

APPENDIX D

PRE-COURSE WORK MATERIALS

**Helibase Manager, S-371
Pre-Course Test**

Name: _____

Home Unit: _____

Use the Interagency Helicopter Operations Guide (IHOG) to answer the questions. Indicate the section and page number of the IHOG where the answer was found. Bring the completed pre-course test to class for discussion.

1. The prerequisites for becoming a Helibase Manager 2 are that you are already qualified as a _____ and as a _____.

2. The prerequisite for becoming a Helibase Manager 1 is that you are already qualified as a _____.

3. To maintain currency as a Helibase Manager, you must function in that position _____ (how many times) every _____ years.

4. On an incident where a Type 1 Incident Management Team has been assigned, the Helibase Manager's immediate supervisor is the _____.

5. The Helibase Manager supervises the Helicopter Coordinator.

____ TRUE ____ FALSE

6. Who is responsible for establishing helispots?

7. The Helibase Manager may request a Temporary Flight Restriction under FAR Part _____.
8. The Helibase Manager may be responsible for implementing a Temporary Flight Restriction.
____TRUE ____FALSE
9. The Helibase Manager is responsible for ensuring that load calculations, manifesting, and loading/unloading of personnel are performed correctly.
____TRUE ____FALSE
10. What or who are two sources for obtaining an aerial hazard map?
11. Special operations such as aerial ignition, retardant loading, or seeding are directly supervised by whom? (**Check one**)
____ Air Tactical Group Supervisor
____ Helibase Manager
12. What position in the helibase organization is responsible for ensuring that load calculations for helispots to be used are properly completed, updated, and posted?
13. The Helibase Manager has two useful management tools (job aids) available. These are:

14. The Helibase Manager should: **(Check one)**:
- Never consider and/or suggest the alternative of completing a mission by ground.
- Occasionally consider and/or suggest the alternative of completing a mission by ground.
- Always consider and/or suggest the alternative of completing a mission by ground.
15. Proper risk assessment can only be performed if all hazards are identified.
- TRUE FALSE
16. List at least three personnel or groups of personnel who should be consulted and/or participate in identification of operational aviation hazards:
17. In the absence of the Air Operations Director and Air Support Group Supervisor, who is responsible for developing the Aerial Hazard Map at a helibase?
18. Flight following procedures at an incident helibase should be explained at what time?
19. Form HBM-9 Helibase Flight Following Log is an optional form to utilize for flight following incident aircraft at a helibase.
- TRUE FALSE

20. The national standard maximum interval for mission flight following check-in is:
21. The Aircraft Base Radio Operator reports to the Takeoff and Landing Coordinator who reports to the Helibase Manager.
- ____TRUE ____FALSE
22. The use of a “human repeater” not located at the helibase is allowable to perform flight following.
- ____TRUE ____FALSE
23. The Helibase Manager may suspend or revoke a Pilot’s Qualification Card for poor or unsafe performance.
- ____TRUE ____FALSE
24. The Helibase Manager should ensure that pilots are carded or approved for the missions they are assigned to perform.
- ____TRUE ____FALSE
25. Type 1 Helicopters are not permitted to fly in winds exceeding 50 knots when operating below 500’ AGL.
- ____TRUE ____FALSE
26. A pilot may leave the ship when the rotors are turning provided the controls are locked down, but only in certain situations.
- ____TRUE ____FALSE

27. When military helicopters are utilized, they must utilize the USDA-FS or OAS Load Calculation Form.

___TRUE ___FALSE

28. Personnel may ride on restricted (limited) category helicopters performing mission flights provided a load calculation is completed and the pilot is carded for transporting passengers.

___TRUE ___FALSE

29. It is permissible for Helicopter Managers or Loadmasters to utilize performance capability gained from fuel burn-off during shuttles in order to add extra weight to successive loads.

___TRUE ___FALSE

30. Can initial attack packs be carried in a passenger's lap during helicopter transport?

___YES ___NO

31. Who does the Helibase Manager need to brief concerning the Crash-Rescue Plan?

32. Name three components of crash-rescue equipment:

33. How should you preserve an accident scene?
34. What are the two methods of rapid refueling?
35. Who is responsible for notifying the pilot that hazardous materials have been loaded on the aircraft?
36. List the steps to take, in order, if fuel is spilled on a person.
- 1.
 - 2.
 - 3.
37. List the touchdown pad dimensions for the following helicopter types:
- Type 1: _____
Type 2: _____
Type 3: _____
38. List the safety circle diameter dimensions for the following helicopter types:
- Type 1: _____
Type 2: _____
Type 3: _____

39. One-skid, toe-in, or step-out landings are prohibited unless:
40. What are the Personal Protective Equipment requirements for fire crews being transported to and from the fireline?
41. Give the two preventative maintenance tasks all pilots are permitted to perform, regardless of whether or not they hold a mechanic's qualification.
42. A turbine engine power assurance check is performed every _____hours.
43. Passengers or aircrew members are not permitted to be aboard the aircraft during maintenance test flights.
____TRUE ____FALSE
44. You have had a major component change. Who makes the decision as to whether a physical, on-site inspection is necessary?
45. The preflight safety briefing may be omitted for air operations staff such as the Air Operations Branch Director.
____TRUE ____FALSE