

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

**AFI 11-2C-141V3 CL-5
1 JUNE 2000**



Flying Operations

AIRDROP CHECKLIST - 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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FORMATION LEAD BRIEFING

1. Weather
2. Mission Procedures
 - a. Command and Lead
 - b. Marshaling Plan, Chalk Numbers, Spares
 - c. Loading Plan, Fuel Requirements
 - d. Forms - Clearance, DD-365-4, Flight Plan, Manifest
 - e. SKE Information
 - (1) Slot Number Assignment
 - (2) Designation of Master/Deputy Master
 - (3) Operating Frequency
 - f. Times:
 - (1) Stations
 - (2) Engine Start
 - (3) Taxi(4) Takeoff
 - (5) TOT
 - g. Taxi Route
 - h. Active Runway
 - i. Takeoff Power Setting/Interval
 - j. Assembly
 - k. IFR Ascent
 - l. Airspeed/Altitudes:
 - (1) Acceleration
 - (2) Slowdown for Drop
 - (3) Escape from DZ
 - (4) Recovery

m. Navigation:

- (1) Turn Points
- (2) Emergency Safe Altitude
- (3) Orbit Points - Primary, Alternate, Force Rendezvous.
- (4) Initial and Slowdown Point

n. Zone Marker Location

o. Airdrop Data:

- (1) DZ Size
- (2) Markings and Location - Point of Impact, Timing Points, Trailing Edge, Centerline
- (3) Elevation - Point of Impact, Highest Point on DZ
- (4) Usable DZ Length - Yards/Seconds
- (5) Carp/SKE Drop - Timing/Cross Track
- (6) Load and Parachute Information

p. DZ Procedures - Escape/Racetrack

q. Return Route

r. Recovery/Landing

s. After Landing/Taxi Procedures

t. Emergency Airfields, Restricted Areas, Terrain and Obstructions

u. Abort Procedures:

- (1) Ground:
 - (a) Taxi Procedures for Ground Abort
 - (b) Specific Instructions for use of Spare Aircraft
- (2) In-flight:
 - (a) Emergency
 - (b) Weather (Inadvertent Penetration)

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- (3) SKE Malfunction
- (4) Lead Changes
- (5) Latest Takeoff Time to Join Formation
(Include Location(s) and Altitude for Join-Up)

v. Communications:

- (1) Call Signs
- (2) Taxi and Takeoff
- (3) En route and DZ
- (4) Landing
- (5) Emergency
- (6) Fighter/FAC
- (7) Use of IFF/SIF
- (8) COMSEC, Authentication, Radio Discipline

w. Schedule for Further Briefing(s)/Debriefing

x. NOTAMS

**PILOT/NAVIGATOR/LOADMASTER/
JUMPMaster BRIEFING**

- 1. Route and Weather
- 2. Number of Jumpers
- 3. Doors Open Profile Altitude (AGL)

WARNING

Pilot must advise the loadmaster when altitude will be below 800 feet (AGL) with the doors open. Restraint Harness must be worn for door open operations below 800 feet (AGL).

- 4. Time(s) Over Target (T.O.T)

5. Loadmaster - Jumpmaster Coordination
 - a. Visual and Verbal Signals:
 - (1) Time Warnings
 - (2) Winds
 - (3) No-Drop Notification
 - (4) Steering Adjustments for JM Directed Drops
 - b. Cabin Lighting
 - c. Raising of Troop Seats
 - d. Anchor Cable(s) to be Used
 - e. Signal when all Jumpers are Hooked Up
 - f. Troop Door Procedures:
 - (1) Static Line Control
 - (2) Positioning/Ejecting of Door Bundles
 - g. Static Line Retrieval Method
 - h. Towed Parachutist
 - (1) Jumpmaster/Safety Actions
 - (2) Loadmaster Actions
 - i. HALO/HAHO
 - (1) Oxygen Requirements
 - (2) Arming Time for Automatic Rip Cord
6. Manifests
7. Weight and Balance
8. Hazardous Materials
9. Configuration of Aircraft for Subsequent Sorties

NAVIGATORS DROP BRIEFING

1. Type Drop - Technique to be used
2. Drop Zone Axis
3. Desired Heading
4. Expected Drift
5. Position of CARP/HARP
6. Indicated Airspeed and Altitude for Drop
7. AGL Altitude for Drop

NAVIGATOR DUTIES (LEAD OR SINGLE SHIP)

1. Briefings
2. Flight Plan
3. CARP/HARP Computation
4. CARP/HARP Coordination
5. Check Load/Troops for Weight and Chute Configuration
6. Mark Load
7. Aircraft Preflight
8. Ground Warnings
9. Takeoff Abort Calls
10. Course and ETA Tolerances
11. Airborne Checklists/Advisory Sequence
12. Slowdown
13. Drop Zone Alignment/Beacon Identification
14. Airdrop
15. Post Drop Procedures

AIRCRAFT COMMANDER'S AIRCREW BRIEFING

1. Introduction of Crew Members
2. Mission Requirements:
 - a. Purpose
 - b. Call Sign and Formation Position
 - c. Times - Air Force Station, Engine Start, Taxi, Takeoff, and Final Landing
 - d. Fuel Requirements
 - e. Load and Drop Sequence
 - f. Routing, Checklist Timing, and TOTs
 - g. Transportation
 - h. FCB, FCIF, Manuals Currency
3. Special Requirements
 - a. Forms
 - b. Security
 - c. Trip Kits
 - d. Navigation Kits
 - e. Authenticators
 - f. Intelligence
 - g. Debriefing
4. Personal Requirements
 - a. Proper Clothing
 - b. Personal Equipment/Parachutes
 - c. ID Cards
 - d. Dog Tags
 - e. Immunizations

- f. Passports
- g. Flashlights
- h. TDY Orders
- 5. Copilot Duties
 - a. ADS Operation
 - b. Checklists
 - c. Navigation/Map Reading
 - d. INS/FSAS Operation
- 6. Navigator Duties
 - a. Checklists and Advisories
 - b. Radar Operation and Configuration
 - c. CARP/HARP Briefing
- 7. Flight Engineer Duties
 - a. Performance Data
 - b. Pressurization Procedures
- 8. Special Radio Procedures
 - a. Interphone and Radio Discipline
 - b. Aborted Takeoff
 - c. Countdown to CARP
 - d. Notification of "No Drop"
 - e. Use of the Word Green
- 9. Emergency Procedures
 - a. Ditching
 - b. Ground Evacuation
 - c. Emergency Bailout
 - d. Towed Parachutist/Equipment Malfunction

AIRCRAFT LIGHTING

1. Day
 - a. Navigation Lights - ON
 - b. Anti-Collision Lights - ON
2. Night
 - a. Ground Operations
 - (1) Navigation Lights - ON
 - (2) Anti-Collision Lights - ON
 - (3) Formation Lights - Bright
 - (4) Cargo Compartment Lights - As Required
 - b. Takeoff and En Route
 - (1) Navigation Lights - ON
 - (2) Anti-Collision Lights - ON
 - (3) Formation Lights - Bright
 - (4) Wing Leading Edge Lights - ON (Element Leads Only) for VFR Takeoff Until Wing Aircraft are in Position
 - (5) Cargo Compartment Lights - As Required
 - c. Landing
 - (1) Navigation Lights - ON
 - (2) Anti-Collision Lights - ON
 - (3) Formation Lights - ON
 - (4) Cargo Compartment Lights - As Required
 - (5) Leading Edge Lights - As Required
 - (6) Landing Lights - As Required

TABLE OF COMMANDS**VERTICAL IFR TAKEOFF**

_____ SECTION _____, PREPARE FOR IFR TAKEOFF.
BASE HEADING _____ (If not as planned)
BASE AIRSPEED _____ (If not as planned)
BASE ALTITUDE _____
STACK UP/DOWN _____
ALTIMETER SETTING _____
ACKNOWLEDGE.

**VERTICAL IFR COURSE/HEADING/AIRSPEED
ALTITUDE/ALTIMETER CHANGES**

_____ SECTION _____, NEW (BASE COURSE,
ALTITUDE, ALTIMETER SETTING) IS _____,
ACKNOWLEDGE
_____ SECTION _____, (TURN, DECELERATE,
ACCELERATE, CLIMB, DESCEND) NOW.

NOTE: Heading changes on prebriefed routes/flight plan
need not be announced.

IFR CLIMB/DESCENT

_____ SECTION _____, PREPARE FOR IFR
CLIMB/DESCENT.
BASE COURSE/HEADING _____ (If not as planned)
BASE AIRSPEED _____ (If not as planned)
STACK UP/DOWN _____
ALTIMETER SETTING _____
DESCENT RATE _____ FPM
ACKNOWLEDGE.

_____ SECTION _____ , CLIMB/DESCEND NOW.

(When lead aircraft becomes VFR on descent)

_____ SECTION _____ , BASE OF CLOUDS _____
FEET, CONTINUE DESCENT TO _____ FEET AND
REPORT VMC.

ACKNOWLEDGE.

VFR REJOIN

_____ FLIGHT _____ , JOIN VFR - NOW.

ACKNOWLEDGE.

EMERGENCY WEATHER PENETRATION

_____ FLIGHT, EMERGENCY WEATHER
PENETRATION.

BASE HEADING _____,

BASE ALTITUDE _____,

EXECUTE NOW.

ACKNOWLEDGE.

SECOND/THIRD/FOURTH ELEMENT EXECUTE NOW.

**(Serial lead will announce base altitude as soon as
practical)**

FORMATION LEAD CHANGE

_____ FLIGHT _____ , PREPARE TO EXECUTE
FORMATION LEAD CHANGE.

_____ (Call sign - Number 2 aircraft) MOVE FORWARD
AND ASSUME LEAD.

ACKNOWLEDGE.

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ECHELON

_____ FLIGHT, ECHELON LEFT/RIGHT - NOW.
ACKNOWLEDGE.

SLOWDOWN

_____ FLIGHT, PREPARE TO SLOWDOWN.
_____ FLIGHT, SLOWDOWN TIME IS - NOW.

DROP ZONE WIND

_____ FLIGHT, DROP WIND IS _____ DEGREES
MAGNETIC/TRUE AT _____ KNOTS.

POST DROP VERTICAL IFR ASSEMBLY

_____ FLIGHT _____, PREPARE FOR POST DROP
IFR ASSEMBLY.

BASE COURSE/HEADING _____ (If not as planned)

BASE AIRSPEED _____ (If not as planned)

BASE ALTITUDE _____

STACK UP/DOWN _____

ALTIMETER SETTING _____

ACKNOWLEDGE.

(Over the ascent point, lead will announce)

_____ FLIGHT _____, BREAK NOW.

PERSONNEL AIRDROP CHECKLIST

Prior to initiating the pre-slowdown checklist, the flight engineer will provide pilots with a completed MAJCOM approved drop data form. For subsequent drops or routes, re-accomplish applicable items contained in appropriate checklist.

PERSONNEL PRE-SLOWDOWN CHECKLIST

1. 'PRE-SLOWDOWN CHECKLIST" (N)
"ACKNOWLEDGED (LM, E)
2. De-pressurization - COMPLETED
3. Air Deflectors - "ARMED" (P)
4. Air Delivery Switch - "ZM" (P) (SKE drops only)
5. Number Three Hydraulic System - ON
6. Altimeter - "STATE SETTING" (CP, P, N, E)
7. Red Light - "ON" (CP)
8. Command Markers - "SET" (CP, P)
9. Pre-Slowdown Checklist - "COMPLETED" (LM, E)

PERSONNEL SLOWDOWN CHECKLIST

1. "SLOWDOWN CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM)
2. Floor Heat and Air Conditioning Master Switches - OFF
3. Paratroop Door(s) - "CLEARED TO OPEN" (P)
4. SKE Secondary Control Panel - "SET" (N) (SKE only)
5. Floor Heat and Air Conditioning Master Switches - As Required
6. Slowdown Checklist - "COMPLETED" (LM, E)

PERSONNEL ONE MINUTE ADVISORY

1. "CREW, ONE MINUTE ADVISORY" (N) -
"ACKNOWLEDGED" (LM)

PERSONNEL CARP CHECKLIST

1. "TEN SECOND ADVISORY" (N)
2. "GREEN LIGHT" (N) Green Light Switch - ON (CP)
"ALL CLEAR" or "MALFUNCTION" - LM
3. "RED LIGHT" (N) Green Light Switch - OFF (CP) "RED
LIGHT IS ON" (CP)

PERSONNEL POST DROP CHECKLIST

** Items to be re-accomplished for racetrack.*

- *1. "POST DROP CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM, E)
- *2. Floor Heat and Air Conditioning Master Switches - OFF
- *3. Paratroop Doors - "AS REQUIRED" (LM)
- *4. Floor Heat and Air Conditioning Master Switches - As
Required
5. SKE Secondary Control Panel - "SET" (N) (SKE only)
6. Air Delivery Switch - "OFF" (P) (SKE only)
7. Flaps - "FLAPS UP" (P) "FLAPS ARE UP" (CP)
- *8. Loadmasters Post Drop Checklist - "COMPLETED" (LM)
9. Number Three Hydraulic System - OFF
10. Air Deflector Arm Switch - "OFF" (P)
11. Red Light Switch - "OFF" (CP)
12. Pressurization - "AS REQUIRED" (P)
- *13. Airdrop Data - REVISED (for subsequent passes)
- *14. Post Drop Checklist - "COMPLETED" (E)

EQUIPMENT AIRDROP CHECKLIST

Prior to initiating the pre-slowdown checklist, the flight engineer will provide pilots with a completed MAJCOM approved drop data form. For subsequent drops or routes, re-accomplish applicable items in appropriate checklist.

EQUIPMENT PRE-SLOWDOWN CHECKLIST

1. "PRE-SLOWDOWN CHECKLIST" (N) -
"ACKNOWLEDGED" (LM, E)
2. De-pressurization - COMPLETED
3. Air Delivery Switch - "ZM" (P) (SKE only)
4. Door Arming Switch - "ARMED" (P)
5. Floor Heat and Air Conditioning Master Switches - OFF
6. Number Three Hydraulic System - ON
7. Pressure Door - "CLEARED TO OPEN" (P) "OPEN" (LM)
8. Floor Heat and Air Conditioning Master Switches - As Required
9. Altimeter - "STATE SETTING" (CP, P, N, E)
10. Red Light - ON (CP)
11. Command Markers - "SET" (CP, P)
12. Pre-Slowdown Checklist - "COMPLETED" (LM, E)

EQUIPMENT SLOWDOWN CHECKLIST

1. "SLOWDOWN CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM)
2. Doors - "CLEAR" (LM)
3. All Doors Switch - "OPEN" (P)
4. SKE Secondary Control Panel - "SET" (N) (SKE only)
5. Doors - "OPEN" (LM)
6. Slowdown Checklist - "COMPLETED" (LM, E)

EQUIPMENT ONE MINUTE ADVISORY

1. "ONE MINUTE ADVISORY" (N) -
"ACKNOWLEDGED" (LM)

EQUIPMENT CARP CHECKLIST

1. "TEN SECOND ADVISORY" (N)
2. "GREEN LIGHT" (N), Green Light Switch and Chute Release - ON (CP), "ALL CLEAR" or "MALFUNCTION" (LM)
3. "RED LIGHT" (N), Green Light Switch - OFF (CP),
"RED LIGHT IS ON" (CP)

EQUIPMENT POST DROP CHECKLIST

1. "POST DROP CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM, E)
2. Floor Heat and Air Conditioning Master Switches - OFF
3. Petal Doors and Ramp - "CLOSED" (LM)
4. Floor Heat and Air Conditioning Master Switches - AS
REQUIRED
5. SKE Secondary Control Panel - "SET" (N) (SKE only)
6. Air Delivery Switch - "OFF" (P) (SKE only)
7. Flaps - "FLAPS UP" (P) "FLAPS ARE UP" (CP)
8. Loadmasters Post Drop Checklist - "COMPLETED" (LM)
9. Number Three Hydraulic System - OFF
10. Door Arming Switch - "AS REQUIRED" (P) (ON for
multiple passes)
11. Red Light Switch - "OFF" (CP)
12. Pressurization - "AS REQUIRED" (P)
13. Airdrop Data - REVISED (for subsequent passes)
14. Post Drop Checklist - "COMPLETED" (E)

**CONTAINER DELIVERY SYSTEM
(CDS) CHECKLIST**

Prior to initiating the pre-slowdown checklist, the flight engineer will provide pilots with a completed MAJCOM approved drop data form. For subsequent drops or routes, re-accomplish applicable items in appropriate checklist.

CDS PRE-SLOWDOWN CHECKLIST

1. "PRE-SLOWDOWN CHECKLIST" (N) -
"ACKNOWLEDGED" (LM, E)
- **2. Oxygen - "CHECKED" (E, CP, P, N, S, LM)
** Step not to be accomplished if indicated drop altitude is below 10,000 feet. (High Altitude CDS)
3. De-pressurization - COMPLETED
4. Door Arming Switch - "ARMED" (P)
5. Floor Heat and Air Conditioning Master Switches - OFF
6. Number Three Hydraulic System - ON
7. Pressure Door - "CLEARED TO OPEN" (P) "OPEN" (LM)
8. Floor Heat and Air Conditioning Master Switches - AS REQUIRED
9. Altimeter - "STATE SETTING" (CP, P, N, E)
10. Red Light - "ON" (CP)
11. Command Markers - "SET" (CP, P)
12. Pre-Slowdown Checklist - "COMPLETED" (LM, E)

CDS SLOWDOWN CHECKLIST

1. "SLOWDOWN CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM)
- **2. Oxygen - "CHECKED _____ LITERS" (CP)
"CHECKED" (LM)
** Step not to be accomplished if indicated drop
altitude is below 10,000 feet. (High Altitude CDS)
3. Doors - "CLEAR" (LM)
4. All Doors Switch - "OPEN" (P)
5. Doors - "OPEN" (LM)
6. Slowdown Checklist - "COMPLETED" (LM, E)

CDS ONE MINUTE ADVISORY

1. "CREW, ONE MINUTE ADVISORY" (N) -
"ACKNOWLEDGED" (LM)

CDS CARP CHECKLIST

1. "TEN SECOND ADVISORY" (N)
2. "GREEN LIGHT" (N), Green Light Switch - ON (CP),
"ALL CLEAR" or "MALFUNCTION" (LM)
3. "RED LIGHT" (N), Green Light Switch - OFF (CP),
"RED LIGHT IS ON" (CP)

CDS POST DROP CHECKLIST

1. "POST DROP CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM, E)
2. Floor Heat and Air Conditioning Master Switches - OFF
3. Petal Doors and Ramp - "CLOSED" (LM)
4. Floor Heat and Air Conditioning Master Switches -AS
REQUIRED
5. Flaps - "FLAPS UP" (P), "FLAPS ARE UP" (CP)
6. Loadmasters Post Drop Checklist - "COMPLETED" (LM)
7. Number Three Hydraulic System - OFF
8. Door Arming Switch - "AS REQUIRED"
9. Red Light Switch - "OFF" (CP)
10. Pressurization - "AS REQUIRED" (P)
11. Airdrop Data - REVISED (for subsequent passes)
12. Post Drop Checklist - "COMPLETED" (E)

CDS MALFUNCTION CHECKLIST

1. PILOT NOTIFIED - "MALFUNCTION" (LM)
2. "FLAPS - 75 Percent" (P),
"FLAPS ARE 75 PERCENT" (CP)
3. LOADMASTER CLEARANCE - "CLEARED AFT TO
SECURE LOAD" (P)
4. MALFUNCITON CHECKLIST - "COMPLETED" (LM, E)

90/270 MANEUVER CHECKLIST

Accomplish the following items for personnel drops from the troop doors, on completion of the CDS CARP CHECKLIST. This checklist will be initiated by the pilot by stating, "90/270 MANEUVER CHECKLIST." After jumpers have exited the aircraft, continue with the PERSONNEL POST DROP CHECKLIST.

1. "90/270 MANEUVER CHECKLIST" (P) -
"ACKNOWLEDGED" (LM, E)
2. Command Markers - "RESET" (CP, P)
3. Flaps - "FLAPS, STATE SETTING" (P)
4. Air Deflector Armed Switch - "ARMED" (P)
5. Paratroop Doors - "CLEARED TO OPEN" (P)
6. Reconfiguration - "COMPLETED" (LM)
7. 90/270 Maneuver Checklist - "COMPLETED" (E)

90/270 MANEUVER ONE MINUTE ADVISORY

1. "CREW, ONE MINUTE ADVISORY (N) -
"ACKNOWLEDGED" (LM)

90/270 MANEUVER CARP CHECKLIST

1. "TEN SECOND ADVISORY" (N)
2. "GREEN LIGHT" (N), Green Light Switch - ON (CP),
"ALL CLEAR" or "MALFUNCTION" (LM)
3. "RED LIGHT" (N), Green Light Switch - OFF (CP),
"RED LIGHT IS ON" (CP)

HIGH ALTITUDE AIRDROP CHECKLIST

This checklist prepares the crew and aircraft for High Altitude operations. It will be called prior to **ALL** high altitude airdrops (**personnel and/or CDS**) in time to ensure completion prior to initiation of the applicable Pre-Slow-down checklist (High Altitude Personnel or normal CDS). Navigator initiates this checklist by stating "HIGH ALTITUDE AIRDROP CHECKLIST."

1. "HIGH ALTITUDE AIRDROP CHECKLIST" (N) -
"ACKNOWLEDGED" (P, CP, N, E, S, LM)

- **2. Oxygen Mask - "ON - 100 PERCENT"
(P, CP, N, E, S, LM)

** Step not to be accomplished if indicated drop altitude is below 10,000 feet. (High Altitude CDS)

3. Radar - "AS REQUIRED" (N)
4. De-pressurization - "IN PROGRESS" (E)
5. High Altitude Checklist - "COMPLETED" (LM, E)

NOTE: For High Altitude CDS, return to CDS Checklist; for personnel, continue with High Altitude Personnel Checklist.

**HIGH ALTITUDE PERSONNEL
AIRDROP CHECKLIST**

Prior to initiating the pre-slowdown checklist, the flight engineer will provide pilots with a completed MAJCOM approved drop data form. For subsequent drops or routes, re-accomplish applicable items in appropriate checklist.

**HIGH ALTITUDE PERSONNEL
PRE-SLOWDOWN CHECKLIST**

1. "PRE-SLOWDOWN CHECKLIST" (N) -
"ACKNOWLEDGED"
- **2. Oxygen - "CHECKED" (E, CP, P, N, S, LM)
** Step not to be accomplished if indicated drop
altitude is below 10,000 feet. (High Altitude
Personnel)
3. De-pressurization - COMPLETED
4. Ramp Exit - Accomplish Steps a-e below:
NOTE: Step 4 is only required if jumpers will be exiting
from the ramp
 - a. Door Arming Switch - "ARMED" (P)
 - b. Floor Heat and Air Conditioning Master Switches -
OFF
 - c. Number Three Hydraulic System - ON
 - d. Pressure Door - "CLEARED TO OPEN" (P)
OPEN" (LM)
 - e. Floor Heat and Air Conditioning Master Switches - AS
REQUIRED
5. Air Deflectors - "ARMED" (P) (Troop door exit only)
6. Altimeter - "STATE SETTING" (CP, P, N, E)
7. Red Light - "ON" (CP)
8. Command Markers - "SET" (CP, P)
9. Pre-Slowdown Checklist - "COMPLETED" (LM, E)

**HIGH ALTITUDE PERSONNEL
SLOWDOWN CHECKLIST**

1. "SLOWDOWN CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM)
- **2. Oxygen - "CHECKED _____ LITERS" (CP)
"CHECKED" (LM)
** Step not to be accomplished if indicated drop
altitude is below 10,000 feet. (High Altitude
Personnel)
3. Floor Heat and Air Conditioning Master Switches - OFF
4. Ramp Exit - Accomplish Steps a-c below:
NOTE: Step 4 is only required if jumpers will be exiting
from the ramp. If step 4 is accomplished dispense with step
5
 - a. Doors - "CLEAR" (LM)
 - b. All Doors Switch - "OPEN" (P)
 - c. Doors - "OPEN" (LM)
5. Paratroop Door(s) - "CLEARED TO OPEN" (P)
6. Floor Heat and Air Conditioning Master Switches -
AS REQUIRED
7. Slowdown Checklist - "COMPLETED" (LM, E)

**HIGH ALTITUDE PERSONNEL
ONE MINUTE ADVISORY**

1. "CREW, ONE MINUTE ADVISORY" (N) -
"ACKNOWLEDGED" (LM)

HIGH ALTITUDE PERSONNEL CARP CHECKLIST

1. "TEN SECOND ADVISORY" (N)
2. "GREEN LIGHT" (N), Green Light Switch - ON (CP),
"ALL CLEAR" or "MALFUNCTION" (LM)
3. "RED LIGHT" (N), Green Light Switch - OFF (CP),
"RED LIGHT IS ON" (CP)

**HIGH ALTITUDE PERSONNEL
POST DROP CHECKLIST**

** Items to be accomplished for racetrack only.*

- *1. "POST DROP CHECKLIST" (CP) -
"ACKNOWLEDGED" (LM, E)
- *2. Floor Heat and Air Conditioning Master Switches - OFF
3. Ramp Exit - Accomplish Steps a and b below:
NOTE: Step 3 is required only if jumpers exited from the ramp. If jumpers exited by the troop doors accomplish step 4.
 - a. Petal Doors and Ramp - "CLOSED" (LM)
 - b. Door Arming Switch - "OFF" (P)
4. Paratroop Doors - "AS REQUIRED" (LM)
- *5. Floor Heat and Air Conditioning Master Switches -
AS REQUIRED
- 6 Flaps - "FLAPS UP" (P) "FLAPS ARE UP" (CP)
- *7. Loadmasters Post Drop Checklist - "COMPLETED" (LM)
8. Air Deflector Arm Switch - "OFF" (P)
9. Number Three Hydraulic System - OFF
10. Red Light Switch - "OFF" (CP)
11. Pressurization - "AS REQUIRED" (P)
- *12. Airdrop Data - REVISED (for subsequent passes)
- *13 Post Drop Checklist - "COMPLETED" (E)

NAVIGATORS INS AIRDROP CHECKLIST

INSERT BALLISTIC DATA

1. Data Selector - AIRDROP
2. Remote CDU - PRESS (if desired)
3. Data - INSERT (Insert data into INS using thumb-wheel numbers as indicated)

AIRDROP DATA	CDU T-WHEEL	DATA LEFT	DISPLAY RIGHT
DZ ALT SET (in of Hg)	0	XXXX	
Temperature (C)	1	XX	
Rate of Fall (Ft/S)	1	XXXX	XX.X
PIP Altitude (Ft)	2	XXXX	
Vert Distance (Ft)	3	XXXX	
Time of Fall (S)	3		XX.X
Wind Speed (Kt)	4	XX	
Wind Angle (0)	4		XXX.X
Press Altitude (Ft)	5	XXXX	
Fwl Travel (Sec)	5		X.X
*ZM Along Tk (Yd)	6	XXXX	
**ZM XTK (Yd)	6		XXX.X
ZM Altitude (Ft)	7	XXXX	

***ZM Along Track Distance - Set to zero if SKE operation is not required. Short = (-) Long = (+)**

****ZM Altitude - Set to zero if SKE operation is not required. Left = (-) Right = (+)**

4. Remote CDU 1 and 2 - PRESS

AIRDROP MODE SELECTION

1. Data Selector - DSRTK/STS
2. #3 - PRESS
3. INSERT (Airdrop display on PICU/NICU FROM – TO
7 to 8 for CARP offset)

NOTE: When in the Airdrop Mode and more than one pass is to be flown over the DZ, the Airdrop Mode (3) must be exited after each pass and re-entered prior to the next pass.

NOTE: Automatic updates are performed when valid SKE/ZM information is received (TAC/SKE mix lights on the PICU/NICU)

MANUAL AIRDROP POSITION UPDATE

(Use this procedure when in Mode (3) and over IP only)

1. Data Selector - POS
2. HOLD (When visually confirmed directly over IP)
3. N 2 + - PRESS
4. INSERT

DROP ZONE COORDINATE DATA**WAYPOINT**

6	Initial Point	(IP)
7	Point of Impact	(PI)
8	Trailing Edge	(TE)

1. Data Selector - WAYPT
2. Remote CDU - 1 and 2 (If desired)
3. Thumb Wheel - SET
4. Lat/Long - INSERT
5. ADVANCE

6. Insert Lat/Long ARC - SECONDS (if high precision is desired)
7. Remote CDU 1 and 2 - PRESS

RANGE BEARING

(Use this procedure if any two DZ coordinates are not available)

1. Insert IP, PI, or TE to HIGH - PRECISION
2. Data Selector - RNG/BRG
3. Range - INSERT (yds - left side)
4. Bearing - INSERT (to tenths of minutes - right side)
5. WAYPT CHG - PRESS
6. Press Keys to Put (6-7, 7-8, 6-8, etc) in FROM - TO Display
7. INSERT
8. Repeat Steps 3 - 7 for each set of Range/Bearing data
9. Accomplish each of the following for each INS
 - a. Data Selector - WAYPT
 - b. Thumb Wheel Select - 6, 7, or 8 (coordinates are now displayed)
 - c. Advance (for computed high precision coordinates)

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