

RFM EXAM AUGUST 2014

Reversion 24.2

1. Using the RFM convert 1700 kg to lbs
2. According to the RFM what is the definition of “will”?
3. What is your VNE at 8000’ PA and 20 degrees Celsius?
4. What is the maximum air temperature for operating the UH-72A? What does ISA stand for?
5. If you have three failed start attempts on an engine what is required?
6. What is a normal indication for generator output in volts?

12. During a single engine failure, if power is not sufficient to establish OEI what should you do?

13. During a Fire In Flight EP, the Fire Extinguisher bottle will begin discharging when N1 <_____?

14. When will the LOW FUEL light come on?

15. What is the note associated with XMSN OIL PRESS?

16. What is the NOTE associated with ENG O FILT message?

17. With a 15 amp hour battery how long will you have power if you a drawing 30 amps?

18. MM EXCEED will come on when?

19. VAR NR will come on if your torque split is greater than what?

20. During the CPDS External Test what continuity tests are completed?

21. How will you know if an engine was shutdown inflight by the overspeed protection

system?

22. At what N2 speed with the overspeed protection system shutdown the engine?

23. Can you take off with a Mast Moment Failure? If so, what are your limitations?

24. What is the fuel burn rate with both engines at idle?

25. For preflight how often do items marked with a “star” need to be checked?

26. During engine shutdown what should you check in regards to ROTOR RPM and ENG FAIL

1/2 messages?

27. What is the maximum recommended rate of descent during hover or low speed flight?

28. The Hover Out of Ground Effect charts ensure controllability of the aircraft up to what altitudes and wind combinations?

29. Bleed air heating on (AEO) decreases max range by how much?

30. What is your maximum endurance AEO, at 3200 kg, ISA (sea level) flying at 60 knots?

31. When will the free turbine monitoring system shutdown an engine?

32. Approximately how long does it take to refuel the helicopter to capacity?

33. How does the rotor system lead and lag?

34. With the hydraulic test switch in the S-1 position, which hydraulic system is disengaged?

35. In NORM Mode the VARTOMS will decrease the rotor RPM to what airspeeds when greater than 55 knots?

36. What does the CPDS consist of?

37. When will Δ TRQ be displayed on the VEMD?

38. How much does the MX-15i and LS-16 increase fuel consumption AEO?

39. What is the airspeed limitation for flying IMC?

40. What is the maximum LOC intercept angle and maximum approach angle?

41. What is the recommended airspeed range for an ILS approach?

42. What is the control authority of the pitch, roll and yaw SEMAs?

43. Follow Up Trim is disengaged when accelerating through _____ kts and active below _____kts when decelerating.

44. Does ALT A. default to a standard rate of climb when engaged?

45. When IMC, what is the difference regarding LAND AS SOON AS POSSIBLE OR IMMEDIATELY emergency procedures?

46. Emergency power for the standby horizon is assured for how long?

47. What could impair your ability to read the GARMIN 430W screen?

48. When flying a GPS Approach what should you verify at the Final Approach Fix?

49. The wind vector is only displayed on the FCDS if _____?

50. Do not apply the rotor brake below what temperature?