

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

**AFI11-2HC-130JV3 CL-1  
9 August 2012  
Flying Operations**



**PILOT/CREW BRIEFING GUIDES/CHECKLISTS  
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**RELEASABILITY:** There are no releasability restrictions on this publication.

OPR: HQ ACC/A3JT

Certified by: AF/A3O (Maj Gen James J. Jones)

Pages: 40

This checklist establishes procedures for the HC -130J aircraft. It applies to all active, guard, and reserve units and personnel operating HC-130J aircraft. Waivers are IAW with AFI 11-2HC-130JV3. Refer recommended changes to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Form 847s from the field through the appropriate functional's chain of command. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) maintained in the Air Force Records Information Management System (AFRIMS) located at <https://www.my.af.mil/afirms/afirms/afirms/rims.cfm>

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## **MISSION PLANNING GUIDE**

*May be used to ensure preflight requirements are accomplished*

1. FCIF
2. Orders (Flight/TDY/NATO)
3. Mission Kit
4. Navigation Kit(s)
5. Aircrew Equipment
  - a. Uniforms/ID Tags/Passports/Visas/GTC/ID Cards
  - b. Helmet/Mask
  - c. Survival Vest/Flack Vest
  - d. Tool Kits/Airdrop Kits
  - e. Required Publications
  - g. Field, Arctic, or Desert Equipment and Rations
  - h. Weapons
6. Fuel/Mx Status
7. Weather, Activate Flight Plan, NOTAMS, TOLD
8. Customs/Agriculture/Immigration Requirements
9. Fuel Requirements/MX Status
10. Flight Plan/Route & Altitude Requirements
11. Authenticators/IFF/Mode IV/ Have Quick
12. Diplomatic Clearances
13. Foreign Clearance Guide, ASRR, Giant Reports
14. Passenger and Cargo Data/Manifest, DD Form 365-4 (Form F)
15. Hazardous Cargo Briefing (AFJMAN 24-204)
16. Buffer Zone/Safe Passage Briefing
17. Intelligence/Threat/EW/EPA Briefing
18. Emergency/Survival Equipment
  - a. LPUs
  - b. Life Rafts
  - c. Survival Equipment
19. Fleet Service/Meals
20. Aircraft Defensive System
21. Notes/Specific Unit Requirements/Special Interest Items

# **AIRCRAFT COMMANDER'S BRIEFING GUIDE**

*Brief applicable items only*

1. Call Sign
2. Mission Purpose/Training Objectives
3. Itinerary/Sequence of Events
4. Aircraft Location/Maintenance Status
5. Aircraft Configuration/Emergency Equipment
6. Fuel Requirements/Fuel Loads
7. Passenger/Cargo Information
8. Weather/NOTAMS
9. Times
  - a. Show Time at Aircraft
  - b. Stations
  - c. Takeoff
  - d. TOTs/TOAs
  - e. Landing
10. NVG Requirements and Limitations
11. Intelligence/Threat Update
12. Departure Procedures/Requirements
13. En Route Profile/Procedures
14. Combat Entry (see *Combat Entry Briefing Guide*)
15. HAAR (see *HAAR Briefing Guide*)
16. AAR (see *AAR Briefing Guide*)
17. Airdrop (see *AIRDROP Briefing Guide*)
18. CSAR/SAR (see *SAR MISSION Briefing Guide*)
19. Infil/Exfil (see *Infil/Exfil Briefing Guide*)
20. Recovery
21. Flap Operations
22. Rings/Scarves/Dog Tags/Line Badges
23. Right Seat Landings (Normal and Emergency Actions)
24. Stop and Go/Touch and Go Landings
25. Simulated Emergencies
26. Emergency Procedures
  - a. Ground Egress
  - b. In-Flight
  - c. Ditching/Bailout
27. Crew Coordination
  - a. Two Challenge/Time Out/Terminate/Knock It Off

- b. Head-down/Head-up
  - c. Transfer of Aircraft Control
  - d. Additional Crew Member(s) Roles & Responsibilities
  - e. Interphone and Radio Discipline
- 28. Personal Equipment/Protective Gear/Sanitize
  - 29. EPA
  - 30. Ingress/Egress
  - 31. Patient Requirements
  - 32. Onload/Offload Coordination
    - a. Engine Running Onload/Offload
    - b. Transload Location/Procedures
    - c. Reversing Instructions
    - d. Weights
  - 33. ORM/Risk Management
  - 34. Notes/FCIF/SII/Unit Requirements

## **CSO'S BRIEFING GUIDE**

*Brief applicable items only*

1. Sun/Moon Data
2. NVG Limitations
3. Takeoff/Entry/No Later Than Times
4. Departure Procedures
5. Route/Flying Time
6. ESA/Location
7. Enroute
  - a. Altitudes/Airspeeds
  - b. Preflight Winds
  - c. Leg, Magnetic Course & Distance
  - d. MSA/Controlling Obstacles
  - e. Reference Altitudes/Start Climb Points
  - f. Checkpoints/Turn point description
  - g. Restricted Airspace/MOAs/No Fly Areas
  - h. Warning Locations (20/10/1 Min)
  - i. Threats/Locations/Counter Tactics
  - j. FEBA/FLOT
  - k. Time Control/Holding Points/Timing Legs
  - l. Crew Coordination Items (Turn point brief, etc.)
  - m. Emergency Procedures
  - n. Emergency/Divert Airfields
8. Helicopter Air to Air Refueling (HAAR)
  - a. Receiver Type/Number
  - b. HAAR Track/Heading
  - c. Altitude/Airspeed
  - d. Type Rendezvous
  - e. Communications Plan/EMCON
  - f. Receiver's Approach
  - g. ARIP
  - h. ARCP/ARCT
  - i. AREP/Abort Point/Abort Bases
  - j. Emergency Airfields
9. Air to Air Refueling (AAR)

- a. Tanker Call Sign
- b. Track/Heading
- c. Altitude/Airspeed
- d. Communications Plan/EMCON
- e. RZIP
- f. RZCP/RZCT
- g. RZEP/Abort Point/Abort Bases
- h. Emergency Airfields

#### 10. Drop Zones

- a. DZ Survey Review
- b. Load Type/Delivery Method
- c. Run-in
- d. DZ Recognition/Markings
- e. IP Location/TOT
- f. Drop Altitude/Airspeed
- g. Slowdown Point/Procedures/Magnetic Course
- h. Preflight Winds/Run-in Heading/PI Locations
- i. Five Seconds location/Release point/Green light Time
- j. Red Light Location
- k. No Drop Box
- l. Escape Heading/Altitude/Airspeed
- m. Racetrack/Multiple Passes
- n. Terrain/Obstacles

#### 11. Landing Zones/SCAs

- a. Landing Zone Location
- b. Run-in Updates
- c. TOT
- d. Slowdown Point/Procedures
- e. Glideslope/Predicted Descent Rate
- f. Descent Procedures/Advisory Calls
- g. MAP/MDA
- h. Go-Around Point/Procedures
- i. Terrain/Obstacles/No Fly Areas

**AIRCRAFT COMMANDER-**  
**JUMPMaster/LOADMASTER BRIEFING GUIDE**

*The Aircraft Commander will cover the following prior to airdropping equipment or airdrops requiring a jumpmaster*

1. Manifest
2. Loadmaster's Checklist for Airdrops
3. Visual and Verbal Signals
4. Cabin Lighting
5. Movement in the Aircraft
6. Opening of Paratroop Doors/Ramp and Door
7. Dangerous/Nonstandard Loads
8. Emergency Jettison Procedures
9. For All Airdrops
  - a. Weather
  - b. DZ Marking
  - c. Emergency Procedures for delivery method
10. For All Personnel Airdrops
  - a. CARP or HARP Location/Prominent Features
  - b. Personnel Airdrop Emergency Procedures
  - c. Jumper Procedures during Aircraft Emergencies
11. For HALO/HAHO:
  - a. Emergency Descent/Time to 10,000 Feet
  - b. Safing of Automatic Actuation Mechanisms
  - c. Pressurization Schedule
  - d. Prebreathing Requirements
12. Onload/Offload procedures
  - a. Checklist (ERO, Infil/Exfil)
  - b. Taxi Plan/Onload or Offload Location
  - c. Signals to be used
  - d. Parking Location

**AIRCRAFT COMMANDER/CSO--**  
**JUMPMASER BRIEFING GUIDE**

*The Aircraft Commander or CSO will cover the following prior to airdrops with a jumpmaster*

1. Type Drop
  - a. Static Line/Free Fall
  - b. Number of Jumpers/Bundles
  - c. Ramp and Door or Paratroop Door Exit
2. Chute Type/Altitude, Airspeed, Wind Limits
3. TOT
4. Drop Zone
  - a. PI/DZ Elevation
  - b. Terrain Features
  - c. Hazards
5. Drop Altitudes (AGL/MSL)
  - a. Activation Altitude
  - b. Minimum Drop Altitude
6. Drop Airspeed/Groundspeed
7. Run-in Course
8. Slowdown Point/Features
9. CARP/HARP Locations
10. Usable DZ
  - a. Length
  - b. Green Light Time
  - c. Location of Red Light
11. No Drop Conditions
12. Racetrack Procedures
13. Authentication/DZ Markings
14. Drop Clearance

## **COMBAT ENTRY BRIEFING GUIDE**

*The Aircraft Commander or CSO will brief applicable items (if not briefed previously) or update as required*

1. Route/Planned Profile
2. Radar Altimeter
3. EMCON/Emitters/IFF Settings
4. TOLD Data
  - a. Obstacle clearance speeds (Low Level Ops)
  - b. 3-Engine Letdown Altitudes
5. Turns/Climbs/Descent/Use of Autopilot
6. Aircraft Lighting
7. Threat Location/Update
8. Emergency Procedures/Crew Coordination
  - a. Loss of NVGs
  - b. Transfer of Aircraft Control

## **INFIL/EXFIL BRIEFING GUIDE**

*The Aircraft Commander will brief applicable items (if not briefed previously) or update as required*

1. Order of Battle and Airfield Threat Assessment
2. Weather/Altimeter
3. NVG or non-NVG procedures/NVG Battery Check
4. TOLD
  - a. Takeoff and Refusal speeds
  - b. Minimum Control speeds
  - c. CFL/MFLMETO
  - d. Acceleration Time Check
5. Communications Plan
6. SCA/Approach Information
  - a. Location of IP, Slowdown, and Descent Points
  - b. Approach, Go Around, and Departure Course
  - c. Descent, Glide Slope, Initial Rate of Descent, MDA/HAT/MAP
  - d. Pilot and CSO Coordination and calls (Field in Sight, Descent Point and Rates, Radar altimeter Settings)
  - e. Airfield Markings, Lighting and Authentication
  - f. Offload/Onload and Taxi Procedures
  - g. Controlling Obstacles (approach/go around)
  - h. Go-Around Point and Procedures
7. Aircraft Lighting
8. Ground Operations
  - a. Use of ramp and door
  - b. Offload/Onload requirements
  - c. Crewmember responsibilities
9. Hot Refueling/FARP briefing update
10. Takeoff and departure procedures
11. Emergency Taxi/Battle Damage/Wounded Aircrew Procedures

## **HAAR BRIEFING GUIDE**

*The Aircraft Commander or CSO will brief/update all applicable items unless previously briefed.*

1. Weather / Altimeter Setting
2. Type & Number of Receivers / Call Sign / Tail Numbers
3. Radio setup / Frequencies/ EMCOM
4. ARIP / ARCP / ARCT / ENDAR
5. Type Rendezvous (RV)
6. HAAR Altitude / Join-Up Altitudes / MSA / ESA
7. Airspeeds
8. MOS / Stall Speed
9. Helicopter Performance Limitations
  - a. Power and Altitude Limitations
  - b. Bank Angle Limitations
10. Paratroop Door/Ramp and Door Use
11. Fuel
  - a. Time on station / Fuel Available
  - b. Receiver requirements

## **AAR BRIEFING GUIDE**

*The Aircraft Commander or CSO will brief/update all applicable items unless previously briefed.*

1. Weather/Altimeter Setting
2. Tanker call sign/Tail Number
3. RV altitude / Block Altitude
4. Altimeter setting procedures
5. Navaids
6. Radio configuration
7. EMCON / Mandatory calls
8. RVIP/RVCP/RVCT/ENDAR
9. Rendezvous Type
10. Airspeed
11. Fuel onload and configuration
12. Minimum safe altitude
13. Emergency airfields
14. Flight deck visitors
15. Leak check procedures
16. Emergency procedures
17. Emergency separation procedures
18. CSO monitor engines
19. Post AR routing

## **HOT REFUELING/FARP BRIEFING GUIDE**

Brief applicable items if not briefed previously or update required.

1. Tanker or receiver status, number, and call signs
2. Communications:
  - a. Frequencies (Primary and Secondary)
  - b. Communications assignments, Interphone discipline
  - c. Visual signals (Day/Night)
  - d. Terminal guidance (Type and Agency)
3. NAVAID use during / after FARP operation
4. Use of ramp and door and paratroop doors
5. Engine and Flap Configuration
6. FARP equipment and configuration
7. Sequence of events
8. Taxi and parking plan
9. Use of checklists
10. HRS / PO / HDP and responsibilities
11. Fuel Type and On / Offload
12. Rearming / resupply required
13. Takeoff and Departure Procedures
14. Emergency procedures / Emergency escape taxi plan

## **AIRDROP BRIEFING GUIDE**

*The Aircraft Commander or CSO will brief/update all applicable items unless previously briefed.*

1. PF will brief / update the following:
  - a. Type load / Delivery Method
  - b. Type slowdown and procedures
  - c. Drop altitude, airspeed, and heading
  - d. Escape procedures
  - e. PF/PM duties
  - f. Confirmation of DZ data
  - g. Configuration
  - h. Flap operations / CDS Flap Settings
  - i. Emergency procedures
  - j. Oxygen requirements
  - k. LPU requirements
2. Escape Procedures/ Threats / Defensive Calls
3. The CSO will provide/update the following:
  - a. Run-in cadence, IFR corridor entry/exit, descent profile, OAPs
  - b. Slowdown point
  - c. Five second warning location
  - d. CARP / HARP location
  - e. Red light point
  - f. Escape heading and altitude
  - g. Terrain / Obstacles
  - h. No drop parameters / procedures

## **SEARCH AND RESCUE MISSION BRIEFING GUIDE**

*This briefing guide is designed to cover a spectrum of search and rescue operations. The Aircraft Commander or CSO will Brief/Update applicable items dependent upon the situation, environment, and operational/training requirements.*

*See AFTTP 3.3HC-130/J for additional planning considerations.*

1. Situation:
  - a. Mission objective
  - b. Enemy forces
  - c. Friendly forces
2. Survivors:
  - a. Number / Location / Condition / Description / Equipment
  - b. 9-/11-Line Briefs
3. Chain of Responsibility (Primary and Secondary):
  - a. Airborne mission coordinator (AMC)
  - b. On-scene commander (OSC)
  - c. Rescue Escort (RESCORT)
  - d. Rescue Combat Air Patrol (RESCAP)
  - e. Recovery Vehicle
  - f. Ground forces
4. Ingress/Objective Area/ Egress:
  - a. Primary/alternate route
  - b. Formations and RESCORT plan
  - c. HAAR Requirements
  - d. AAR Requirements
  - e. Fire support
  - f. Weather: Min Altimeter / Ceiling / Visibility / Winds
  - g. Significant Terrain or Obstacles
  - h. Day / Night / Illumination
5. Search / Deployment Execution
  - a. Search / Deployment Patterns to be flown
  - b. Commands to be used
  - c. Area Coverage Responsibilities
  - d. Airspeeds
  - e. Altitudes
  - f. Deconfliction plan (For Multiple Airborne Assets)

- g. Scanner Duties / Sighting Procedures
- h. Type of Equipment / Personnel Deployment
  - (1) Tactical Checklist
  - (2) Search and Rescue Checklist
- i. Use of Smoke / Flares / Sea Dye
- 6. Fuel considerations: Joker/Bingo/Available Offload
- 7. Survivor Authentication
- 8. Communications Plan:
  - a. EMCON condition
  - b. Frequencies
  - c. Visual signals
  - d. Lost communications
  - e. Chattermark
  - f. IFF/SIF
- 9. Downed CSARTF Aircraft Procedures
- 10. Mission Abort Criteria

## CAT II ILS APPROACH BRIEFING

1. Aircrew
  - a. Both pilots CAT II current (IMC)
2. Aircraft Requirements
  - a. Separate operational attitude sources
  - b. Separate operational DADC
  - c. Separate operational Radar Altimeters
  - d. PF HUD operational
  - e. PM HUD or PFD operational
  - f. Separate operational VORs w/same ILS freq and valid signals (identify)
3. Airfield Requirements
  - a. Touchdown Zone RVR  $\geq$  1200'/300m
  - b. ALSF-2 Lighting (or substitute)
    - i. High Intensity Approach Lighting
    - ii. HIRL or TDZ Lights
    - iii. Rwy Centerline Lighting
4. Approach Setup / Procedures
  - a. Confirm Altimeter Setting w/tower
  - b. RAD ALT = DA as per FLIP (min HAT 100')
  - c. MINS: (techniques) Field Elev, TDZE, 0, or 10' *below* baro mins (best for SA)
  - d. PF, PM tuned to different VOR receivers (VOR 1 and 2), tuned to the same ILS frequency and VOR as CDI source
  - e. CAT II HUD mode selected
  - f. Intercept localizer prior to glide slope; REF MODE: APPR
  - g. Confirm progression CAT2 ARM, NAV CAPT
  - h. Course & Glideslope limited to 1/2 dot scale; more than 1/2 dot = Approach Warning
  - i. 1000' AGL RA crosscheck (technique)
  - j. Approach Warning

- i. Above 300' AGL: recapture CAT II or transition to CAT 1
  - ii. Below 300' AGL Go-Around / Missed Approach
- k. PM/PF callouts:
- i. "300 feet" AGL (technique)
  - ii. "100 Above"
  - iii. PM states "Minimums" (at DA) and PF states "Landing" or "Going Around"

**SEARCH AND RESCUE CHECKLIST**  
**PRE-SEARCH/PRE-DEPLOYMENT CHECKLIST**

<b>PF</b>	<b>PM</b>	<b>CSO</b>
Altimeters	Pressurization Radar Altimeter Aux Pump Computer Drop Switch Red Light HDD No. 2 Indicated Airspeed	Altimeter Update

**W**

1. “PRE-SEARCH/PRE-DEPLOYMENT CHECKLIST” – PF
  - a. The PF will call this step as “Pre-search Checklist” or “Pre-deployment Checklist” as appropriate for the operation being conducted
2. “ACKNOWLEDGED” - LM
3. Search Data - Computed – PM, PF
4. Briefing – “Complete” - PF
  - a. Brief/update applicable items from the SAR Briefing Guide

**W**

5. Altimeters – “Set, \_\_\_” - PM, PF, CSO
6. Radar Altimeter – “Set, \_\_\_” – PM

**N**

7. Helmet and Oxygen Mask (if reqd) – “On” - PM, PF, CSO, LM

**W**

**N(2)**

8. Cabin Altitude Checks (if reqd) – “Complete” - PM, PF, CSO, LM
  - a. Mask – On and connected
  - b. Oxygen regulators – On
  - c. Mask hose connection – Checked
  - d. Regulator flow indicator – Checked
  - e. Airplane oxygen quantity – Checked

## N

9. Cabin Pressure (as reqd) – “Depressurizing” – PM
10. IFF/TCAS – “Set” – PM
  - a. Mode 1, 2, 4 (as reqd by SPINS)
  - b. TCAS - Standby/TA only/TA/RA depending on tac situation
11. Lighting – “Set” - PM, PF, CSO, LM
  - a. Interior lights
  - b. Exterior lights
12. NVGs (if reqd) – “On/Ready” - PM, PF, CSO, LM
  - a. Respond with “on” if worn and “Ready” if immediately available
13. Aux pump (if reqd) – “On” - PM
14. Computer Drop Switch – “Man” - PM
15. Red Light (JMD/Pararescue Deployment Only) – “On” - PM

## N

16. Flaps – “Set flaps, \_\_\_ percent” - PF  
“Flaps set, \_\_\_ percent” - PM

## N(2)

17. Air Deflector Doors (if reqd) – “Open” - PM

## W

18. Paratroop Door – “Open and locked” - LM  
“Indicates open” - PM

## N

19. Ramp and Door (if reqd) – “Cleared to open” - PF  
“Open and locked” - LM  
“Indicates open” - PM
20. Cockpit Setup - Set - PM
  - a. Engine Status HDD No. 2
  - b. Indicated Airspeed (if reqd)

## N

21. Pre-Search/Pre-Deployment Checklist – “Complete” - LM, PM
  - a. The PM will read this step as “Pre-search Checklist” or “Pre-deployment Checklist” as appropriate for the operation being conducted

**SEARCH AND RESCUE CHECKLIST**  
**PARARESCUE DEPLOYMENT PROCEDURES**

**PARARESCUE DEPLOYMENT (FIXED TARGET)**

1. Head directly toward the target, regardless of wind direction.
2. Release the spotter chute/streamer directly over the target.
3. Immediately upon release make a left/right turn to observe descent and position of spotter chute/streamer.
4. Establish a racetrack drop pattern. Final approach will be aligned with the spotter chute/streamer and the target.
5. Turn on final – Use the SEARCH AND RESCUE AIRDROP Checklist (PERSONNEL DEPLOYMENT Checklist.)

**PARARESCUE DEPLOYMENT (MOVING TARGET)**

1. Head directly toward the target, regardless of wind direction.
2. Release the spotter chute/streamer directly over the target.
3. Immediately upon release make a left/right turn to observe descent and position of spotter chute/streamer.
4. Establish a racetrack drop pattern. Final approach will be aligned with the spotter chute/streamer and the target. Adjust the pattern to be over target 5—9 minutes after spotter chute/streamer is launched.
5. Turn on final – Use the SEARCH AND RESCUE AIRDROP Checklist (PERSONNEL DEPLOYMENT Checklist.)

**PARARESCUE DEPLOYMENT (CROSSWIND TARGET)**

1. Fly over the target on a crosswind heading in a direction to permit a left/right hand pattern.
2. Release the spotter chute/streamer directly over the target.
3. Make another 180 degree turn to place the aircraft on the approach leg the same distance up wind from the target as the spotter chute is downwind.
4. Turn on final – Use the SEARCH AND RESCUE AIRDROP Checklist (PERSONNEL DEPLOYMENT Checklist.)

**SEARCH AND RESCUE CHECKLIST**  
**PERSONNEL DEPLOYMENT CHECKLIST**  
**(JMD/PJ, JMD/RAMZ/ATV)**

**CHECKLIST**

**N(2)**

1. "PERSONNEL DEPLOYMENT CHECKLIST" - PF
2. "ACKNOWLEDGED" - LM
3. Turn on Final - PF

**W**

4. "CREW, ONE MINUTE WARNING" - PF

**W**

5. "SAFETY CHECKS COMPLETE" - LM/JM

**N**

6. "CLEAR TO JUMP" - PF

**N**

7. Green Light – "On" - PM

**N**

8. Fly streamer to Target (if reqd) - PF
9. Fly JM directed Course (if reqd) - PF

**N(2)**

10. Release jumpers and/or equipment - JM
11. "GATE RELEASED" (or state condition) (As Reqd) - LM
12. "LOAD CLEAR" (or state condition) - LM

**N(2)**

13. "RED LIGHT" - CSO
14. "ON" - PM
15. After Jumper(s) Clear Acft – Turn to observe accuracy of drop

**SEARCH AND RESCUE CHECKLIST**  
**EQUIPMENT DEPLOYMENT CHECKLIST**  
**(MA-1 KIT, PARABUNDLE AND FREEFALL)**

**CHECKLIST**

**N(3)**

**(MA-1 KIT)**

1. "30 SECONDS TO TARGET" - PF
2. "10 SECONDS TO TARGET" - PF
3. "READY" - PF
4. "DROP" - PF
5. "LOAD CLEAR" - LM

**(PARABUNDLE AND FREEFALL)**

1. "30 SECONDS TO TARGET" - PF
2. "10 SECONDS TO TARGET" - PF
3. "TARGET IN SIGHT" - LM
4. Pattern Corrections - PF
5. "LOAD CLEAR" - LM

## **SEARCH AND RESCUE CHECKLIST**

### **POST-SEARCH/POST-DEPLOYMENT CHECKLIST**

**N(3)**

1. “POST-SEARCH/POST-DEPLOYMENT CHECKLIST” – PF
  - a. The PF will read this step as “Post-search Checklist” or “Post-deployment Checklist” as appropriate for the operation being conducted
2. “ACKNOWLEDGED” - LM

**N  
C**

3. Ramp & Door/Paratroop Door(s) (as reqd) – “Closed & locked” - LM  
“Indicates closed” - PM

**N**

4. Air Deflector Doors (if reqd) – “Closed and off” - PM

**N**

5. Flaps (as reqd) – “State setting” - PM
6. Red Light – “Off” - PM
7. Aux Pump – “Off” - PM

**N**

8. Cabin Pressure – “Set” (as reqd) - PM
9. Altimeters – “Set, \_\_\_\_” - PM, PF, CSO
10. Radar Altimeter – “Set, \_\_\_\_” - PM
11. IFF/TCAS – “Set” - PM
  - a. Mode 1, 2, 4 (as reqd by SPINS)
  - b. TCAS – Standby/TA only/TA/RA depending on tac situation

**N**

12. NVGs (if reqd) – “On/Off/Ready” - PM, PF, CSO, LM
  - a. Respond with “on” if worn and “Ready” if immediately available

13. Lighting – “Set” - PM, PF, CSO, LM
  - a. Interior lights
  - b. Exterior lights

14. Post-Search/Post-Deployment Checklist – “Complete” - LM,PM
  - a. Read this step as “Post-search Checklist” or “Post- deployment Checklist” as appropriate

## **REAR VISION DEVICE INSTALLATION/REMOVAL**

### **CHECKLIST**

**W**

**N(2)**

1. “REAR VISION DEVICE INSTALLATION/REMOVAL CHECKLIST” - PF
2. “ACKNOWLEDGED” - LM

**N**

3. Crew Briefing – “Complete” - PF
  - a. Altitude, Airspeed, and Aircraft Configuration.
  - b. Emergency Procedures
  - c. Primary Bubble Operator/Loadmaster and Assistant

**N**

4. Pressurization – “Depressurizing” - PM

**N**

5. Protective Equipment – “On” - LM
  - a. Don restraining harness, flight gloves, and helmet
6. Flaps – “SET, STATE SETTING” - PM

**C**

7. Airspeed – “Checked” - PF, PM
  - a. Slow aircraft to maintain 140-170 KIAS (140 KIAS Preferred)
8. Pressurization – “Depressurized” - PM

**N**

9. Remove Hatch/(Remove Bubble) - LM

**N**

10. Install Bubble/(Install Hatch) - LM
11. Bubble – “Installed/Removed” – LM

### **A2.6.3. Hot Refueling (Receiver) Checklist**

#### **HOT REFUELING (RECEIVER) CHECKLIST**

1. “HOT REFUELING (RECEIVER) CHECKLIST” -- P
2. “Acknowledged” – LM
3. Crew Briefing - “Complete” -- P
  - a. Brief/update applicable items from the Hot Refueling/FARP Briefing Guide. See AFI 11-2HC-130V3 CL-1.

#### **W**

4. Radios and Navigational Equipment - “Set” -- CP, P, CSO, LM
  - a. Radios – Set (As required)
  - b. Radar – STANDBY/OFF
  - c. Radar altimeters – OFF
  - d. IFF – STANDBY

#### **W**

5. DEFENSIVE SYSTEMS MASTER Switch - “STANDBY” -- CSO/PO
6. CMDS Safety Pins - “Installed” -- LM
7. Flaps - “Set, \_\_\_” -- CP

#### **W**

8. Doors - “Clear to open”-- P
9. Offload Clearance - “Clear to offload” -- P
  - a. Parking Brake – Set
  - b. Brakes – Normal/EMER
  - c. Engines – GND IDLE/LSGI

**W**

**N(2)**

10. “Hot brake/Hung Flare Checks Complete,  
Clear to Taxi” -- LM
11. Offload Clearance - “Clear to Offload” -- P
  - a. Parking Brake – Set
  - b. Brakes – Normal/EMER
  - c. Engines – GND IDLE/LSGI

**C**

**N**

12. Fire Extinguisher Positioned -- LM
13. Refueling Equipment Positioned -- LM

**W(2)**

**N**

14. “Refueling Hose Connected” -- LM
  - a. Bonding Wire – Attached
  - b. SPR Panel Door – Open
  - c. Refueling Nozzle – Connected
  - d. Flow Valve – Opened
  - e. Refueling Nozzle – Locked and Checked
15. FUEL MANAGEMENT Panel - “Set”-- CSO/CP/PO
  - a. CROSS FEED Switches – CLOSED
  - b. CROSS SHIP Switch - OPEN
  - c. FUEL TRANSFER Switches – TO (Select tanks to transfer to)
  - d. SPR Valve – OPEN

**N**

16. Fuel Onload Initiated -- LM
17. “Fuel Onload Complete” -- CSO/CP/PO
18. FUEL MANAGEMENT Panel - “Set” -- CSO/CP/PO
  - a. CROSS FEED Switches – CLOSED
  - b. CROSS SHIP Switch - CLOSED
  - c. FUEL TRANSFER Switches – CLSD/OFF
  - d. SPR Valve – DRAIN
19. Refueling Hose – Disconnected -- LM
  - a. Flow Valve – Closed

- b. Refueling Nozzle – Disconnected/Dust Cap Installed
  - c. SPR Panel Door – Closed/Secured
  - d. Bonding Wire – Removed
20. Fire Extinguisher – Repositioned – LM
21. “Clear to Taxi” -- LM
22. Radios and Navigational Equipment - “Set” -- CP, P, CSO, LM
- a. Radios – Set (As required)
  - b. Radar – Set (As required)
  - c. Radar altimeters – Set (As required)
  - d. IFF – Set (As required)
23. Defensive Systems Settings - “Set, \_\_\_\_\_” -- CSO/PO
- a. CNI-MU Settings (As required)
  - b. DEFENSIVE SYSTEMS Panel – (As required)
24. CMDS Safety Pins - “Removed/Installed” -- LM
25. Hot Refueling Checklist- “Complete” --CSO/PO, LM, CP

## **A2.6.4. FARP (Tanker) Checklist**

### **FARP(TANKER)CHECKLIST**

1. “CREW, FARP (TANKER) CHECKLIST” -- P
2. “Acknowledged” -- LM
3. Crew Briefing - “Complete” -- P
  - a. Brief/update applicable items from the Hot Refueling/FARP Briefing Guide. See AFI HC-130J V3 CL-1.

**W**

4. Radios and Navigational Equipment - “Set” -- P,CP,CSO,LM
  - a. Radios – Set (as required)
  - b. Radar – STANDBY/OFF
  - c. Radar altimeters – OFF
  - d. IFF – STANDBY

**W**

5. DEFENSIVE SYSTEMS MASTER Switch - “STANDBY” – CSO/PO
6. CMDS Safety Pins - “Installed” -- LM
7. Flaps - “Set,\_\_\_” -- CP

**W**

8. Doors - “Clear to open” -- P
9. Offload Clearance - “Clear to offload” -- P
  - a. Parking Brake – Set
  - b. Brakes – Normal/EMER
  - c. Engines – GND IDLE/LSGI

**W**

**N(2)**

10. “Hot brake/Hung Flare Checks Complete, Clear to Taxi” -- LM
11. Offload Clearance - “Clear to offload” -- P
  - a. Parking Brake – Set
  - b. Brakes – Normal/EMER
  - c. Engines – GND IDLE/LSGI

**N**

12. Refueling Equipment- Positioned -- LM/HRS/HDP

- a. Fire Extinguisher
- b. Water Container
- c. External Drain Pump
- d. Refueling Hoses

**W(2)**

**N(2)**

13. Refueling Nozzle - Connected and Checked -- HRS

- a. Bonding Wire – Attached
- b. RGR Port – Open (as required)
- c. SPR Panel Door – Open (as required)
- d. Refueling Nozzle – Connected
- e. Flow valve – Opened
- f. Refueling nozzle – Locked and Checked
- g. Valves – Open/Checked for Security (Prior to pressurizing Hoses)
- h. 50 GPM Pump Control Valves – Positioned refuel (If SPR Used)

**N**

14. Aircraft Ramp - Raised -- HRS

**N(2)**

15. “Line Check Complete” -- HRS

16. Fuel Management Panel - “Set, SPR Valve OPEN” (If required) -- CSO/PO

- a. CROSS FEED Switches – CLOSED
  - b. CROSS SHIP Switch - OPEN
  - c. Tank Select Switch – ACTIVE (If Desired) When using presets for Bingo Fuel
  - d. Preset Fuel Levels – Checked (If Tank Select used)
  - e. Transfer Pump Switch(es) – FROM (For tanks offloading fuel from)
  - f. Verify Cross Ship Manifold Pressure – 28-40 PSI
  - g. SPR Valve – OPEN (If Required)
17. CNI-MU POD CTRL page 1/3 (If required) – Set -- CSO/PO
- a. MSTR POWER LSK – ON, STWD LKD Status

Highlighted

- b. Refuel Control Panel: Interconnect switch(s) – OPEN
  - c. ACAWS – Checked
  - d. “Pod Supply Valve – MAN/OPEN”
18. CNI-MU POD CTRL page 2/3 – Set -- CSO/PO
- a. “Pod Pump – AUTO” (If required)

*N*

19. “Leak Check Complete” -- HRS

*W*

*N*

20. Receiver(s) – Ready -- HDP
- a. Bonding Wire – Connected
  - b. Refueling Nozzle – Connected
  - c. Fire Guard – In Place
21. “Fuel Offload Complete” -- HRS

*W*

22. CNI-MU POD CTRL page 2/3 – Set -- CSO/PO
- a. “Pod Pump – OFF” (If required)
23. Refuel Control Panel – Set -- CSO/PO
- a. “Pod Supply Valve Switch(s) – MAN/CLSD”
  - b. Interconnect Switch(es) – CLSD
24. CNI-MU POD CTRL page 1/3 (If required) – Set -- CSO/PO
- a. Pod Status Indication – STWD LKD Status Highlighted
  - b. Hydraulic Power LSK – OFF
  - c. Master Power LSK - OFF

*N*

25. Fuel Management Panel - “Set” -- CSO/PO
- a. FUEL TRANSFER Switches – CLSD/OFF
  - b. CROSS SHIP Switch – CLOSED
  - c. SPR Valve – DRAIN
  - d. Tank Select Switches – OFF (If used)

*N*

26. External Drain Pump Control Valves - Positioned for defuel --  
HRS

27. External Drain Pump – ON -- HRS

28. Leak Check – Complete -- HRS

*N*

29. Refueling Hoses – Drained -- HDP/HRS/LM

a. Upon completion of a section of hose, close one of the Unisex couplers

30. Hoses - Rolled/Stowed -- HDP/HRS

31. Nozzles, Fire Extinguishers, & Water Containers - Stowed --  
HDP/HRS

32. External Drain Pump – OFF -- HRS

33. Ten Foot Hose Section - Drained/Disconnected -- HRS

34. Nozzle Flow Valve - Closed -- HRS

35. Refueling Nozzle – Disconnected -- HRS

a. Dust Caps Installed

36. Bonding Wire – Removed -- HRS

37. SPR Panel Door – Closed -- HRS

38. RGR Port – Closed (as required) -- HRS

39. Aircraft Ramp - Positioned for Onload -- HRS

40. Equipment and Personnel - Loaded and Secured -- HRS

a. Ramp raised for Taxi

41. “Clear to Taxi” -- LM

42. Radios and Navigational Equipment - “Set” -- CP, P, CSO, LM

a. Radios – Set (As required)

b. Radar – Set (As required)

c. Radar altimeters – Set (As required)

d. IFF – Set (As required)

43. Defensive Systems - “Set” -- CSO/PO

a. CNI-MU Settings (As required)

b. DEFENSIVE SYSTEMS Panel – (As required)

44. CMD5 Safety Pins- “Installed/Removed” -- LM

45. FARP Checklist - “Complete” -- CSO/PO, LM, CP

## **HOT REFUELING/FARP EMERGENCY PROCEDURES**

### **FUEL LEAK/SPILL**

1. Fuel Leak/Spill - “Emergency Stop” -- Any Crewmember
2. Fuel Leak/Spill Checklist - “**Acknowledged**” -- CSO/PO, LM  
N
3. CNI-MU POD CTRL page 2/3 (If required) - Set -- CSO/PO
  - a. “POD PUMP – OFF”
4. Refueling Operation – Shut Down -- CSO/PO
  - a. “Pod Supply Valve Switches – MAN/CLSD”
  - b. “SPR Valve – CLOSED”
  - c. Fuel Transfer Switches – CLSD/OFF
  - d. Interconnect Switches – CLSD
5. CNI-MU POD CTRL page 1/3 (If required) - Set -- CSO/PO
  - a. MSTR POWER – OFF
6. Controlling Agency/Fire Department – Notified -- CP

C

N

7. Leak Cause - Determined -- HDP/HRS/LM
8. Nozzle/Hose - Replaced -- HDP/HRS/LM
9. Fuel Spill – Cleaned -- HDP/HRS/LM

### **AIRCRAFT EGRESS**

*Use this checklist when a catastrophic emergency precludes moving the aircraft and ground egress is the only option.*

N(2)

1. Crew Notified - “Egress,Egress,Egress” -- (Any Crewmember)
2. CNI-MU POD CTRL page 2/3 (If required) - Set -- CSO/PO
  - a. “POD PUMP – OFF”
3. Refueling Operation – Shut Down -- CSO/PO
  - a. “Pod Supply Valve Switches – MAN/CLSD”
  - b. “SPR Valve – CLOSED”
  - c. Fuel Transfer Switches – CLSD/OFF
  - d. Interconnect Switches – CLSD
4. CNI-MU POD CTRL page 1/3 (If required) - Set -- CSO/PO
  - a. MSTR POWER – OFF
5. Refueling Nozzle/Bonding Wire – Removed -- HRS/LM

## **AIRCRAFT FIRE/SPARKS/AIRCRAFT TAXI**

1. Crew Notified - "Fire/Sparks" -- Any Crewmember
2. CNI-MU POD CTRL page 2/3 (If required) - Set -- CSO/PO
  - a. "POD PUMP – OFF"
3. Refueling Operation – Shut Down -- CSO/PO
  - a. "Pod Supply Valve Switches – Man/CLSD"
  - b. "SPR Valve – CLOSED"
  - c. Fuel Transfer Switches – CLSD/OFF
  - d. Interconnect Switches – CLSD
4. CNI-MU POD CTRL page 1/3 (If required) – Set -- CSO/PO
  - a. MSTR POWER – OFF
5. Refueling Nozzle/Bonding Wire – Removed -- HRS/LM
6. 50 GPM Pump (If required)- Unplugged (If time permits) –  
HRS/LM

*N*

7. Notify Pilot - "**Taxi, Taxi, Taxi**" -- HRS/LM
8. Controlling Agency/Fire Department – Notified -- CP

*N*

9. Fire/Sparks - Extinguish fire or determine cause of sparks --  
(Any Crewmember)

## **FUEL SPILL ON PERSONNEL**

1. Crew Notified - "Fuel Spill" -- Any Crewmember
2. CNI-MU POD CTRL page 2/3 (If required) – Set -- CSO/PO
  - a. "POD PUMP – OFF"
3. Refueling Operation – Shut Down -- CSO/PO
  - a. "Pod Supply Valve Switches – MAN/CLSD"
  - b. "SPR Valve – CLOSED"
  - c. Fuel Transfer Switches – CLSD/OFF
  - d. Interconnect Switches – CLSD
4. CNI-MU POD CTRL page 1/3 (If required) – Set -- CSO/PO
  - a. MSTR POWER – OFF

5. Contaminated Clothing – Removed -- HDP/LM

*N(2)*

6. Contaminated Area – Flushed -- HRS/HDP/LM

7. Controlling Agency/Fire Department – Notified – CP

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DCS, Operations, Plans and Requirements