

Summary Report for Individual Task
011-228-4150
Perform Hovering Control Rigging Checks
Status: Approved

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

Destruction Notice: None

Foreign Disclosure: FD5 - 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 all requesting foreign countries without restrictions.

Condition: In an OH-58A/C or in a TH-67 helicopter and given the aircraft MTF manual/CL.

Standard: 1. Hovering turns.

- a. Maintain a 3-foot HVR altitude, 1 foot.
- b. Position the aircraft into the wind.
- c. Turns not to exceed the rate of 90 in 4 seconds.

2. Sideward flight checks.

- a. Maintain heading into the wind.
- b. Maintain a 3-foot HVR altitude, 1 foot.
- c. Limit ground speed to a MAX of 5 knots.

3. Forward hovering flight checks - Maintain 5-foot altitude 1 foot during check.

Special Condition: NIGHT OR NIGHT VISION GOGGLES CONSIDERATIONS: Apply appropriate common considerations.
SNOW/SAND/DUST CONSIDERATIONS: Apply appropriate common considerations.

Safety Risk: Medium

MOPP 4:

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Crew actions.

a. The MP will ensure the checks are conducted IAW the appropriate aircraft MTF manual/CL. The MP may direct the RCM or non-crewmember to perform or assist in the required checks, but will verify that all checks have been completed. The exact procedure varies between the OH-58 and the TH-67 helicopter, as well as additional checks to be accomplished. The RCM or non-crewmember should assist the MP as directed and will ensure all warnings, cautions, and notes are reviewed and acknowledged.

b. The MP will determine the checks necessary for the TF (general/limited), and will brief the RCM or non-crewmember on what checks are necessary. The MP will stress flight safety considerations or procedures during the briefing. The MP will direct the RCM or non-crewmember to remain focused outside during the procedures, to include clearing the aircraft and maintain airspace surveillance and/or obstacle, (vehicles, equipment and personnel), avoidance as appropriate, and monitor the aircraft flight controls.

2. Procedures.

a. Perform the checks IAW the appropriate aircraft MTF manual/CL. Conduct a briefing to delineate the duties the MP and RCM or non-crewmember are required to perform. Check any equipment installed on the aircraft for which special detailed procedures are contained in section IV of the MTF. Use additional reference publications as required. The briefing will emphasize safety in flight operations. If this check is detailed with numerous steps to accomplish, the MP or RCM or noncrewmember performing the check will keep the other crewmember informed of the actions taken. Record data, as required, for the checks to be performed and verifying the instruments correlate with other supporting/specific instrument indications/readings as dictated by the appropriate aircraft MTF manual/CL.

b. The MP may dictate the recording be accomplished by the RCM or non-crewmember. At least one crewmember will focus attention outside the aircraft during this check to ensure obstacles and other aircraft are avoided during the maneuver. Once tasks and procedures are completed, the MP or RCM or non-crewmember will announce that the task has been completed.

Note: Confirm the aircraft maneuver area is sufficient and is clear prior to initiation of each of the following procedures:

(1) Hovering turns. Establish a stabilized 3-foot HVR into the wind. Note the aircraft heading. Make a smooth and controlled pedal turn 90° from the initial heading at a constant rate of turn. Smoothly return the aircraft to the initial heading. During the maneuver note that excessive pedal input, relative to current wind conditions, is not required during the maneuver. Repeat the check in the opposite direction.

(2) Sideward hovering flight checks. Reestablish as necessary, a stabilized 3-foot HVR into the wind. Smoothly initiate sideward flight to either side. During the maneuver note that no excessive control inputs are required, relative to current wind conditions, and that desired aircraft response is achieved. Neutralize the cyclic, and the aircraft should drift to a stop. Repeat the check to the opposite side.

(3) Forward hovering flight checks. Establish an approximate 5-foot HVR into the wind. While maintaining a 5-foot HVR height, apply sufficient forward cyclic to accelerate to ETL. Check cyclic response and rigging, abnormal vibrations, and/or flight control displacement.

(Asterisks indicates a leader performance step.)

Evaluation Guidance:

Evaluation will be conducted in the aircraft.

Evaluation Preparation:

Training will be conducted academically or in the aircraft.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Hovering turns.			
a. Maintained a 3-foot HVR altitude, ± 1 foot.			
b. Positioned the aircraft into the wind.			
c. Turns not to exceed the rate of 90° in 4 seconds.			
2. Sideward flight checks.			
a. Maintained heading into the wind.			
b. Maintained a 3-foot HVR altitude, ± 1 foot.			
c. Limited ground speed to a MAX of 5 knots.			
3. Forward hovering flight checks - Maintained 5-foot altitude ± 1 foot during check.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TM 55-1520-228-10	OPERATORS MANUAL FOR ARMY MODEL OH-58A/C HELICOPTER (REPRINTED W/BASIC INCL C1-9)	No	No
	TM 55-1520-228-CL	Operator's and Crewmember's Checklist: Army Model OH-58A Helicopter: Pilot's Checklist	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