:中

原始題號:0015134 題組:3 難易度:中

33

題目圖：

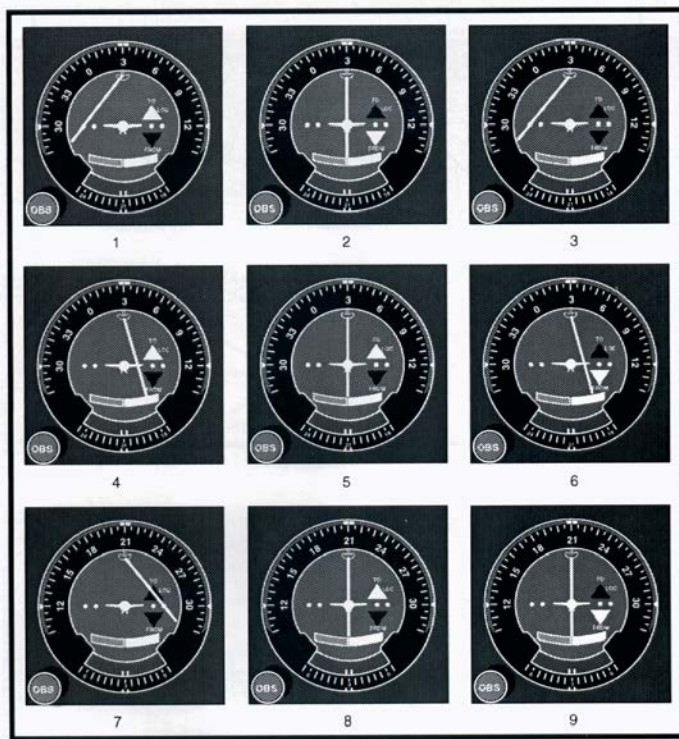


FIGURE 29.—VOR.

原始題號:0015135 題組:1 難易度:中

- ( C ) 44. (參照圖10，第1圖示)決定飛向電台之磁方位為何?  
(如圖A56\_Fig10)  
(A)030°。 (B)180°。 (C)210°。

題目圖：

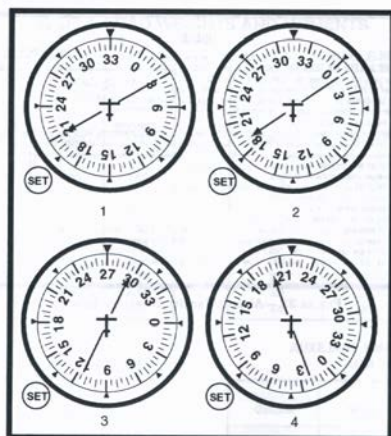


FIGURE 30.—ADF (Movable Card).

原始題號:0015136 題組:2 難易度:中

- ( C ) 45. (參照圖10，第2圖示)飛行員飛向電台之磁方位為何?  
(如圖A56\_Fig10)  
(A)010°。 (B)145°。 (C)190°。



題目圖：

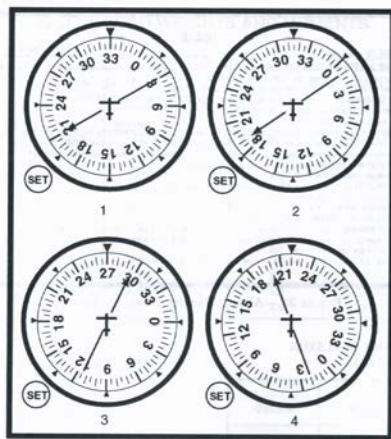


FIGURE 30.—ADF (Movable Card).

原始題號:0015137 題組:3 難易度:中

- ( C ) 46. (參照圖10，第2圖示)決定攔截180方位至電台時，飛機的概略磁方位為何?  
(如圖A56\_Fig10)  
(A)040°。 (B)160°。 (C)220°。

題目圖：

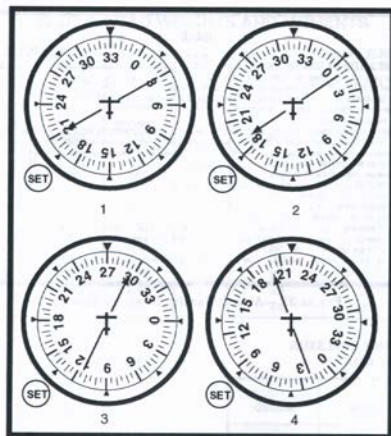


FIGURE 30.—ADF (Movable Card).

原始題號:0015138 題組:4 難易度:中

- ( B ) 47. (參照圖10，第3圖示)自電台至飛機的磁方位為何?  
(如圖A56\_Fig10)  
(A)025°。 (B)115°。 (C)295°。

題目圖：

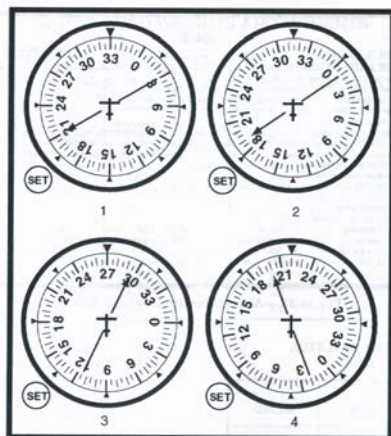


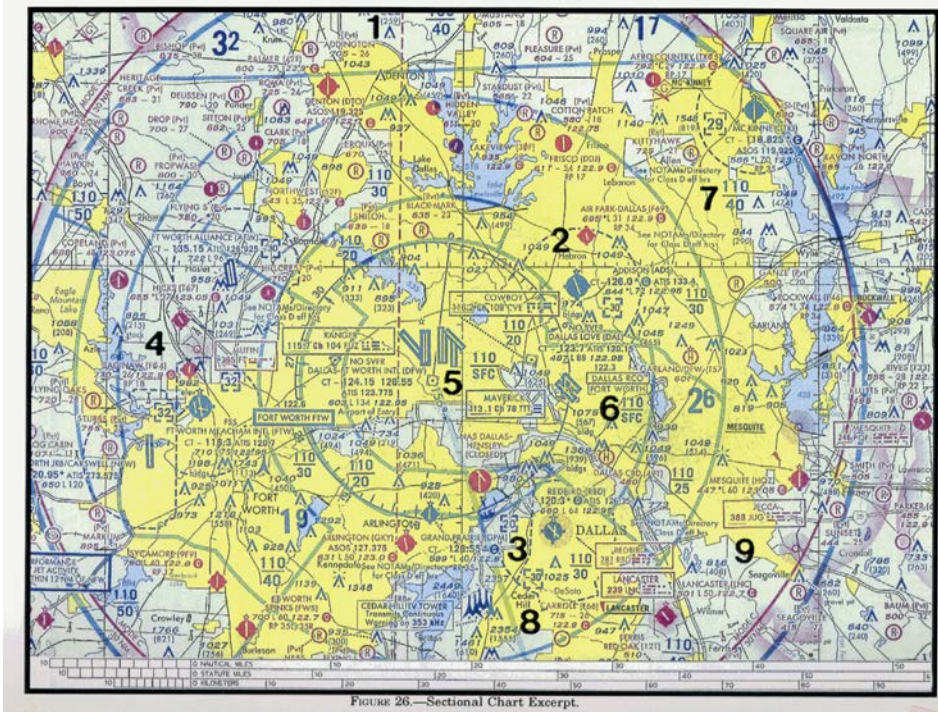
FIGURE 30.—ADF (Movable Card).

原始題號:0015139 題組:1 難易度:中

- ( B ) 48. (參照圖6，第7區)在McKinney (TKI)上空的空域，被管制範圍自地表至  
(如圖A56\_Fig6)  
(A)700呎AGL。 (B)"2,900呎MSL。" (C)"2,500呎MSL。"



題目圖：



原始題號:0015140 題組:1 難易度:中

- (C) 49. (參照圖13，第一點) Georgetown機場 (Q61)上空的 E類空域底部為  
 (如圖A56\_Fig13)  
 (A)地面或水面。 (B)700呎AGL。 (C)3823呎MSL。

題目圖：

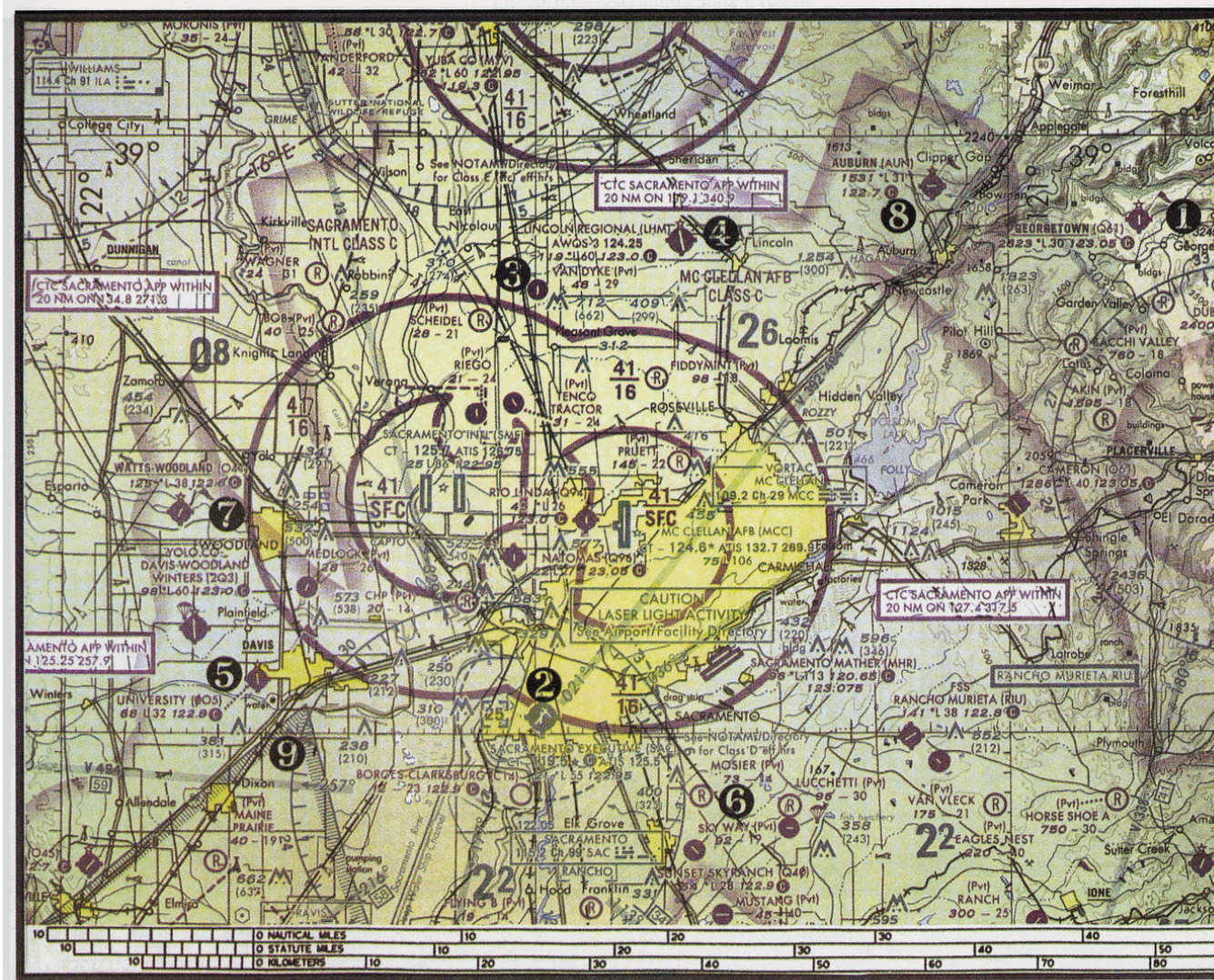


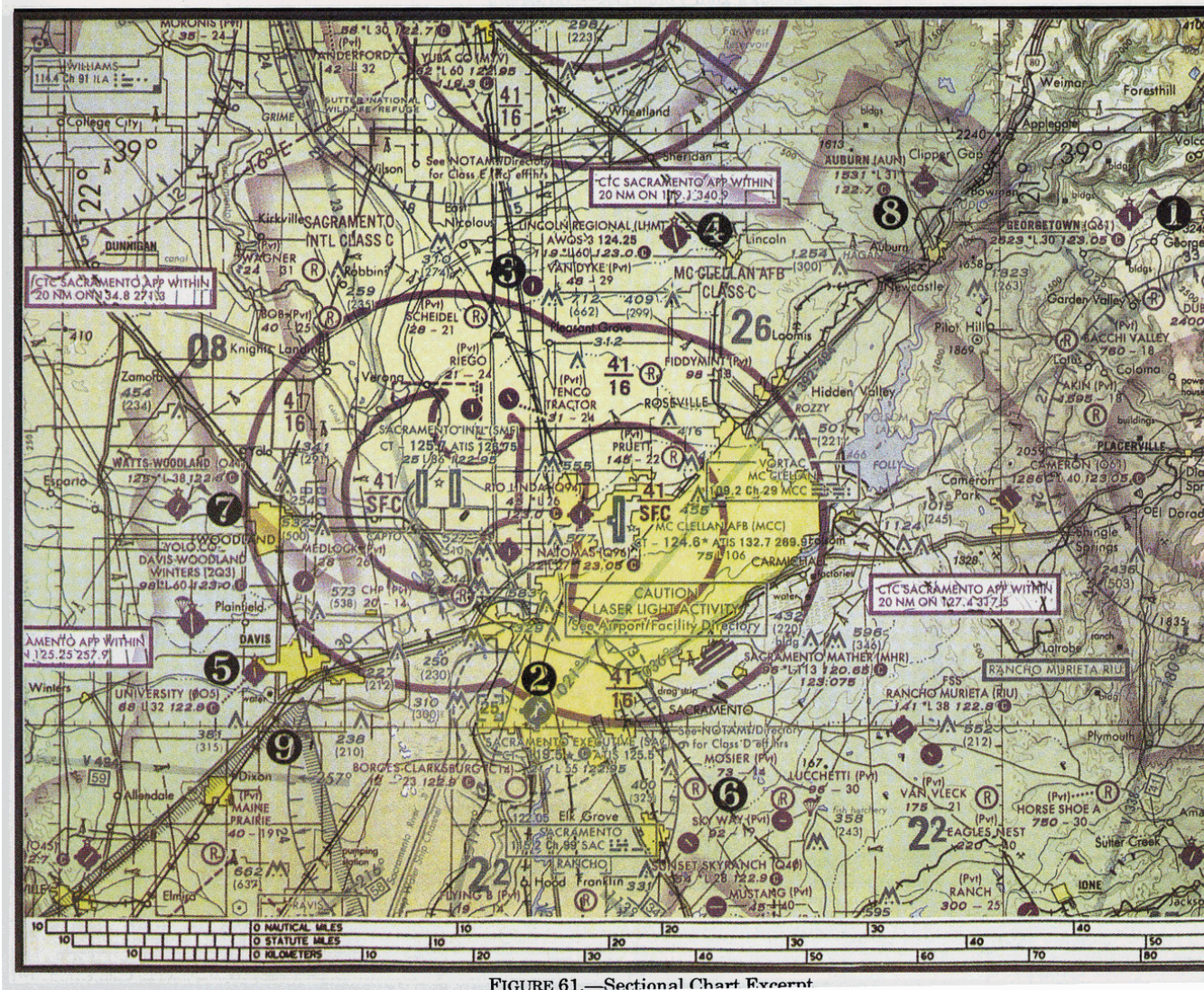
FIGURE 61.—Sectional Chart Excerpt



原始題號:0015141 題組:2 難易度:中

- (A) 50. (參照圖13, 離場點) Georgetown機場 (Q61), 離場時間: 0637, 你的飛行高度高空風測報(FD): 1008, 空速: 8kts。0755時, 飛機應該在 (如圖A56\_Fig13)
- (A) Auburn機場(AUN)上空。 (B) Auburn城鎮上空。 (C) 在Garden Valley城鎮偏西方位置。

題目圖:



原始題號:0015142 題組:3 難易度:中

- (C) 51. (參照圖13, 第6點) Mosier機場是 (如圖A56\_Fig13)
- (A) 限制持私人與娛樂飛行員執照者使用的機場。 (B) 在限制空域內的軍方限制子機場。 (C) 非公共使用機場。



題目圖：



FIGURE 61.—Sectional Chart Excerpt

原始題號:0015143 題組:1 難易度:中

- (A) 52 (參照圖15) 若風向顯示如落地方向指示器，飛行員應落至 (如圖A56\_Fig15)
- (A)18跑道並預期右側風。 (B)22跑道直接對正風。 (C)36跑道並預期右側風。

題目圖：

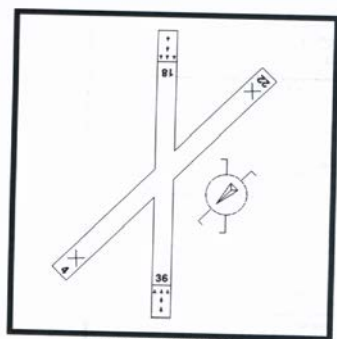


FIGURE 50.—Airport Diagram.

原始題號:0015144 題組:2 難易度:中

- (C) 53 (參照圖15) 在南/北跑道頭出現的箭頭顯示該區 (如圖A56\_Fig15)
- (A)只可用於滑行。 (B)可用於滑行、起飛及落地。 (C)不能用於落地，但可用於滑行與起飛。



題目圖：

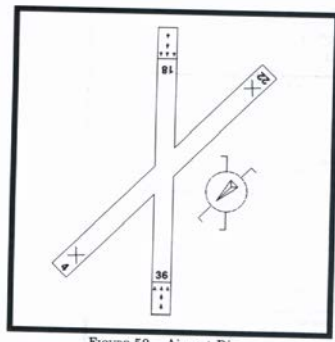


FIGURE 50.—Airport Diagram.

原始題號:0015145 題組:1 難易度:中

- (C) 54. (參照圖15)如分段圖圈圈位置之風向袋所示，應使用何航線與跑道？  
(如圖A56\_Fig15)  
(A)09跑道，右航線。(B)18跑道，右航線。(C)36跑道，左航線。

題目圖：

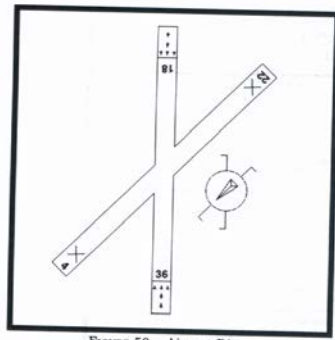


FIGURE 50.—Airport Diagram.

原始題號:0015146 題組:0 難易度:易

- (A) 55. 在不使用無線電儀器導航的目視飛行期間，航向與地速需藉由推測航行，不斷地檢視與修正  
(A)藉由觀測檢查點導航。(B)風偏修正。(C)磁羅盤與地速指示器。

原始題號:0015147 題組:0 難易度:易

- (A) 56. 在陸地上長途飛行，不使用無線電儀器導航時，通常靠使用推測航行及  
(A)導航。(B)風偏修正。(C)羅盤航向。

原始題號:0015148 題組:0 難易度:易

- (C) 57. 在分段航圖上量測真航線，應在航線中點靠近經線位置，因為  
(A)各點的等偏磁線值不同。(B)由等偏磁線與緯線所形成的夾角各不相同。(C)由經線與航線所形成的夾角各不相同。

原始題號:0015149 題組:0 難易度:易

- (C) 58. 有關藍色與紫紅色用以顯示分段航途中的機場，何者為真？  
(A)"有塔台管制的機場，上空為A, B, C類空域顯示為藍色，D, E類空域顯示為紫紅色。"  
(B)"有塔台管制的機場，上空為C, D, E類空域顯示為紫紅色。"(C)"有塔台管制的機場，上空為B, C, D, E類空域顯示為藍色。"

原始題號:0015150 題組:0 難易度:易

- (C) 59. 有關用以顯示分段航途中機場的顏色，何者為真？  
(A)"有塔台管制的機場，上空為D, E類空域顯示為紫紅色。"(B)有塔台管制的機場顯示為紫紅色。(C)有塔台管制的機場顯示為藍色。

原始題號:0015151 題組:0 難易度:易

- (C) 60. 使用導航方式，飛行員得以藉\_\_\_\_，防止偏離航線太遠。  
(A)飛計畫航向。(B)飛計畫。(C)參考檢查點或選定之特徵。

原始題號:0015152 題組:0 難易度:易

- (A) 61. 航向與地速需藉由推測航行程序計算，飛行時，需不斷地檢視與修正  
(A)藉由觀測檢查點導航。(B)風偏修正。(C)磁羅盤與地速指示器。

原始題號:0015153 題組:0 難易度:易

- (B) 62. 轉換真航線至磁航向時，飛行員應  
(A)減東向磁偏差及右側風修正角。(B)加西向磁偏差及減左側風修正角。(C)減西向磁偏差及加右側風修正角。

原始題號:0015154 題組:0 難易度:易

- (A) 63. 在分段航圖上參考經線所量測之航線，稱為  
(A)真航線。(B)磁航線。(C)真航向。

原始題號:0015155 題組:0 難易度:易

- (B) 64. 若適量修正風向，地面軌跡將與\_\_\_\_一致。  
(A)偏移角。(B)航線。(C)航向。

原始題號:0015156 題組:0 難易度:易

- (A) 65. 空氣移動時影響飛機\_\_\_\_的移動速度。  
(A)在地表上空。(B)在空氣中。(C)轉彎時。

原始題號:0015157 題組:0 難易度:易

- (A) 66. 若飛機飛向東航線，風來自東北，飛機必然航向  
(A)概略東北以中和偏移。(B)東南以中和偏移。(C)北以中和扭力。

原始題號:0015158 題組:0 難易度:易

- (B) 67. 若飛機在500呎巡航高度，地速45mph，每小時消耗3加侖燃油。航行75哩需消耗多少燃油？  
(A)6加侖。(B)5加侖。(C)3加侖。

原始題號:0015159 題組:0 難易度:易

- (A) 68. 為獲得一定時間內之飛行距離，需乘以  
(A)地速。(B)指示空速。(C)相等空速。

原始題號:0015160 題組:0 難易度:易

- (B) 69. 提供：真航線:050，真航向:040，真空速:75kts，地速:65kts。決定風向與風速。  
(A)105°; 16 哩。(B)355°; 16哩。(C)355°; 10 哩。

原始題號:0015161 題組:0 難易度:易

- (C) 70. 為何要填寫目視飛行計畫書給飛航服務台？  
(A)飛行超過機場25哩時，必須如此。(B)提供航行報告給飛航服務台。(C)提供緊急事件時之搜救。

原始題號:0015162 題組:0 難易度:易

- (C) 71. 在無人管制機場離場航線程序何者正確？  
(A)離開機場範圍後，朝任何安全方向離場。(B)所有轉彎均向左。(C)遵照FAA為機場設計的航線。



原始題號:0015163 題組:0 難易度:易

- ( C ) 72. 在無燈號或目視信號的G類空域機場落地時，飛行員必須  
(A)直接進場。(B)所有轉彎均向右轉。(C)所有轉彎均向左轉。

原始題號:0015164 題組:0 難易度:易

- ( B ) 73. 在G類空域，無管制塔台之機場進場落地，飛行員應  
(A)在800呎AGL加入航線。(B)除非另有指示，所有轉彎向左。(C)飛800呎AGL左航線。

原始題號:0015165 題組:0 難易度:易

- ( A ) 74. 下降時加入航線，會造成特定撞擊之危害，  
(A)應予避免。(B)應在可能時使用。(C)違法。

原始題號:0015166 題組:0 難易度:易

- ( A ) 75. 哪一種刊物包含有機場標示與圖示說明？  
(A)飛航人員手冊(AIM)。(B)民航通告(AC)。(C)民航/設施指令。

原始題號:0015167 題組:0 難易度:易

- ( B ) 76. 跑道上的35與17數字顯示該跑道概略朝向  
(A)035°與017°磁航向。(B)305°與170°磁航向。(C)350°與170°真航向。

原始題號:0015168 題組:0 難易度:易

- ( A ) 77. 滑行道上的跑道待命位置標示目的為何？  
(A)使飛機在跑道外待命。(B)讓飛機獲得許可進入跑道。(C)飛機禁止進入的識別區。

原始題號:0015169 題組:0 難易度:易

- ( B ) 78. 待命位置符號有  
(A)白底紅字。(B)紅底白字。(C)紅底黃字。

原始題號:0015170 題組:0 難易度:易

- ( A ) 79. 滑行道上的跑道待命位置標示為  
(A)飛機在跑道外等待之辨識區。(B)飛機禁止進入之辨識區。(C)讓飛機獲得許可進入跑道。

原始題號:0015171 題組:0 難易度:易

- ( A ) 80. 滑行道盡頭符號標誌  
(A)顯示滑行道終止。(B)顯示為飛機禁止進入。(C)提供特定滑行道之一般滑行指示。

原始題號:0015172 題組:0 難易度:易

- ( A ) 81. 不可進入符號標誌之目的為何？  
(A)飛機禁止進入之辨識準備區。(B)勿繼續超越交叉口之辨識區。(C)離開跑道保護區界線辨識區。

原始題號:0015173 題組:0 難易度:易

- ( B ) 82. 機場旋轉燈於白天開啟時代表  
(A)機場有障礙物。(B)"地面能見度低於3哩，且/或雲幕高低於1,000呎。"(C)機場管制塔台未運作。

原始題號:0015174 題組:0 難易度:易

( C ) 83. 在使用VASI進場時，低於下滑道指示器會看到  
(A)閃爍白燈。(B)固定白燈。(C)閃爍紅燈。

原始題號:0015175 題組:0 難易度:易

( C ) 84. 任何人不得在\_\_\_\_實施編隊飛行。  
(A)人口密集區域上空。(B)D類空域。(C)除非各機機長事先規劃。

原始題號:0015176 題組:0 難易度:易

( B ) 85. 在所有飛航中，何種航空器有優先權？  
(A)氣球。(B)遇險之飛機。(C)五邊進場落地飛機。

原始題號:0015177 題組:0 難易度:易

( B ) 86. 兩架同類飛機接近但不對頭，應採取何行動？  
(A)較快速之飛機應禮讓。(B)在左側之飛機應禮讓。(C)每架飛機應禮讓右側飛機。

原始題號:0015178 題組:0 難易度:易

( A ) 87. 除必須起降外，飛行員在任何機場操作飛機之最低安全高度為何？  
(A)在馬力失效時，飛機緊急落地不危害地表之人員或財產。(B)距地表500呎高度，且不接近任何人員、船艦、車輛、或建築物。(C)"在地表水平半徑1,000呎內、最高障礙物高度以上500呎。"

原始題號:0015179 題組:0 難易度:易

( A ) 88. 『露點』術語之意思為何？  
(A)空氣必須冷卻至飽和時之溫度。(B)凝結溫度等於蒸發溫度時。(C)造成降水之溫度。

原始題號:0015180 題組:0 難易度:易

( B ) 89. 用在命名雲字尾的 nimbus 意思為  
(A)密集垂直發展的雲。(B)雨雲。(C)含有冰珠的中雲。

原始題號:0015181 題組:0 難易度:易

( A ) 90. 山岳波最危險特徵之一，就是在\_\_及內部的亂流區。  
(A)滾軸雲下方。(B)滾軸雲上方。(C)筭狀雲下方。

原始題號:0015182 題組:0 難易度:易

( C ) 91. 哪一類雲顯示對流性亂流？  
(A)捲雲。(B)雨層雲。(C)塔狀積雲。

原始題號:0015183 題組:0 難易度:易

( A ) 92. 通常會對飛機產生最密集危害的雷雨是  
(A)飗線雷雨。(B)氣團雷雨。(C)暖峰雷雨。

原始題號:0015184 題組:0 難易度:易

( A ) 93. 雷雨形成的必要條件為何？  
(A)高溼度、上升力、及不穩定狀態。(B)高溼度、高溫、與積雲。(C)上升力、濕空氣、與密集雲層覆蓋。

原始題號:0015185 題組:0 難易度:易

( A ) 94. 雷雨在\_\_\_\_強度最強。  
(A)成熟階段。(B)下沉階段。(C)累積階段。



原始題號:0015186 題組:0 難易度:易

( C ) 95. 風切發生在何處?

(A)只發生在高高度。(B)只發生在低高度。(C)在所有高度、所有方向。

原始題號:0015187 題組:0 難易度:易

( A ) 96. 如在起飛後立即遭遇或進場落地期間遭遇大氣溫度逆層，顯示有\_\_\_\_潛在危害。

(A)風切。(B)強大的地面風。(C)強大的對流。

原始題號:0015188 題組:0 難易度:易

( C ) 97. 在每日最後一次飛行後加油為良好之作業程序，因為

(A)將現存之任何水份壓迫至油箱之最上方，以免燃油進入引擎。(B)藉消除油箱空氣空間，防止燃油膨脹。(C)藉消除油箱空氣空間，防止濕氣凝結。

原始題號:0015189 題組:0 難易度:易

( A ) 98. 大多數的空中撞擊意外發生於

(A)晴朗的白晝。(B)多霧的白晝。(C)多雲的夜晚。

原始題號:0015190 題組:0 難易度:易

( C ) 99. 你如何得知另一架飛機在你的碰撞航線上?

(A)另一架飛機總是會變的愈來愈大、愈來愈近且愈來愈快。(B)各機的機鼻指向空中之同一點。(C)你與其他飛機之間不會有任何相對運動關係。

原始題號:0015191 題組:0 難易度:易

( A ) 100. 飛行員察覺有任何安全顧慮時，應

(A)立即要求協助。(B)降低狀況警覺。(C)改變思維。

原始題號:0015192 題組:0 難易度:易

( B ) 101. 飛行員在開始各項動作前，應

(A)檢查高度、空速及航向。(B)目視掃描所有區域以防碰撞。(C)在最接近的共用航線諮詢頻率宣告意圖。

原始題號:0015193 題組:0 難易度:易

( C ) 102. 為能有效視察空域，飛行員應

(A)以分段方式，緩慢地自視野一端掃描至另一端。(B)將注意力集中於任何眼睛餘光運動所偵測到的東西。(C)將眼睛以一連串短暫、規律空間的運動，期能將空域有效置於中央視野。

原始題號:0015194 題組:0 難易度:易

( B ) 103. 晝間最有效的空域掃描防撞方式為

(A)有規律的將注意力集中於3、12、與9點鐘方位空域。(B)以一連串短暫、規律空間的眼睛運動，以每10度為一單位方式搜尋。(C)運用側視掃描技巧，以眼睛餘光逐次掃描每個分割之小空域。

原始題號:0015195 題組:0 難易度:易

( A ) 104. 支撐發射台鐵塔的側向支線可能是水平延伸，因此應至少與鐵塔保持\_\_\_\_以上之安全距離。

(A)"水平2,000呎。"(B)水平300呎。(C)"水平1,000呎。"

原始題號:0015196 題組:0 難易度:易

( C ) 105. 下列哪一種風的狀況會將跑道的機尾亂流危害延長最久時間?

(A)輕微前側風。(B)正尾風。(C)輕微後側風。

原始題號:0015197 題組:0 難易度:易

( A ) 106. 在大型飛機落地後進場落地，飛行員應以\_\_\_\_方式避免機尾亂流。

(A)飛在大型飛機五邊進場下滑道上方，並落在大型飛機落地點的前方。(B)飛在大型飛機五邊進場下滑道下方，並落在大型飛機落地點的後方。(C)飛在大型飛機五邊進場下滑道上方，並落在大型飛機落地點的後方。

原始題號:0015198 題組:0 難易度:易

( A ) 107. 由大型飛機造成的翼尖渦流會

(A)航空器下降引發的亂流 (B)上升至航線高度。(C)上升至穿越跑道之起飛航道或落地航道。

原始題號:0015199 題組:0 難易度:易

( C ) 108. 翼尖渦流僅發生於飛機\_\_\_\_時。

(A)高速 (B)大載重 (C)產生升力

原始題號:0015200 題組:0 難易度:易

( C ) 109. 翼尖渦流強度最大情形發生在機身\_\_\_\_時。

(A)輕、不潔、及快速 (B)重、不潔、及快速 (C)重、清潔、及慢速

原始題號:0015201 題組:0 難易度:易

( B ) 110. 下列何者關於經緯度敘述為真?

(A)經線平行於赤道。(B)經線穿越赤道並與赤道成直角。(C)經度及緯度的零度線通過英國的格林威治。

原始題號:0015202 題組:0 難易度:易

( C ) 111. 有關藍色與紫紅色用來顯示分段航圖中的機場何者為真?

(A)有管制塔台的機場上空為A類、B類、及C類空域為藍色，D類及E類為紫紅色。(B)有管制塔台的機場上空為C類、D類及E類為紫紅色。(C)有管制塔台的機場上空為B類、C類、D類及E類為藍色。

原始題號:0015203 題組:0 難易度:易

( C ) 112. 若真航向為 $135^{\circ}$ ，地跡為 $130^{\circ}$ ；真空速為135浬，地速為140浬。試問風向風速為?

(A) $019^{\circ}$ ，12浬。(B) $200^{\circ}$ ，13 浬。(C) $246^{\circ}$ ，13 浬。

原始題號:0015204 題組:0 難易度:易

( B ) 113. 將真航向轉換為磁航向時，飛行員應

(A)減東向磁偏差及右側風修正角。(B)加西向磁偏差及減左側風修正角。(C)減西向磁偏差及加右側風修正角。

原始題號:0015205 題組:0 難易度:易

( C ) 114. 飛機地速98浬飛行2.5分鐘之飛行距離為何?

(A)2.45 浬。(B)3.35 浬。(C)4.08 浬。

原始題號:0015206 題組:0 難易度:易

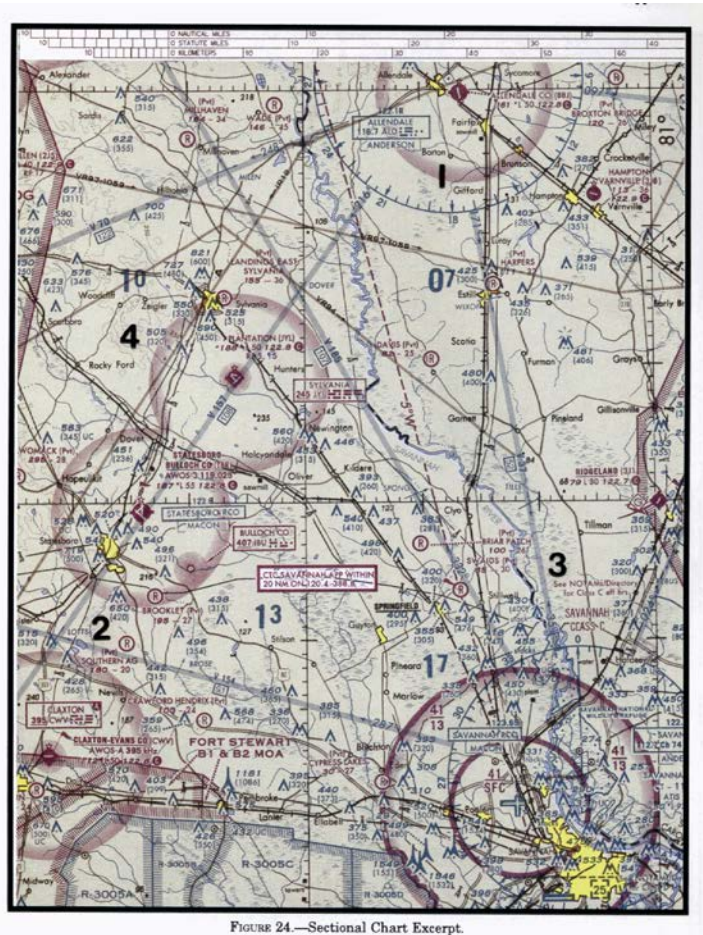


- (B) 115. "長途飛行時，於1500通過A點，計畫於1530通過B點。運用下列資訊決定準時到達B點之所須指示空速，A點至B點距離為70浬，測報風向風速：310/15，壓力高度：8,000呎，大氣環境溫度：-10°C，真航向：270°，所須指示空速約為"
- (A)126 浬。 (B)137浬。 (C)152 浬。

原始題號:0015207 題組:0 難易度:易

- (B) 116. (參照圖4)若VOR接收器顯示為Savannah VORTAC (第3區)的320°輻向及Allendale VOR(第1區)的184°輻向，則飛機的概略位置為?
- (如圖A56\_Fig4)
- (A)Guyton鎮。 (B)Springfield鎮。 (C)Marlow東面3浬。

題目圖：



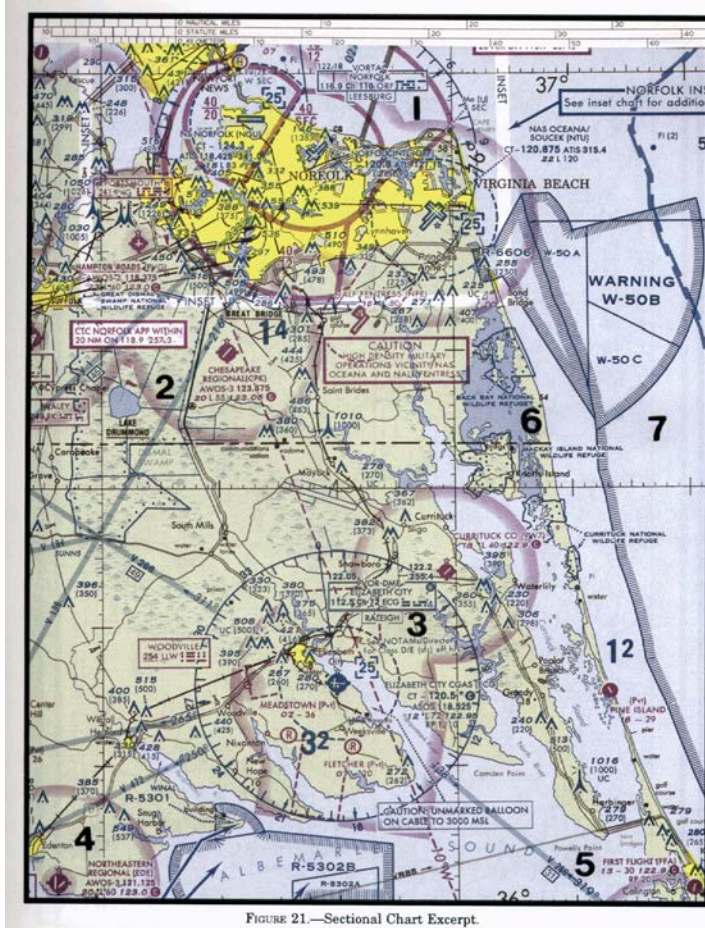
## (A56) CPL直昇機基本航行學

最近更新日期：無；更新題號：無

原始題號:0015092 題組:1 難易度:中

- (C) 1. (Refer to Figure 1.) Determine the magnetic course from First Flight Airport (area 5) to Hampton Roads Airport (area 2). (如圖A56\_Fig1)  
(A)141°. (B)321°. (C)331°.

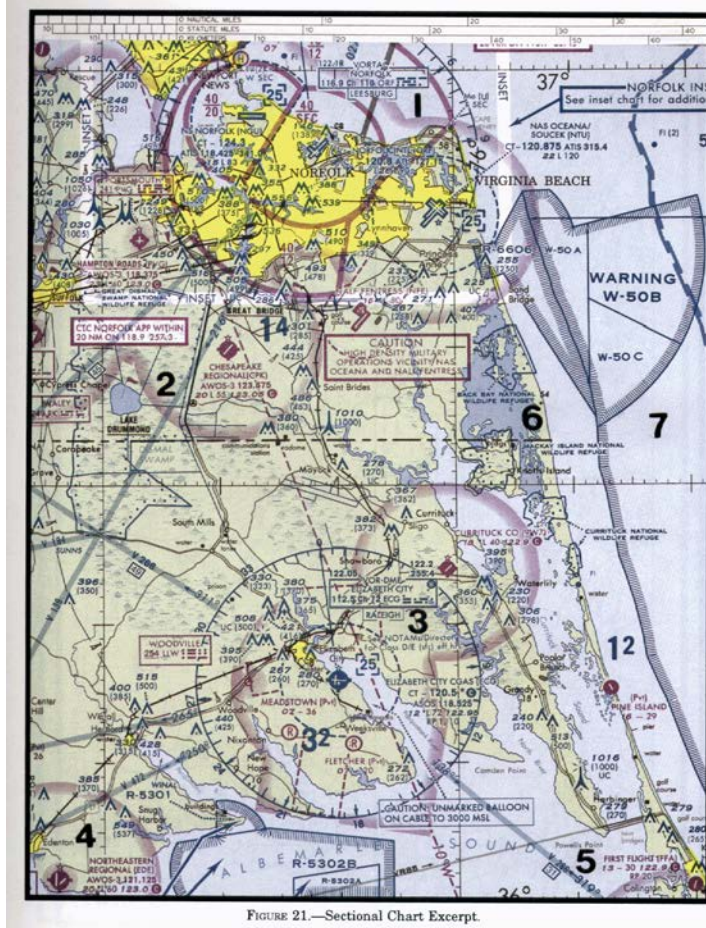
題目圖：



原始題號:0015093 題組:2 難易度:中

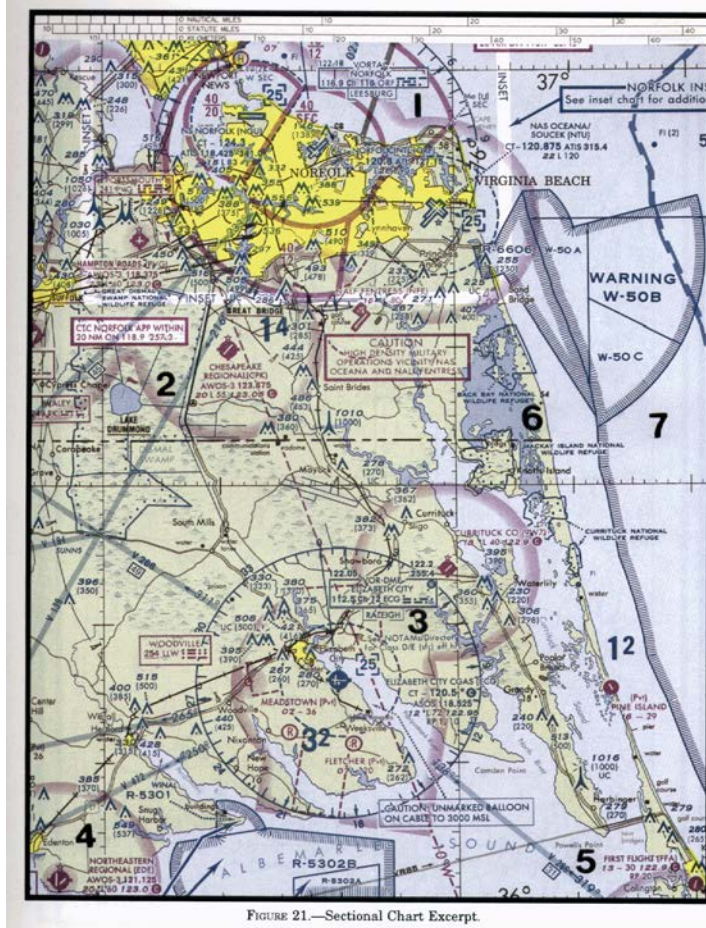
- (C) 2. (Refer to Figure 1.) En route to First Flight Airport (area 5), your flight passes over Hampton Roads Airport (Area 2) at 1456 and then over Chesapeake Municipal at 1501. At what time should your flight arrive at First Flight?" (如圖A56\_Fig1)  
(A)1516. (B)1521 (C)1526





原始題號:0015094 題組:3 難易度:中

- ( B ) 3. (Refer to Figure 1.) What is your approximate position on low altitude airway Victor 1, southwest of Norfolk (area 1), if the VOR receiver indicates you are on the  $340^{\circ}$  radial of Elizabeth City VOR (area 3)?" (如圖A56\_Fig1)
- (A) 15 nautical miles from Norfolk VORTAC. (B) 18 nautical miles from Norfolk VORTAC. (C) 23 nautical miles from Norfolk VORTAC.



原始題號:0015095 題組:4 難易度:中

- (C) 4. (Refer to Figure 1, area 2.) The flag symbol at lake Drummond represents a" (如圖A56\_Fig1)
- (A)compulsory reporting point for Norfolk Class C airspace. (B)compulsory reporting point for Hampton Roads Airport. (C)visual checpoint used to identify position for initial callup to Norfolk Approach Control.



題目圖：

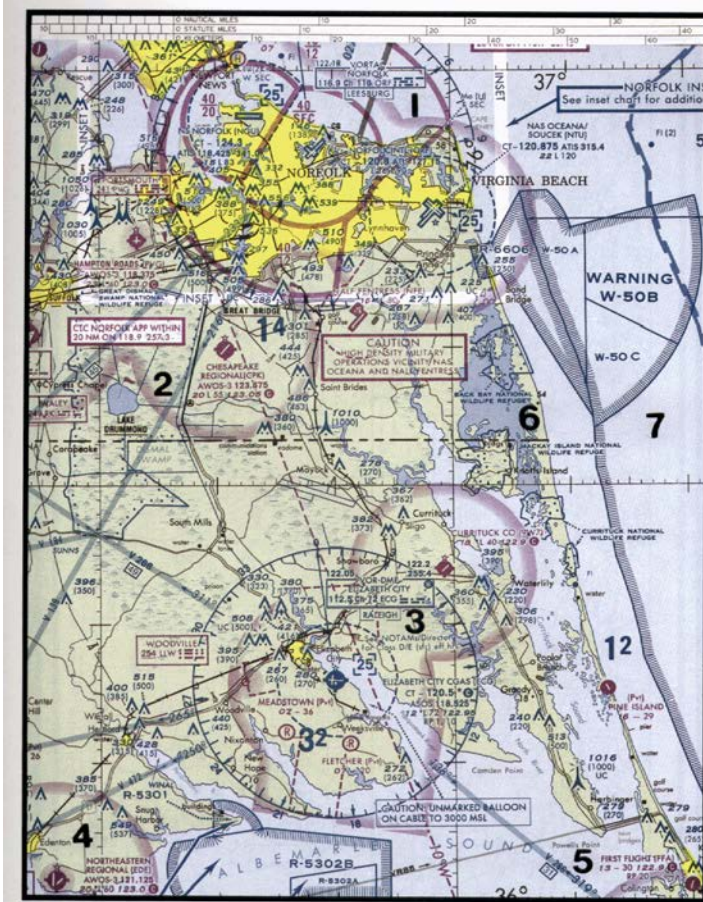


FIGURE 21.—Sectional Chart Excerpt.

原始題號:0015096 題組:5 難易度:中

- (A) 5. (Refer to Figure 1, area 2.) The elevation of the Chesapeake Regional Airport is" (如圖A56\_Fig1)  
(A)20 feet. (B)36 feet. (C)360 feet.

題目圖：

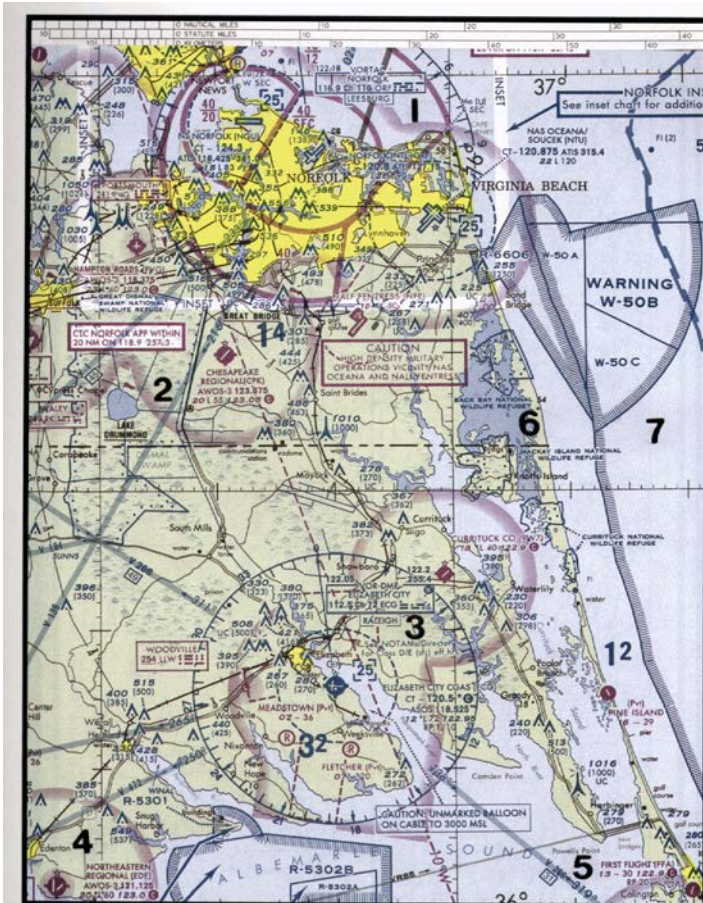


FIGURE 21.—Sectional Chart Excerpt.

原始題號:0015097 題組:6 難易度:中

(A) 6. (Refer to Figure 1, area 3.) Determine the approximate latitude and longitude of Currituck County Airport." (如圖A56\_Fig1)

(A) 36°24' N - 76°01' W. (B) 36°48' N - 76°01' W. (C) 47°48' N - 75°58' W.

題目圖：

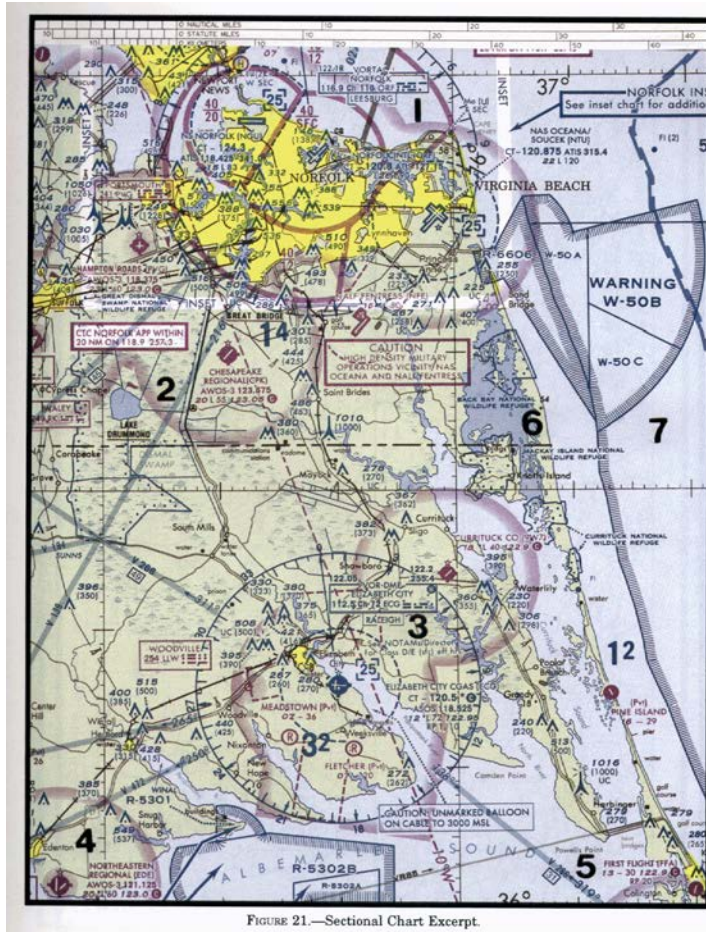


FIGURE 21.—Sectional Chart Excerpt.

原始題號:0015098 題組:8 難易度:中

(A) 7. (Refer to Figure 1, area 5.) The CAUTION box denotes what hazard to aircraft?" (如圖A56\_Fig1)

(A) "Unmarked balloon on cable to 3,000 feet MSL." (B) "Unmarked balloon on cable to 3,000 feet AGL." (C) Unmarked blimp hangars at 300 feet MSL.



原始題號:0015099 題組:1 難易度:中

6

題目圖：

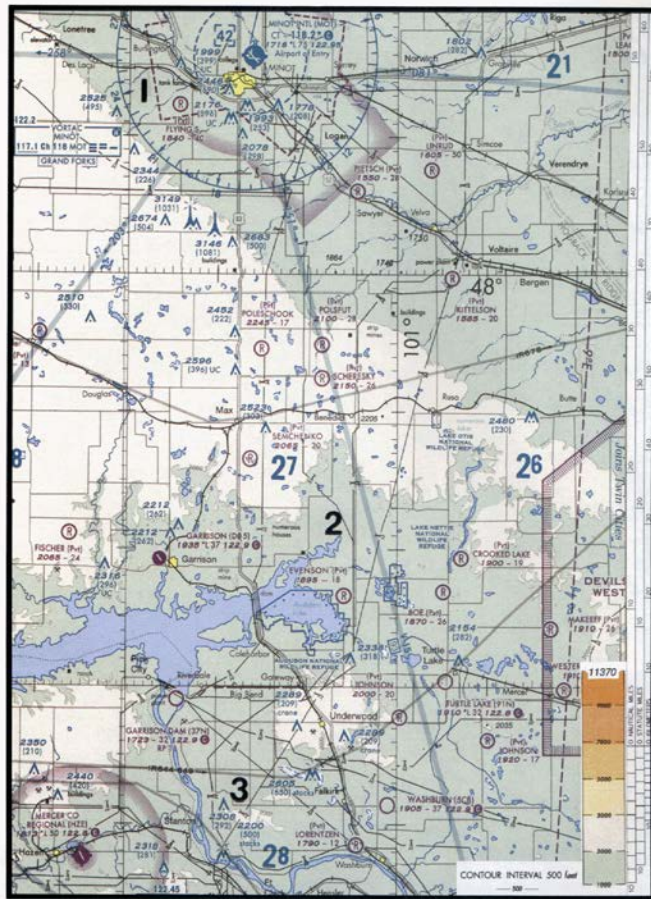


FIGURE 22—Sectional Chart Excerpt.

原始題號:0015100 題組:2 難易度:中

- ( B ) 9. (Refer to Figure 2.) Which public use airports depicted are indicated as having fuel?(如圖A56\_Fig2)
- (A)Minot Intl. (area 1) and Garrison (area 2). (B)Minot Intl. (area 1) and Mercer County Regional Airport (area 3). (C)Mercer County Regional Airport (area 3) and Garrison (area 2).



題目圖：

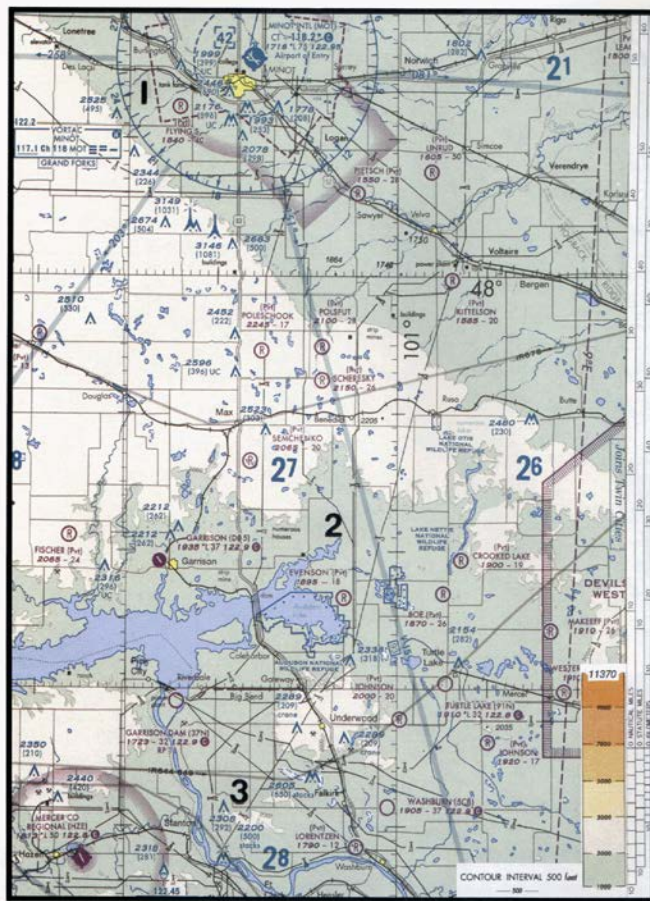


FIGURE 22—Sectional Chart Excerpt.

原始題號:0015101 題組:3 難易度:中

- (C) 10. (Refer to Figure 2.) Determine the magnetic heading for a flight from Mercer County Regional Airport (area 3) to Minot International (area 1). The wind is from 330° at 25 knots, the true airspeed is 100 knots, and the magnetic variation is 10° east." (如圖A56\_Fig2)
- (A) 002° (B) 012° (C) 352°

題目圖：



FIGURE 22—Sectional Chart Excerpt.

原始題號:0015102 題組:4 難易度:中

- ( B ) 11. (Refer to Figure 2.) What course should be selected on the omnibearing selector (OBS) to make a direct flight from Mercer County Regional Airport (area 3) to the VORTAC (area 1) with TO indication?(如圖A56\_Fig2)
- (A)001° (B)359° (C)179°



題目圖：

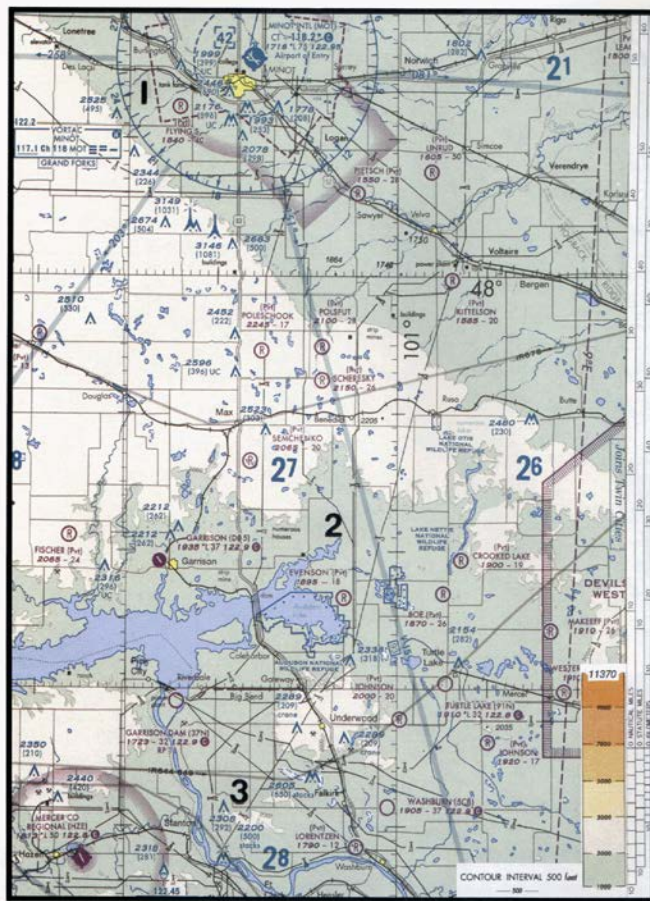


FIGURE 22.—Sectional Chart Excerpt.

原始題號:0015103 題組:5 難易度:中

- (B) 12. (Refer to Figure 2, area 2.) Which airport is located at approximately  $47^{\circ} 39' 30''$  N latitude and  $100^{\circ} 53' 00''$  W longitude? (如圖A56\_Fig2)
- (A) Linrud. (B) Crooked Lake. (C) Johnson.

題目圖：

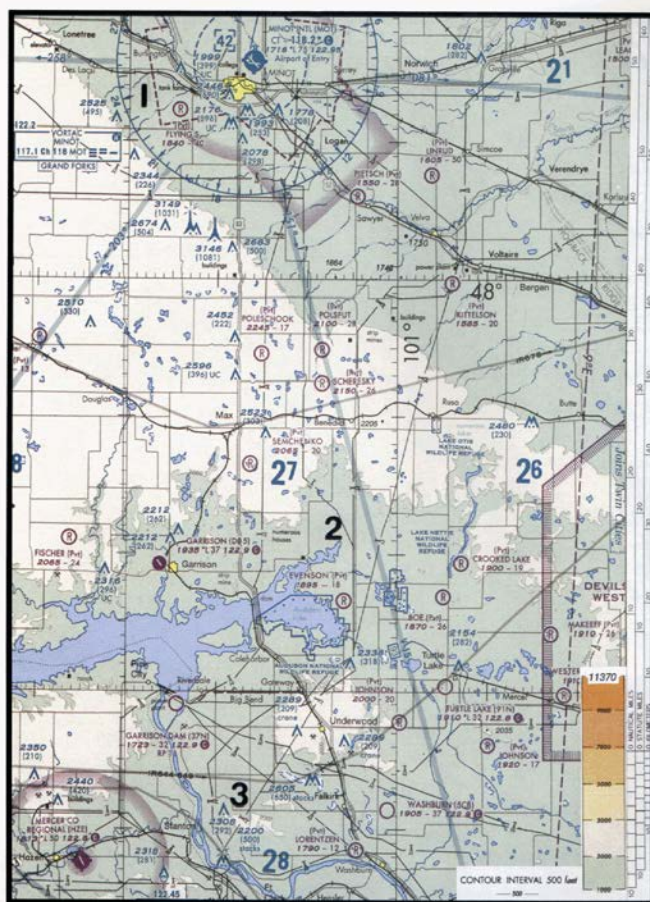
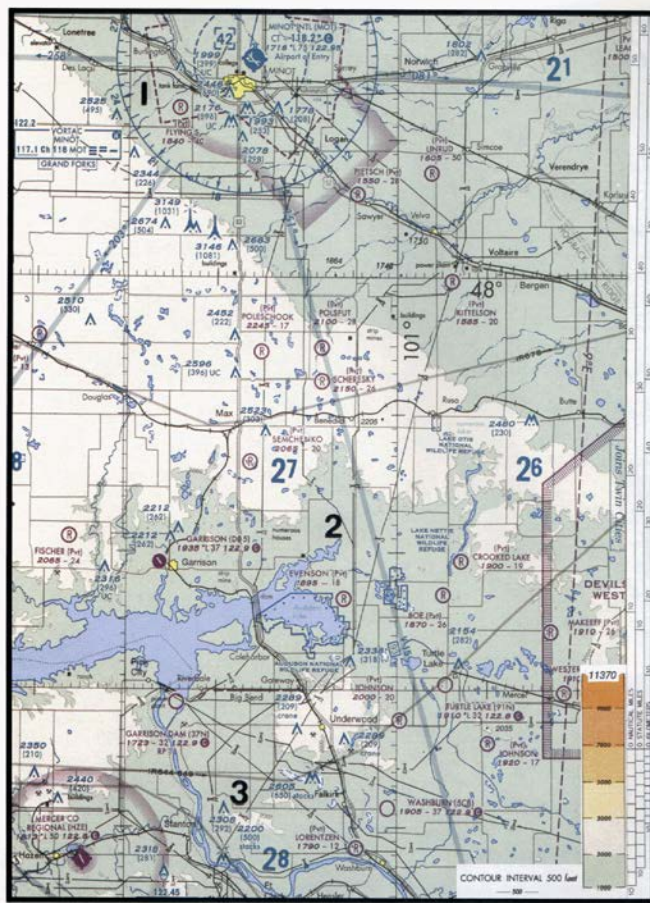


FIGURE 22.—Sectional Chart Excerpt.

原始題號:0015104 題組:6 難易度:中

- (C) 13. (Refer to Figure 2, area 3.) Which airport is located at approximately  $47^{\circ}21'N$  latitude and  $101^{\circ}01'W$  longitude?" (如圖A56\_Fig2)  
(A) Underwood. (B) Evenson. (C) Washburn.

題目圖：



原始題號:0015105 題組:7 難易度:中

- (B) 14. (Refer to Figure 2, area 3.) Determine the approximate latitude and longitude of Shoshone County Airport." (如圖A56\_Fig2)  
(A)  $47^{\circ}02'N - 116^{\circ}11'W$ . (B)  $47^{\circ}33'N - 116^{\circ}11'W$ . (C)  $47^{\circ}32'N - 116^{\circ}41'W$ .



題目圖：

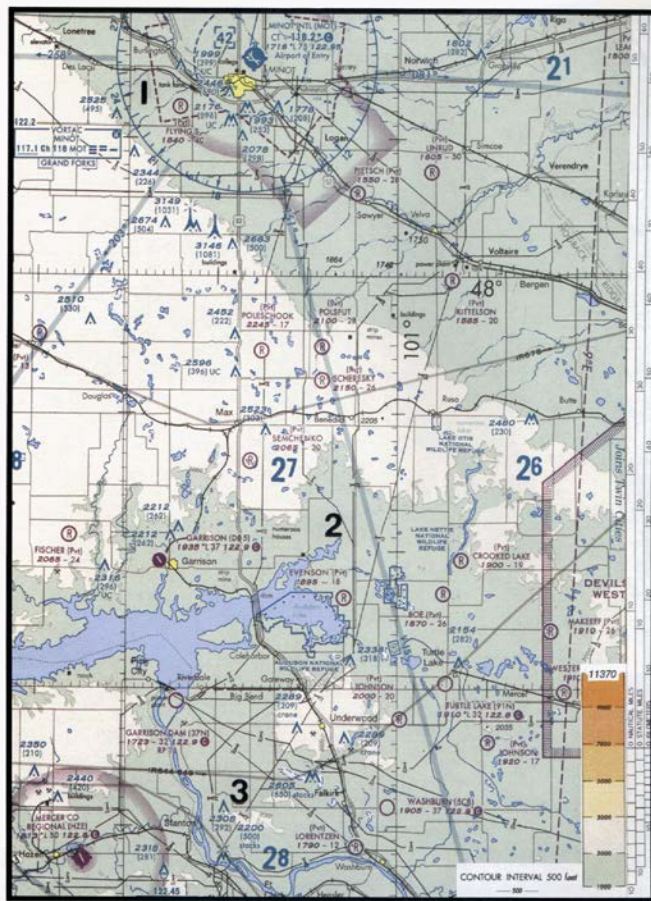
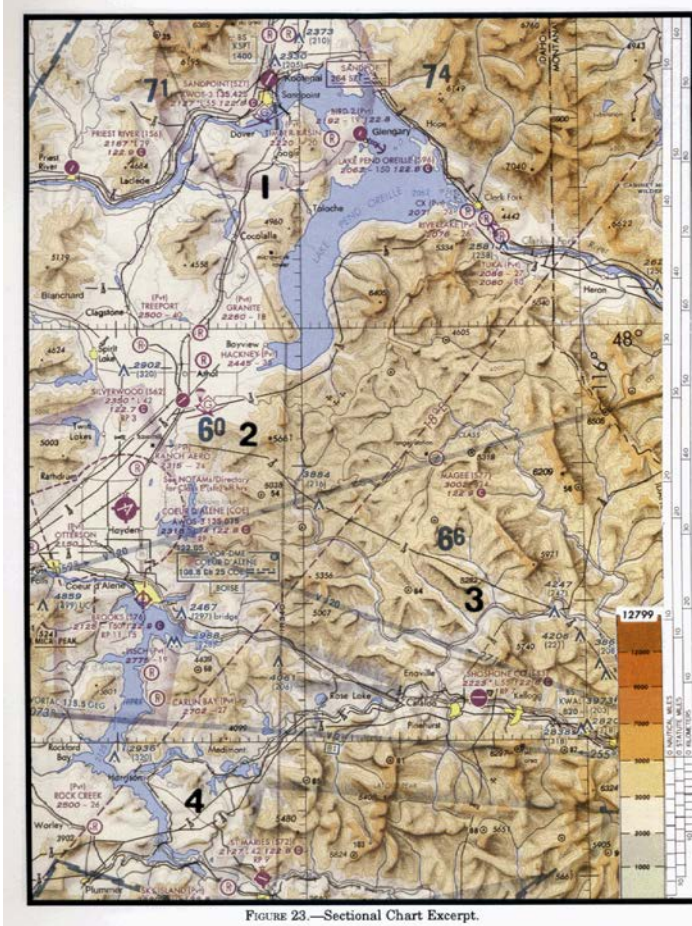


FIGURE 22.—Sectional Chart Excerpt.

原始題號:0015106 題組:1 難易度:中

- (C) 15. (Refer to Figure 3.) What is the estimated time en route from Sandpoint Airport (area 1) to St. Maries Airport (area 4)? The wind is from  $215^{\circ}$  at 25 knots, the true airspeed is 125 knots." (如圖A56\_Fig3)
- (A) 38 minutes. (B) 30 minutes. (C) 34 minutes.



原始題號:0015107 題組:2 難易度:中

- (C) 16. (Refer to Figure 3.) Determine the estimated time en route for a flight from Priest River Airport (area 1) to Shoshone County Airport (area 3). The wind is from 030 at 12 knots and the true airspeed is 95 knots. Add 2 minutes for climb-out. (如圖A56\_Fig3)
- (A)29 minutes. (B)27 minutes. (C)31 minutes.



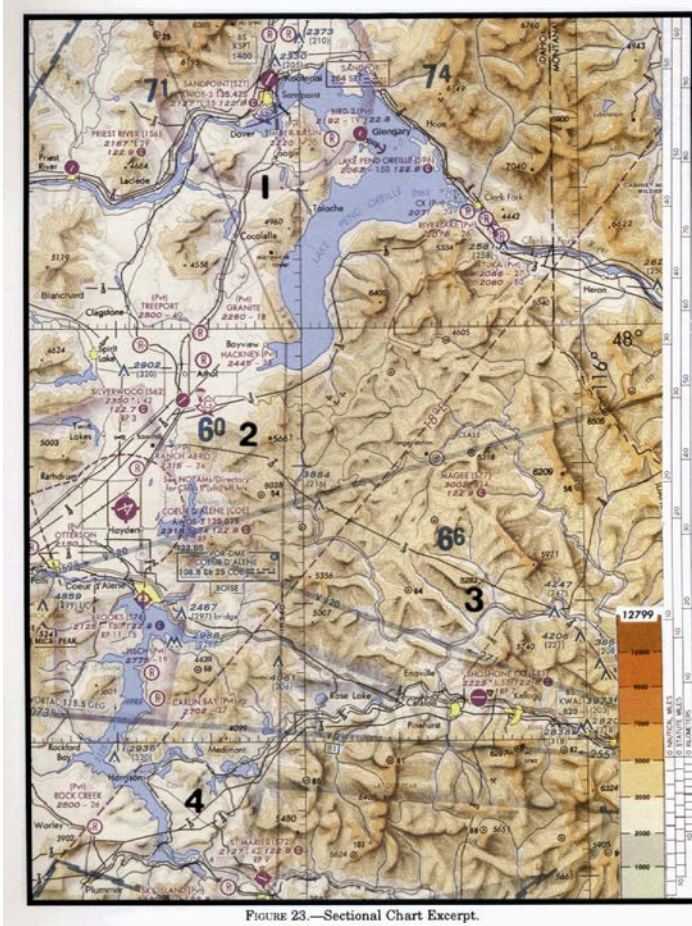
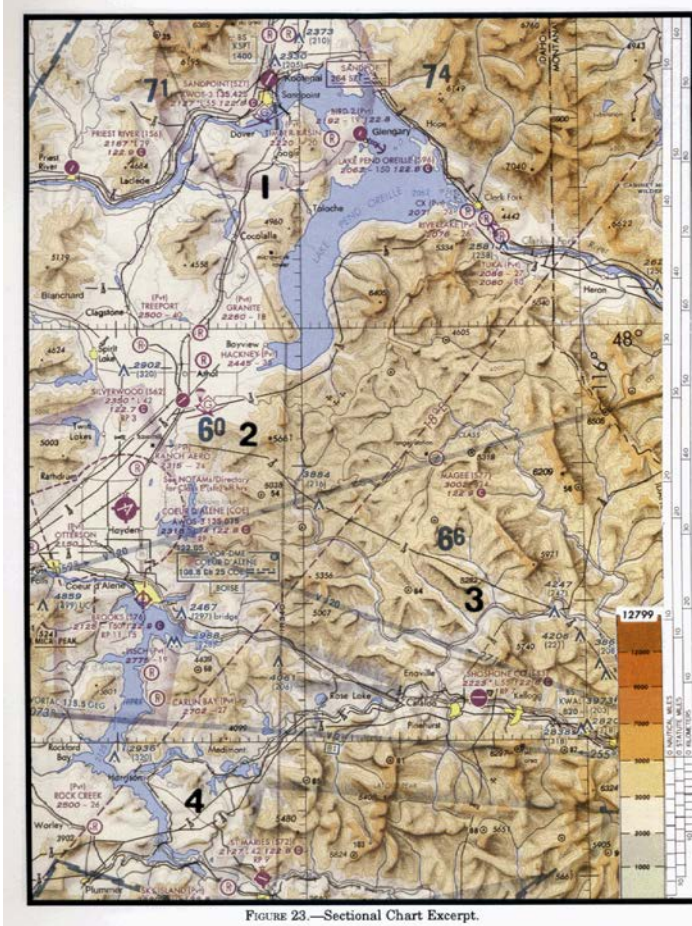


FIGURE 23.—Sectional Chart Excerpt.

原始題號:0015108 題組:3 難易度:中

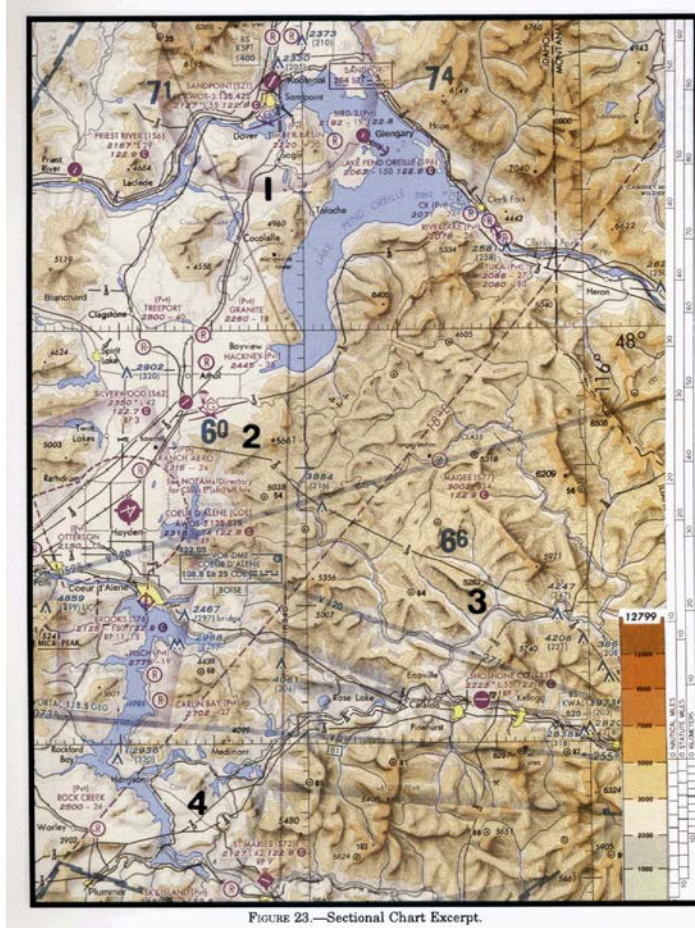
- ( B ) 17. (Refer to Figure 3.) What is the estimated time en route from St. Maries Airport (area 4) to Priest River Airport (area 1)? The wind is from  $300^{\circ}$  at 14 knots and the true airspeed is 90 knots. Add 3 minutes for climb-out. (如圖A56\_Fig3)
- (A)38 minutes. (B)43 minutes. (C)48 minutes.



原始題號:0015109 題組:4 難易度:中

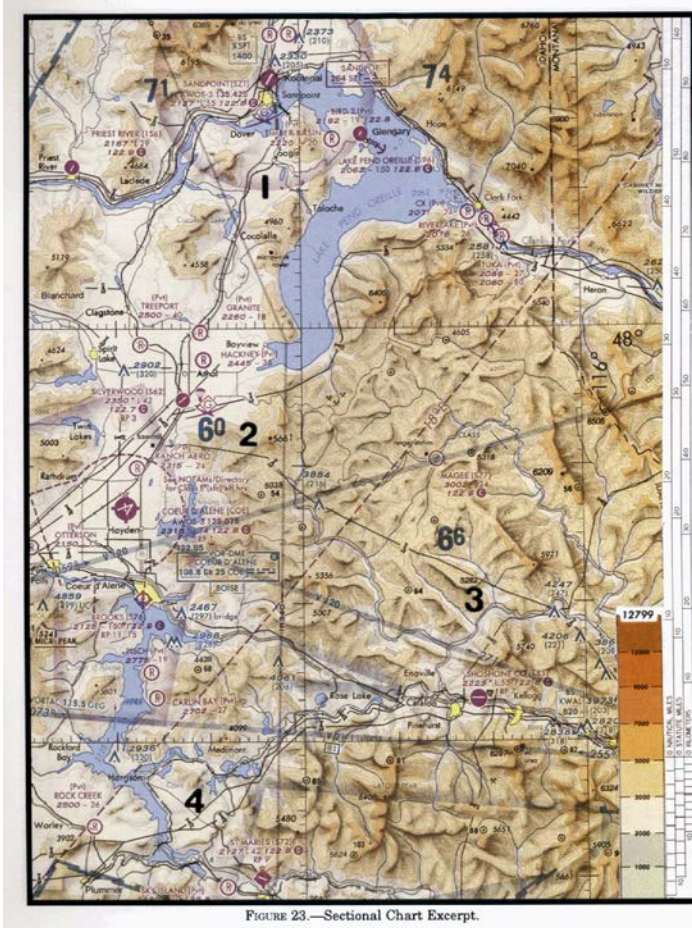
- (C) 18. (Refer to Figure 3.) What is the estimated time en route from Alendale County Airport (area 1) to Claxton-Evans County Airport (area 2)? The wind is from  $100^{\circ}$  at 18 knots and the true airspeed is 115 knots. Add 2 minutes for climb-out. (如圖A56\_Fig3)
- (A)33 minutes. (B)27 minutes. (C)30 minutes.





原始題號:0015110 題組:5 難易度:中

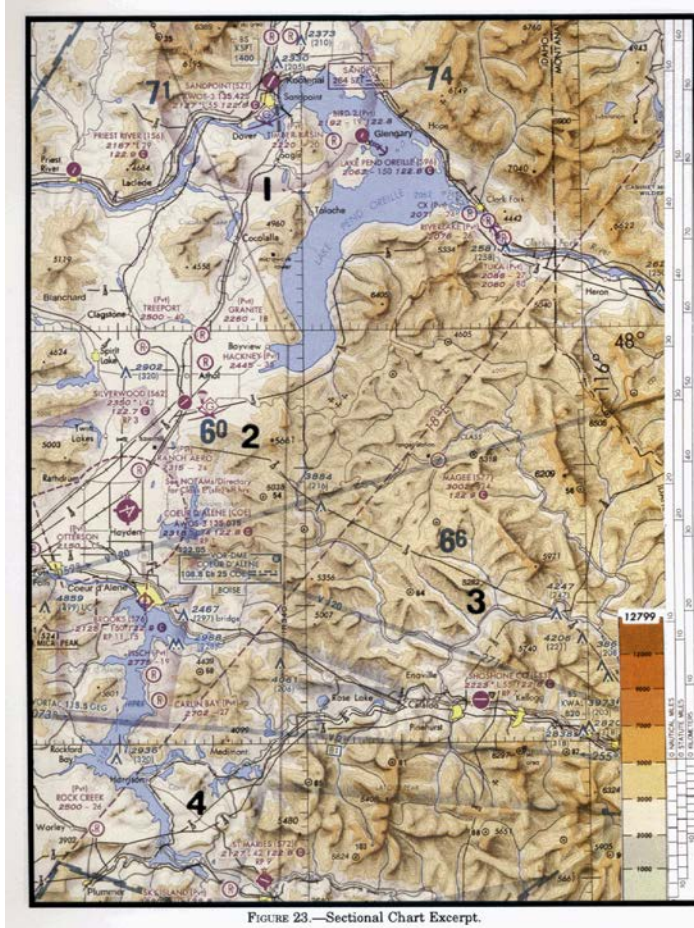
- (A) 19. (Refer to Figure 3.) Determine the magnetic heading for a flight from Sandpoint Airport (area 1) to St. Maries Airport (area 4). The wind is from 215 at 25 knots and the true airspeed is 125 knots. (如圖A56\_Fig3)
- (A)169° (B)349° (C)187°



原始題號:0015111 題組:6 難易度:中

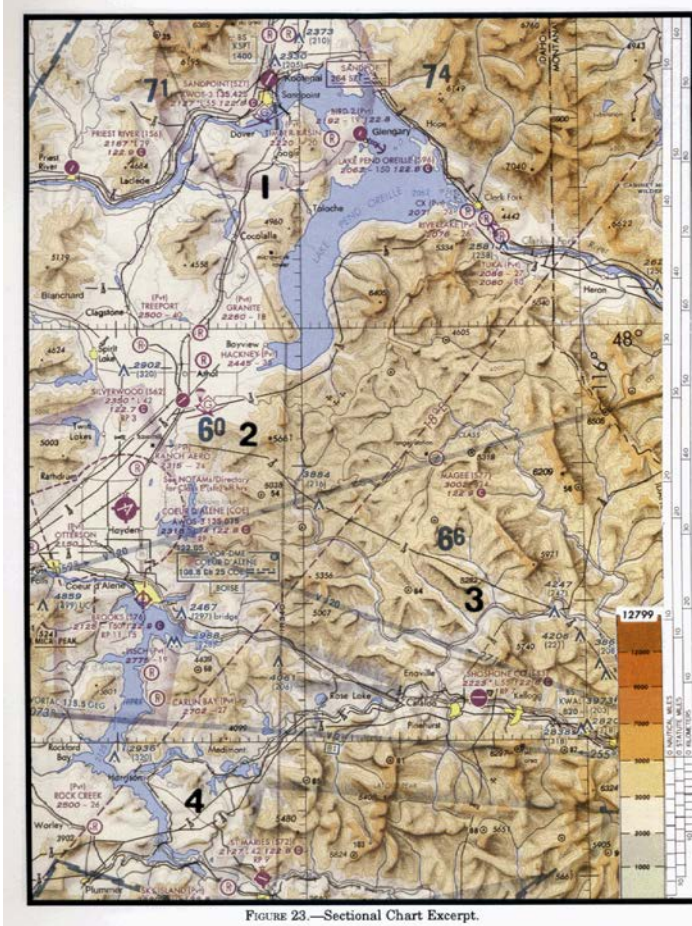
- (A) 20. (Refer to Figure 3.) What is the magnetic heading for a flight from Priest River Airport (area 1) to Shoshone County Airport (area 3)? The wind is from  $030^{\circ}$  at 12 knots and the true airspeed is 95 knots. (如圖A56\_Fig3)
- (A)  $118^{\circ}$  (B)  $143^{\circ}$  (C)  $136^{\circ}$





原始題號:0015112 題組:7 難易度:中

- (C) 21. (Refer to Figure 3.) Determine the magnetic heading for a flight from St. Maries Airport (area 4) to Priest River Airport (area 1). The wind is from 340° at 10 knots and the true airspeed is 90 knots. (如圖A56\_Fig3)
- (A)345° (B)320° (C)327°



原始題號:0015113 題組:1 難易度:中

- (C) 22. (Refer to Figure 4.) The flag symbols at Statesboro Bullock County Airport, Claxton-Evans County Airport, and Ridgeland Airport are" (如圖A56\_Fig4)
- (A)outer boundaries of Savannah Class C airspace. (B)airports with special traffic patterns. (C)visual checpoint to identify position for initial callup prior to entering Savannah Class C airspace.



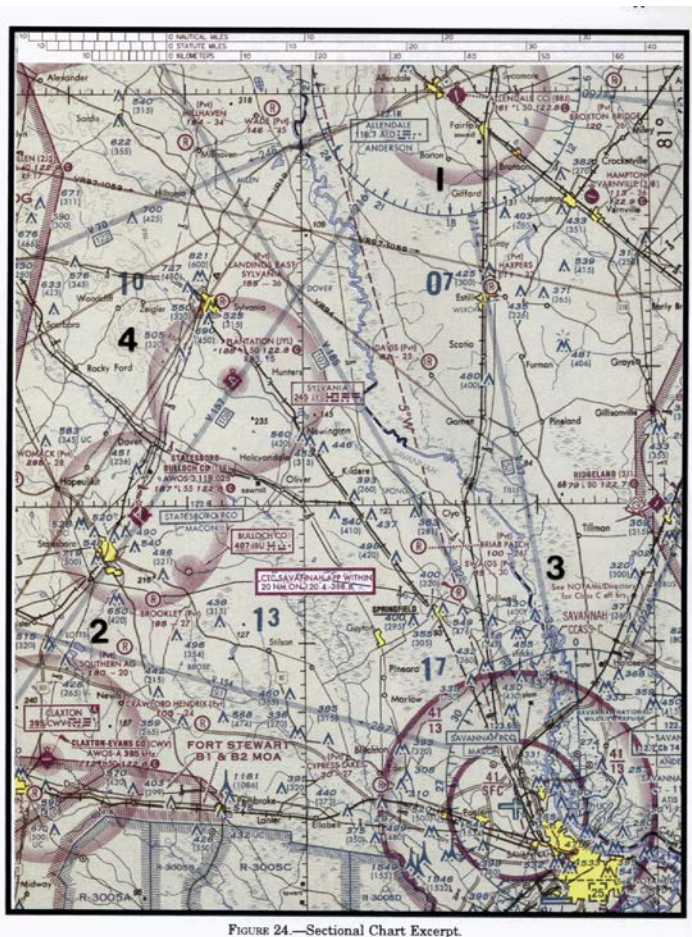
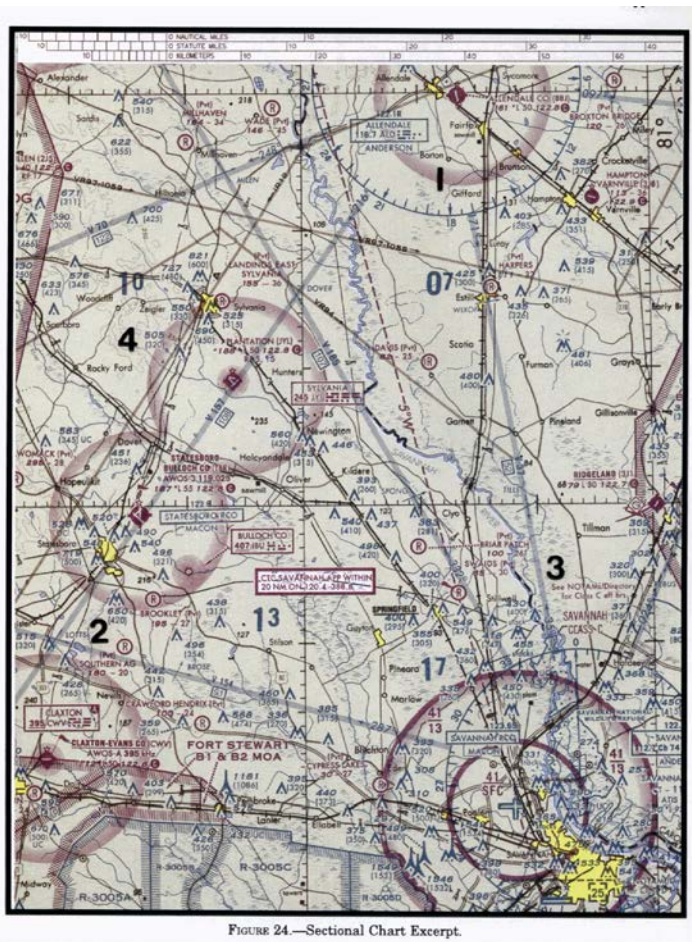


FIGURE 24.—Sectional Chart Excerpt.

原始題號:0015114 題組:2 難易度:中

- ( B ) 23. (Refer to Figure 4.) What is the estimated time en route for a flight from Claxton-Evans County Airport (area 2) to Hampton Varnville Airport (area 1)? The wind is from  $290^{\circ}$  at 18 knots and the true airspeed is 85 knots. Add 2 minutes for climb-out(如圖A56\_Fig4)
- (A)35 minutes. (B)39 minutes. (C)44 minutes.



原始題號:0015115 題組:3 難易度:中

- (C) 24. (Refer to Figure 4.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOR at 0935 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC? (如圖 A56\_Fig4)
- (A)1023. (B)1036. (C)1028.



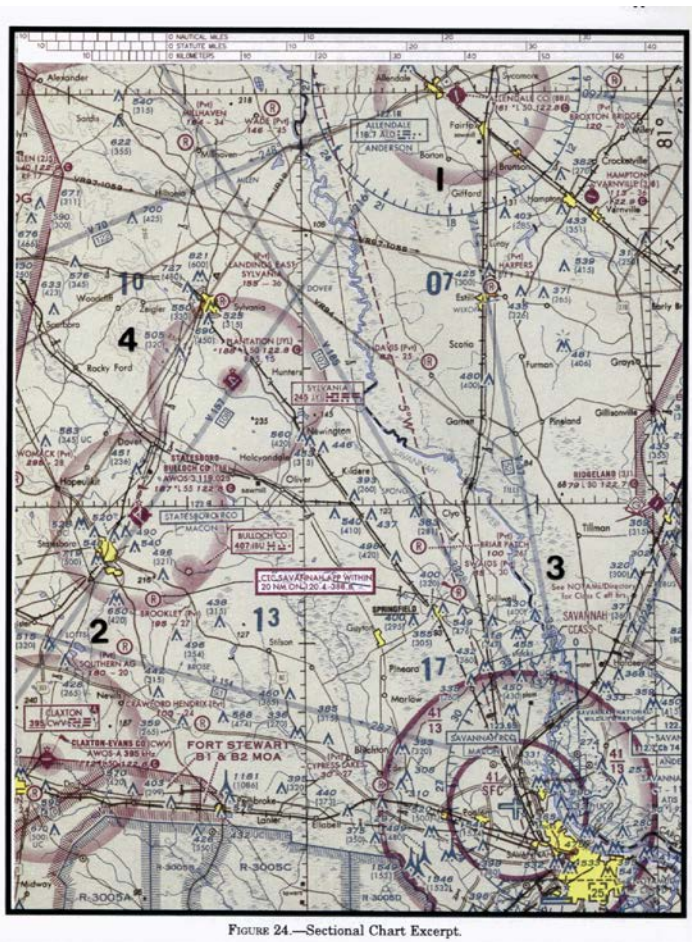


FIGURE 24.—Sectional Chart Excerpt.

原始題號:0015116 題組:4 難易度:中

- (A) 25. (Refer to Figure 4.) Determine the magnetic heading for a flight from Allendale County Airport (area 1) to Claxton-Evans County Airport (area 2). The wind is from 090° at 16 knots and the true airspeed is 90 knots. (如圖A56\_Fig4)
- (A) 208° (B) 230° (C) 212°



FIGURE 24.—Sectional Chart Excerpt.



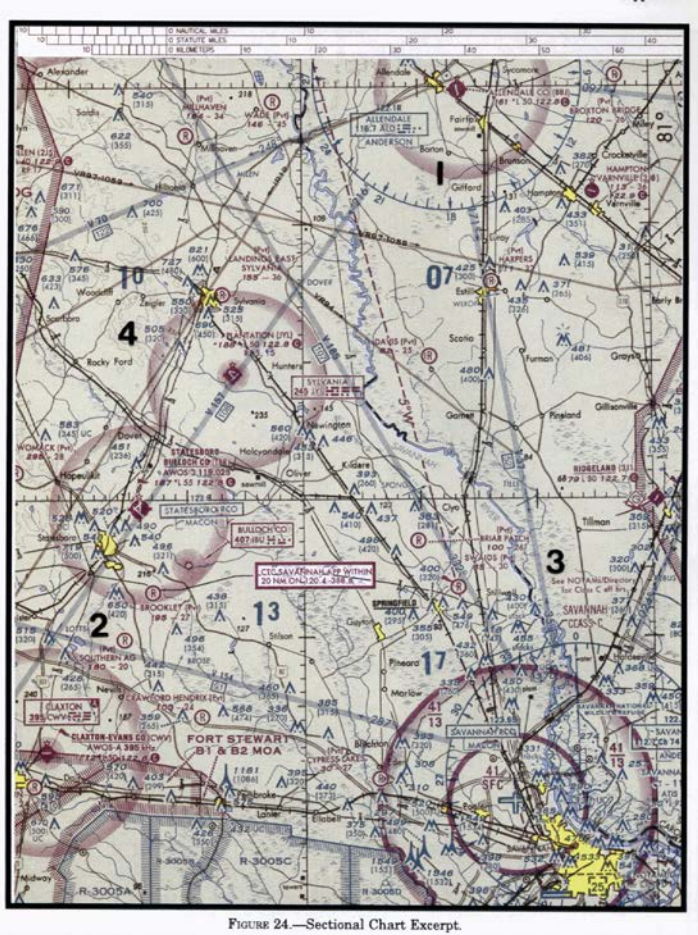
## (A56) CPL直昇機基本航行學

最近更新日期：無；更新題號：無

原始題號:0015117 題組:5 難易度:中

- (B) 26. (Refer to Figure 4.) On what course should the VOR receiver (OBS) be set to navigate direct from Hampton Vamville Airport (area 1) to Savannah VORTAC (area 3)? (如圖A56\_Fig4)  
(A) 003° (B) 183° (C) 200°

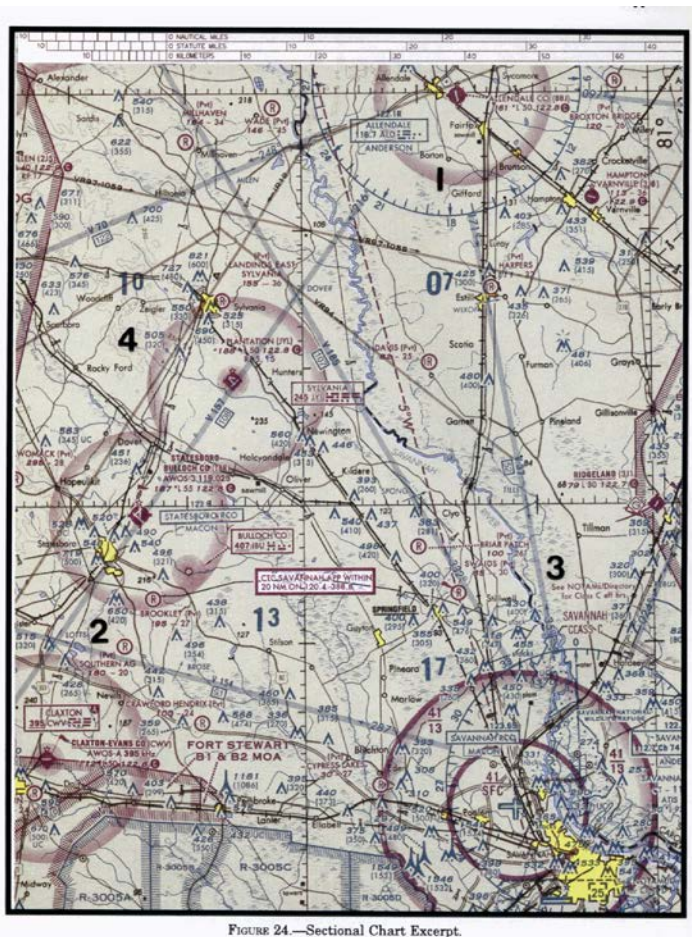
題目圖：



原始題號:0015118 題組:6 難易度:中

- (C) 27. (Refer to Figure 4, area 3.) What is the height of the lighted obstacle approximately 6 nautical miles southwest Savannah International?" (如圖A56\_Fig4)  
(A) 823 feet MSL. (B) "1,013 feet MSL." (C) "1,403 feet MSL."

題目圖：



原始題號:0015119 題組:7 難易度:中

- ( B ) 28. (Refer to Figure 4, area 3.) The top of the group obstruction approximately 11 nautical miles from the Savannah VORTAC on the 340° radial is" (如圖A56\_Fig4)
- (A)400 feet AGL. (B)455 feet MSL. (C)432 feet MSL.



題目圖：

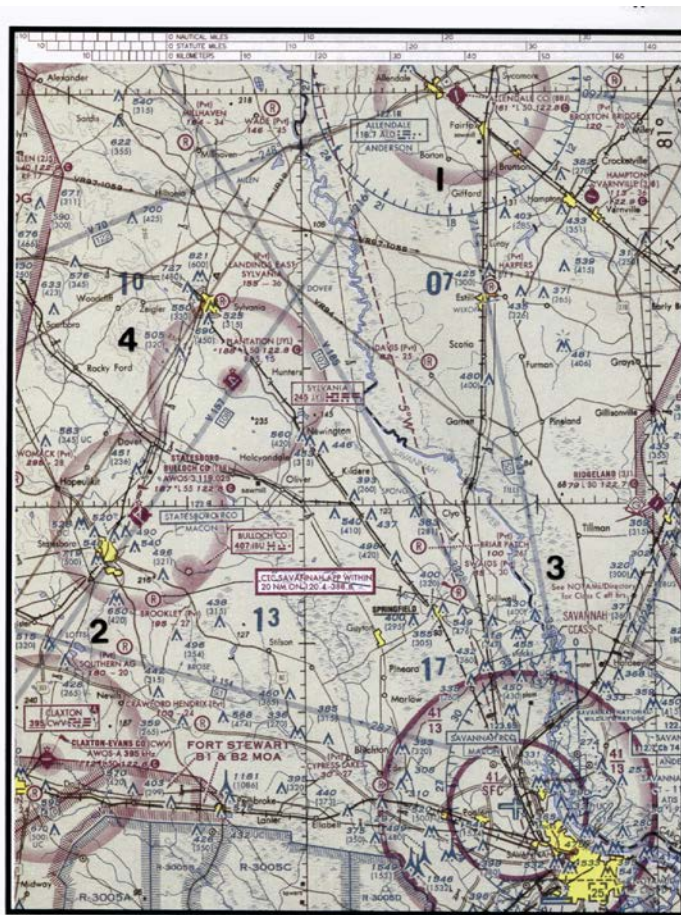


FIGURE 24.—Sectional Chart Excerpt.

原始題號:0015120 題組:1 難易度:中

- (A) 29. (Refer to Figure 5.) Determine the magnetic course from Airpark East Airport (area 1) to Winsboro Airport (area 2). Magnetic variation is  $6^{\circ}30' \text{ E}$ . (如圖 A56\_Fig5)
- (A)  $075^{\circ}$ . (B)  $082^{\circ}$ . (C)  $091^{\circ}$ .

題目圖：

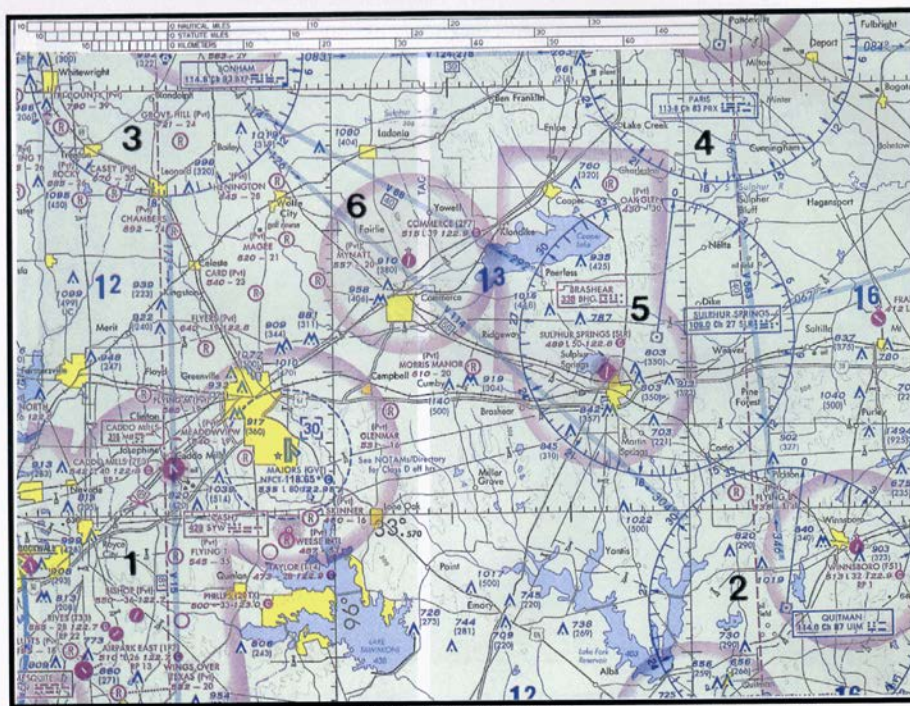


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015121 題組:2 難易度:中



- (B) 30. (Refer to Figure 5.) What is the approximate position of the aircraft if the VOR receivers indicate the 245° radial of Sulphur Springs VOR-DME (area 5) and the 140° radial of Bonham VORTAC (area 3)? (如圖A56\_Fig5)  
(A) Meadowview Airport. (B) Glenmar Airport. (C) Majors Airport.

題目圖：

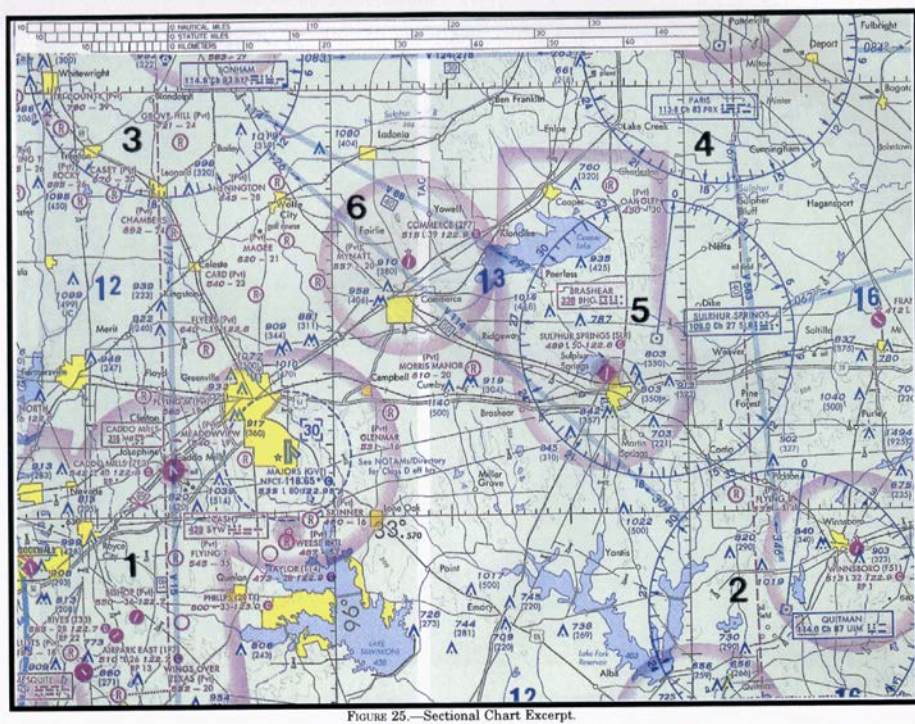


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015122 題組:3 難易度:中

- (A) 31. (Refer to Figure 5.) On what course should the VOR receiver (OBS) be set in order to navigate direct from Majors Airport (area 1) to Quitman VORTAC (area 2)? (如圖A56\_Fig5)  
(A) 101° (B) 108° (C) 281°

題目圖：

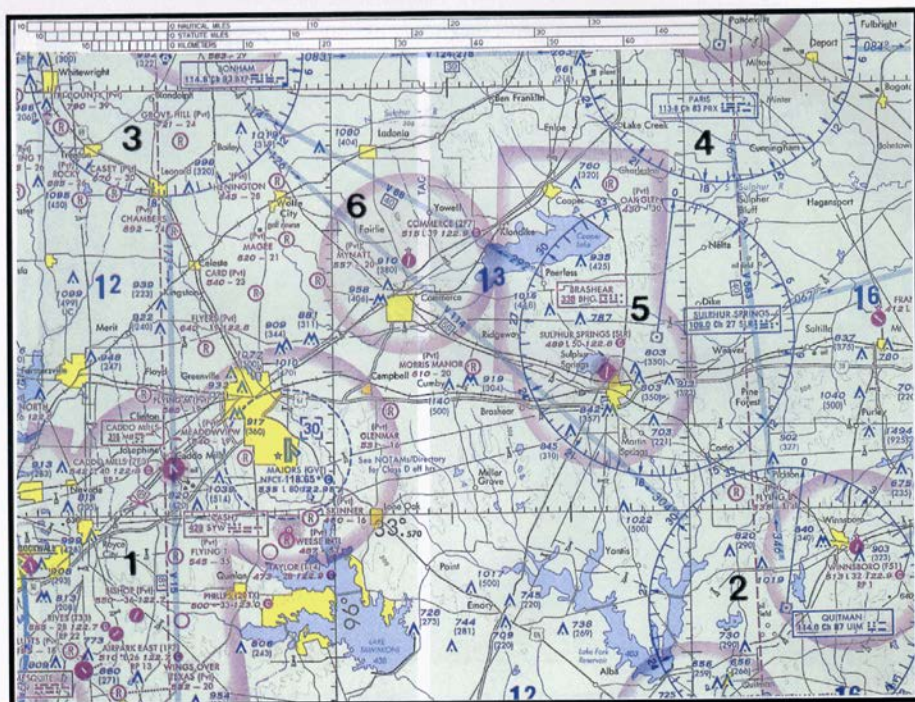


FIGURE 25.—Sectional Chart Excerpt.

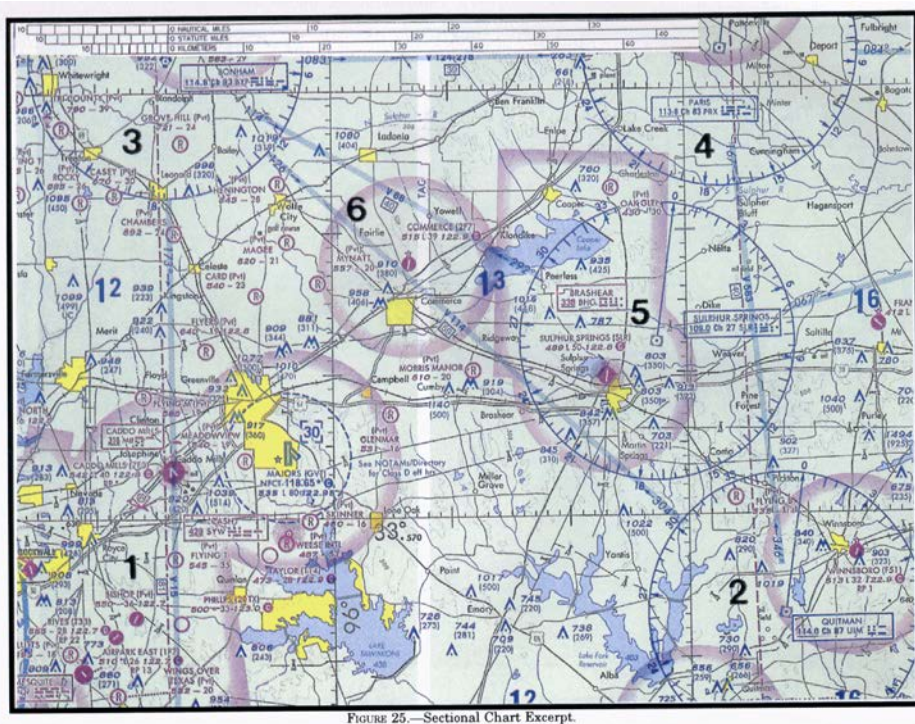
原始題號:0015123 題組:4 難易度:中



(B) 32. (Refer to Figure 5, area 1.) What minimum altitude is necessary to vertically clear the obstacle on the northeast side of Airpark East Airport by 500 feet?" (如圖A56\_Fig5)

(A)"1,100 feet MSL." (B)"1,273 feet MSL." (C)"1,283 feet MSL."

題目圖：

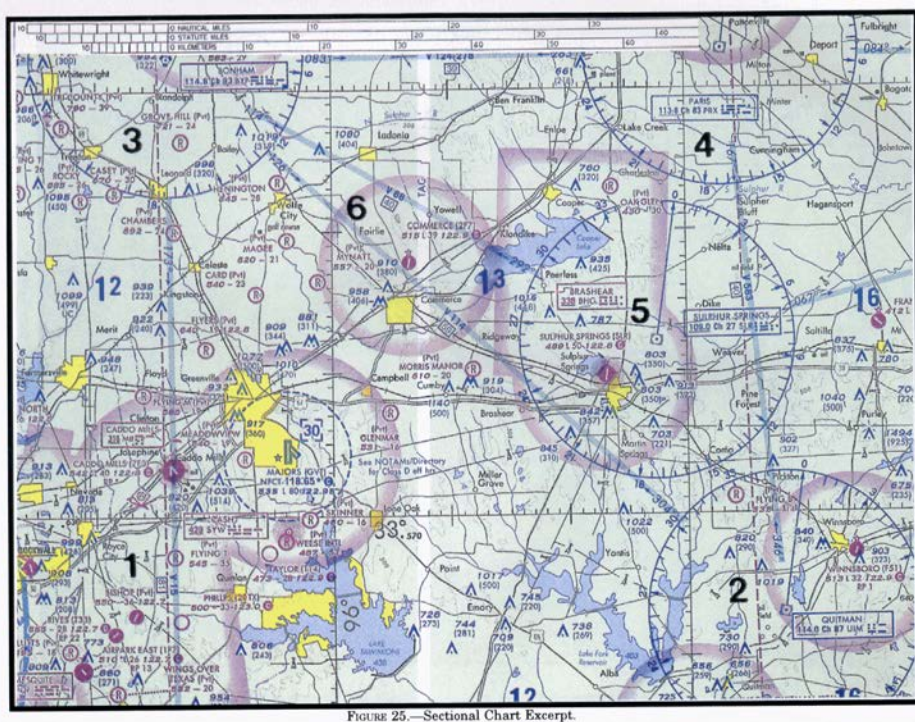


原始題號:0015124 題組:5 難易度:中

(C) 33. (Refer to Figure 5, area 2.) What minimum altitude is necessary to vertically clear the obstacle on the southeast side of Winnsboro Airport by 500 feet?" (如圖A56\_Fig5)

(A)823 feet MSL. (B)"1,013 feet MSL." (C)"1,403 feet MSL."

題目圖：



原始題號:0015125 題組:1 難易度:中



- ( B ) 34. (Refer to Figure 5.) The VOR is tuned to Bonham VORTAC (area 3), and the aircraft is positioned over the town of Sulphur Springs (area 5). Which VOR indication is correct?" (如圖A56\_Fig5)  
 (A)1. (B)7. (C)8.

題目圖：

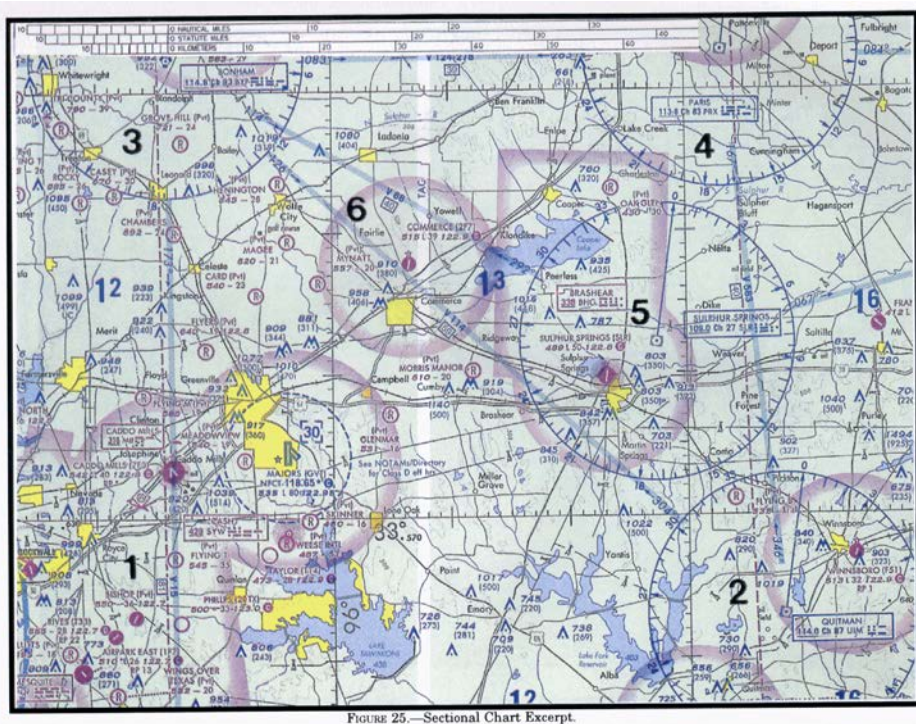


FIGURE 25.—Sectional Chart Excerpt.

原始題號:0015126 題組:1 難易度:中

- ( B ) 35. (Refer to Figure 6.) What is the estimated time en route for a flight from Denton Muni (area 1) to Addison (area 2)? The wind is from  $200^{\circ}$  at 20 knots, the true airspeed is 110 knots, and the magnetic variation is  $7^{\circ}$  east." (如圖A56\_Fig6)  
 (A)13 minutes. (B)16 minutes. (C)19 minutes.

題目圖：

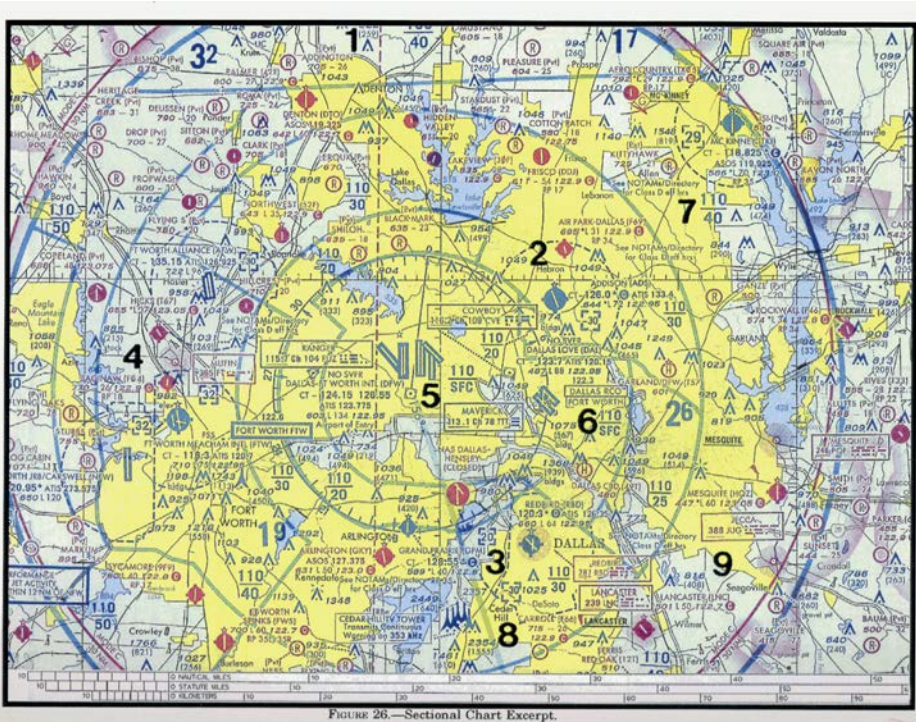


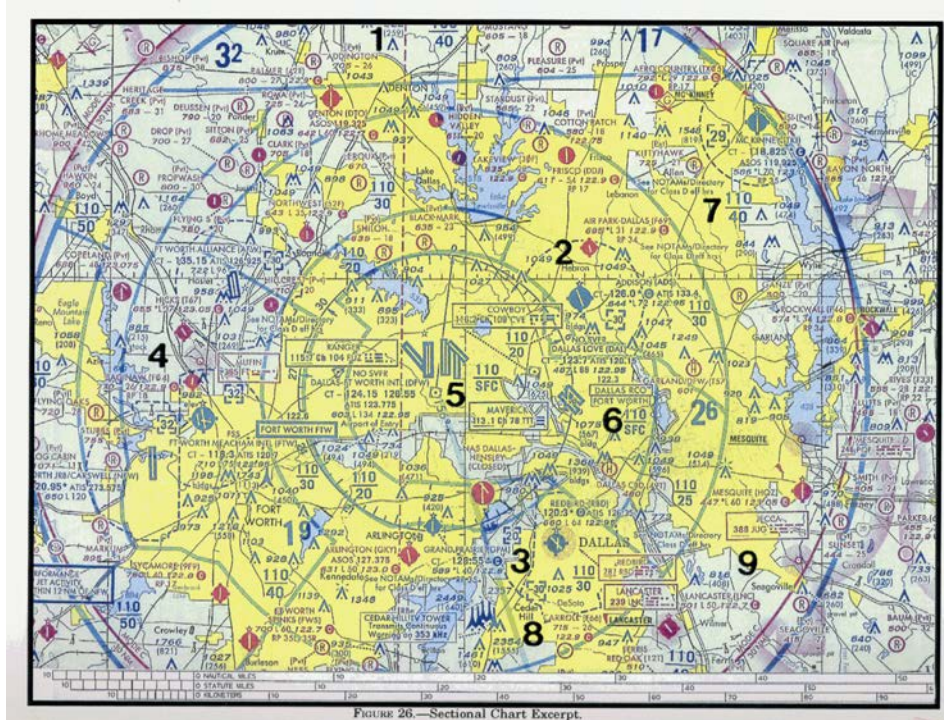
FIGURE 26.—Sectional Chart Excerpt.

原始題號:0015127 題組:2 難易度:中



- (A) 36. (Refer to Figure 6, area 5.) The VOR is tuned to the Dallas/ Fort Worth VORTAC. The omnibearing selector (OBS) is set on 253°, with a TO indication, and a right course deviation indicator (CDI) deflection. What is the aircraft's position from the VORTAC?" (如圖A56\_Fig6)
- (A) East-northeast. (B) North-northeast. (C) West-southwest.

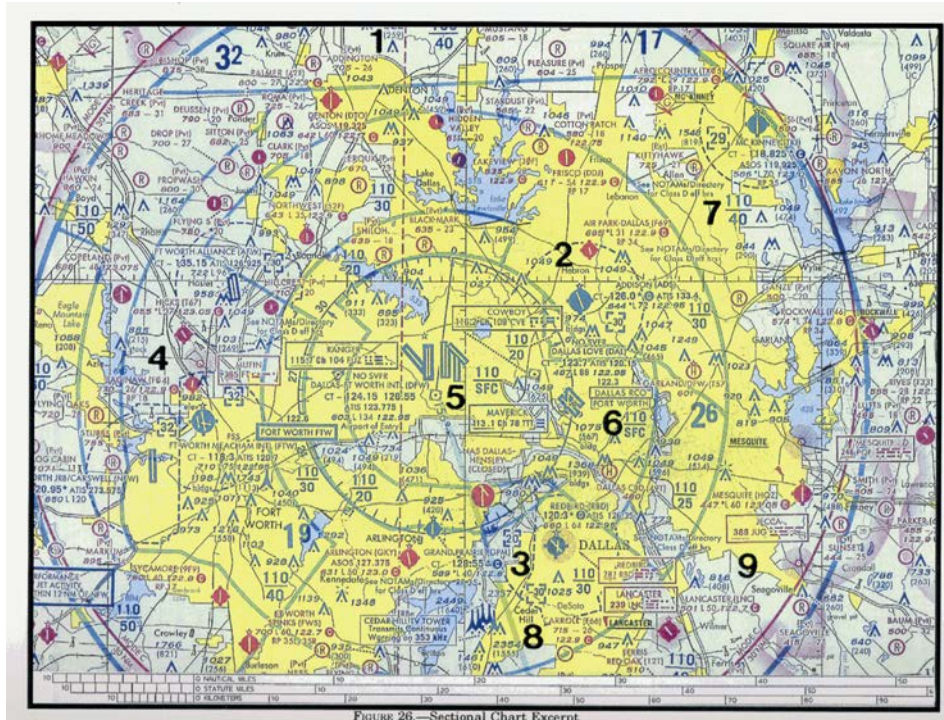
題目圖：



原始題號:0015128 題組:3 難易度:中

- (B) 37. (Refer to Figure 6, area 8.) What minimum altitude is required to fly over the Cedar Hill TV towers in the congested area south of NAS Dallas?" (如圖A56\_Fig6)
- (A)"2,555 feet MSL." (B)"3,449 feet MSL." (C)"3,349 feet MSL."

題目圖：



原始題號:0015129 題組:1 難易度:中



- (A) 38. (Refer to Figure 7.) Determine the magnetic course from Breckheimer (Pvt) Airport (area 1) to Jamestown Airport (area 4). (如圖A56\_Fig7)  
 (A)180°. (B)188°. (C)360°.

題目圖：

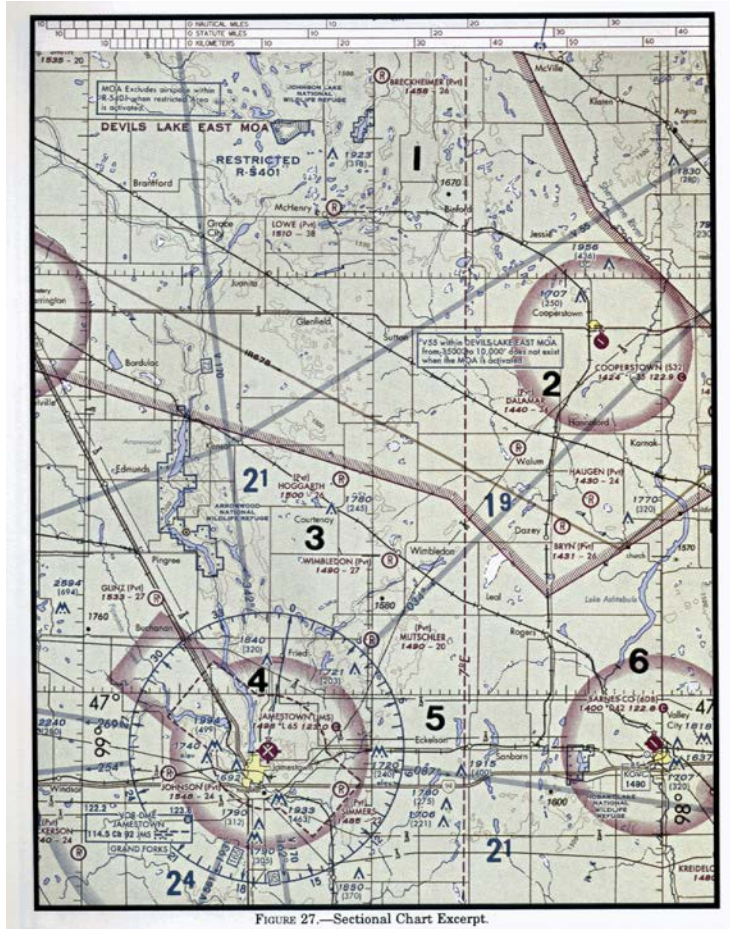


FIGURE 27.—Sectional Chart Excerpt.

原始題號:0015130 題組:2 難易度:中

- (A) 39. (Refer to Figure 7, area 2.) What is the approximate latitude and longitude of Cooperstown Airport?" (如圖A56\_Fig7)  
 (A)47°25' N - 98°06' W. (B)47°25' N - 99°54' W. (C)47°55' N - 98°06' W.



題目圖：

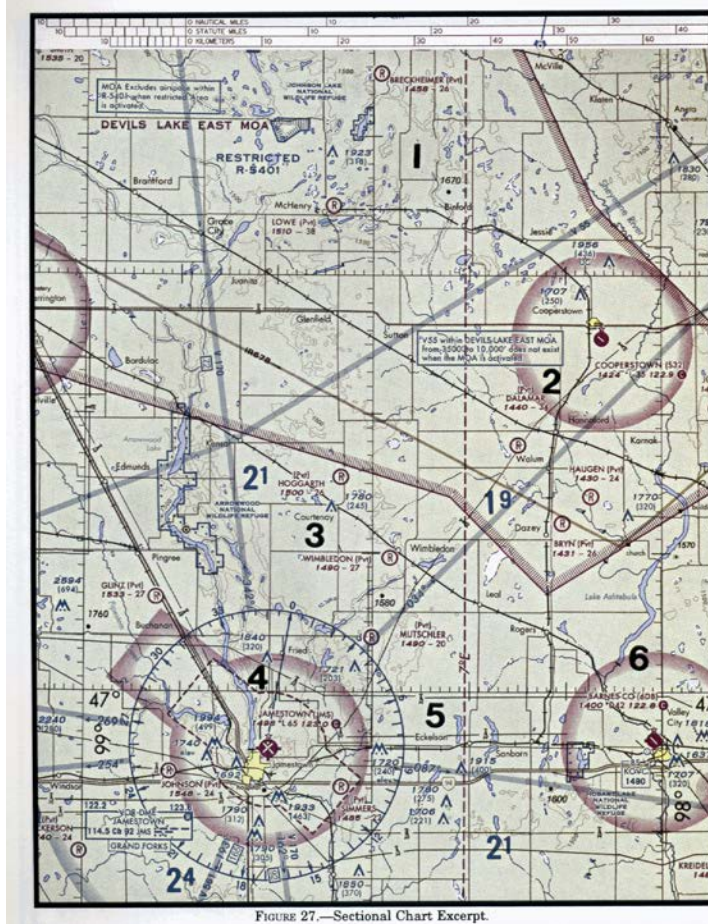


FIGURE 27.—Sectional Chart Excerpt.

原始題號:0015131 題組:1 難易度:中

- (B) 40. (Refer to Figure 7, area 4 and 3.) The VOR is tuned to Jamestown VOR, and the aircraft is positioned over Cooperstown Airport. Which VOR indication is correct?" (如圖A56\_Fig7)
- (A)1. (B)6. (C)4.

題目圖：

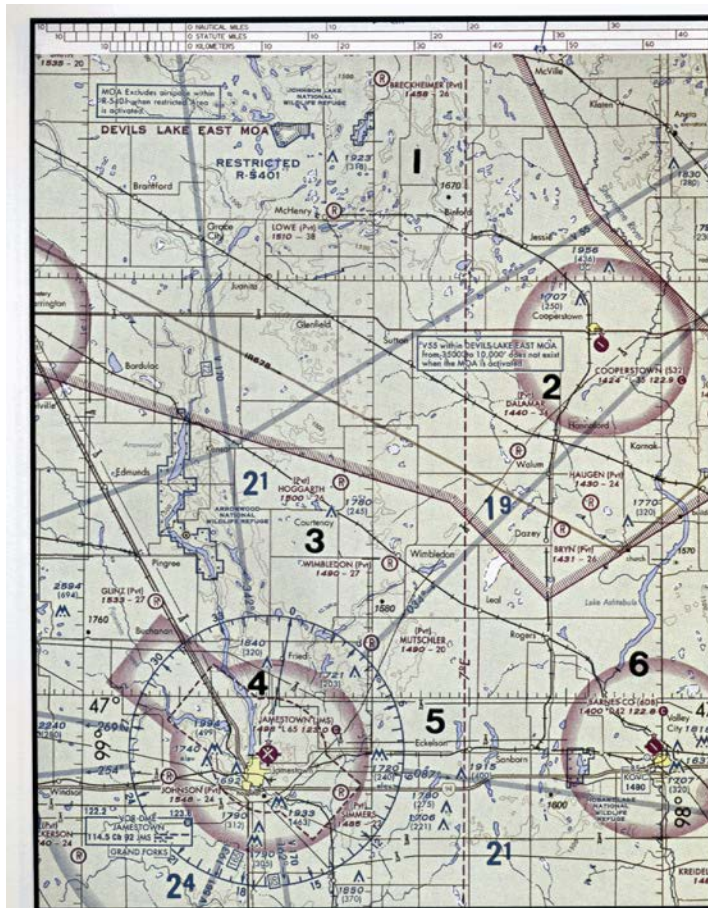


FIGURE 27.—Sectional Chart Excerpt.

原始題號:0015132 題組:1 難易度:中

- ( C ) 41. (Refer to Figure 9, illustration 1.) The VOR receiver has the indications shown. What is the aircraft's position relative to the station?" (如圖A56\_Fig9)  
(A)North. (B)East. (C)South.

題目圖：

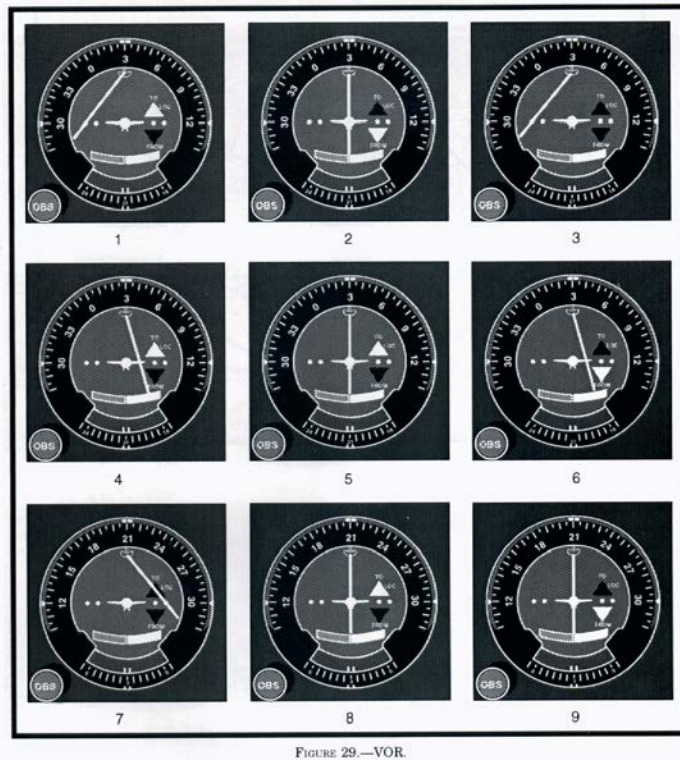


FIGURE 29.—VOR.

原始題號:0015133 題組:2 難易度:中

- ( B ) 42. (Refer to Figure 9, illustration 3.) The VOR receiver has the indications shown. What is the aircraft's position relative to the station?" (如圖A56\_Fig9)  
(A)East. (B)Southeast. (C)West.

題目圖：

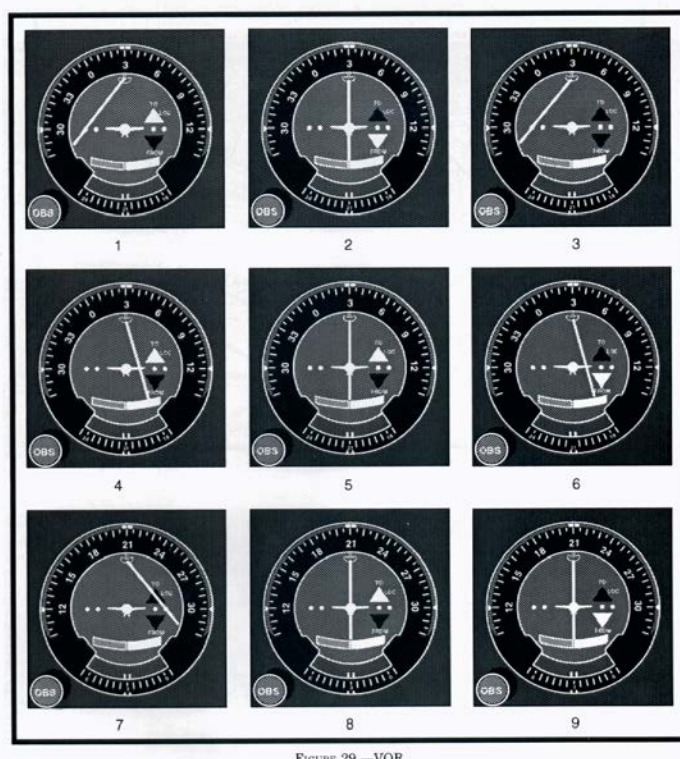


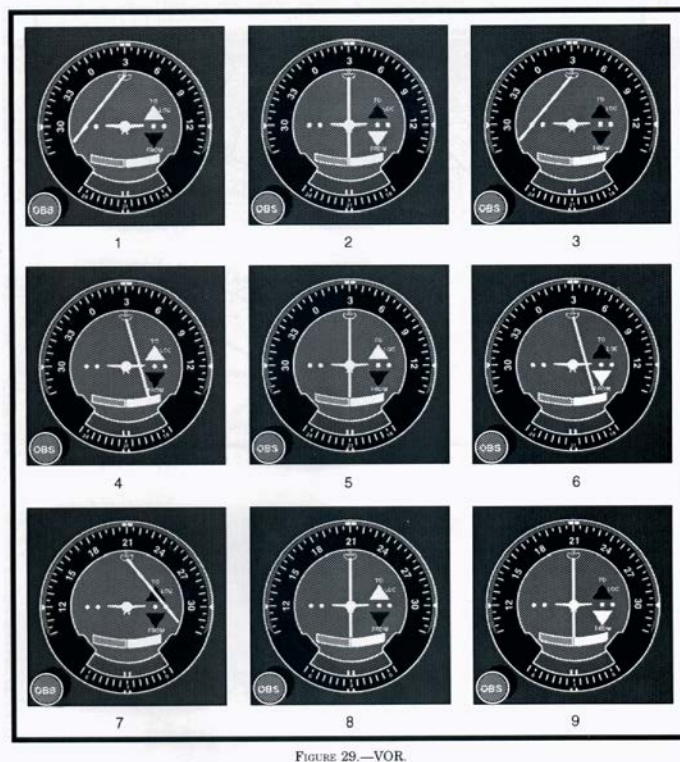
FIGURE 29.—VOR.



原始題號:0015134 題組:3 難易度:中

- (A) 43. (Refer to Figure 9, illustration 8.) The VOR receiver has the indications shown. What radial is the aircraft crossing?" (如圖A56\_Fig9)  
 (A) 030° (B) 210° (C) 300°

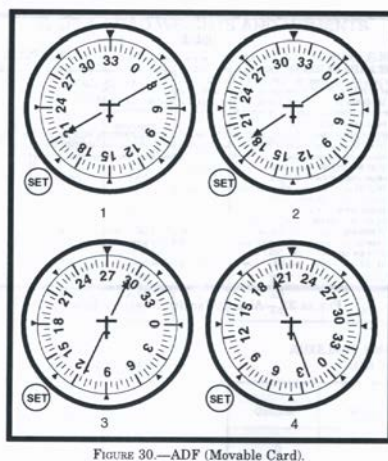
題目圖：



原始題號:0015135 題組:1 難易度:中

- (C) 44. (Refer to Figure 10, illustration 1.) Determine the magnetic bearing TO the station." (如圖A56\_Fig10)  
 (A) 030° (B) 180° (C) 210°

題目圖：



原始題號:0015136 題組:2 難易度:中

- (C) 45. (Refer to Figure 10, illustration 2.) What magnetic bearing should the pilot use to fly TO the station?" (如圖A56\_Fig10)  
 (A) 010° (B) 145° (C) 190°

題目圖：

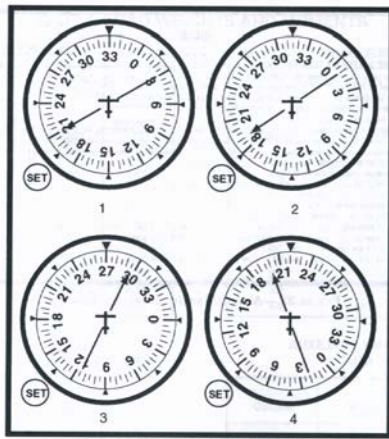


FIGURE 30.—ADF (Movable Card).

原始題號:0015137 題組:3 難易度:中

- ( C ) 46. (Refer to Figure 10, illustration 2.) Determine the approximate heading to intercept the 180° bearing TO the station." (如圖A56\_Fig10)  
(A)040° (B)160° (C)220°

題目圖：

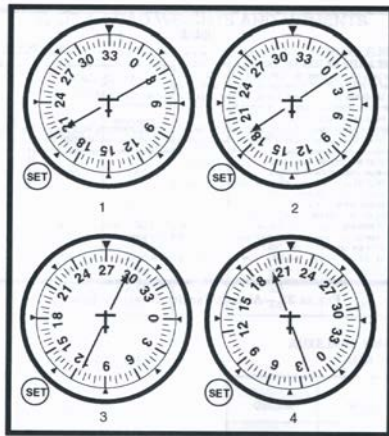


FIGURE 30.—ADF (Movable Card).

原始題號:0015138 題組:4 難易度:中

- ( B ) 47. (Refer to Figure 10, illustration 3.) What is the magnetic bearing FROM the station?" (如圖A56\_Fig10)  
(A)025° (B)115° (C)295°

題目圖：

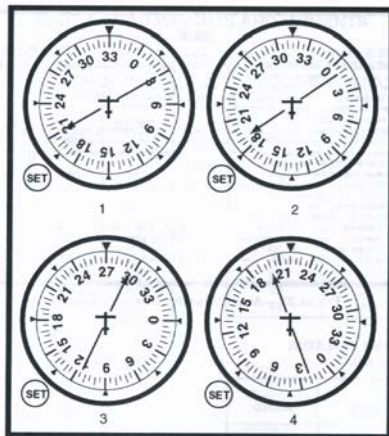


FIGURE 30.—ADF (Movable Card).

原始題號:0015139 題組:1 難易度:中

- ( B ) 48. (Refer to Figure 6, area 7.) The airspace overlying McKinney (TKI) is controlled from the surface to(如圖A56\_Fig6)  
(A)700 feet AGL. (B)"2,900 feet MSL." (C)"2,500 feet MSL."



題目圖：

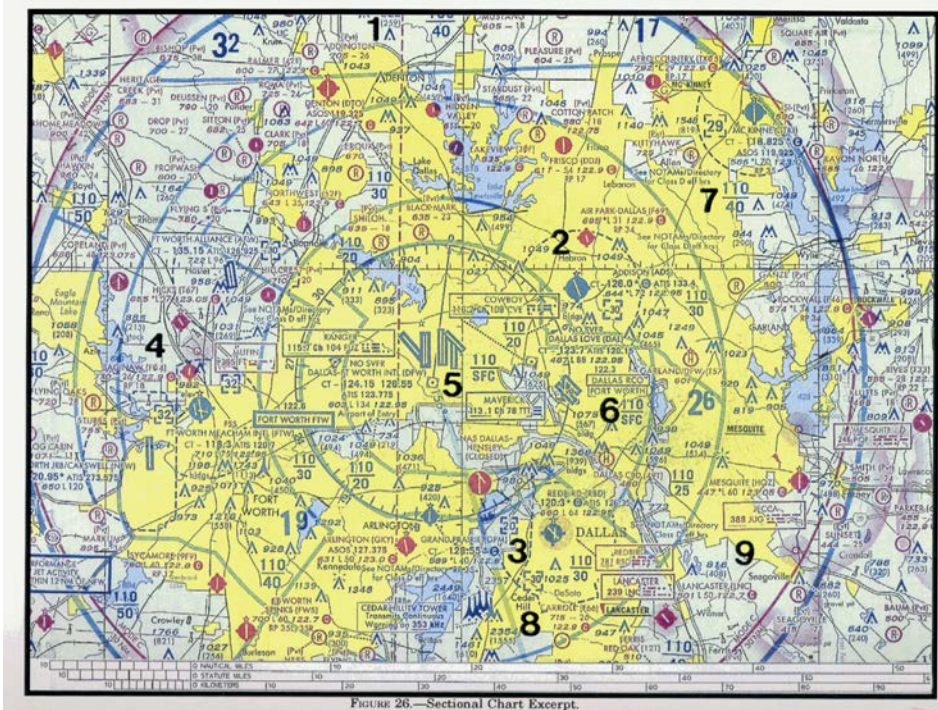


FIGURE 26.—Sectional Chart Excerpt.

原始題號:0015140 題組:1 難易度:中

- (C) 49. (Refer to Figure 13, point 1) The floor of the Class E airspace above Georgetown Airport (Q61) is at" (如圖A56\_Fig13)  
(A)the surface. (B)700 feet AGL. (C)"3,823 feet MSL."

題目圖：



FIGURE 61.—Sectional Chart Excerpt



原始題號:0015141 題組:2 難易度:中

- (A) 50. (Refer to Figure 13) Departure point-Georgetown Airport (Q61), Departure time-0637, Wind aloft forecast (FD) at your altitude-1008, Airspeed-8kts. At 0755, the aircraft should be (如圖A56\_Fig13)
- (A) over Auburn Airport (AUN). (B) over the town of Auburn. (C) slightly west of the town of Gargen Valley.

題目圖：

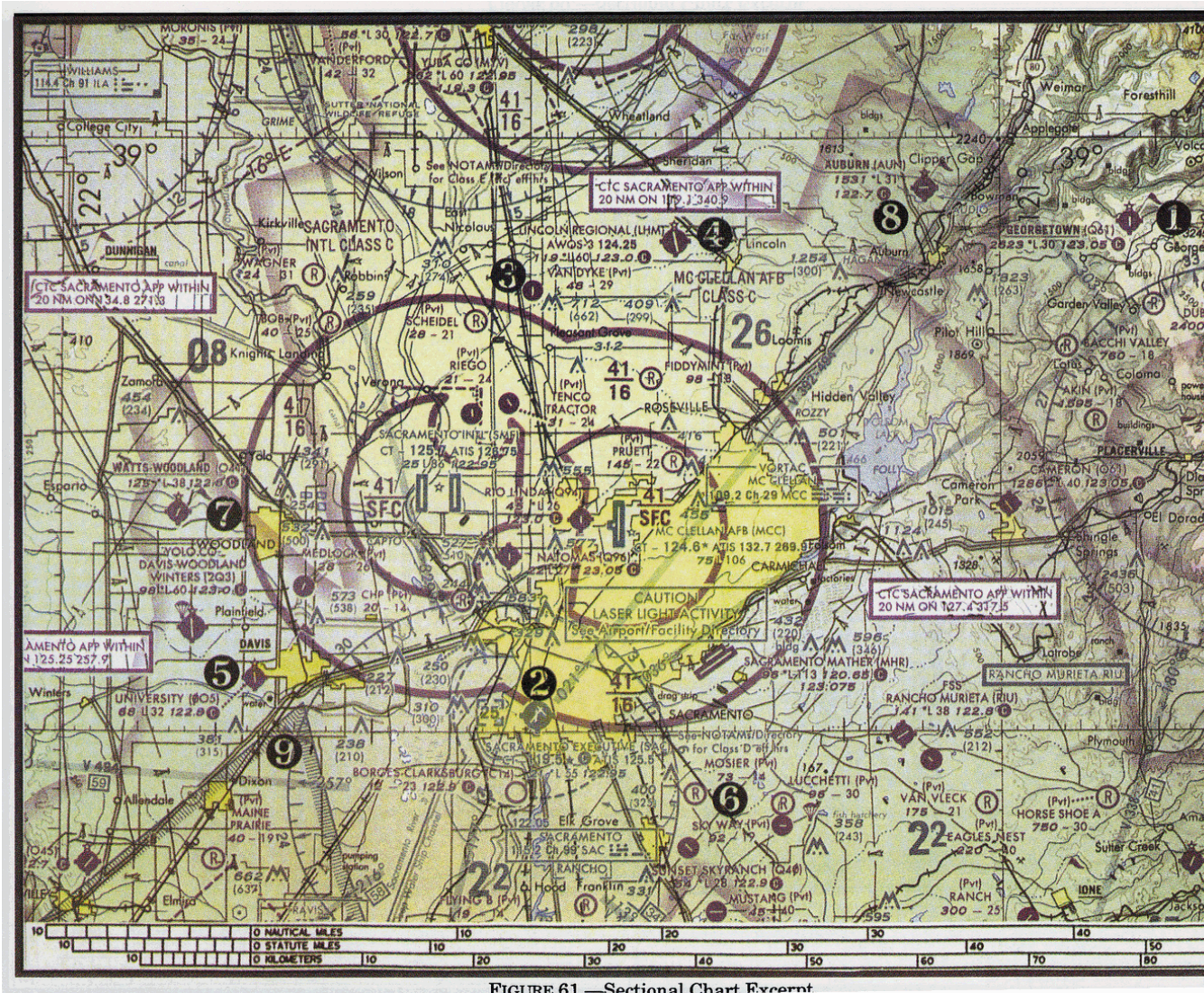


FIGURE 61.—Sectional Chart Excerpt

原始題號:0015142 題組:3 難易度:中

- (C) 51. (Refer to Figure 13, point 6) Mosier Airport is" (如圖A56\_Fig13)
- (A) an airport restricted to use by private and recreational pilots. (B) a restricted military stage field within restricted airspace. (C) a nonpublic use airport.



題目圖：



FIGURE 61.—Sectional Chart Excerpt

原始題號:0015143 題組:1 難易度:中

- (A) 52. (Refer to Figure 15.) If the wind is as shown by the landing direction indicator, the pilot should land on" (如圖A56\_Fig15)
- (A) Runway 18 and expect a crosswind from the right. (B) Runway 22 directly into the wind. (C) Runway 36 and expect a crosswind from the right.

題目圖：

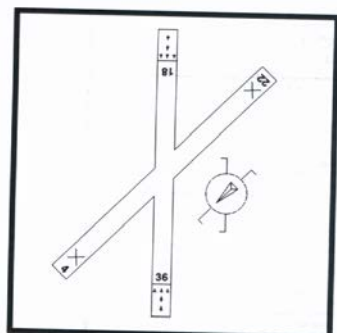


FIGURE 50.—Airport Diagram.

原始題號:0015144 題組:2 難易度:中

- (C) 53. (Refer to Figure 15.) The arrows that appear on the end of the north/south runway indicate that the area (如圖A56\_Fig15)
- (A) may be used only for taxiing. (B) "is usable for taxiing, takeoff, and landing." (C) "cannot be used for landing, but may be used for taxiing and takeoff."

題目圖：

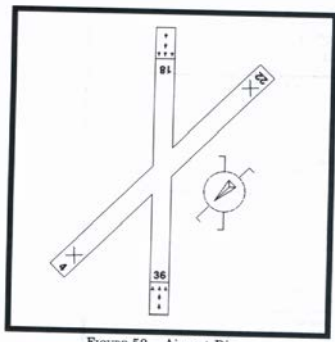


FIGURE 50.—Airport Diagram.

原始題號:0015145 題組:1 難易度:中

- ( C ) 54. (Refer to Figure 15.) Which runway and traffic pattern should be used as indicated by the wind cone in the segmented circle?(如圖A56\_Fig15)  
(A)Right-hand traffic on Runway 9. (B)Right-hand traffic on Runway 18.  
(C)Left-hand traffic on Runway 36.

題目圖：

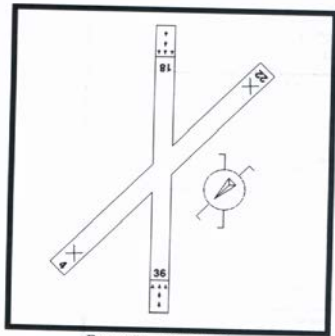


FIGURE 50.—Airport Diagram.

原始題號:0015146 題組:0 難易度:易

- ( A ) 55. "During VFR navigation without radio instruments, heading and groundspeed, as calculated by dead reckoning, should be constantly monitored and corrected by "  
(A)pilotage as observed from checkpoints. (B)the wind triangle. (C)wet compass and the groundspeed indicator.

原始題號:0015147 題組:0 難易度:易

- ( A ) 56. "For cross-country flights over land, navigation without radio instruments is usually accomplished using dead reckoning and"  
(A)pilotage. (B)the wind triangle. (C)compass heading.

原始題號:0015148 題組:0 難易度:易

- ( C ) 57. True course measurements on a Sectional Aeronautical Chart should be made at a meridian near the midpoint of the course because the  
(A)values of isogonic lines change from point to point. (B)angles formed by isogonic lines and lines of latitude vary from point to point. (C)angles formed by lines of longitude and the course line vary from point to point.

原始題號:0015149 題組:0 難易度:易



- ( C ) 58. Which is true concerning the blue and magenta colors used to depict airports on Sectional Aeronautical Charts?  
(A)"Airports with control towers underlying Class A, B, and C airspace are shown in blue, Class D and E airspace are magenta." (B)"Airports with control towers underlying Class C, D, and E airspace are shown in magenta." (C)"Airports with control towers underlying Class B, C, D, and E airspace are shown in blue."

原始題號:0015150 題組:0 難易度:易

- ( C ) 59. Which is true concerning the colors used to depict airports on Sectional Aeronautical Charts?  
(A)"Airports with control towers underlying Class D, and E airspace are magenta." (B)Airports with control towers are shown in magenta. (C)Airports with control towers are shown in blue.

原始題號:0015151 題組:0 難易度:易

- ( C ) 60. "Using pilotage, a pilot can keep from drifting too far off course by"  
(A)flying the flight plan heading. (B)flight a flight plan. (C)referring to selected features or checkpoints.

原始題號:0015152 題組:0 難易度:易

- ( A ) 61. "Heading and groundspeed are calculated using dead reckoning procedures. In flight, they are constantly monitored and corrected by"  
(A)pilotage as observed from checkpoints. (B)the wind triangle. (C)the wet compass and the groundspeed indicator.

原始題號:0015153 題組:0 難易度:易

- ( B ) 62. "When converting from true course to magnetic heading, a pilot should"  
(A)subtract easterly variation and right wind correction angle. (B)add westerly variation and subtract left wind correction angle. (C)subtract westerly variation and add right wind correction angle.

原始題號:0015154 題組:0 難易度:易

- ( A ) 63. The course measured on a sectional chart by reference to a meridian is known as the  
(A>true course. (B)magnetic course. (C>true heading.

原始題號:0015155 題組:0 難易度:易

- ( B ) 64. "If proper correction has been made for the wind, ground track will be identical with"  
(A)drift angle. (B)course. (C)heading.

原始題號:0015156 題組:0 難易度:易

- ( A ) 65. Motion of the air affects the speed with which aircraft move  
(A)over the Earth's surface. (B)through the air. (C)in a turn.

原始題號:0015157 題組:0 難易度:易

- ( A ) 66. "If a flight is to be made on a course to the east, with a wind blowing from northeast, the aircraft must be headed"  
(A)somewhat to the north of east to counteract drift. (B)south of east to counteract drift. (C)north to counteract torque.

原始題號:0015158 題組:0 難易度:易

- ( B ) 67. "If an aircraft is consuming 3 gallons of fuel per hour at a cruising altitude of 500 feet and the groundspeed is 45 mph, how much fuel is required to travel 75 SM?"  
(A)6 gallons. (B)5 gallons. (C)3 gallons.

原始題號:0015159 題組:0 難易度:易

- ( A ) 68. To find the distance flown in a given time. Multiply time by  
(A)groundspeed. (B)indicated airspeed. (C)equivalent airspeed.

原始題號:0015160 題組:0 難易度:易

- ( B ) 69. "Given: True Course-050, True Heading-040, True airspeed-75kts, Groundspeed-65kts. Determine the wind direction and speed."  
(A)105°; and 16 knots (B)355°; and 16 knots (C)355°; and 10 knots

原始題號:0015161 題組:0 難易度:易

- ( C ) 70. Why should you file a VFR flight plan with FSS?  
(A)You are required to do so when flying beyond 25 NM from an airport. (B)To provide traffic reports with Flight Service. (C)To provide search and rescue in the event of an emergency.

原始題號:0015162 題組:0 難易度:易

- ( C ) 71. Which is the correct traffic pattern departure procedure to use at a no controlled airport?  
(A)"Departure in any direction consistent with safety, after crossing the airport boundary." (B)Make all turns to the left. (C)Comply with any FAA traffic pattern established for the airport.

原始題號:0015163 題組:0 難易度:易

- ( C ) 72. "When approaching to land at an airport in Class G airspace that does not have light signals or other visual markings, an airplane pilot must make"  
(A)a straight-in approach. (B)all turns to the right. (C)all turns to the left.

原始題號:0015164 題組:0 難易度:易

- ( B ) 73. "When approaching to land at an airport, without an operating control tower, in Class G airspace, the pilot should"  
(A)enter and fly a traffic pattern at 800 feet AGL. (B)"make all turns to the left, unless otherwise indicated." (C)fly a left-hand traffic pattern at 800 feet AGL.

原始題號:0015165 題組:0 難易度:易



- ( A ) 74. Entries into traffic patterns while descending create specific collision hazards and  
(A)should be avoided. (B)should be used whenever possible. (C)are illegal.

原始題號:0015166 題組:0 難易度:易

- ( A ) 75. Which publication contains an explanation of airport signs and markings?  
(A)Aeronautical Information Manual (AIM). (B)Advisory Circulars (AC).  
(C)Advisory Facility Directory (A/FD).

原始題號:0015167 題組:0 難易度:易

- ( B ) 76. The numbers 35 and 17 on a runway indicate that the runway is oriented approximately  
(A)035°; and 017°; magnetic heading. (B)305°; and 170°; magnetic heading. (C)350°; and 170°; true heading.

原始題號:0015168 題組:0 難易度:易

- ( A ) 77. What is the purpose for the runway hold position marking on the taxiway?  
(A)Holds aircraft short of the runway. (B)Allows an aircraft permission onto the runway. (C)Identifies area where aircraft are prohibited.

原始題號:0015169 題組:0 難易度:易

- ( B ) 78. Holding position signs have  
(A)red inscriptions on white background. (B)white inscriptions on red background. (C)yellow inscriptions on red background.

原始題號:0015170 題組:0 難易度:易

- ( A ) 79. Runway hold position' marking on the taxiway  
(A)identifies where aircraft hold short of the runway. (B)identifies an area where aircraft are prohibited. (C)allows an aircraft permission onto the runway.

原始題號:0015171 題組:0 難易度:易

- ( A ) 80. "The ""taxiway ending"" marker"  
(A)indicates taxiway does not continue. (B)identifies area where aircraft are prohibited. (C)provides general taxiing direction to named taxiway.

原始題號:0015172 題組:0 難易度:易

- ( A ) 81. What is the purpose of No Entry sign?  
(A)Identifies paved area where aircraft are prohibited from entering.  
(B)Identifies area that does not continue beyond intersection. (C)Identifies the exit boundary for the runway protected area.

原始題號:0015173 題組:0 難易度:易

- ( B ) 82. An airport's rotating beacon operated during daylight hours often indicates  
(A) there are obstructions on the airport. (B) "the ground visibility is less than 3 miles and/or the ceiling is less than 1,000 feet." (C) the Air Traffic Control tower is not in operation.

原始題號:0015174 題組:0 難易度:易

- ( C ) 83. A below glide slope indication from a pulsating visual approach slope indicator is a  
(A) pulsating white light. (B) steady white light. (C) pulsating red light.

原始題號:0015175 題組:0 難易度:易

- ( C ) 84. No person may operate an aircraft in formation flight  
(A) over a densely populated area. (B) in Class D airspace. (C) except by prior arrangement with the pilot in command of each aircraft.

原始題號:0015176 題組:0 難易度:易

- ( B ) 85. Which aircraft has the right-of-way over all other air traffic?  
(A) A balloon. (B) An aircraft in distress. (C) An aircraft on final approach to land.

原始題號:0015177 題組:0 難易度:易

- ( B ) 86. "What action is required when two aircraft of the same category converge, but not head-on?"  
(A) The faster aircraft shall give way. (B) The aircraft on the left shall give way. (C) Each aircraft shall give way to the right.

原始題號:0015178 題組:0 難易度:易

- ( A ) 87. "Except when necessary for takeoff or landing, what is the minimum safe altitude for a pilot to operate an aircraft anywhere?"  
(A) "An altitude allowing, if a power unit fails, an emergency landing without undue hazard to persons or property on the surface." (B) "An altitude of 500 feet above the surface and no closer than 500 feet to any person, vessel, vehicle, or structure." (C) "An altitude of 500 feet above the highest obstacle within a horizontal radius of 1,000 feet"

原始題號:0015179 題組:0 難易度:易

- ( A ) 88. "What is meant by the term "dew point"?"  
(A) The temperature at which air must be cooled to become saturated. (B) The temperature at which condensation and evaporation are equal. (C) The temperature which causes precipitation.

原始題號:0015180 題組:0 難易度:易

- ( B ) 89. "The suffix 'nimbus,' used in naming clouds, means"  
(A) a cloud with extensive vertical development. (B) a rain cloud. (C) a middle cloud containing ice pellets.

原始題號:0015181 題組:0 難易度:易



- ( A ) 90. One of the most dangerous features of mountain waves is the turbulent areas in and  
(A)below rotor clouds. (B)above rotor clouds. (C)below lenticular clouds.

原始題號:0015182 題組:0 難易度:易

- ( C ) 91. What cloud types would indicate convective turbulence?  
(A)Cirrus clouds. (B)Nimbostratus clouds. (C)Towering cumulus clouds.

原始題號:0015183 題組:0 難易度:易

- ( A ) 92. Thunderstorms which generally produce the most intense hazard to aircraft are  
(A)squall line thunderstorms. (B)air mass thunderstorms. (C)warm front thunderstorms.

原始題號:0015184 題組:0 難易度:易

- ( A ) 93. What conditions are necessary for the formation of thunderstorms?  
(A)"High humidity, lifting force, and unstable conditions." (B)"High humidity, high temperature, and cumulus clouds." (C)"Lifting force, moist air, and extensive cloud cover."

原始題號:0015185 題組:0 難易度:易

- ( A ) 94. Thunderstorms reach their greatest intensity during the  
(A)mature stage. (B)downdraft stage. (C)cumulus stage.

原始題號:0015186 題組:0 難易度:易

- ( C ) 95. Where does wind shear occur?  
(A)Only at higher altitudes. (B)Only at lower altitudes. (C)"At all altitudes, in all directions."

原始題號:0015187 題組:0 難易度:易

- ( A ) 96. "If a temperature inversion is encountered immediately after takeoff or during an approach to a landing, a potential hazard exists due to"  
(A)wind shear. (B)strong surface winds. (C)strong convective currents.

原始題號:0015188 題組:0 難易度:易

- ( C ) 97. Filling the fuel tanks after the last flight of the day is considered a good operating procedure because this will  
(A)force any existing water to the top of the tank away from the fuel lines to the engine. (B)prevent expansion of the fuel by eliminating airspace in the tanks  
(C)prevent moisture condensation by eliminating airspace in the tanks.

原始題號:0015189 題組:0 難易度:易

- ( A ) 98. Most midair collision accidents occur during  
(A)clear days. (B)hazy days. (C)cloudy nights.

原始題號:0015190 題組:0 難易度:易

- ( C ) 99. How can you determine if another aircraft is on a collision course with your aircraft?  
(A)The other aircraft will always appear to get larger and closer at a rapid rate. (B)The nose of each aircraft is pointed at the same point in space. (C)There will be no apparent relative motion between your aircraft and other aircraft.

原始題號:0015191 題組:0 難易度:易

- ( A ) 100. Pilots who become apprehensive for their safety for any reason should  
(A)request assistance immediately. (B)reduce their situational awareness.  
(C)change their mindset.

原始題號:0015192 題組:0 難易度:易

- ( B ) 101. "Prior to starting each maneuver, pilots should"  
(A)"check altitude, airspeed, and heading." (B)visually scan the entire area for collision avoidance. (C)announce their intentions on the nearest CTAF.

原始題號:0015193 題組:0 難易度:易

- ( C ) 102. "To scan properly for traffic, a pilot should"  
(A)slowly sweep the field of vision from one side to the other at intervals.  
(B)concentrate on any peripheral movement detected. (C)"use a series of short, regularly spaced eye movements that bring successive areas of the sky into the central visual field."

原始題號:0015194 題組:0 難易度:易

- ( B ) 103. The most effective method of scanning for other aircraft for collision avoidance during daylight hours is to use  
(A)"regularly spaced concentration on the 3-, 9-, and 12-o'clock positions."  
(B)"a series of short, regularly spaced eye movements to search each 10-degree sector." (C)peripheral vision by scanning small sectors and utilizing off-center viewing.

原始題號:0015195 題組:0 難易度:易

- ( A ) 104. "Guy wires, which support antenna towers, can extend horizontally; therefore, the towers should be avoided horizontally by at least"  
(A)"2,000 feet horizontally." (B)300 feet horizontally. (C)"1,000 feet horizontally."

原始題號:0015196 題組:0 難易度:易

- ( C ) 105. What wind condition prolongs the hazards of wake turbulence on a landing runway for the longest period of time?  
(A)Light quartering headwind. (B)Direct tailwind. (C)Light quartering tailwind.

原始題號:0015197 題組:0 難易度:易



- ( A ) 106. "When landing behind a large aircraft, the pilot should avoid wake turbulence by staying"  
(A)above the large aircraft's final approach path and landing beyond the large aircraft's touchdown point. (B)below the large aircraft's final approach path and landing before the large aircraft's touchdown point. (C)above the large aircraft's final approach path and landing before the large aircraft's touchdown point.

原始題號:0015198 題組:0 難易度:易

- ( A ) 107. Wingtip vortices created by large aircraft tend to  
(A)sink below the aircraft generating turbulence. (B)rise into the traffic pattern. (C)rise into the takeoff or landing path of a crossing runway.

原始題號:0015199 題組:0 難易度:易

- ( C ) 108. Wingtip vortices are created only when an aircraft is  
(A)operating at high airspeeds. (B)heavily loaded. (C)developing lift.

原始題號:0015200 題組:0 難易度:易

- ( C ) 109. The greatest vortex strength occurs when the generating aircraft is  
(A)"light, dirty, and fast." (B)"heavy, dirty, and fast." (C)"heavy, clean, and slow."

原始題號:0015201 題組:0 難易度:易

- ( B ) 110. Which statement about longitude and latitude is true?  
(A)Lines of longitude are parallel to the Equator. (B)Lines of longitude cross the Equator at right angles. (C)"The 0° line of latitude and longitude passes through Greenwich, England."

原始題號:0015202 題組:0 難易度:易

- ( C ) 111. Which is true concerning the blue and magenta colors used to depict airports on Sectional Aeronautical Charts?  
(A)"Airports with control towers underlying Class A, B, and C airspace are shown in blue, Class D and E airspace are magenta." (B)"Airports with control towers underlying Class C, D, and E airspace are shown in magenta." (C)"Airports with control towers underlying Class B, C, D, and E airspace are shown in blue."

原始題號:0015203 題組:0 難易度:易

- ( C ) 112. "If a true heading of 135° results in a ground track of 130° and a true airspeed of 135 knots results in a groundspeed of 140 knots, the wind would be from "  
(A)019° and 12 knots. (B)200° and 13 knots. (C)246° and 13 knots.

原始題號:0015204 題組:0 難易度:易

- ( B ) 113. "When converting from true course to magnetic heading, a pilot should"  
(A)subtract easterly variation and right wind correction angle. (B)add westerly variation and subtract left wind correction angle. (C)subtract westerly variation and add right wind correction angle.

原始題號:0015205 題組:0 難易度:易

- ( C ) 114. How far will an aircraft travel in 2-1/2 minutes with a groundspeed of 98 knots?  
(A)2.45 NM. (B)3.35 NM. (C)4.08 NM.

原始題號:0015206 題組:0 難易度:易

- ( B ) 115. "On a cross-county flight, point A is crossed at 1500 hours and the plan is to reach point B at 1530 hours. Use the following information to determine the indicated airspeed required to reach point B on schedule. Distance between A and B: 70 NM, Forecast wind: 310° at 15 knots, Pressure altitude: 8,000 ft, Ambient temperature: -10°C, True course: 270°. The required indicated airspeed would be approximately"  
(A)126 knots. (B)137 knots. (C)152 knots.

原始題號:0015207 題組:0 難易度:易

- ( B ) 116. (Refer to Figure 4.) What is the approximate position of the aircraft if the VOR receivers indicate the 320° radial of Savannah VORTAC (area 3) and the 184° radial of Allendale VOR (AREA 1)?(如圖A56\_Fig4)  
(A)Town of Guyton. (B)Town of Springfield. (C)3 miles east of Marlow.

題目圖：

