

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

**AFI 11-2C-130V3 CL-1
1 APRIL 2000**



Flying Operations

PILOT BRIEFING GUIDES AND CHECKLISTS

This checklist establishes procedures for the operation of C-130 aircraft employed by Mobility Air Forces (MAF) to accomplish their worldwide missions.

This checklist complements AFI 11-2C-130V3, *C-130 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-130 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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Certified by: HQ USAF/XOO (Maj Gen Michael S. Kudlacz)

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PREFLIGHT GUIDE

May be used to ensure preflight requirements are accomplished.

1. FCIF/FCB
2. Orders (Flight/TDY/NATO)
3. Mission Kit
4. Navigation Kit(s)
5. Aircrew Equipment
 - A. Uniforms
 - B. ID Tags
 - C. Helmet/Mask
 - D. Survival Vest/Flak Vest
 - E. Required Publications
 - F. Tool Kits/Airdrop Kits
 - G. Field, Arctic, or Desert Equipment and Rations
 - H. Weapons
 - I. Passports/Visas
 - J. Shot Records
6. NOTAMS
7. Weather
8. Foreign Clearance Guide
9. Diplomatic Clearance
10. Customs/Agriculture/Immigration Requirements
11. Fuel/MX Status
12. Flight Plan
13. Authenticators/IFF/Mode IV/Have Quick
14. Secure Radios (KY58/KY75)
15. Airport Qualification Briefing
16. Passenger and Cargo Data

17. Hazardous Cargo Briefing (AFJMAN 24-204)
18. Buffer Zone/Safe Passage Briefing
19. Intelligence/Threat/EW/EPA Briefing
20. DD Form 365-4 (Form F)/Manifest
21. Emergency/Survival Equipment:
 - A. LPU's
 - B. Liferafts
 - C. Survival Equipment
22. Fleet Service/Lunches
23. Notes/Unit Requirements/Special Interest Items
24. Aircraft Defensive System

TACTICAL UPDATE BRIEFING

1. Weather/INTEL
2. Mission Procedures
 - A. Command and Lead
 - B. Marshaling Plan, Chalk Numbers, and Spares
 - C. Loading Plans and Fuel Requirements
 - D. Forms - Clearance, Weights and Balance, Flight Plans, Manifests
 - E. SKE Information:
 - (1) Slot Number Assignment
 - (2) Designation of Master and Deputy Master
 - (3) Operating Frequency
 - F. SCNS Information - Information Loading System
 - G. Aircraft Defensive Systems (ADS)
 - (1) Settings
 - (2) Type Load (Flares or Chaff)
 - (3) Terminology to be used in Threat Advisories.
 - (4) Reactions to Threat Advisory Calls.
 - (5) Arming Procedures/ROE
 - H. Times:
 - (1) Stations
 - (2) Engine Start
 - (3) Taxi
 - (4) Takeoff
 - (5) Control Point Times
 - (6) TOT

- I. Taxi Route
- J. Active Runway
- K. Takeoff /Power or Torque Setting (If Other Than Standard)
- L. Assembly
- M. IFR Ascent
- N. Airspeeds/Altitudes:
 - (1) Acceleration
 - (2) Slowdown for Drop
 - (3) Escape from DZ
 - (4) Recovery
- O. Navigation:
 - (1) Turning Points
 - (2) Emergency Safe Altitude
 - (3) Primary Orbit Point(s)
 - (4) Combat Entry and Exit Points
 - (5) Location of Initial and Slowdown Point, and Pre-flight Time for Slowdown
 - (6) DZ Entry Point for SKE
 - (7) Minimum IFR Drop Altitude

P. Airdrop Data:

- (1) DZ Size
- (2) Location and Marking of Point(s) of Impact, and Trailing Edge Centerline, as applicable
- (3) Elevation of Point of Impact and Highest Point on DZ
- (4) MSL Drop Altitude and AGL Terrain Clearance
- (5) Usable DZ length in yards/seconds
- (6) Preflight CARP
- (7) Load and Parachute Information

Q. Procedures for Racetrack (if planned) and No Drop Conditions**R. Return Route****S. Recovery/Landing****T. After Landing and Taxi Procedures****U. Emergency Airfields****V. 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)
- (3) SKE Emergency
- (4) Lead Changes

- (5) Latest Takeoff Time to Join Formation (Include Location(s) and Altitude for Join-up)

W. 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) Communications Security and Authentication
- (9) AWACS/ABCCC/Other Agencies
- (10) Threat Calls

X. NOTAMS

Y. Schedule for further briefings/debriefings

JOINT MISSION BRIEFING

*Conduct briefing with user before mission execution
(normally during the time the crew/team are in isolation).*

1. Mission Overview
 - A. Team/Platoon Number
 - B. Mission Number/Call Sign
 - C. Mission Purpose
 - D. TOT/TOA
2. Load Information
 - A. Number of Troops and Type Equipment
 - B. Load Plan and Rigging Requirements
 - C. Special Requirements (e.g. Security)
 - D. Aircraft Location
3. En Route
 - A. Flight Time
 - B. Threat Assessment
 - C. Route of Flight, Terrain, Go/No-Go Point, Copy of the Flight Plan
 - D. Weather Forecast
4. Objective Area
 - A. Primary/Alternate DZ/LZ
 - B. Hazards/Threats
 - C. Ground Plan (Offload/Onload Points)
5. Escape and Evasion
 - A. USAF Selected Area for Evasion
 - B. Point of No Return
 - C. Aircrew/Army Escape and Evasion Versus Ground Mission Execution
 - D. Destruction of Classified Material/Equipment

LOADMASTER/JUMPMASER BRIEFING

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

WARNING

Aircraft commander will advise loadmaster when door open altitude will be below 800 feet AGL. Restraint harness must be worn below 800 feet AGL.

4. Times:
 - A. Stations
 - B. Takeoff
 - C. En Route
 - D. TOT
 - E. Recovery
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 and Jump Light Intensity
 - C. Raising of Troop Seats
 - D. Anchor Cables 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/Altitude for Automatic Rip Cord
 - (3) Door/Ramp Exit
- 6. Manifests, Weight and Balance, and Joint Inspection
(DD Form 1748)
- 7. Hazardous Materials
- 8. Configuration of Aircraft for Subsequent Sorties
- 9. Navigator - Jumpmaster Coordination:
 - A. Drop Zone/Identification
 - B. Drop Altitude, Airspeed, and Heading
 - C. Position of CARP/HARP
 - D. Racetracks and No Drop Procedures
 - E. Escape
- 10. Emergency Procedures

ACM BRIEFING GUIDE

The aircraft commander will insure that all ACMs are briefed. The following items should be briefed commensurate with the qualification of the ACM in the aircraft.

1. Flight time - BRIEFED
2. Seat Assignment, Use of Seatbelts, and Oxygen Bottles (If applicable) - BRIEFED
3. Smoking/Hazardous Cargo Restrictions - BRIEFED
4. Disposable Ear Plugs - DISTRIBUTED
5. Flying with Head Cold/Cabin Pressurization - BRIEFED
6. Use/Location of Toilet Facilities - BRIEFED
7. Identification of Armed Crew Members - BRIEFED
8. Emergency Equipment and Procedures - BRIEFED
 - A. Signals (Ground/In-flight)
 - B. Exits (Ground/In-flight/Ditching)
 - C. Equipment (Life Rafts, LPUs, etc.)
 - D. Removal of Rings, Scarves, and Sharp Objects

AIRCRAFT COMMANDER CREW BRIEFING GUIDE

Brief applicable items only. Use standard flight manual and AFI 11-2C-130V3 procedures.

1. Mission Purpose
2. Itinerary/Sequence Of Events
3. Weather
4. Call Sign and Formation Position
5. Times:
 - A. Show Time at Aircraft
 - B. Stations
 - C. Takeoff
 - D. En Route
 - E. TOT
 - F. Recovery
6. Fuel Requirements
7. Load and Drop Sequence
8. Intelligence Update
9. Interphone and Radio Discipline
10. Emergency Procedures
 - A. Egress
 - B. In-flight
 - C. Ditching/Bailout
11. Passenger/Cargo Load
12. Maintenance Status
13. Personal Equipment
14. Crew Coordination
15. Notes/Unit Requirement

DEPARTURE BRIEFING

Brief applicable items prior to each takeoff. Only changed data need be briefed for multiple takeoffs/departures.

1. TOLD
 - A. Airspeeds
 - B. Runway Required for Takeoff vs. Runway Available
2. Signals For Gear and Flap Retraction
3. (Copilot, Flight Engineer) Emergency Actions
 - A. Aborted take-off
 - B. Emergency return/fuel dumping
4. Departure Procedures
 - A. Navigation Aids
 - B. Computer Set-up
 - C. Radar Altimeter - Emergency Return
 - D. Flight Director, review departure procedure
 - E. Hazardous Terrain/Obstacles
 - F. Radar Monitoring
5. SKE/Formation Procedures
6. SCNS/GPS Procedures
7. Defensive/ECM Systems
8. Notes/Unit/MAJCOM Items

ARRIVAL BRIEFING

Brief applicable items before each approach/landing, only changed data for multiple approaches/landings.

1. Weather
2. Approach To Be Used
3. Minimums--A. Descent Rate B. Timing
C. Radar Altimeter - Set to HAA/HAT
4. TOLD--A. Type Landing, B. Airspeeds / Flap Setting
C. Landing Distance vs. Runway Available
5. Missed Approach Intentions
6. Radios and Navigation Aids
7. Terrain and Arrival Restrictions
8. Transition Level
9. Backup Approach
10. Copilot, Flight Engineer Emergency Actions
11. GPWS/GCAS
12. Defensive/ECM Systems
13. Notes/Unit/MAJCOM Items

POSTFLIGHT GUIDE

1. Maintenance Debriefing
2. Weather Debriefing
3. Intelligence Debriefing
4. Classified Turn In
5. Weapon Turn In/Notes/Unit Requirements

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