

Summary Report for Individual Task
011-218-1210
Perform Holding Procedures
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 series airplane, in IMC.

Standard: 1. Execute holding IAW FM 3-04.240, AIM, and DOD FLIP and Host Country regulations.

2. Correctly tune and identify the appropriate navigational aids (NAVAIDs).

3. Correctly enter holding pattern.

4. Adjust speed to cross the fix at or below MAX holding speed.

5. Comply with ATC reporting requirements.

6. Correctly time and track holding pattern legs.

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 actions.

a. The P* main focus will be on the aircraft instruments. The P* will announce all frequency changes, instrument settings, and ATC information that the P does not monitor.

b. The P will assist by keeping the area cleared when operating in VMC and tuning the required frequencies when requested by the P*. The P will note holding pattern instructions and verify pattern location and entry leg. The P will verify all frequency changes requested by the P*, follow the position of the aircraft on the chart, make the required radio transmissions, and be the timekeeper when requested by the P*.

2. Procedure. The P*, assisted by the P, will perform the following procedures:

a. **Timed holding.** Adjust to holding airspeed within 3 minutes of the fix. Before arrival at the holding fix, analyze holding instructions to determine holding pattern location and proper entry. Upon arrival at the holding fix, turn (if required) to the predetermined outbound heading. Have the P note the time and make the appropriate report to ATC. Check navigation instruments to confirm the aircraft location in relation to the inbound course. Maintain the outbound heading IAW the DOD FLIP or as directed by ATC. After the appropriate time outbound, turn to the inbound heading. Apply normal tracking procedures to maintain inbound course. Have the P verify the time required to fly the inbound leg. Adjust subsequent outbound leg elapsed time to obtain the desired inbound leg time or IAW appropriate host nation procedures. When holding at a NAVAID or a GPS WPT, begin outbound time when 90 degrees abeam the station. When holding at an intersection, begin the outbound time upon establishing the outbound heading (wings level).

b. **DME Holding.** Before arrival at the holding fix (normally a radial and DME fix from a VORTAC/tactical air navigation [TACAN] station), determine holding pattern and entry. When within 3 minutes of the holding fix, adjust airspeed as appropriate for holding. Upon arrival at the holding fix, announce the arrival and turn (if required) to the predetermined outbound heading. Have the P note the time, and make the appropriate report to ATC. Check navigation instruments to confirm the aircraft's location in relation to the inbound course. The length of the outbound leg will be attained as specified IAW DOD FLIP or as directed by ATC. Begin inbound turn at the appropriate DME point and apply normal tracking procedures to maintain inbound course.

c. **FMS Holding.** Prior to arriving at the holding fix ensure the FMS has been properly programmed IAW the operators manual and the holding clearance received. Verify the course, direction of turn and leg length prior to arming the holding pattern. Upon entry verify the Flight Director is in the correct pattern.

(Asterisks indicates a leader performance step.)

Evaluation Guidance:

Evaluation will be conducted in the aircraft or in an approved FS.

Evaluation Preparation:

Training will be conducted in the aircraft or in an approved FS.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Executed holding IAW FM 3-04.240, AIM, and DOD FLIP and Host Country regulations.			
2. Correctly tuned and identified the appropriate navigational aids (NAVAIDs).			
3. Correctly entered holding pattern.			
4. Adjusted speed to cross the fix at or below MAX holding speed.			
5. Complied with ATC reporting requirements.			
6. Correctly timed and tracked holding pattern legs.			

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