

**BY ORDER OF THE
SECRETARY OF THE AIR FORCE**

**AFI 11-2C-141V3 CL-3
1 JUNE 2000**



Flying Operations

EMPLOYMENT

**COMBAT OPERATIONS CHECKLISTS –
COCKPIT CREW**

This checklist establishes procedures for the operation of C-141 aircraft employed by Mobility Air Forces (MAF) to accomplish their worldwide missions.

This checklist complements AFI 11-2C-141V3, *C-141 Operations Procedures*, and is printed on standard 8 ½” x 11” bond paper then trimmed to a unique size 4 ½ “ x 6 ½” that will fit the standard plastic C-141 aircrew checklist binders. Units may request copies of this checklist printed on a water proof-based media (in the size outlined) from the OPR. This product reduces weight and eliminates the need for plastic inserts. Limit water proof copies to aircrew only for use in-flight and training purposes.

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COMBAT ENTRY CHECKLIST

1. "CREW, COMBAT ENTRY CHECKLIST" (P)
"ACKNOWLEDGED" (CP,N,E,S,LM)
2. Altimeters - "STATE SETTING" (CP, P, N, E)
3. Crew Briefing - "AS REQUIRED" (P)
4. No Smoking Switch - "ON" (P)
5. Pressurization - "AS REQUIRED"
6. Engine Bleed Air Valves - "AS REQUIRED"
7. Command Markers - "SET" (CP, P)
8. Survival Equipment - "SECURED" (CP, P, N, E, S, LM)

WARNING

All personnel required to be mobile in the cargo compartment will don helmets, if available at this time.

9. Continuous Ignition - "ON" (P)
10. Internal and External Lights - "SET" (CP, P, N, E, LM)
11. IFF - "SET" (AS REQUIRED) (CP)
12. Nav and Comm Radios - "AS REQUIRED" (CP)
13. Radar Altimeter-"ON AND SET, STATE SETTING" (P)
14. Radar - "AS REQUIRED" (P, N)
15. Fuel Panel - "SET" (E)
16. Loose Items - "SECURED" (LM, S)
17. Observers - "IN POSITION" (LM, S)
- *18. Defensive System - "ARMED".(P, CP, N, E, S, LM)

*18.1. DS-1 – SET

- a. ALE-40 Programmer Controls – “SET” (N/S)
- b. CCU Controls – “SET” (N/S)
 - 1. CCU ARM/SAFE/TEST Switch – ARMED
 - 2. CCU Flare MAN/PROG Switch – PROG
- c. CCU Remote Dispense Switch – “ON” (N/S)
- d. EMI Filter Pins (3) and EMI Filter Switches (3) – “REMOVED AND OPERATE” (LM)
- e. MWS Power Button – “ON” (P)
- f. Auto Dispense Control Switch – “AUTO” (P)

*18.2. DS-2 – SET

- a. MWS CI Power Button – “SET” (N/S)
- b. CMDS CDU – “SET” (N/S)
 - 1. JETT Switch - OFF
 - 2. FL Switch – ON
 - 3. Mode Control Knob - MAN
- c. INDICATOR/ARM/CONTROL, ARM/SAFE Switch – “ARMED” (N/S)
- d. Remote Dispense Control – “ENABLED” (N/S)
- e. EMI Filter Pins (5) – “REMOVED” (LM/S)
- f. Auto Dispense Control Switch – “AUTO” (P)

*18.3. DS-3 - SET

- a. ALE-40 Programmer Controls – “SET” (N/S)
 - b. CCU Controls – “SET” (N/S)
 - 1. CCU ARM/SAFE/TEST Switch – ARM
 - 2. CCU MAN/PROG Switch - PROG
 - c. REMOTE DISPENSE Switches – “SET” (N/S)
 - 1. COCKPIT DISP Switch – AS REQUIRED
 - 2. CARGO DISP Switch – AS REQUIRED
 - d. EMI Filter Pins (6) and EMI Filter Switches (6) – “REMOVED AND OPERATE” (LM/S)
 - e. AAR-44 Controls – “SET” (N/S)
 - 1. AAR-44 STBY/OPER Switch - OPER
 - 2. AAR-44 CM INHIBIT/CM INPUT Switch – CM INPUT
 - f. AAR-44 DISP CHAFF INHIBIT/ENABLE Switch – “INHIBIT” (N/S)
 - g. AAR-44 DISP FLARE INHIBIT/ENABLE Switch – “ENABLE” (N/S)
19. Combat Entry Checklist - “COMPLETED” (LM, E)

COMBAT OFF-LOAD CHECKLIST

CAUTION

To combat offload, a taxiway/ramp of at least 1,000 feet is required; however, 1500 is desired to provide a margin of safety.

NOTE: Complete the after landing and before takeoff checklist, as appropriate, according to T.O. 1C-141B-1.

PREPARATION CHECKLIST

1. "COMBAT OFF-LOAD PREPARATION CHECKLIST"
(P) - "ACKNOWLEDGED" (E, S, LM)
2. Crew Briefing - "COMPLETED" (P)

NOTE: The loadmaster may clear off interphone following the crew briefing to perform preparation duties.

NOTE: The scanner will maintain constant interphone contact with the pilot during the offload. Ensure the interphone/PA system is operational.

3. Preparation Checklist - "COMPLETED"
(CP, P, N, E, S, LM)

OFF-LOAD CHECKLIST

1. "OFF-LOAD CHECKLIST" (P) - "ACKNOWLEDGED"
(S, E)
2. Petal Doors and Ramp - "CLEARED TO OPEN" (P)
"OPEN" (LM)

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CAUTION

Before opening or closing the petal doors while taxiing, the pilot must evaluate the taxi conditions. If the taxi surface grade varies excessively, the petal doors may contact the ground. Do not taxi with the ramp below the horizontal position.

CAUTION

The petal doors will be in the 80 degree position. The cargo ramp will be in the horizontal position with the ADS links connected for the combat offload.

3. Brakes - "SET" (P)
4. Scanners Report - "READY TO OFFLOAD" (S)

WARNING

The scanner will ensure the loadmaster is ready to offload before giving this response.

WARNING

The loadmaster and scanner will assume a position forward of the cargo after all other personnel are clear and forward of all cargo. Maintain visual surveillance of the load during the offload sequence.

5. Power - "SET, 1.3 EPR" (P)

NOTE:

The pilot will set power at 1.3 EPR while holding the brakes.

6. Brakes - "READY, READY, RELEASED" (P)

WARNING

The nose of the aircraft will pitch up due to shifting center of gravity. **DO NOT** retard throttles. **DO NOT** apply brakes except in an emergency. Apply brakes evenly if used for an emergency.

CAUTION

Ensure brakes are not released until 1.3. EPR is reached and maintained. Ensure brakes are released evenly and cleanly

7. Load Status - "ALL CLEAR" (S)

NOTE:

The scanner will advise the pilot when all pallets/platforms have been offloaded.

8. Brakes - "SET" (P)

NOTE:

Repeat items 3, 4, 5, 6, 7, and 8 for every offload to be accomplished.

9. Pilots PA Switch - "INTERPHONE" (P)

10. Petal Doors and Ramp - "AS REQUIRED" (S)

NOTE: Petal doors may be closed while taxiing.

11. Pressure Door - "AS REQUIRED" (S)

12. Offload Checklist - "COMPLETED" (P, E, S, LM)

COMBAT EXIT CHECKLIST

1. "CREW, COMBAT EXIT CHECKLIST" (P)
"ACKNOWLEDGED" (CP, N, E, S, LM)
2. Observers - "CLEARED TO REPOSITION" (P)
3. Battle Damage Assessment - "COMPLETE"
(CP, P, N, E, S, LM)
4. Survival Equipment - "AS REQUIRED"
(CP, P, N, E, S, LM)
5. Fuel Panel - Set (E)
6. Pressurization - "AS REQUIRED" (P, E)
7. IFF - "SET" (CP)
8. NAV and COMM Radios - "SET" (CP)
9. Radar Altimeter - "AS REQUIRED" (P, N)
10. Radar - "AS REQUIRED" (P, N)
11. Internal and External Lights - "SET" (CP, P, N, E, LM)
12. Continuous Ignition - "AS REQUIRED" (P)
- *13. Defensive System - "SAFE" (P, CP, N, E, S, LM)
 - *13.1. DS-1 - SET
 - a. CCU ARM/SAFE/TEST Switch - "SAFE" (P)
 - b. CCU REMOTE DISPENSE Switch - "OFF" (P)
 - c. Auto Dispense Control Switch - "MANUAL" (P)
 - d. EMI Filter Pins (3) - "INSTALLED" (LM)
 - e. MWS CI Power Button - "OFF" (P)

***13.2. DS-2 - SET**

- a. CMDS CDU – “SET” (N/S)
 - 1. FL Quantity – CHECKED
 - 2. Mode Control Knob – OFF
 - 3. FL Switch – OFF
 - 4. JETT Switch - OFF
- b. INDICATOR/ARM CONTROL, ARM/SAFE Switch – “SAFE” (N/S)
- c. REMOTE DISPENSE CONTROL Switch – “DISABLE” (N/S)
- d. AUTO DISPENSE CONTROL Switch–“MANUAL” (P)
- e. EMI Filter Pins (5) – “INSTALLED” (LM/S)
- f. MWS CI Power Button – “OFF” (P)

***13.3. DS-3 - SET**

- a. CCU ARM/SAFE/TEST Switch – “SAFE” (N/S)
 - b. AAR-44 DISP CHAFF/FLARE INHIBIT/ENABLE Switches – “INHIBIT” (N/S)
 - c. AAR-44 CM INHIB/CM INPUT Switch – “CM INHIB” (N/S)
 - d. AAR-44 STBY/OPER Switch – “AS REQUIRED”
 - e. EMI Filter Pins (6) – “INSTALLED” (LM/S)
14. Combat Exit Checklist – “COMPLETED” (E)

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