

Summary Report for Individual Task  
011-218-1029  
Perform Preflight Inspection  
Status: Approved

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**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 a C-12 airplane and given the aircraft operator's manual/CL.

**Standard:** 1. Without error, perform the preflight inspections IAW the CL.

2. Correctly enter appropriate information on DA Form 2408-12 (Army Aviators Flight Record), DA Form 2408-13 (Aircraft Status Information Record), and DA Form 2408-13-1 (Aircraft Inspection and Maintenance Record).

3. Determine if inoperable items affect the mission by using the REL.

**Special Condition:** NIGHT CONSIDERATIONS: If time permits, accomplish the preflight inspection during daylight hours. During the hours of darkness, use a flashlight with an unfiltered lens to supplement available lighting. Hydraulic leaks, oil leaks, and other defects are difficult to see using a flashlight with a colored lens. FM 3-04.240 contains details about preflight inspection at night. Exercise caution to avoid bodily contact with antennae, static wicks and other aircraft protrusions. COLD WEATHER CONSIDERATIONS: 1. Brakes and tire-to-ground contact should be checked for freeze lockup. Besides the normal preflight exterior inspection, special attention should be given to all vents; openings; control surfaces; hinge points; and wing, tail, and fuselage surfaces for accumulation of ice or snow. Removal of all ice, snow and frost accumulation is required before takeoff. The wing contour may be sufficiently altered by the ice and snow to cause its lift qualities to be seriously impaired and result in the loss of lift and cause adverse stall characteristics. 2. Propeller blades and hubs will be inspected for ice and snow. Unless engine inlet covers have been installed during snow and freezing rain conditions, the propellers should be turned by hand in the direction of normal rotation to verify they are free to rotate before starting the engines. Remove snow, frost, and ice accumulations IAW procedures described in the operators manual. After contamination removal from the airframe a full range of motion for all flight controls must be verified. DESERT AND HOT WEATHER CONSIDERATIONS: Check that the landing gear struts are free of sand and grit and the aircraft interior is free of an accumulation of sand and dust.

**Safety Risk:** Medium

**MOPP 4:**

<b>Task Statements</b>
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**Cue:** None

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
None

**Remarks:** None

**Notes:** None

## Performance Steps

### 1. Crew actions.

a. The PC is responsible for ensuring that a preflight inspection is conducted using the aircraft CL. He or she may direct the PI to complete elements of the aircraft preflight inspection and will verify that all checks have been completed. The PC will report any aircraft discrepancies that may affect the mission and will ensure that the appropriate information is entered on DA Forms 2408-12, 2408-13, and 2408-13-1.

b. The PC or PI will complete the assigned elements.

### 2. Procedures.

a. The PC will ensure a proper preflight is conducted, all checks are verified using the CL and enter appropriate information on DA Form 2408-12 and 2408-13-1.

b. Crewmember(s) will complete the preflight as directed. The PC will ensure the aircraft meets the required preflight inspection criteria.

(Asterisks indicates a leader performance step.)

#### Evaluation Guidance:

Evaluation will be conducted in the aircraft.

#### Evaluation Preparation:

Training will be conducted in the aircraft.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed the preflight inspections IAW the CL.			
2. Correctly entered appropriate information on DA Form 2408-12 (Army Aviator's Flight Record), DA Form 2408-13 (Aircraft Status Information Record), and DA Form 2408-13-1 (Aircraft Inspection and Maintenance Record).			
3. Determined if inoperable items affect the mission by using the REL.			

#### Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TM 1-1510-218-10	OPERATORS MANUAL FOR ARMY C-12C, C-12D, C-12T1, AND C-12C2 AIRCRAFT	No	No
	TM 1-1510-218-CL	OPERATORS AND CREWMEMBERS CHECKLIST FOR ARMY C-12C AIRCRAFT (NSN 1510- 01-070-3661);ARMY C-12D AIRCRAFT (1510-01-087-9129);ARMY C-12T AIRCRAFT (1510-01-470-0220)	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 FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET 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