

**Summary Report for Individual Task
011-228-2530**

**Conduct Vehicle/Vessel Observation
Status: Approved**

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD6 - This product/publication has been reviewed by the product developers in coordination with the Fort Rucker foreign disclosure authority. This product is releasable to students from foreign countries on a case-by-case basis.

Condition: In an OH-58A/C helicopter. Some iterations of this task should be performed in MOPP 4.

Standard: 1. P* will-

- a. Maintain airspeed as necessary.
- b. Maintain scan of all sectors outside the aircraft.
- c. Ensure sufficient aircraft PWR is AVAIL.

2. P will-

- a. Correctly identify and acquire vehicle/vessel.
- b. Maintain visual/TIS/HPIS contact with designated target.
- c. Correctly direct P* to maneuver aircraft to aid in maintaining target contact.

Special Condition: None

Safety Risk: Medium

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Crew actions.

a. The crew will select and announce an altitude, airspeed, and flight path necessary to maintain visual/TIS/HPIS contact with the designated vehicle/vessel. The crew will perform a visual/thermal identification of the vehicle/vessel. The P* must maneuver the aircraft as necessary to maintain visual/TIS/HPIS contact with the vehicle/vessel.

b. The P will operate selected mission equipment as necessary to gain information and maintain observation of the vehicle/vessel. Since the P will be concentrating on observing the vehicle/vessel, the P* must ensure that clearance of all other aircraft and ground obstacles is maintained by continually scanning outside the aircraft. The crew will announce "break off" or "disregard" at the completion of the operation.

2. Procedures.

a. The crew must acquire the target. Identify the vehicle/vessel of interest to the supported LEA. As soon as possible, note the distinctive characteristics of the target under each type of applicable observation mode. For example, unaided mode characteristics might include color, vinyl top, brake light in rear window, and broken tail light lens. NVG mode characteristics may include a misaligned headlight and the presence of a license plate light. The thermal signature from the target will indicate engine location and a heat pattern.

b. The crew must maintain target observation. To minimize the risk of the aircraft being detected, use the highest altitude possible that allows positive contact with the target. Increased urban background noise may camouflage lower altitude aircraft sounds that would be more readily noticed in a rural environment.

c. The crew must maintain situational awareness. General aviation traffic remains a hazard and must be "seen and avoided." The pilot must remain alert to changes in weather conditions and airspace.

d. Communication among crewmembers is the key to success for all TIS operations. The high P* workload in this task cannot be safely accomplished without effective cockpit communication and assistance from the P. It is likely that neither the P* nor the P on TIS will be able to maintain simultaneous contact with the target, communicate and coordinate their actions. One crewmember should maintain contact with the target at all times.

Note: The P* should refrain from fixating on the DMU during TIS operations.

3. NIGHT OR NIGHT VISION GOGGLES CONSIDERATIONS:

a. Apply common considerations.

b. NVG may become ineffective when a target moves into an urban, high ambient light level environment.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Evaluation will be conducted in the aircraft.

Evaluation Preparation:

Training will be conducted in the aircraft or academically.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. P* will—			
a. Maintained airspeed as necessary.			
b. Maintained scan of all sectors outside the aircraft.			
c. Ensured sufficient aircraft PWR is AVAIL.			
2. P will—			
a. identified and acquired vehicle/vessel.			
b. Maintained visual/TIS/HPIS contact with designated target.			
c. Directed P* to maneuver aircraft to aid in maintaining target contact.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TM 1-1520-228-CL	OPERATORS AND CREWMEMBERS CHECKLIST FOR ARMY MODEL OH-58A/C HELICOPTER	No	No
	TM 1-1520-228-MTF	MAINTENANCE TST FLIGHT MANUAL FOR ARMY MODEL OH-58A/C HELICOPTER	No	No
	TM 55-1500-228-10	Operator's Manual, Army Model OH-58A/C Helicopter	No	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None