

1. Minimum flight crew: _____
2. The EMB-145 is certified in the transport category in the following conditions: _____

3. Max runway slope: _____ of runway length.
4. Runway surface: _____
5. Max tailwind: _____
6. Max temperature for aircraft: _____
7. Min/Max takeoff & landing pressure altitude: _____

8. Min/Max SAT at FL370: _____
9. Min/Max SAT for takeoff: _____
10. Min TAT above FL250: _____
11. Min SAT below FL250: _____
12. Mx inspection needed when landing below: _____
13. V_{LO} for gear retraction/extension: _____
14. V_{LE} : _____
15. V_A : _____
16. Max flap ext. speed for flaps 9: _____
17. Max flap ext. speed for flaps 18: _____
18. Max flap ext. speed for flaps 22: _____
19. Max flap ext. speed for flaps 45: _____
20. Max flap ext. speed for flaps 45 (XR): _____
21. Above 10,000' with YD disengaged, max speed for flaps 22 (XR): _____
22. Above 10,000' with YD disengaged, max speed for flaps 45 (XR): _____
23. For non-XR, when flaps are extended to/retracted from 45, momentary airspeed deviations between 145 and _____ will not require a Mx inspection.
24. For non-XR, when flaps are extended to/retracted from 22, momentary airspeed deviations between 200 and _____ will not require a Mx inspection.
25. Max airspeed after T/O without retrimming: _____
26. Max airspeed for turbulent air penetration below 10,000': _____ and above 10,000': _____

27. Min/Max fuel tank temperature is: _____
28. Max N_1 : _____
29. For all models, min/max oil pressure < 88% N_2 : _____
30. On ER/LR, min/max oil pressure \geq 88% N_2 : _____
31. On XR, min/max oil pressure \geq 88% N_2 : _____
32. On XR, operation between 34 and 48 psi is permitted for: _____

33. Max oil pressure may be exceeded during start if the oil temp is below: _____. The engine must remain at IDLE until oil pressure is less than: _____
34. All aircraft will display oil pressure \leq _____ in green.
35. All aircraft will display oil pressure in range _____ in amber and permitted in all operation modes. Limited to _____. Operation in the oil pressure amber range between _____ in amber and permitted in all operation modes. Limited to _____. However, total over-pressure time may not exceed _____
36. Min oil temp for start: _____
37. To increase N_2 above _____, the engine oil temp must be _____. Or, run the engine for at least _____ OR complete a static runup to _____, allow the engines to stabilize and ensure that the oil pressure is \leq _____
38. LP and HP spool vibration limits maybe exceeded up to _____ for _____ during takeoffs and go-arounds. Else _____
39. Max ITT for start on all engines: _____
40. All ER/LR takeoff thrust ratings/ITT limits (948°) are time limited to _____
41. All XR, takeoff thrust ratings/ITT between _____ are time limited to _____. Takeoff thrust ratings/ITT up to _____ are permitted up to max of _____
42. Any engine exceedance or peak must be monitored and logged by the crew.
43. Dry motoring continuous operation: _____

44. Engine starting cycle, 1-4: _____. For 5th cycle: _____
45. After start, the engines must run at idle or taxi thrust for _____ for cold engines. or _____ for warm engines.
46. Engine is considered cold, if it's been shut down for at least: _____

47. Engines must run for at least _____ at idle or taxi thrust before shutdown.
48. Max altitude for starting APU: _____
49. Max operational altitude for APU: _____
50. The APU will automatically shutdown at _____ rotor speed.
51. APU EGT may exceed _____ for maximum of _____

52. Min battery temp for APU start: _____
53. Start cycle for the APU: After 1-2 attempts: _____. After 3rd attempt: _____
54. Max APU generator load above FL300: _____
55. Min AP engagement height: _____
56. AP disengagement height is: _____ for visual approaches, _____ for CAT I, _____ for CAT II and _____ for non-precision.
57. Max ISIS duration when operating only on batteries is _____ . Maybe exceeded to _____ if pitot #3 is turned OFF in non-icing conditions.
58. The airplane must not be moved during power-up initialization. Do not cage attitude in turning flight.
59. Max altitude for flap extension: _____
60. Max differential pressure: _____
61. Max differential over-pressure: _____
62. Max differential negative-pressure: _____
63. Min temp for manual anti-ice operation: _____ SAT on ground and TAT in-flight.
64. Max temp for anti-ice operation: _____
65. Holding configuration in icing: _____

66. Max windshield wiper operating speed: _____
67. Do not operate windshield wiper: _____
68. Max imbalance allowed between tanks: _____