

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

**AFI 11-2C-5V3, CL-11
1 JANUARY 2000**



Flying Operations

C-5 SPECIAL OPERATIONS (SOLL II)

Hot Refueling (Ground Crew) Checklist Insert

This checklist establishes procedures for the operation of C-5 aircraft employed by Mobility Air Forces (MAF) to accomplish their worldwide missions. It does not apply to Air National Guard and US Air Force Reserve units.

This checklist complements AFI 11-2C-5V3, *C-5 Operations Procedures*, and is printed on standard 8 1/2" x 11" bond paper then trimmed to a unique size 4 1/2" x 6 1/2" that will fit the standard plastic C-5 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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Supersedes MCI 11-205, Volume 27, Annex G
OPR: HQ AMC/DOV (Maj Shepherd)
Certified by: HQ USAF/XOO (Maj Gen Michael S. Kudlacz)
Number of Printed Pages: 5 Distribution: F

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PRE-HOT REFUELING UNKNEELING

1. "OFFLOAD COMPLETE, RAMP CLOSING, CLEAR TO UNKNEEL" (LM)
2. Visor - CLOSED
3. Nose Landing Gear - "UNKNEELED" (E)
4. Crew Entrance Ladder - POSITIONED

PRE-HOT REFUELING CHECKLIST

1. Hot Brake Check - "COMPLETED" (LS, RS)
2. Refueling Equipment - "POSITIONED" (LS, RS)
3. Refueling Nozzle - "CONNECTED AND CHECKED" (LT SPM, RT SPM)
4. FAM Cart (if used) - "SET" (LS, RS)
5. Leak Check - "COMPLETED" (LS, RS)
6. FAM Cart Fuel Tank (if used) - Filled to One-Half Full
7. FAM Cart Engine (if used) - STARTED (LS, RS)
8. Pre-Hot Refueling Checks - "COMPLETED" (LS, RS, E)

HOT REFUELING CHECKLIST

1. FAM Cart Engine (if used) - STARTED (LS, RS)
2. Receivers - "READY" (LS, RS)
3. FAM Cart (if used) - SET (LS, RS)
4. Fuel Offload - "COMPLETED" (LS, RS)
5. Receiver Refuel Nozzle - DISCONNECTED
6. Hot-Refueling Checks - "COMPLETED" (LS, RS, E)

POST-HOT REFUELING CHECKLIST

1. FAM Cart (if used) - SET (LS, RS)
2. External Pump - CONNECTED (SPM)
3. External Pump - ON (SPM)
4. Pump Leak Check - COMPLETED (SPM)
5. Refueling Hoses - DRAINED (LS, RS)
6. External Pump - OFF (SPM)
7. Refueling Hose - DISCONNECTED FROM EXTERNAL PUMP (SPM)
8. Refueling Nozzle - "DISCONNECTED" (LT SPM, RT SPM)
9. SPR Cap - INSTALLED/LOCKED (SPM)
10. Post-Hot Refueling Checks - "COMPLETED" (LS, RS, E)

POST-HOT REFUELING KNEELING

1. "VISOR CLEARED TO OPEN" (E)
2. Visor - OPEN
3. Crew Entrance Door Ladder - POSITIONED
4. Crew Entrance Door and Kneeling Configuration - "COMPLETED, CLEAR TO KNEEL" (S)
5. Nose Landing Gear - "KNEELED" (E)
6. Forward Ramp - POSITIONED
7. Airplane - CLEARED TO ONLOAD

EMERGENCY PROCEDURES**FUEL SPILL/LEAK**

1. Shut down refueling operation (HRS, SPM, E)
2. Determine cause of leak (HRS)
3. Repair or replace hose or nozzle (HDP, SPM)
4. If unrepairable, terminate refueling operation (HRS, P)
5. Soak up any fuel spill (HRS, HDP, SPM)

SAFETY CLEARANCE COMPROMISED

1. Shutdown refueling operation (HRS, E)
2. Correct unsafe condition (HRS)

FIRST AID FOR PERSONNEL SPRAYED WITH FUEL

1. Immediately flood the contaminated area with large quantities of water and wash with soap, if possible.
2. Remove all contaminated clothing.
3. Continue irrigation of the contaminated area with water as long as the burning persists.

FAM CART MALFUNCTION

1. Close emergency fuel valve by rotating the handle down (HRS)
2. Engine - SHUTDOWN (HRS)
3. Close fuel control valves (HRS)
4. Close dry break coupling valves, disconnect hoses from FAM cart for FAM cart leak (HRS)
5. Soak up any fuel spill (HRS, SPM, HDP)

FIRE/EXPLOSION

1. Shut down refueling operation (HRS)
2. Disconnect refuel nozzle from tanker and receiver aircraft (SPM, HDP)
3. Move refuel hose away from tanker and receiver aircraft (SPM, HDP)
4. Move tanker aircraft from the area (HRS, E, P)

EMERGENCY FARP EGRESS CHECKLIST

1. Refueling Hoses and Equipment - "DISCONNECTED" (SPM)
2. Ground Clearance - "ALL CLEAR" (S)

EMERGENCY QUICK START CHECKLIST

1. Refueling Hoses and Equipment - "DISCONNECTED" (SPM)
2. Fuel Boost Pumps - AS REQUIRED (E)
3. Clear to Start Engines - "ENGINES CLEAR TO START" (S)
4. Applicable Engines - "STARTING ENGINES _____ AND _____" (P)
5. Quick Start Checklist - "COMPLETED" (P, E, S)

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