

ANSWERS

Module 2 – AIRCRAFT SYSTEMS & AIRPORTS

Chapter 1 – Airplane Systems

1. stoichiometric ratio	1
2. internal combustion	3
3. a) intake b) compression c) power d) exhaust	1
4. intake	5
5. afterburner	5
6. rich	6
7. lean	6
8. gravity	6
9. magneto	10
10. cycle	1
11. mixture	6
12. bottom	8
13. Venturi, pressure, Bernoulli's	8
14. combustion, ignition	13
15. intake, compression, power, and exhaust	13
16. lubricate, cool	14
17. oil temperature and oil pressure	14
18. tachometer	14
19. airspeed, altimeter, vertical speed indicator	15
20. attitude indicator, turn coordinator and heading indicator	18
21. 1013.2 mb	16
22. decreases	16
23. 1	16
24. vertical speed indicator	17
25. airspeed indicator	17
26. 6076	18
27. 5280	18
28. b	18
29. rotor	18
30. attitude indicator	18
31. heading indicator	19
32. turn coordinator	19
33. slipping, skidding	19

Chapter 2 – Airports

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35. Federal Aviation Administration	21
36. Ramp	21
37. Noise abatement	21
38. Taxiway	22
39. VFR	23
40. Departure	23
41. downwind, base, final approach	23

42. magnetic headings	24
43. the highest runway number is 36	24
44. 9 right, 9 center, and 9 left	24
45. precision	25
46. 2/20	25
47. information	26
48. destination	26
49. green	27
50. white	27
51. below the glide path	28
52. military	29
53. water	29
54. windsock	22
55. uniform	30

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56. latitude	33
57. north pole, south pole	33
58. sectional	33
59. 60	34
60. control tower	36
61. no control tower	36
62. a rotating beacon in operation sunset to sunrise	38
63. field elevation	39
64. lighted runway 3800 feet long	39
65. OK60	40
66. 122.0 Mghz	40
67. 1177 feet	40
68. wild life refuge	40
69. railroad, highway (US64)	36