

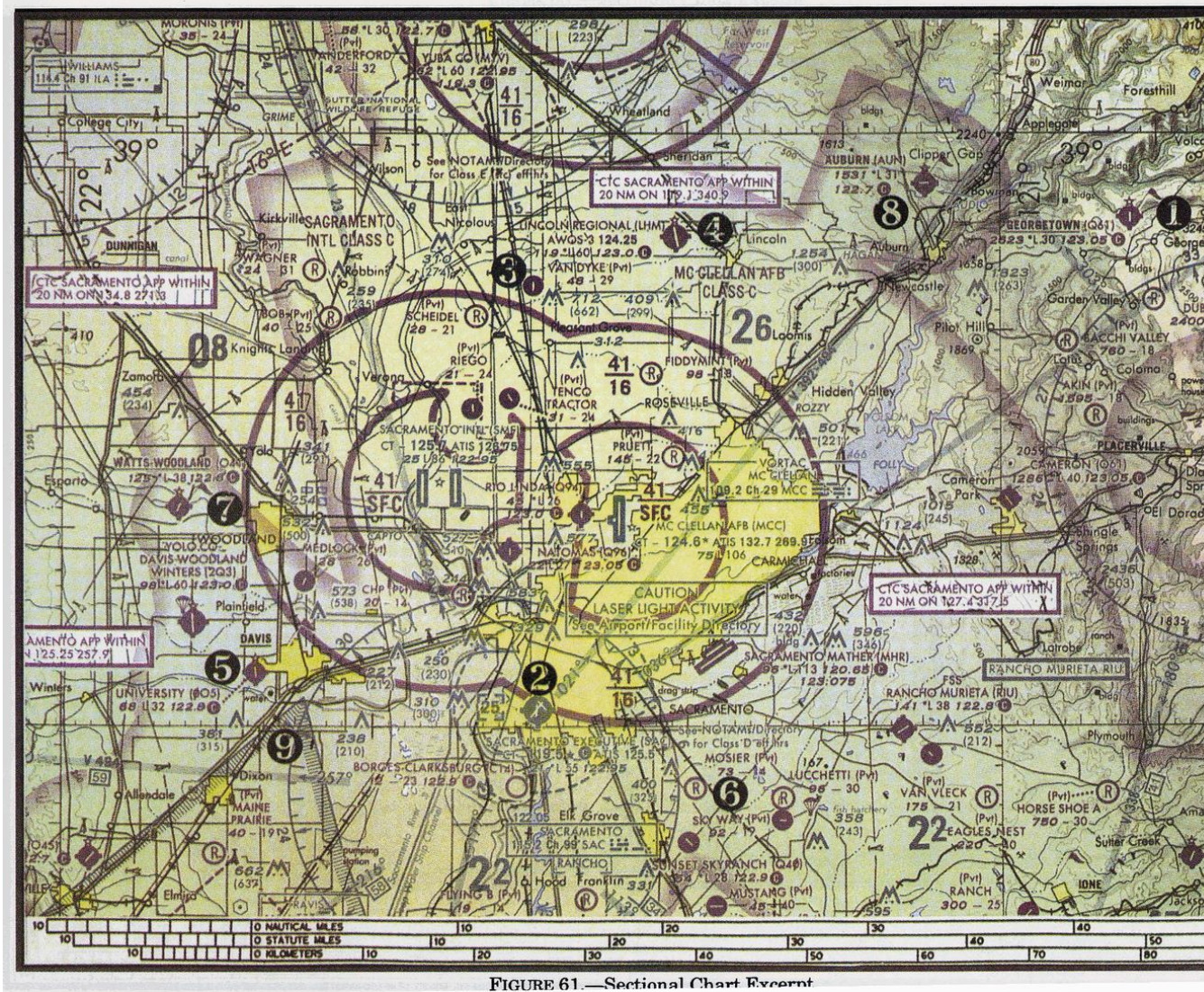
(A17) PPL基本航行學

最近更新日期：無；更新題號：無

原始題號:0011298 題組:1 難易度:中

- (C) 1. (參照圖13，第一點) Georgetown機場 (Q61)上空的 E類空域底部為
(如圖A17_Fig13)
(A)地面或水面。(B)700呎AGL。(C)3823呎MSL。

題目圖：



原始題號:0011299 題組:3 難易度:中

- (C) 2. (參照圖13，第6點) Mosier機場是
(如圖A17_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:0011300 題組:1 難易度:中

- (C) 3. (請參考Fig8) 飛行員通常於降落後，讓飛機完全離開跑道後，才呼叫地面管制，這時是當飛機在 圖上何位置 :(如圖A17_Fig8)
- (A)通過圖上方紅色符號時 (B)中間符號，折線的那一邊 (C)中間符號，實線的那一邊

題目圖：

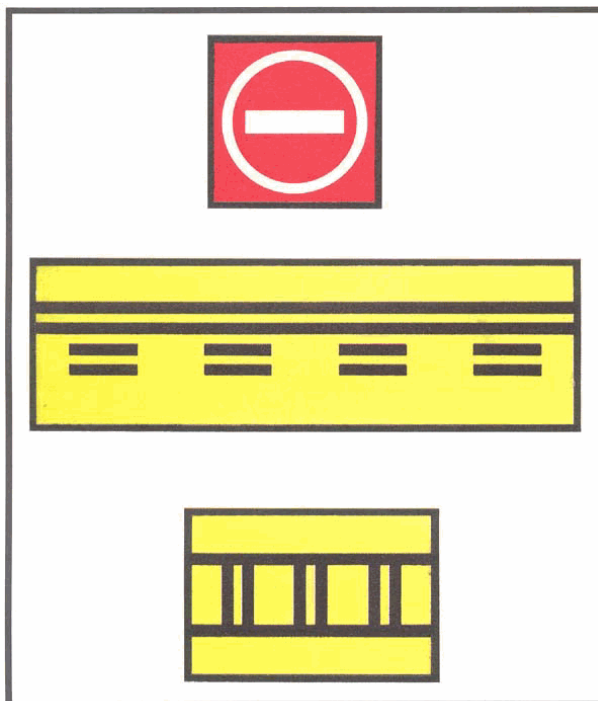


FIGURE 51.—Airport Signs.

原始題號:0011301 題組:2 難易度:中

(B) 4. (請參考Fig8) 圖上方紅色符號最有可能於那裡看到:(如圖A17_Fig8)

(A)當離開跑道時, 在呼叫地面管制前 (B)在跑道或滑行道交會處, 當行車道可能會被誤認為滑行道 (C)接近儀器降落跑道的進場端

題目圖:

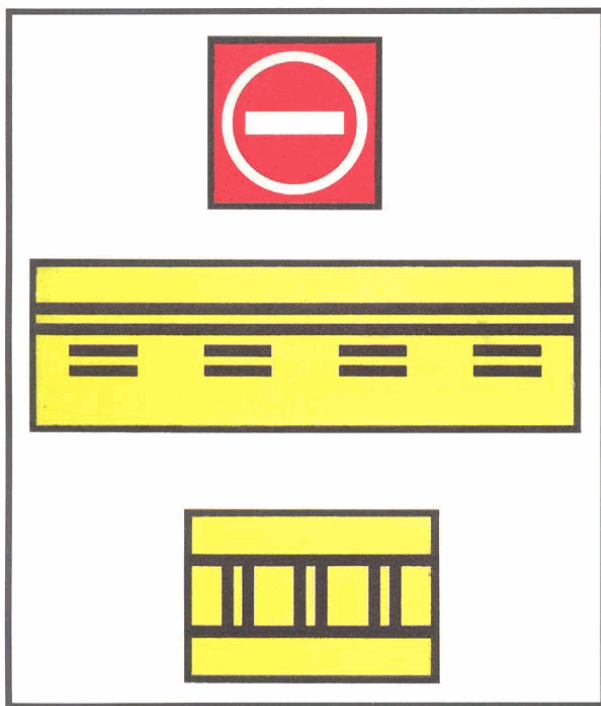


FIGURE 51.—Airport Signs.

原始題號:0011302 題組:3 難易度:中

(C) 5. (請參考Fig8) 正當你離開正在使用的跑道時, 你很有可能被要求離開儀器降落關鍵區域, 這時是當你經過那一個符號?(如圖A17_Fig8)

(A)上方紅色符號 (B)中間黃色符號 (C)下方黃色符號

題目圖:

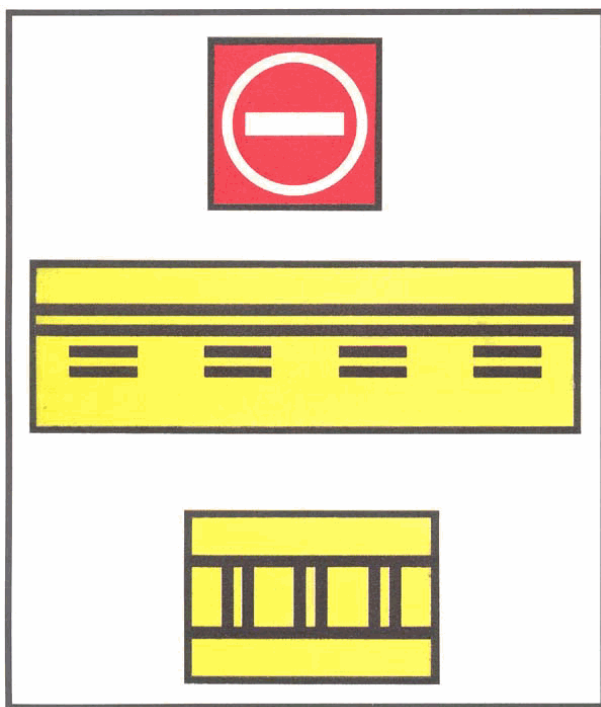


FIGURE 51.—Airport Signs.

原始題號:0011303 題組:4 難易度:中

(A) 6. (請參考Fig8) 當你在滑行前往正在使用的跑道時, 你有可能被要求停在儀器降落關鍵區域(ILS critical area)之外, 在那一個符號之前?(如圖A17_Fig8)

(A)下方黃色符號 (B)上方紅色符號 (C)中間黃色符號

題目圖：

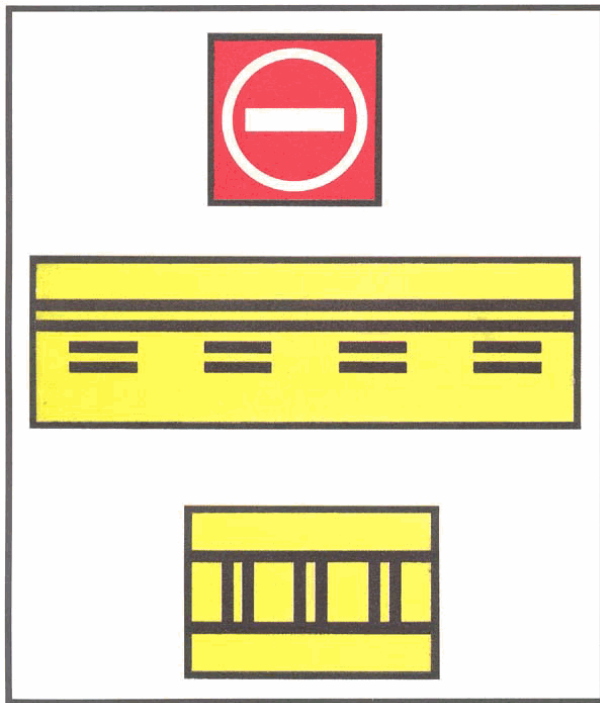
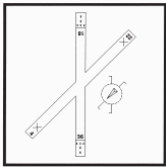


FIGURE 51.—Airport Signs.

原始題號:0011304 題組:1 難易度:中

- (A) 7. (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A17_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。

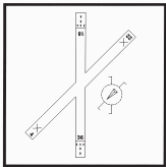
題目圖：



原始題號:0011305 題組:2 難易度:中

- (C) 8. (參照圖15) 在南/北跑道頭出現的箭頭顯示該區 (如圖A17_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。

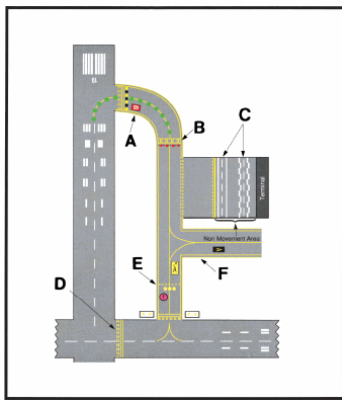
題目圖：



原始題號:0011306 題組:1 難易度:中

- (B) 9. (參照圖19)跑道上哪一個符號顯示飛機位置?
(如圖A17_Fig19)
(A)E (B)F (C)L

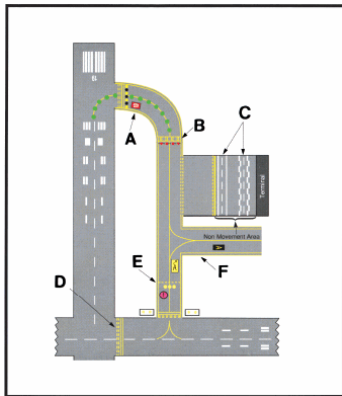
題目圖：



原始題號:0011307 題組:2 難易度:中

- (B) 10. (參照圖19)跑道標示A部分可用來
(如圖A17_Fig19)
(A)落地。(B)滑行與起飛。(C)滑行與落地。

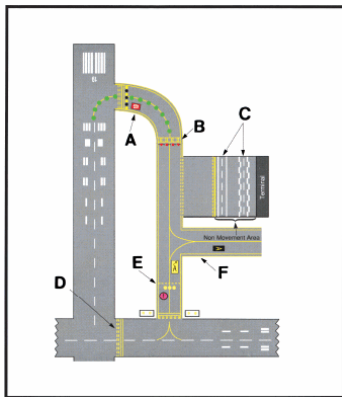
題目圖：



原始題號:0011308 題組:1 難易度:中

- (B) 11. (參照圖19)哪一個符號顯示為車道?
(如圖A17_Fig19)
(A)A (B)C (C)E

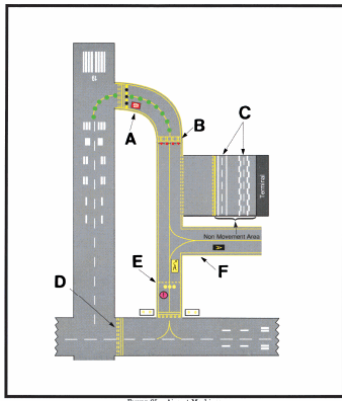
題目圖：



原始題號:0011309 題組:2 難易度:中

- (C) 12. (參照圖19)哪一個符號顯示滑行道/滑行道交叉口待命標誌?
(如圖A17_Fig19)
(A)B (B)D (C)E

題目圖：



原始題號:0011310 題組:0 難易度:易

- (B) 13. 什麼是指南針的 "傾斜誤差 (Dip Error)" ?
(A)an accerleration error during descent (B)an inclination error during bank
(C)an area without radioreception

原始題號:0011311 題組:0 難易度:易

- (A) 14. 什麼是 "QDR"?
(A)magnetic bearing from the station (B)True bearing to the station (C)magnetic bearing to the station

原始題號:0011312 題組:0 難易度:易

- (C) 15. 什麼是 "QDM"?
(A)none (B)magnetic bearing to the station (C)True bearing from the station

原始題號:0011313 題組:0 難易度:易

- (C) 16. 什麼是 "HSI"?
(A)Homing Station Indicator (B)Horizontal Station Indicator (C)Horizontal Situation Indicator

原始題號:0011314 題組:0 難易度:易

- (B) 17. 什麼是 "CDI"?
(A)Cross Deviation Indicator (B)Course Deviation Indicator (C)Course Declination Indicator

原始題號:0011315 題組:0 難易度:易

- (C) 18. "True north" 的方向參考為?
(A)the north on the compass scale (B)the magnetic north pole (C)the geographic north pole

原始題號:0011316 題組:0 難易度:易

- (B) 19. "Magnetic North" 的方向參考為?
(A)the north on the compass needle (B)the magnetic north pole (C)the geographic north pole

原始題號:0011317 題組:0 難易度:易

(B) 20. 什麼是 "Deviation"?

(A)angle from the magnetic north to the true north (B)angle from the magnetic north to the compass north (C)angle from the true north to the magnetic north

原始題號:0011318 題組:0 難易度:易

(C) 21. 什麼是 "Variation"?

(A)angle from the magnetic north to the true north (B)angle from the magnetic north to the compass north (C)angle from the true north to the magnetic north

原始題號:0011319 題組:0 難易度:易

(A) 22. "Compass north" 的方向參考為?

(A)the north on the compass scale (B)the magnetic north pole (C)the geographic north pole

原始題號:0011320 題組:0 難易度:易

(C) 23. 什麼是 "Rhumb line"?

(A)the line to the magnetic north pole (B)the line to the geographic north pole (C)the lines with constant course

原始題號:0011321 題組:0 難易度:易

(B) 24. 什麼是 "Great circle"

(A)the lines with constant course (B)the shortest distance between two points on the earth (C)the straight line on a navigation chart

原始題號:0011322 題組:0 難易度:易

(A) 25. 什麼是 "RMI"?

(A)Radio Magnetic Indicator (B)Radar Magnetic Indicator (C)Radio Magnetic Interrogation

原始題號:0011323 題組:0 難易度:易

(B) 26. 什麼是 "VOR"?

(A)VHF Operative Range (B)VHF Omnidirectional radio Range (C)VHF Omnidirectional Radar

原始題號:0011324 題組:0 難易度:易

(C) 27. 什麼是 "ADF"?

(A)Automatic Defense Fighter (B)Augmentational Direction Formation (C)Automatic Direction Finding

原始題號:0011325 題組:0 難易度:易

(A) 28. 什麼是 "NDB"?

(A)Non-directional radio Beacon (B)Non-directional radar Bearing (C)Non-directional radio Bearing

原始題號:0011326 題組:0 難易度:易

(B) 29. 什麼是 "ILS"?

(A)Integreted Landing System (B)Instrument Landing System (C)Inertial Landing System

原始題號:0011327 題組:0 難易度:中

(B) 30. "NDB"的工作頻率為?

(A)30~300 Mhz (B)190~1750 Khz (C)150~300Mhz

原始題號:0011328 題組:0 難易度:易

(B) 31. 30Mhz ~ 300Mhz的頻率範圍為 ?

(A)HF (B)VHF (C)UHF

原始題號:0011329 題組:0 難易度:易

(A) 32. 3Mhz ~ 30Mhz的頻率範圍為 ?

(A)HF (B)VHF (C)UHF

原始題號:0011330 題組:0 難易度:易

(B) 33. 計算 WCA: MC= 050° Wind 090/20 TAS=120kt

(A)10 ° (B)6 ° (C)8 °

原始題號:0011331 題組:0 難易度:易

(C) 34. 計算 WCA: MC= 180 ° Wind 150/15 TAS=120kt

(A)8° (B)6° (C)4 °

原始題號:0011332 題組:0 難易度:易

(B) 35. 計算 WCA: MC= 210 ° Wind 280/15 TAS=150kt

(A)8° (B)6° (C)4 °

原始題號:0011333 題組:0 難易度:中

(C) 36. 計算 CH : TC=227° WCA= -5° Var. = 27°W Dev. = 2°E

(A)237 ° (B)241° (C)247 °

原始題號:0011334 題組:0 難易度:中

(B) 37. 計算 CH : TC=305° WCA= -5° Var. = 3°W Dev. =16°E

(A)277 ° (B)287° (C)279 °

原始題號:0011335 題組:0 難易度:中

(A) 38. 計算 CH : TC=235° WCA= + 6° Var. = 6°W Dev. = 2°E

(A)245 ° (B)248° (C)253 °

原始題號:0011336 題組:0 難易度:易

(A) 39. 計算 CWC: TC=160° wind=020/30

(A)24kt (B)20kt (C)28kt

原始題號:0011337 題組:0 難易度:易

(B) 40. 計算 TWC: TC=160° wind=020/30

(A)18kt (B)15kt (C)12kt

原始題號:0011338 題組:0 難易度:易

(A) 41. 計算 CWC: TC=080° wind=020/20

(A)16kt (B)20kt (C)18kt

原始題號:0011339 題組:0 難易度:易

(B) 42. 計算e HWC: TC=080° wind=020/20

(A)13kt (B)10kt (C)15kt

原始題號:0011340 題組:0 難易度:易

- (C) 43. 計算 GS: TC=020° wind=230/25 TAS=100kt
(A)94kt (B)115kt (C)120kt

原始題號:0011341 題組:0 難易度:易

- (B) 44. 計算 GS: TC=140° wind=180/30 TAS=120kt
(A)95kt (B)99kt (C)105kt

原始題號:0011342 題組:0 難易度:易

- (A) 45. 計算 GS: TC=240° wind=280/25 TAS=160kt
(A)140kt (B)150kt (C)160kt

原始題號:0011343 題組:0 難易度:易

- (C) 46. 計算 WCA: TC=240° wind=280/25 TAS=160kt
(A)8° (B)6° (C)4 °

原始題號:0011344 題組:0 難易度:易

- (B) 47. 計算 DA: TH=222° wind=200/40 TAS=160kt
(A)8° (B)7° (C)4 °

原始題號:0011298 題組:1 難易度:中

- (C) 48. (Refer to Figure 13, point 1) The floor of the Class E airspace above Georgetown Airport (Q61) is at"(如圖A17_Fig13)
(A)the surface. (B)700 feet AGL. (C)"3,823 feet MSL."



FIGURE 61.—Sectional Chart Excerpt

原始題號:0011299 題組:3 難易度:中

- (C) 49. (Refer to Figure 13, point 6) Mosier Airport is" (如圖A17_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.



FIGURE 61.—Sectional Chart Excerpt

原始題號:0011300 題組:1 難易度:中

- (C) 50. (Refer to figure 8.) The pilot generally calls ground control after landing when the aircraft is completely clear of the runway. this is when the aircraft(如圖A17_Fig8)
- (A).passes the red symbol shown at the top of the figure. (B).is on the dashed-line side of the middle symbol. (C).is past the solid-line side of the middle symbol.

題目圖：

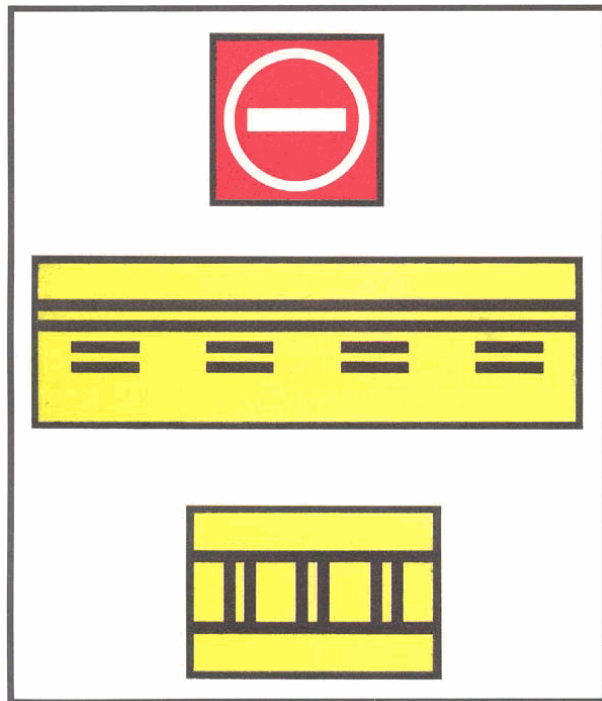


FIGURE 51.—Airport Signs.

原始題號:0011301 題組:2 難易度:中

- (B) 51. (Refer to figure 8.) The red symbol at the top would most likely be found(如圖A17_Fig8)
- (A).upon exiting all runways prior to calling ground control. (B).at an intersection where a roadway may be mistaken as a taxiway. (C).near the approach end of ILS runways.

題目圖：

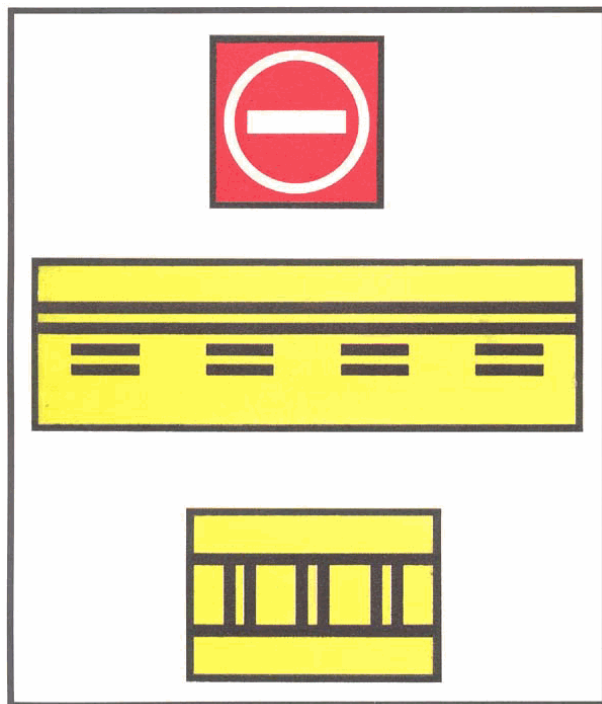


FIGURE 51.—Airport Signs.

原始題號:0011302 題組:3 難易度:中

- (C) 52. (Refer to figure 8.) While clearing an active runway you are most likely clear of the ILS critical area when you pass which symbol?(如圖A17_Fig8)
- (A)Top red. (B)Middle yellow. (C)Bottom yellow.

題目圖：

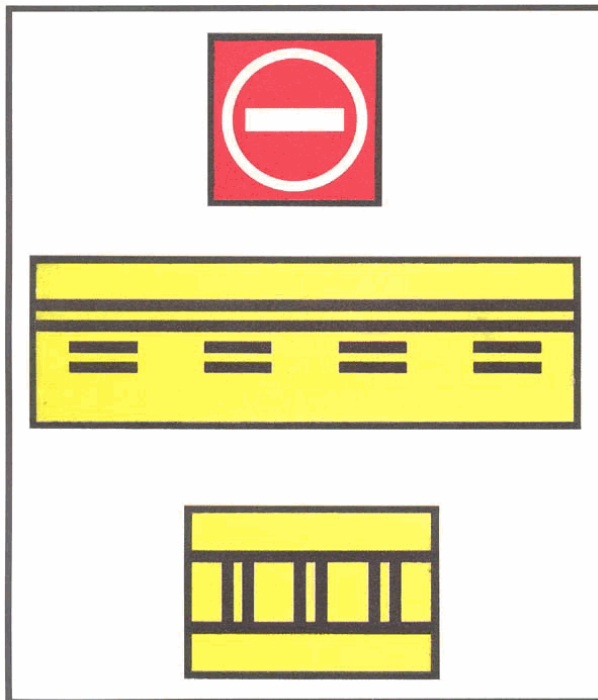


FIGURE 51.—Airport Signs.

原始題號:0011303 題組:4 難易度:中

- (A) 53. (Refer to figure 8.) When taxiing up to an active runway, you are likely to be clear of the ILS critical area when short of which symbol?(如圖A17_Fig8)
(A)Bottom yellow. (B)Top red. (C)Middle yellow.

題目圖：

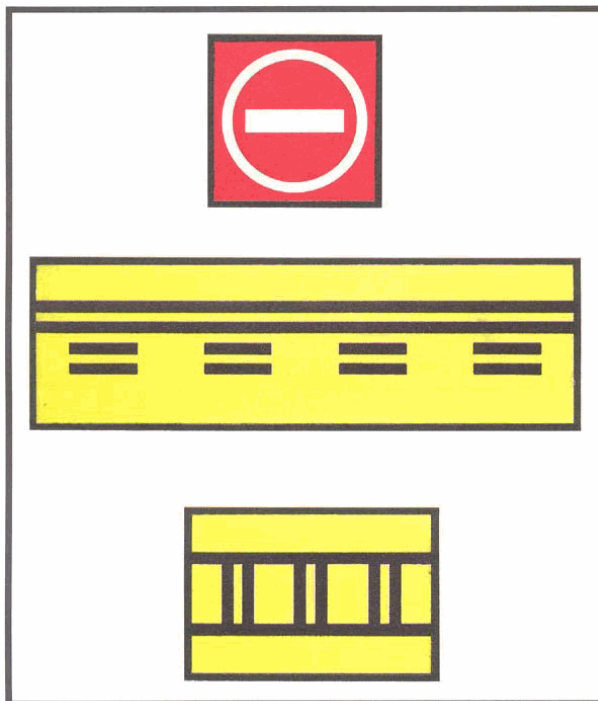
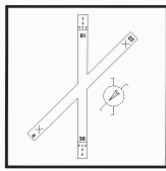


FIGURE 51.—Airport Signs.

原始題號:0011304 題組:1 難易度:中

- (A) 54. (Refer to Figure 15.) If the wind is as shown by the landing direction indicator, the pilot should land on"(如圖A17_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.

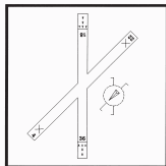
題目圖：



原始題號:0011305 題組:2 難易度:中

- (C) 55. (Refer to Figure 15.) The arrows that appear on the end of the north/south runway indicate that the area(如圖A17_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."

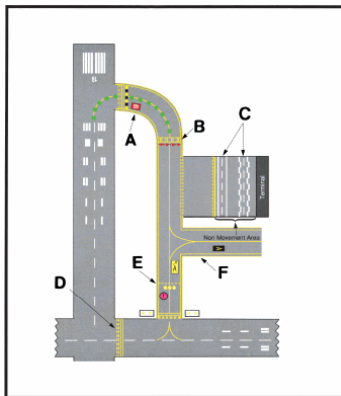
題目圖：



原始題號:0011306 題組:1 難易度:中

- (B) 56. (Refer to Figure 19) Which sign indicates the runway on which the aircraft is located?(如圖A17_Fig19)
 (A)E (B)F (C)L

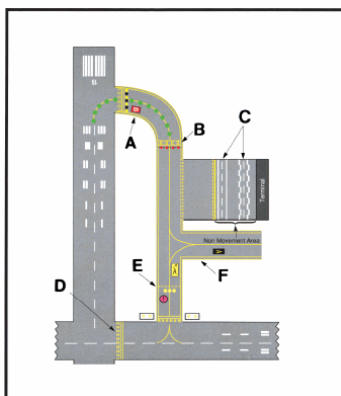
題目圖：



原始題號:0011307 題組:2 難易度:中

- (B) 57. (Refer to Figure 19.) That portion of the runway identified by the letter A may be used for(如圖A17_Fig19)
 (A)landing. (B)taxiing and takeoff. (C)taxiing and landing.

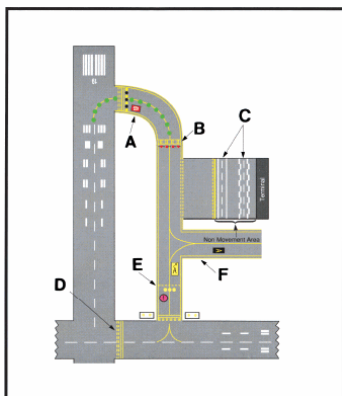
題目圖：



原始題號:0011308 題組:1 難易度:中

- (B) 58. (Refer to Figure 19) Which marking indicates a vehicle lane?(如圖A17_Fig19)
(A)A (B)C (C)E

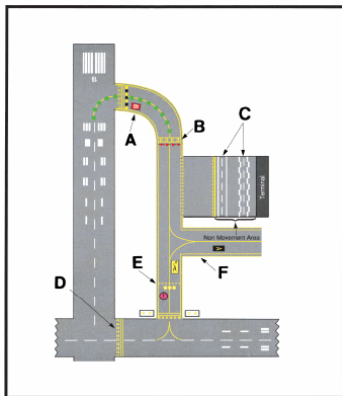
題目圖：



原始題號:0011309 題組:2 難易度:中

- (C) 59. (Refer to Figure 19) Which symbol indicates a taxiway/taxiway intersection hold position marking?(如圖A17_Fig19)
(A)B (B)D (C)E

題目圖：



原始題號:0011310 題組:0 難易度:易

- (B) 60. What is "Dip Error"?
(A)an acceleration error during descent (B)an inclination error during bank
(C)an area without radioreception

原始題號:0011311 題組:0 難易度:易

- (A) 61. What is the meaning of "QDR"?
(A)magnetic bearing from the station (B)True bearing to the station (C)magnetic bearing to the station

原始題號:0011312 題組:0 難易度:易

- (C) 62. What is the meaning of "QDM"?
(A)none (B)magnetic bearing to the station (C)True bearing from the station

原始題號:0011313 題組:0 難易度:易

- (C) 63. What is "HSI"?
(A)Homing Station Indicator (B)Horizontal Station Indicator (C)Horizontal Situation Indicator

原始題號:0011314 題組:0 難易度:易

(B) 64. What is "CDI"?

(A)Cross Deviation Indicator (B)Course Deviation Indicator (C)Course Declination Indicator

原始題號:0011315 題組:0 難易度:易

(C) 65. What is the reference line for "True north"?

(A)the north on the compass scale (B)the magnetic north pole (C)the geographic north pole

原始題號:0011316 題組:0 難易度:易

(B) 66. What is the reference line for "Magnetic North"?

(A)the north on the compass needle (B)the magnetic north pole (C)the geographic north pole

原始題號:0011317 題組:0 難易度:易

(B) 67. What is "Deviation"?

(A)angle from the magnetic north to the true north (B)angle from the magnetic north to the compass north (C)angle from the true north to the magnetic north

原始題號:0011318 題組:0 難易度:易

(C) 68. What is "Variation"?

(A)angle from the magnetic north to the true north (B)angle from the magnetic north to the compass north (C)angle from the true north to the magnetic north

原始題號:0011319 題組:0 難易度:易

(A) 69. What is the reference line for "Compass north"?

(A)the north on the compass scale (B)the magnetic north pole (C)the geographic north pole

原始題號:0011320 題組:0 難易度:易

(C) 70. What is "Rhumb line"?

(A)the line to the magnetic north pole (B)the line to the geographic north pole (C)the lines with constant course

原始題號:0011321 題組:0 難易度:易

(B) 71. What is "Great circle"

(A)the lines with constant course (B)the shortest distance between two points on the earth (C)the straight line on a navigation chart

原始題號:0011322 題組:0 難易度:易

(A) 72. What is "RMI"?

(A)Radio Magnetic Indicator (B)Radar Magnetic Indicator (C)Radio Magnetic Interrogation

原始題號:0011323 題組:0 難易度:易

(B) 73. What is "VOR"?

(A)VHF Operative Range (B)VHF Omnidirectional radio Range (C)VHF Omnidirectional Radar

原始題號:0011324 題組:0 難易度:易

(C) 74. What is "ADF"?

(A)Automatic Defense Fighter (B)Augmentational Direction Formation
(C)Automatic Direction Finding

原始題號:0011325 題組:0 難易度:易

(A) 75. What is "NDB"?

(A)Non-directional radio Beacon (B)Non-directional radar Bearing
(C)Non-directional radio Bearing

原始題號:0011326 題組:0 難易度:易

(B) 76. What is "ILS"?

(A)Integreted Landing System (B)Instrument Landing System (C)Inertial Landing System

原始題號:0011327 題組:0 難易度:中

(B) 77. What is the working frequency range of "NDB"?

(A)30~300 Mhz (B)190~1750 Khz (C)150~300Mhz

原始題號:0011328 題組:0 難易度:易

(B) 78. The frequency range of 30Mhz ~ 300Mhz is ?

(A)HF (B)VHF (C)UHF

原始題號:0011329 題組:0 難易度:易

(A) 79. The frequency range of 3Mhz ~ 30Mhz is ?

(A)HF (B)VHF (C)UHF

原始題號:0011330 題組:0 難易度:易

(B) 80. Caculate the WCA: MC= 050 degree Wind 090/20 TAS=120kt

(A)10 ° (B)6 ° (C)8 °

原始題號:0011331 題組:0 難易度:易

(C) 81. Caculate the WCA: MC= 180 degree Wind 150/15 TAS=120kt

(A)8° (B)6° (C)4 °

原始題號:0011332 題組:0 難易度:易

(B) 82. Caculate the WCA: MC=210 degree Wind 280/15 TAS=150kt

(A)8° (B)6° (C)4 °

原始題號:0011333 題組:0 難易度:中

(C) 83. Caculate the CH : TC=227° WCA= -5° Var.= 27°W Dev.= 2°E

(A)237 ° (B)241° (C)247 °

原始題號:0011334 題組:0 難易度:中

(B) 84. Caculate the CH : TC=305° WCA= -5° Var.= 3°W Dev.=16°E

(A)277 ° (B)287° (C)279 °

原始題號:0011335 題組:0 難易度:中

- (A) 85. Caculate the CH : TC=235° WCA= + 6° Var.= 6°W Dev.= 2°E
(A)245 ° (B)248° (C)253 °

原始題號:0011336 題組:0 難易度:易

- (A) 86. Caculate the CWC: TC=160° wind=020/30
(A)24kt (B)20kt (C)28kt

原始題號:0011337 題組:0 難易度:易

- (B) 87. Caculate the TWC: TC=160° wind=020/30
(A)18kt (B)15kt (C)12kt

原始題號:0011338 題組:0 難易度:易

- (A) 88. Caculate the CWC: TC=080° wind=020/20
(A)16kt (B)20kt (C)18kt

原始題號:0011339 題組:0 難易度:易

- (B) 89. Caculate the HWC: TC=080° wind=020/20
(A)13kt (B)10kt (C)15kt

原始題號:0011340 題組:0 難易度:易

- (C) 90. Caculate the GS: TC=020° wind=230/25 TAS=100kt
(A)94kt (B)115kt (C)120kt

原始題號:0011341 題組:0 難易度:易

- (B) 91. Caculate the GS: TC=140° wind=180/30 TAS=120kt
(A)95kt (B)99kt (C)105kt

原始題號:0011342 題組:0 難易度:易

- (A) 92. Caculate the GS: TC=240° wind=280/25 TAS=160kt
(A)140kt (B)150kt (C)160kt

原始題號:0011343 題組:0 難易度:易

- (C) 93. Caculate the WCA: TC=240° wind=280/25 TAS=160kt
(A)8° (B)6° (C)4 °

原始題號:0011344 題組:0 難易度:易

- (B) 94. Caculate the DA: TH=222° wind=200/40 TAS=160kt
(A)8° (B)7° (C)4 °