

Report Date: 16 May 2014

Summary Report for Individual Task
011-218-4939
Perform Engine-Acceptance Check-Engine Performance at Maximum Continuous-Cruise Power
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 a C-12 airplane with access to the MTF manual.

Standard: Appropriate common standards outlined in chapter 4 and chapter 5.

Special Condition: None

Safety Risk: Medium

MOPP 4:

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Crew action. The MP will ensure the checks are conducted according to the appropriate aircraft MTF manual. The MP may direct the P to perform or assist in the required checks, but the MP will verify that all checks have been completed. The exact procedure varies between various models of the C-12. The MP will determine the checks necessary for the test flight (general/limited), and will brief the P. The MP will stress flight safety considerations or procedures during the briefing.

2. Procedures. Perform the checks according to the appropriate aircraft MTF manual. Conduct a briefing to delineate the duties the MP and P are required to perform. The briefing will emphasize safety in flight operations. The MP will obtain the necessary ATC clearances for the altitudes being flown. Prior to the individual check, review the task in the MTF to ensure all items required are noted for data recording. If required, differential power may be required to meet the MTF criteria for the check. Refer to the appropriate aircraft MTF manual for the conditions to be set for the check. Record data, as required, for the checks to be performed and set power as dictated by the appropriate MTF manual. The MP may dictate the recording be accomplished by the P. At least one crewmember will focus attention outside the aircraft during this check to ensure obstacles and other aircraft are avoided. Once tasks and procedures are completed, the MP or P will announce that the task has been completed.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Evaluation will be conducted in the aircraft.

Evaluation Preparation: Training will be conducted academically and in the aircraft or simulator.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Ensured the checks are conducted according to the appropriate aircraft MTF manual.			
2. Directed the P to perform or assist in the required checks.			
3. Verified that all checks have been completed.			
4. Determined the checks necessary for the test flight (general/limited), and briefed the P.			
5. Stressed flight safety considerations or procedures during the briefing.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	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
	TM 55-1510-218-MTF	MAINTENANCE TEST FLIGHT MANUAL FOR ARMY MODEL C-12C, C-12D, AND C-12F AIRCRAFT	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