

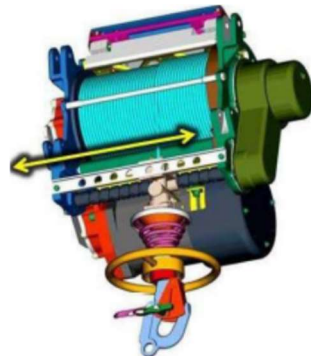


SAR Exam 10

1. A helicopter Crew Chief is responsible for supervising a qualified crew conducting air SAR utilizing a helicopter.

- a) True
- b) False

2. The Following picture is an example of What?



- a) The pre- equalizing cord.
 - b) Trucker Hitch
 - c) Anchor System
 - d) Level Wind Translating Cable Hoist
3. The factors leading to cable failure include.
- a) corrosion exposure
 - b) operator inexperience
 - c) dynamic shock force that exceeds the static rated load of the cable
 - d) All the above
4. True or False. The hoist cable is truly a lifeline.
- a) True
 - b) False

5. The cable is most vulnerable to a shock force when.
 - a) there is only 50 feet of cable spooled out.
 - b) there is only 75 feet of cable spooled out.
 - c) there are only a few feet of cable spooled out.
 - d) The full length of the cable.

6. Helicopter hoist cables are most commonly 3/16 inch (5 cm) in diameter with a mean breaking strength (MBS) of 3,330 lbs. (1510 kg) and rated working load capacity on the hoist of 900 lbs. (409 kg).
 - a) False
 - b) True

7. The Following picture is an example of What?



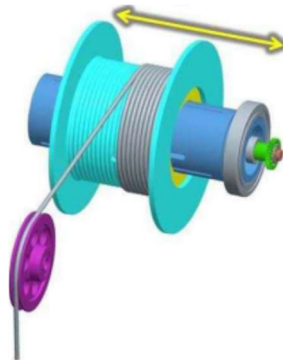
- a) The pre- equalizing cord.
 - b) Level Wind Translating Drum Hoist
 - c) AUTO-LOCKING HOIST HOOKS
 - d) Level Wind Translating Cable Hoist
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8. The Following picture is an example of What?



- a) CABLE SPLICE
 - b) Level Wind Translating Drum Hoist
 - c) AUTO-LOCKING HOIST HOOKS
 - d) Level Wind Translating Cable Hoist
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9. Evolution, where the aircraft remains stationary in a hover above the rescue scene is know as what type of procedure?
 - a) Dynamic Hoist
 - b) Static Hoist
 - c) CG
 - d) None of the above

10. Prior to calling cabin secure the Crew Chief will ensure that the HRS and all equipment are properly secured.
- True
 - False
11. This technique involves lowering a rescuer on the hoist, while the helicopter is on final approach to the scene.
- Static Hoist
 - Bag Hoist
 - Dynamic Hoist
 - Landing Hoist
12. Crew Chief will complete pre-rescue safety inspection of the Helicopter Rescue Technician
- False
 - True
13. The Crew Chief will move into position for rescue operations at the ___ of the right sliding door.
- Left
 - Front
 - Right
 - None of the above
14. HOGE stands for.
- helicopter out of ground effect
 - hover out of ground effect
 - helicopter output to the gas ratio
 - None of the above
15. The Crew Chief will ensure which of the following.
- the aircraft is properly configured for SAR missions.
 - The "load release handle" is locked and safety pinned in position.
 - Both A & B
 - None of the above
16. Crew Chief Operational Training should include Ability to perform general and internal and external load rescue rigging and operations.
- True
 - False

17. In the event of an in-flight emergency, jettisoning a human load from beneath a helicopter is a realistic strategy.
- a) False
 - b) True
18. The Crew Chief should have Functional Training in which general aviation rescue operations.
- a) Hoist
 - b) Human external loads
 - c) Still and moving water insertions
 - d) All the Above
19. What PLF?
- a) pararescue landing fall (PLF)
 - b) parachute landing fall (PLF)
 - c) Parallel parachute landing fall (PLF)
 - d) "Cut rope."
20. The Following picture is an example of What?



- a) The pre- equalizing cord.
- b) Level Wind Translating Drum Hoist
- c) Anchor System
- d) Level Wind Translating Cable Hoist