

Mission Scanner SQTR Evaluation Criteria Familiarization and Preparatory Training Test

O-2015 DEMONSTRATE GROUND OPERATIONS AND SAFETY

1. Discuss ramp safety

2. Discuss moving and loading an aircraft

3. Discuss entry and emergency egress from **all** seats in the aircraft.

4. Discuss the scanner's role in basic fuel management.

O-2017 DISCUSS POST-CRASH ACTIONS

1. Discuss actions to take before and immediately after an off field landing.

2. Discuss basic survival techniques and equipment.

3. Discuss basic urgent care, including four important measures for treating injuries.

O-2019 USE PROPER NUMBER AND CHARACTER PRONUNCIATION

1. Demonstrate how to pronounce numbers while talking on a radio.

2. Demonstrate how to pronounce characters while talking on a radio.

O-2021 INTREPRET EMERGENCY SIGNALS AND DEMONSTRATE AIR/GROUND TEAM COORDINATION

1. Interpret the following emergency signals (may be performed on the ground):

a. Light gun signals

b. Body signals

c. Paulin signals

d. Distress signals

2. Discuss scanner responsibilities during a combined air/ground team mission.

3. Discuss factors to consider before you or the ground team leaves mission base.

4. Demonstrate basic ground team coordination.

O-2024 USE SECTIONAL CHARTS

1. Identify and discuss the following on an aeronautical sectional chart
 - a. Physical features such as topographical details.
 - b. Towns, cities, highways, roads, and towers (MSL and AGL).
 - c. Airways, radio aids, airports and airport data.
 - d. Maximum Elevation Figures.
 - e. Legend and margin information.
2. Given a sectional and plotter, determine a heading and measure distances.
3. State the size of a full and one-quarter CAP and Standardized grids.
The CAP grid is _____degrees square (a quarter grid is _____degrees square) and the Standardized grid is _____degrees square

P-2013 DISCUSS MISSION SCANNER DUTIES AND RESPONSIBILITIES

1. State the primary role of the scanner.
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2. Discuss the "IM SAFE" criteria.
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3. Discuss other scanner duties and responsibilities.
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4. Review the observer duties and responsibilities.
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P-2014 DISCUSS CAP LIABILITY COVERAGE AND MISHAP REPORTING

1. Discuss FECA, including what types of missions afford this coverage and what is covered.
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2. Discuss FTCA, including what types of missions afford this coverage and what is covered.
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3. Discuss the various assessments that can be made for damage to CAP aircraft.
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P-2015 ENTER DATA INTO CAP FORMS

1. Discuss how to correct a mistake.
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2. Discuss how to mark a map that you will attach to a form.
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P-2016 IDENTIFY AND DISCUSS MAJOR AIRCRAFT CONTROLS

1. Discuss how the pilot turns (rolls) the aircraft left or right.
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2. Discuss how the pilot makes the aircraft climb or dive.

3. Discuss how the pilot moves the aircraft's nose to the left or right.

4. Discuss how the pilot steers the aircraft to the left or right while taxiing.

5. Discuss how the pilot increases or decreases engine power.

P-2017 IDENTIFY AND DISCUSS MAJOR AIRCRAFT INSTRUMENTS

1. Identify and describe the basic function of the following aircraft instruments:

a. Magnetic compass

b. Heading indicator

c. Altimeter

d. Airspeed indicator

e. Attitude indicator

f. GPS

g. Radios

h. Audio panel

i. Transponder

2. State the rule on repositioning any aircraft instrument's settings or controls.

P-2018 DISCUSS AIRCRAFT WEIGHT AND BALANCE

1. Discuss the consequences of exceeding the aircraft's weight limit.

2. Discuss the potential consequences of a "tail heavy" and a "nose heavy" aircraft.

3. Discuss the importance of being accurate and honest about your and your luggage weight.

P-2019 IDENTIFY ITEMS CHECKED DURING AN AIRCRAFT PRE-FLIGHT INSPECTION

1. Discuss the purpose of an aircraft pre-flight inspection.

2. Identify the major items checked during an aircraft pre-flight inspection.

P-2020 DISCUSS THE DANGERS OF WAKE TURBULENCE

1. Discuss where wake turbulence is normally encountered.

2. Discuss basic takeoff and landing precautions taken to avoid wake turbulence.

3. Discuss the dangers of taxiing to close behind large jets or helicopters.

P-2021 DISCUSS HOW ATMOSPHERIC AND LIGHTING CONDITIONS EFFECT SCANNING EFFECTIVENESS

1. Discuss how atmospheric and lighting conditions effect scanning effectiveness.

P-2022 IDENTIFY VISUAL CLUES AND WRECKAGE PATTERNS

1. Identify and discuss typical visual crash clues and wreckage patterns.

P-2023 DISCUSS HOW REDUCED VISIBILITY AND TURBULENCE EFFECT SEARCH OPERATIONS

1. Discuss the causes of reduced visibility.

2. Discuss how reduced visibility effects search operations, and related precautions.

3. Discuss the causes of turbulence.

4. Discuss how turbulence effects search operations, and precautions.

P-2024 DISCUSS STRATEGIES TO COMBAT HIGH ALTITUDE EFFECTS

1. Discuss the symptoms and dangers of the following:

a. Ear block.

b. Sinus block.

c. Hypoxia.

2. Discuss strategies used to combat these symptoms.

P-2025 DISCUSS COMMON SEARCH TERMS

1. Use and discuss search terms used during a typical mission:
a. Ground and Search track.

b. Maximum Area of Probability, Probability Area, and Probability of Detection.

c. Meteorological and Search visibility.

d. Scanning range.

e. Search altitude and Track spacing.

P-2026 IDENTIFY WHAT TO LOOK FOR AND RECORD DURING DAMAGE ASSESSMENT MISSIONS

1. Discuss how a disaster can effect CAP operations.

2. Discuss the types of questions you should ask yourself during DA sorties.

3. Identify and discuss the typical things you should look for during DA sorties.

4. State the information you should record during DA sorties.

5. Discuss the limitations of an air search for a missing person.

6. Discuss the limitations of a ground search for a missing person.

7. Discuss the limitations of a search for a missing person.

8. Discuss the limitations of a search for a missing person.

P-2027 DESCRIBE CAP SEARCH PATTERNS

1. Describe the following search patterns:

a. Route

b. Parallel

c. Creeping line

d. Expanding square

P-2028 DISCUSS CREW RESOURCE MANAGEMENT

1. Discuss situational awareness and how to regain SA once it is lost.

2. Describe barriers to communication.

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4. Describe barriers to communication.

3. Discuss task saturation and strategies to minimize it.

4. Discuss crew assignments and coordination of duties.
