(A19) PPL載重平衡

最近更新日期：無；更新題號：無

原始題號:0011395 題組:0 難易度:易

(A) 1. 重量 X 力臂 ÷ 降減係數(Reduction Factor) = ?
(A) index units. (B)total moments. (C) CG from LEMAC.

原始題號:0011396 題組:0 難易度:易

(C) 2. Aerodynamic chord 之定義為何?
(A)ratio of the average wing chord to its aerodynamic center of pressure. (B) distance from the leading edge to the trailing edge of the wing, measured at the wing root. (C) chord of an imaginary airfoil which has the same aerodynamic characteristics as the actual airfoil.

原始題號:0011397 題組:0 難易度:易

(B) 3. 通常CG以何種方式來表示位於機身的相對位置?
(A) inches from the forward CG limit. (B)percent of mean aerodynamic chord aft of LEMAC. (C)percentage of MAC aft of the leading edge of the wing.

原始題號:0011398 題組:0 難易度:易

(C) 4. CG是以飛機的哪個軸為參考?
(A) lateral axis. (B)vertical axis. (C)longitudinal axis.

原始題號:0011399 題組:0 難易度:易

(C) 5. 收起落架時若鼻輪向前收入機身，則CG會向何處移動?
(A)向後 (B)不變 (C)向前

原始題號:0011400 題組:0 難易度:易

(B) 6. 飛機的CG如何決定?
(A)multiplying total arms by total weight. (B)dividing total moments by total weight. (C)multiplying total weight by total moments.

原始題號:0011401 題組:0 難易度:易

(B) 7. Taxi weight 等於?
(A)Payload plus operating weight. (B) Zero fuel weight plus total fuel load. (C)Zero fuel weight plus payload, fuel, and oil.

原始題號:0011402 題組:0 難易度:易

(C) 8. The basic operating weight 等於航機的 empty weight加上何者?
(A)fuel and oil. (B) required crew. (C)required crew and standard operating items.

原始題號:0011403 題組:0 難易度:易

(A) 9. Zero fuel weight 的定義為?
(A) basic operating weight plus payload. (B) empty weight plus passengers and cargo. (C)takeoff weight minus fuel to destination and alternate.

原始題號:0011404 題組:0 難易度:易

(C) 10. The maximum allowable airplane weight 減掉 useable fuel 稱為?
(A) basic operating weight. (B) maximum payload weight. (C)maximum zero fuel weight.

原始題號:0011405 題組:0 難易度:中

(B) 11. 為何需要制定加油的標準程序?
(A)For fire fighting (B)Reduce the bending moment of the wing (C)Prevent tail down during refueling

原始題號:0011406 題組:0 難易度:易

(A) 12. Operating weight包括?
(A)DOW + TOF (B)DOW + Trip fuel (C)ZFW + TOF

原始題號:0011407 題組:0 難易度:易

(C) 13. TOW 減去 Trip fuel為?
(A)DOW (B)ZFW (C)Landing weight

原始題號:0011408 題組:0 難易度:易

(B) 14. DOW 加上 Payload 為?
(A)OW (B)ZFW (C)Landing weight

原始題號:0011409 題組:0 難易度:易

(B) 15. Landing weight 等於 ?
(A)ZFW + Trip fuel (B)TOW- Trip fuel (C)DOW + Trip fuel

原始題號:0011410 題組:0 難易度:易

(C) 16. ZFW 加上 TOF 等於?
(A)DOW (B)Landing weight (C)TOW

原始題號:0011411 題組:0 難易度:中

(B) 17. TOW 包括?
(A)ZFW + Trip fuel (B)DOW + Payload + TOF (C)DOW + Trip fuel

原始題號:0011412 題組:0 難易度:易

(B) 18. Payload不包括?
(A)乘客 (B)燃油 (C)貨物

原始題號:0011413 題組:0 難易度:易

(A) 19. TOW 等於?
(A)Landing Weight + Trip fuel (B)ZFW + Trip fuel (C)DOW + TOF

原始題號:0011414 題組:0 難易度:易

(B) 20. TOW 減去 ZFW = ?
(A)Trip Fuel (B)TOF (C)DOW

原始題號:0011415 題組:0 難易度:易

(B) 21. 組員的重量應計算為?
(A)Payload (B)DOW (C)Landing weight

原始題號:0011416 題組:0 難易度:易

(B) 22. 計算 Landing Weight : OW=2600kg ZFW=3200kg TOF=800kg Trip Fuel= 500kg
(A)4000kg (B)3500kg (C)3700kg

原始題號:0011417 題組:0 難易度:易

(C) 23. 計算 TOW: OW=4000kg ZFW=4200kg TOF=800kg
(A)1000kg (B)3000kg (C)5000kg

原始題號:0011418 題組:0 難易度:易

(C) 24. 計算 Landing Weight : OW=3600kg ZFW=4200kg TOF=1000kg Trip Fuel= 600kg
(A)4900kg (B)4800kg (C)4600kg

原始題號:0011419 題組:0 難易度:易

(B) 25. 計算 Payload : OW=3800kg ZFW=4200kg TOF=700kg Trip Fuel= 500kg
(A)900kg (B)1100kg (C)1000kg

原始題號:0011420 題組:0 難易度:易

(B) 26. 計算 DOW : OW=3000kg ZFW=3200kg TOF=800kg
(A)2000kg (B)2200kg (C)2100kg

原始題號:0011421 題組:0 難易度:中

(C) 27. 計算 TOW : OW=3800kg ZFW=4200kg TOF=700kg Trip Fuel= 500kg
(A)4700kg (B)5100kg (C)4900kg

原始題號:0011422 題組:0 難易度:易

(B) 28. 計算 Landing Weight, TOW = 3600kg ZFW = 2400kg Trip fuel= 800
(A)3200kg (B)2800kg (C)2600kg

原始題號:0011423 題組:0 難易度:中

(A) 29. 計算 Payload , DOW 及 TOW: OW=3000kg ZFW=3200kg TOF=800kg
(A)Payload= 1000kg DOW= 2200 TOW= 4000kg (B)Payload= 800kg DOW= 2200 TOW= 3800kg (C)Payload= 1000kg DOW= 2200 TOW= 3800kg

原始題號:0011424 題組:0 難易度:中

(B) 30. 計算 Landing Weight , Payload 及 TOW : OW=3600kg ZFW=4200kg TOF=1000kg Trip Fuel= 600kg
(A) Landing Weight= 4600kg Payload= 1100kg TOW=4800kg (B) Landing Weight= 4600kg Payload= 1600kg TOW=5200kg (C) Landing Weight= 4400kg Payload= 1100kg TOW=5200kg

原始題號:0011425 題組:0 難易度:中

(A) 31. 計算 Payload , DOW 及 TOW: OW=4000kg ZFW=4200kg TOF=800kg
(A)Payload= 1000kg DOW= 3200 TOW= 5000kg (B)Payload= 800kg DOW= 3200 TOW= 4800kg (C)Payload= 1000kg DOW= 3000 TOW= 5000kg

原始題號:0011426 題組:0 難易度:中

(C) 32. 計算 Landing Weight , Payload 及 TOW : OW=3800kg ZFW=4200kg TOF=700kg Trip Fuel= 500kg
(A) Landing Weight= 4400kg Payload= 1100kg TOW=4800kg (B) Landing Weight= 4200kg Payload= 1100kg TOW=4900kg (C) Landing Weight= 4400kg Payload= 1100kg TOW=4900kg

原始題號:0011427 題組:0 難易度:易

(B) 33. 計算 Landing Weight : OW=3600kg ZFW=4200kg TOF=1000kg Trip Fuel= 600kg
(A)4800kg (B)4600kg (C)5000kg

原始題號:0011428 題組:0 難易度:中

(A) 34. 計算 Payload : OW=4000kg ZFW=4200kg TOF=800kg
(A)1000kg (B)1200kg (C)800kg

原始題號:0011429 題組:0 難易度:易

(B) 35. 計算 TOF, TOW = 3600kg ZFW = 2400kg Trip fuel= 800
(A)1000kg (B)1200kg (C)800kg

原始題號:0011395 題組:0 難易度:易

(A) 36. Weight X Arm ÷ the Reduction Factor is the formula used to determine ?
(A) index units. (B)total moments. (C) CG from LEMAC.

原始題號:0011396 題組:0 難易度:易

(C) 37. The term mean aerodynamic chord may be defined as the ?
(A)ratio of the average wing chord to its aerodynamic center of pressure. (B) distance from the leading edge to the trailing edge of the wing, measured at the wing root. (C) chord of an imaginary airfoil which has the same aerodynamic characteristics as the actual airfoil.

原始題號:0011397 題組:0 難易度:易

(B) 38. The CG of an airplane is normally located in the fuselage at a point expressed in ?
(A) inches from the forward CG limit. (B)percent of mean aerodynamic chord aft of LEMAC. (C)percentage of MAC aft of the leading edge of the wing.

原始題號:0011398 題組:0 難易度:易

(C) 39. The CG of an airplane is computed along the?
(A) lateral axis. (B)vertical axis. (C)longitudinal axis.

原始題號:0011399 題組:0 難易度:易

(C) 40. If the nosewheel of an airplane moves forward upon gear retraction, the CG will?
(A) move aft. (B) not move. (C)move forward.

原始題號:0011400 題組:0 難易度:易

(B) 41. The CG of an airplane can be determined by ?
(A)multiplying total arms by total weight. (B)dividing total moments by total weight. (C)multiplying total weight by total moments.

原始題號:0011401 題組:0 難易度:易

(B) 42. Which of the following weight factors determine ramp or taxi weight?
(A)Payload plus operating weight. (B) Zero fuel weight plus total fuel load. (C)Zero fuel weight plus payload, fuel, and oil.

原始題號:0011402 題組:0 難易度:易

(C) 43. The basic operating weight of a transport airplane is the empty weight plus
(A)fuel and oil. (B) required crew. (C)required crew and standard operating items.

原始題號:0011403 題組:0 難易度:易

(A) 44. Zero fuel weight is defined as the
(A) basic operating weight plus payload. (B) empty weight plus passengers and cargo. (C)takeoff weight minus fuel to destination and alternate.

原始題號:0011404 題組:0 難易度:易

(C) 45. The maximum allowable airplane weight excluding useable fuel is called
(A) basic operating weight. (B) maximum payload weight. (C)maximum zero fuel weight.

原始題號:0011405 題組:0 難易度:中

(B) 46. For what reason there is a standard procedure for fuel loading?
(A)For fire fighting (B)Reduce the bending moment of the wing (C)Prevent tail down during refueling

原始題號:0011406 題組:0 難易度:易

(A) 47. Operating weight equal to ?
(A)DOW + TOF (B)DOW + Trip fuel (C)ZFW + TOF

原始題號:0011407 題組:0 難易度:易

(C) 48. TOW - Trip fuel = ?
(A)DOW (B)ZFW (C)Landing weight

原始題號:0011408 題組:0 難易度:易

(B) 49. DOW + Payload =?
(A)OW (B)ZFW (C)Landing weight

原始題號:0011409 題組:0 難易度:易

(B) 50. The Landing weight equal to ?
(A)ZFW + Trip fuel (B)TOW- Trip fuel (C)DOW + Trip fuel

原始題號:0011410 題組:0 難易度:易

(C) 51. ZFW + TOF =?
(A)DOW (B)Landing weight (C)TOW

原始題號:0011411 題組:0 難易度:中

(B) 52. TOW includes ?
(A)ZFW + Trip fuel (B)DOW + Payload + TOF (C)DOW + Trip fuel

原始題號:0011412 題組:0 難易度:易

(B) 53. Payload not includes?
(A)Passenger (B)Fuel (C)Cargo

原始題號:0011413 題組:0 難易度:易

(A) 54. TOW equal to?
(A)Landing Weight + Trip fuel (B)ZFW + Trip fuel (C)DOW + TOF

原始題號:0011414 題組:0 難易度:易

(B) 55. TOW - ZFW = ?
(A)Trip Fuel (B)TOF (C)DOW

原始題號:0011415 題組:0 難易度:易

(B) 56. The weight of crews shoul be caculated as?
(A)Payload (B)DOW (C)Landing weight

原始題號:0011416 題組:0 難易度:易

(B) 57. Caculate the Landing Weight : OW=2600kg ZFW=3200kg TOF=800kg Trip Fuel= 500kg
(A)4000kg (B)3500kg (C)3700kg

原始題號:0011417 題組:0 難易度:易

(C) 58. Caculate the TOW : OW=4000kg ZFW=4200kg TOF=800kg
(A)1000kg (B)3000kg (C)5000kg

原始題號:0011418 題組:0 難易度:易

(C) 59. Caculate the Landing Weight : OW=3600kg ZFW=4200kg TOF=1000kg Trip Fuel= 600kg
(A)4900kg (B)4800kg (C)4600kg

原始題號:0011419 題組:0 難易度:易

(B) 60. Caculate the Payload : OW=3800kg ZFW=4200kg TOF=700kg Trip Fuel= 500kg
(A) Landing Weight= 4400kg Payload= 1100kg TOW=4800kg (B) Landing Weight= 4200kg Payload= 1100kg TOW=4900kg (C) Landing Weight= 4400kg Payload= 1100kg TOW=4900kg

原始題號:0011420 題組:0 難易度:易

(B) 61. Caculate the DOW : OW=3000kg ZFW=3200kg TOF=800kg
(A)2000kg (B)2200kg (C)2100kg

原始題號:0011421 題組:0 難易度:中

(C) 62. Caculate the TOW : OW=3800kg ZFW=4200kg TOF=700kg Trip Fuel= 500kg
(A)4700kg (B)5100kg (C)4900kg

原始題號:0011422 題組:0 難易度:易

(B) 63. Caculate the Landing Weight, TOW = 3600kg ZFW = 2400kg Trip fuel= 800
(A)3200kg (B)2800kg (C)2600kg

原始題號:0011423 題組:0 難易度:中

(A) 64. Caculate the Payload , DOW and TOW: OW=3000kg ZFW=3200kg TOF=800kg
(A)Payload= 1000kg DOW= 2200 TOW= 4000kg (B)Payload= 800kg DOW= 2200 TOW= 3800kg (C)Payload= 1000kg DOW= 2200 TOW= 3800kg

原始題號:0011424 題組:0 難易度:中

(B) 65. Caculate the Landing Weight , Payload and TOW : OW=3600kg ZFW=4200kg TOF=1000kg Trip Fuel= 600kg
(A) Landing Weight= 4600kg Payload= 1100kg TOW=4800kg (B) Landing Weight= 4600kg Payload= 1600kg TOW=5200kg (C) Landing Weight= 4400kg Payload= 1100kg TOW=5200kg

原始題號:0011425 題組:0 難易度:中

(A) 66. Caculate the Payload , DOW and TOW : OW=4000kg ZFW=4200kg TOF=800kg
(A)Payload= 1000kg DOW= 3200 TOW= 5000kg (B)Payload= 800kg DOW= 3200 TOW= 4800kg (C)Payload= 1000kg DOW= 3000 TOW= 5000kg

原始題號:0011426 題組:0 難易度:中

(C) 67. Caculate the Landing Weight , Payload and TOW : OW=3800kg ZFW=4200kg TOF=700kg Trip Fuel= 500kg
(A) Landing Weight= 4400kg Payload= 1100kg TOW=4800kg (B) Landing Weight= 4200kg Payload= 1100kg TOW=4900kg (C) Landing Weight= 4400kg Payload= 1100kg TOW=4900kg

原始題號:0011427 題組:0 難易度:易

(B) 68. Caculate the Landing Weight : OW=3600kg ZFW=4200kg TOF=1000kg Trip Fuel= 600kg
(A)4800kg (B)4600kg (C)5000kg

原始題號:0011428 題組:0 難易度:中

(A) 69. Caculate the Payload : OW=4000kg ZFW=4200kg TOF=800kg
(A)1000kg (B)1200kg (C)800kg

原始題號:0011429 題組:0 難易度:易

(B) 70. Caculate the TOF, TOW = 3600kg ZFW = 2400kg Trip fuel= 800
(A)1000kg (B)1200kg (C)800kg