

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

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Flying Operations**



MC-130H CREW TACTICAL CHECKLIST

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**PERSONNEL AIRDROP (HIGH ALTITUDE/STATIC LINE)
PARATROOP DOOR EXIT**

Twenty-Minute Checklist

1. **“CREW, TWENTY-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
“PERSONNEL AIRDROP, TROOP DOOR EXIT” (P)
2. Helmets and Oxygen Mask - **“ON”** (as required) (P, CP, N,
EWO, LM, E)
3. Slowdown, Drop Zone and Escape - **“REVIEWED”** (P, CP, N,
EWO)
4. Terminal Data - **“CHECKED”** (N)
5. Pressurization - **“DEPRESSURIZING”** (E)
6. Twenty-Minute Checklist - **“COMPLETE”** (LM, E)

Ten-Minute Checklist

1. **“CREW, TEN-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Airdrop Override Switch - **“OVERRIDE”** (N) (P/CP)
3. Red Light - **“ON”** (P/CP)
4. Cabin Altitude Check (If Required) - **“COMPLETE”** (P, CP, N, EWO, LM, E)
5. Pressurization - **“NO PRESSURE”** (E)
6. Ten-Minute Checklist - **“COMPLETE”** (LM, E)

Six-Minute Checklist

1. **“CREW, SIX-MINUTE ADVISORY”** (N)
“ACKNOWLEDGED” (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

Slowdown Checklist

1. **“SLOWDOWN NOW”** (N)
2. Flaps - **“50 PERCENT”** (P/CP)
“SET, 50 PERCENT” (E)
3. Air deflector doors - **“OPEN”** (P/CP)
4. Paratroop doors - **“CLEAR TO OPEN”** (LM, P)
“OPEN AND LOCKED” (LM)
5. Clearance Altitude/Radar Altimeters -
“SET, STATE SETTING” (P, CP, N)
6. Terminal Consent - **“AS REQUIRED”** (P/CP)
7. Slowdown Checklist - **“COMPLETE”** (LM, E)

Two-Minute Checklist (As required for high-altitude airdrops)

1. **“CREW, TWO-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“TWO-MINUTE CHECKS COMPLETE”** (LM)

One-Minute Checklist

1. **“CREW, ONE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“ONE-MINUTE CHECKS COMPLETE”** (LM)

Release Point

1. **“TEN SECONDS”** (N)
2. **“GREEN LIGHT”** (N)
“ON” (P/CP)
3. Status of Load - **“LOAD CLEAR”** (or condition) (LM)

Completion of Drop

1. **“RED LIGHT”** (N)
“ON” (P/CP)
2. Go-around mode - **“SET”** (P/CP)
3. Paratroop Doors - **“CLOSED AND LOCKED”** (LM)
4. Air deflector doors - **“CLOSED”** (P/CP)
5. Flaps - **“UP”** (P/CP)
“FLAPS UP” (E)
6. Pressurization - **“SET”** (E)
7. Red light - **“OFF”** (P/CP)
8. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTING”** (P, CP)
9. Gross weight - **“CHECKED”** (N)
10. Drop Checklist - **“COMPLETE”** (LM, E)

**HIGH ALTITUDE EMERGENCY PROCEDURES FOR
DECOMPRESSION SICKNESS OR UNUSUAL PAIN**

1. Crew Notified - Provide brief description of problem
2. Descent and Pressurization - (as required)
3. Mission - Abort (as required)

**PERSONNEL AIRDROP (HIGH ALTITUDE/STATIC LINE/
CONTAINER RAMP LOAD [CRL]) RAMP AND DOOR
EXIT**

Twenty-Minute Checklist

1. **“CREW, TWENTY-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
“PERSONNEL AIRDROP, RAMP AND DOOR EXIT” (P)
2. Helmets and Oxygen Mask - **“ON”** (as required) (P, CP, N,
EWO, LM, E)
3. Slowdown, Drop Zone and Escape - **“REVIEWED”** (P, CP, N,
EWO)
4. Terminal Data - **“CHECKED”** (N)
5. Pressurization - **“DEPRESSURIZING”** (E)
6. Twenty-Minute Checklist - **“COMPLETE”** (LM, E)

Ten-Minute Checklist

1. **“CREW, TEN-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Airdrop Override Switch - **“OVERRIDE”** (N)
“NORMAL/OVERRIDE” (P/CP)

3. Red Light - **“ON”** (P/CP)
4. Cabin Altitude Check - **“COMPLETE”** (as required) (P, CP, N, EWO, LM, E)
5. Aux pump - **“ON”** (CP)
6. Pressurization - **“NO PRESSURE”** (E)
7. Ten-Minute Checklist - **“COMPLETE”** (LM, E)

Six-Minute Checklist

1. **“CREW, SIX-MINUTE ADVISORY”** (N)
“ACKNOWLEDGED” (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

Slowdown Checklist

1. **“SLOWDOWN NOW”** (N)
2. Flaps - **“50 PERCENT”** (P/CP)
“SET, 50 PERCENT” (E)
3. Ramp and door - **“CLEAR TO OPEN”** (LM, P)
“OPEN AND LOCKED” (LM)
“INDICATES OPEN” (E)
4. Clearance Altitude/Radar Altimeters -
“SET, STATE SETTING” (P, CP)
5. Terminal Consent - **“AS REQUIRED”** (P/CP)
6. Slowdown Checklist - **“COMPLETE”** (LM, E)

Two-Minute Checklist (As required for high-altitude airdrops)

1. **“CREW, TWO-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“TWO-MINUTE CHECKS COMPLETE”** (LM)

One-Minute Checklist

1. **“CREW, ONE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“ONE-MINUTE CHECKS COMPLETE”** (LM)

Release Point

1. **“TEN SECONDS”** (N)
2. **“GREEN LIGHT”** (N)
“ON” (P/CP)
3. Status of Load - **“LOAD CLEAR”** (or condition) (LM)

Completion of Drop

1. **“RED LIGHT”** (N)
“ON” (P/CP)
2. Go-around mode - **“SET”** (P/CP)
3. Ramp and door - **“CLOSED AND LOCKED”** (LM)
4. Flaps - **“UP”** (P/CP)
“FLAPS UP” (E)
5. Aux pump - **“OFF”** (CP)
6. Pressurization - **“SET”** (E)
7. Red light - **“OFF”** (P/CP)
8. Clearance Altitude/Radar Altimeters -
“SET, STATE SETTING” (P, CP)
9. Gross weight - **“CHECKED”** (N)
10. Drop Checklist - **“COMPLETE”** (LM, E)

PERSONNEL AIRDROP EMERGENCY PROCEDURES**Fouled/Towed Parachutists Procedures, Paratroop Door Exit,****Utilizing Towed Paratroop Retrieval System/Paratroop****Retrieval Bar/5000 Pound Strap**

1. **“RED LIGHT ON”** - (CP)
2. Landing Gear - **“DOWN”** (CP)
3. Flaps - **“100 PERCENT”** (P/CP/E)
4. Parachutist Condition - **“INDICATES CONSCIOUS/
UNCONSCIOUS”** or **“PARACHUTISTS RELEASED”** (LM)
6. Status of Jumper - **“RETRIEVED/CUT AWAY”** (LM)
7. Flaps - **“50 PERCENT”** (P/CP/E)
8. Landing Gear - **“UP”** (CP)

Fouled/Towed Parachutist Procedures Tailgate Exit

1. **“RED LIGHT ON”** (CP)
2. Parachutists Condition - **“INDICATES CONSCIOUS/
UNCONSCIOUS”** (LM)
3. Parachutist Static Line - **“CUT/RETRIEVE”** (P)
4. Status of Jumper - **“RETRIEVED/CUT AWAY”** (LM)
5. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
6. Perform the Completion of Drop Checklist

CONTAINER DELIVERY SYSTEM (CDS)**Twenty-Minute Checklist**

1. **“CREW, TWENTY-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
“CDS CHECKLIST” (P)
2. Helmets and Oxygen Mask - **“ON”** (as required) (P, CP, N, EWO, LM, E)
3. Slowdown, Drop Zone and Escape - **“REVIEWED”** (P, CP, N, EWO)
4. Terminal Data - **“CHECKED”** (N)
5. Pressurization - **“DEPRESSURIZING”** (E)
6. Twenty-Minute Checklist - **“COMPLETE”** (LM, E)

Ten-Minute Checklist

1. **“CREW, TEN-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Airdrop Override Switch - **“OVERRIDE”** (N)
“NORMAL/OVERRIDE” (P/CP)
3. Red Light - **“ON”** (P/CP)
4. Cabin Altitude Check - **“COMPLETE”** (as required) (P, CP, N, EWO, LM, E)

5. Aux pump - **“ON”** (CP)
6. CDS Flap setting - **“COMPUTED, STATE SETTING”**
(P/CP, E)
7. Pressurization - **“NO PRESSURE”** (E)
8. Ten-Minute Checklist - **“COMPLETE”** (LM, E)

Six-Minute Checklist (As required for combination drops)

1. **“CREW, SIX-MINUTE ADVISORY”** (N)
“ACKNOWLEDGED” (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

140 KCAS CDS/CRS FLAP SETTING CHART

AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
90	*	*	*
95	*	*	0
100	*	*	4
105	*	*	8
110	*	1	12
115	*	5	16
120	0	9	19
125	4	13	23
130	7	16	27
135	10	20	31
140	14	24	35
145	17	28	38
150	20	31	42
155	24	35	46
160	27	39	50

*** RECOMMEND DROPPING AT 130 KCAS FOR THESE GROSS WEIGHTS**

130 KCAS CDS/CRS FLAP SETTING CHART			
AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
100	*	8	13
105	1	11	16
110	4	14	19
115	7	17	22
120	11	20	25
125	14	23	28
130	17	25	31
135	20	28	34
140	23	31	37
145	27	34	40
150	30	37	43
155	33	40	46
160	36	43	49

When dropping CRS/CDS (1-4 bundles), it is recommended that the aircraft gross weight be no less than 104,000 pounds at the time of release. If the drop must be made, use 0% flaps and expect longer than normal release time.

NOTE: If aircraft gross weight exceeds 120,000 pounds use the 140 KCAS flap setting chart. EXCEPTION: For combination drops above 120,000 pounds use 130 KCAS and the 130 KCAS flap setting chart.

Slowdown Checklist

1. **“SLOWDOWN NOW”** (N)
2. Flaps - **“STATE SETTING”** (P/CP)
3. Ramp and door - **“CLEAR TO OPEN”** (LM, P)
“OPEN AND LOCKED” (LM)
“INDICATES OPEN” (E)
4. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTING”** (P, CP)
5. Flaps - **“STATE SETTING”** (P/CP)
“SET, STATE SETTING” (E)
6. Terminal Consent - **“AS REQUIRED”** (P/CP)
7. Slowdown Checklist - **“COMPLETE”** (LM, E)

Two-Minute Checklist (As required for high-altitude combination airdrops)

1. **“CREW, TWO-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“TWO-MINUTE CHECKS COMPLETE”** (LM)

One-Minute Checklist

1. **“CREW, ONE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“ONE-MINUTE CHECKS COMPLETE”** (LM)

Release Point

1. **“TEN SECONDS”** (N)
2. **“GREEN LIGHT”** (N)
“ON” (P/CP)
3. Status of Gate – **“GATE RELEASED”** (or condition) (LM)
4. Status of Load - **“LOAD CLEAR”** (or condition) (LM)

Completion of Drop

1. **“RED LIGHT”** (N)
“ON” (P/CP)
2. Go-around mode - **“SET”** (P/CP)
3. Flaps - **“50 PERCENT”** (P/CP)
4. Ramp and door - **“CLOSED AND LOCKED”** (LM)
5. Flaps - **“UP”** (P/CP)
“FLAPS UP” (E)
6. Aux pump - **“OFF”** (CP)
7. Pressurization - **“SET”** (E)

8. Red light - **“OFF”** (P/CP)
9. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (as required) (P, CP)
10. Gross weight - **“CHECKED”** (N)
11. Drop Checklist - **“COMPLETE”** (LM, E)

CDS EMERGENCY PROCEDURES

1. Crew notified - **“MALFUNCTION”** (brief description) (LM)
2. Flaps - **“SET”** (P/CP/E)
3. Ramp and Door - **“CLEARED TO CLOSE”** (LM)
“CLOSED AND LOCKED” (E)
4. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
5. Perform Completion of Drop Checklist (*W*)

HEAVY EQUIPMENT AIRDROP**Twenty-Minute Checklist**

1. **“CREW, TWENTY-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
“HEAVY EQUIPMENT CHECKLIST” (P)
2. Helmets and Oxygen Mask - **“ON”** (as required) (P, CP, N, EWO, LM, E)
3. Slowdown, Drop Zone and Escape - **“REVIEWED”** (P, CP, N, EWO)
4. Terminal Data - **“CHECKED”** (N)
5. Pressurization - **“DEPRESSURIZING”** (E)
6. Twenty-Minute Checklist - **“COMPLETE”** (LM, E)

Ten-Minute Checklist

1. **“CREW, TEN-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Airdrop Override Switch - **“OVERRIDE”** (N)
“NORMAL/OVERRIDE” (P/CP)
3. Red Light - **“ON”** (P/CP)
4. Cabin Altitude Check - **“COMPLETE”** (as required) (P, CP, N, EWO, LM, E)

5. Aux pump - **“ON”** (CP)
6. Pressurization - **“NO PRESSURE”** (E)
7. Ten-Minute Checklist - **“COMPLETE”** (LM, E)

Six-Minute Checklist (As required for combination drops)

1. **“CREW, SIX-MINUTE ADVISORY”** (N)
“ACKNOWLEDGED” (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

Slowdown Checklist

1. **“SLOWDOWN NOW”** (N)
2. Flaps - **“50 PERCENT”** (P/CP)
“SET, 50 PERCENT” (E)
3. Ramp and door - **“CLEAR TO OPEN”** (LM, P)
“OPEN AND LOCKED” (LM)
“INDICATES OPEN” (E)
4. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTING”** (P, CP)
5. Terminal Consent - **“AS REQUIRED”** (P/CP)
6. Slowdown Checklist - **“COMPLETE”** (LM, E)

One-Minute Checklist

1. **“CREW, ONE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“ONE-MINUTE CHECKS COMPLETE”** (LM)

Release Point

1. **“TEN SECONDS”** (N)
2. **“GREEN LIGHT”** (N)
“ON” (P/CP)
3. Status of Load - **“LOAD CLEAR”** (or condition) (LM)

Completion of Drop

1. **“RED LIGHT”** (N)
“ON” (P/CP)
2. Go-around mode - **“SET”** (P/CP)
3. Ramp and door - **“CLOSED AND LOCKED”** (LM)
4. Flaps - **“UP”** (P/CP)
“FLAPS UP” (E)
5. Aux pump - **“OFF”** (CP)
6. Pressurization - **“SET”** (E)
7. Red light - **“OFF”** (P/CP)
8. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (P, CP)
9. Gross weight - **“CHECKED”** (N)
10. Drop Checklist - **“COMPLETE”** (LM, E)

**HEAVY EQUIPMENT AIRDROP EMERGENCY
PROCEDURES**

Loose Platform Prior to Green Light

1. Crew Notified - **“LOOSE PLATFORM”** (LM)
2. Ramp and door - **“CLEAR TO CLOSE ”** (as required) (LM)
“CLOSED AND LOCKED” (E)
3. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
4. Perform Completion of Drop Checklist

**Extraction Parachute Fails to Release Mechanically, Falls on
the Ramp or Load Fails to Release (with Single Extraction
Parachute) Outside the Aircraft**

1. Crew Notified - **“MALFUNCTION”** (LM)
2. Ramp and door - **“CLEAR TO CLOSE ”** (as required) (LM)
“CLOSED AND LOCKED” (E)
3. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
4. Perform Completion of Drop Checklist

**Multiple 28 ft Extraction Parachutes Fail to Release
Mechanically or Falls on the Ramp**

1. Crew Notified – **“MALFUNCTION”** (LM)
2. Ramp and door - **“CLEAR TO CLOSE ”** (as required) (LM)
“CLOSED AND LOCKED” (E)

3. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
4. Perform Completion of Drop Checklist

Load Fails to Extract with Multiple 28 ft Extraction

Parachutes Outside the Aircraft

1. Crew Notified - **“MALFUNCTION – LOAD FAILED TO EXTRACT”** (LM)

**HIGH SPEED LOW-LEVEL AERIAL DELIVERY SYSTEM
(HSSLADS) AIRDROP**

Twenty-Minute Checklist

1. **“CREW, TWENTY-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
“HSSLADS CHECKLIST” (P)
2. Drop Zone and Escape - **“REVIEWED”** (P, CP, N, EWO)
3. Terminal Data - **“CHECKED”** (N)
4. Pressurization - **“DEPRESSURIZING”** (E)
5. Twenty-Minute Checklist - **“COMPLETE”** (LM, E)

Ten-Minute Checklist

1. **“CREW, TEN-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Airdrop Override Switch - **“OVERRIDE”** (N)
“NORMAL/OVERRIDE” (P/CP)
3. Red Light - **“ON”** (P/CP)
4. Aux pump - **“ON”** (CP)
5. Pressurization - **“NO PRESSURE”** (E)
6. Ten-Minute Checklist - **“COMPLETE”** (LM, E)

Three-Minute Checklist

1. **“CREW, THREE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Ramp and door - **“CLEAR TO OPEN”** (LM, P)
“OPEN AND LOCKED” (LM)
“INDICATES OPEN” (E)
3. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (P, CP)
4. Terminal consent - **“AS REQUIRED”** (P/CP)
5. **“THREE-MINUTE CHECKS COMPLETE”** (LM, E)

One-Minute Checklist

1. **“CREW, ONE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“ONE-MINUTE CHECKS COMPLETE”** (LM)

Release Point

1. **“TEN SECONDS”** (N)
2. **“GREEN LIGHT”** (N)
“ON” (P/CP)
3. Status of Load - **“LOAD CLEAR”** (or condition) (LM)

Completion of Drop

1. **“RED LIGHT”** (N)
“ON” (P/CP)
2. Go-around mode - **“SET”** (P/CP)
3. Ramp and door - **“CLOSED AND LOCKED”** (LM)
4. Aux pump - **“OFF”** (CP)
5. Pressurization - **“SET”** (E)
6. Red light - **“OFF”** (P/CP)
7. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (P, CP)
8. Gross weight - **“CHECKED”** (N)
9. Drop Checklist - **“COMPLETE”** (LM, E)

**HIGH SPEED LOW-LEVEL AERIAL DELIVERY SYSTEM
(HSSLADS) EMERGENCY PROCEDURES**

Opening Malfunction (During Opening of the Ramp and Door)

1. Crew Notified - **“OPENING MALFUNCTION”** (LM)
2. Ramp and Door - Stop Opening action (E)
“CLEAR TO CLOSE” (LM)
“CLOSED AND LOCKED” (E)
3. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)

Sling Deterioration After Ramp and Door is Open

1. Crew Notified - **“SLING DETERIORATION”** (LM)
2. Ramp and Door - **“CLEAR TO CLOSE”** (LM)
“CLOSED AND LOCKED” (E)
3. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
4. Perform Completion of Drop Checklist

Release Assembly Fails to Release, or Load Fails to Exit

1. Crew Notified - **“MALFUNCTION”** (LM)
2. Ramp and door - **“CLEAR TO CLOSE RAMP AND DOOR”**
“CLOSED AND LOCKED” (E)
3. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
4. Perform Completion of Drop Checklist

CONTAINER RELEASE SYSTEM (CRS) AIRDROP**Twenty-Minute Checklist**

1. **“CREW, TWENTY-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
“CRS CHECKLIST” (P)
2. Helmets and Oxygen Mask - **“ON”** (as required) (P, CP, N, EWO, LM, E)
3. Slowdown, Drop Zone and Escape - **“REVIEWED”** (P, CP, N, EWO)
4. Terminal Data - **“CHECKED”** (N)
5. Pressurization - **“DEPRESSURIZING”** (E)
6. Twenty-Minute Checklist - **“COMPLETE”** (LM, E)

Ten-Minute Checklist

1. **“CREW, TEN-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Airdrop Override Switch - **“OVERRIDE”** (N)
“NORMAL/OVERRIDE” (P/CP)
3. Red Light - **“ON”** (P/CP)
4. Cabin Altitude Check - **“COMPLETE”** (as required) (P, CP, N, EWO, LM, E)

5. Aux pump - **“ON”** (CP)
6. CRS Flap setting - **“COMPUTED, STATE SETTING”**
(P/CP, E)
7. Pressurization - **“NO PRESSURE”** (E)
8. Ten-Minute Checklist - **“COMPLETE”** (LM, E)

Six-Minute Checklist (As required for combination drops)

1. **“CREW, SIX-MINUTE ADVISORY”** (N)
“ACKNOWLEDGED” (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

140 KCAS CDS/CRS FLAP SETTING CHART

AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
90	*	*	*
95	*	*	0
100	*	*	4
105	*	*	8
110	*	1	12
115	*	5	16
120	0	9	19
125	4	13	23
130	7	16	27
135	10	20	31
140	14	24	35
145	17	28	38
150	20	31	42
155	24	35	46
160	27	39	50

*** RECOMMEND DROPPING AT 130 KCAS FOR THESE GROSS WEIGHTS**

130 KCAS CDS/CRS FLAP SETTING CHART			
AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
100	*	8	13
105	1	11	16
110	4	14	19
115	7	17	22
120	11	20	25
125	14	23	28
130	17	25	31
135	20	28	34
140	23	31	37
145	27	34	40
150	30	37	43
155	33	40	46
160	36	43	49

When dropping CRS/CDS (1-4 bundles), it is recommended that the aircraft gross weight be no less than 104,000 pounds at the time of release. If the drop must be made, use 0% flaps and expect longer than normal release time.

NOTE: If aircraft gross weight exceeds 120,000 pounds use the 140 KCAS flap setting chart. EXCEPTION: For combination drops above 120,000 pounds use 130 KCAS and the 130 KCAS flap setting chart.

Slowdown Checklist

1. **“SLOWDOWN NOW”** (N)
2. Flaps - **“STATE SETTING”** (P/CP)
“SET, STATE SETTING” (E)
3. Ramp and door - **“CLEAR TO OPEN”** (LM, P)
“OPEN AND LOCKED” (LM)
“INDICATES OPEN” (E)
4. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTING”** (P, CP)
5. Flaps - **“STATE SETTING”** (P/CP)
“SET, STATE SETTING” (E)
6. Terminal Consent - **“AS REQUIRED”** (P/CP)
7. Slowdown Checklist - **“COMPLETE”** (LM, E)

Two-Minute Checklist (As required for high altitude combination airdrops)

1. **“CREW, TWO-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“TWO-MINUTE CHECKS COMPLETE”** (LM)

One-Minute Checklist

1. **“CREW, ONE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“ONE-MINUTE CHECKS COMPLETE”** (LM)

Release Point

1. **“TEN SECONDS”** (N)
2. **“GREEN LIGHT”** (N)
“ON” (P/CP)
3. Status of Load - **“LOAD CLEAR”** (or condition) (LM)

Completion of Drop

1. **“RED LIGHT”** (N)
“ON” (P/CP)
2. Go-around mode - **“SET”** (P/CP)
3. Flaps – **“50 PERCENT”** (P/CP)
4. Ramp and door - **“CLOSED AND LOCKED”** (LM)
5. Flaps - **“UP”** (P/CP)
“FLAPS UP” (E)
6. Aux pump - **“OFF”** (CP)
7. Pressurization - **“SET”** (E)

8. Red light - **“OFF”** (P/CP)
9. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (P, CP)
10. Gross weight - **“CHECKED”** (N)
11. Drop Checklist - **“COMPLETE”** (LM, E)

CRS EMERGENCY PROCEDURES

Release Assembly Fails to Release, or Load Fails to Exit

1. Crew notified - **“MALFUNCTION”** (LM)
2. Flaps - **“SET”** (P/CP/E)
3. Ramp and door - **“CLEAR TO CLOSE ”** (as required) (LM)
“CLOSED AND LOCKED” (E)
4. **“MALFUNCTION CHECKLIST COMPLETE”** (LM)
5. Perform Completion of Drop Checklist

LEAFLET AIRDROP

Note: Leaflet drops are very dependent on the amount and type of load and delivery saturation. These procedures are a suggested means of accomplishment and may be modified to suit the actual mission.

Twenty-Minute Checklist

1. **“CREW, TWENTY-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
“LEAFLET CHECKLIST” (P)
2. Helmets and Oxygen Mask - **“ON”** (as required) (P, CP, N, EWO, LM, E)
3. Slowdown, Drop Zone and Escape - **“REVIEWED”** (P, CP, N, EWO)
4. Terminal Data - **“CHECKED”** (N)
5. Pressurization - **“DEPRESSURIZING”** (E)
6. Twenty-Minute Checklist - **“COMPLETE”** (LM, E)

Ten-Minute Checklist

1. **“CREW, TEN-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. Airdrop Override Switch - **“OVERRIDE”** (N)
“NORMAL/OVERRIDE” (P)

3. Red Light - **“ON”** (P/CP)
4. Cabin Altitude Check - **“COMPLETE”** (as required) (P, CP, N, EWO, LM, E)
5. Aux pump - **“ON”** (CP)
6. Pressurization - **“NO PRESSURE”** (E)
7. Ten-Minute Checklist - **“COMPLETE”** (LM, E)

Slowdown Checklist

1. **“SLOWDOWN NOW”** (N)
2. Flaps (As Required) - **“STATE SETTING”** (P/CP)
“SET, STATE SETTING” (E)
3. Ramp - **“CLEAR TO OPEN”** (LM, P)
“OPEN AND LOCKED” (LM)
4. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTING”**(P, CP)
5. Terminal Consent - **“AS REQUIRED”** (P/CP)
6. Slowdown Checklist - **“COMPLETE”** (LM, E)

One-Minute Checklist

1. **“CREW, ONE-MINUTE WARNING”** (N)
“ACKNOWLEDGED” (LM)
2. **“ONE-MINUTE CHECKS COMPLETE”** (LM)

Release Point

1. **“TEN SECONDS”** (N)
2. **“GREEN LIGHT”** (N)
“ON” (P/CP)
3. Status of Load - **“LOAD CLEAR”** (or condition) (LM)
4. Cargo Compartment - **“SET”** (multiple passes/targets) (LM)

Completion of Drop

1. **“RED LIGHT”** (N)
“ON” (P/CP)
2. Go-around mode - **“SET”** (P/CP)
3. Ramp and door - **“CLOSED AND LOCKED”** (LM)
4. Flaps - **“UP”** (P/CP)
“FLAPS UP” (E)
5. Aux pump - **“OFF”** (CP)
6. Pressurization - **“SET”** (E)
7. Red light - **“OFF”** (P/CP)
8. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (P, CP)
9. Gross weight - **“CHECKED”** (N)
10. Drop Checklist - **“COMPLETE”** (LM, E)

COMBAT OFFLOAD**Preparation for Combat Offload Checklist**

1. **“COMBAT OFFLOAD PREPARATION CHECKLIST”**
(P)
“ACKNOWLEDGED” (LM)
2. Crew briefing - **“COMPLETE”** (P)
3. Interphone/PA system - **“ON/CHECKED”** (P, CP, N, EWO, LM, E)
4. Ramp and door - **“CLEAR TO OPEN”** (P)
“OPEN AND LOCKED” (LM)
5. Preparation for Offload Checklist - **“COMPLETE”** (LM, E)

Combat Offload Method A Checklist

1. **“METHOD A OFFLOAD CHECKLIST”** (P)
“ACKNOWLEDGED” (LM)
2. Aircraft - **“POSITIONED AND STOPPED”** (P)
3. Brakes - **“SET”** (P)
4. **“CLEAR TO TAXI”** (LM)
5. Aircraft - Taxied (P)
6. **“LOAD CLEAR”** (or condition) (LM)
7. Aircraft - Stopped (P)
8. Brakes - **“SET”** (P)

9. Interphone/PA system - **“INTERPHONE”** (P)
10. Offload checklist - **“COMPLETE”** (LM, E)

Combat Offload Method B Checklist

1. **“METHOD B OFFLOAD CHECKLIST”** (P)
“ACKNOWLEDGED” (LM)
2. Aircraft - **“POSITIONED AND STOPPED”** (P)
3. Brakes - **“SET”** (P)
4. **“CLEAR TO TAXI”** (LM)
5. Aircraft - Taxied (P)
6. **“STOP TAXI”** (LM)
7. Brakes - **“SET”** (P)
8. **“CLEAR TO TAXI”** (LM)
9. **“LOAD CLEAR”** (or condition) (LM)
10. Interphone/PA system - **“INTERPHONE”** (P)
11. Offload checklist - **“COMPLETE”** (LM, E)

PRE-SEARCH

1. **“PRE-SEARCH CHECKLIST”** (P)
“ACKNOWLEDGED” (LM)
2. Crew briefing - **“COMPLETE”** (P)
3. Stall speeds - **“COMPUTED”** (E)
4. Helmets and Oxygen Mask - **“ON”** (as required) (P, CP, E, N, EWO, LM)
5. Pressurization - Set (E)
6. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (P, CP)
7. Altimeters - **“SET, STATE SETTING”** (P, CP, N)
8. High altitude checks - **“COMPLETE”** (as required) (P, CP, E, N, EWO, LM)
9. Flaps - **“SET, STATE SETTING”** (P/CP)
10. Airspeed - Checked (P, CP, E)
11. Air deflector doors - **“OPEN”** (As Required) (P/CP)
12. Aux pump - **“ON”** (CP)
13. Paratroop door/Ramp and door - **“CLEAR TO OPEN”** (as required) (LM, P)
14. Ramp and door - **“INDICATES OPEN”** (E)
16. Pre-search Checklist - **“COMPLETE”** (LM, E)

POST-SEARCH

1. **“POST-SEARCH CHECKLIST”** (P)
“ACKNOWLEDGED” (LM)
2. Air deflector doors - **“OPEN”** (as required) (P/CP)
3. Paratroop door/Ramp and door - **“CLOSED AND LOCKED”**
(as required) (LM, P)
4. Air deflector doors - **“CLOSED”** (as required) (P/CP)
5. Aux pump - **“OFF”** (CP)
6. Flaps - **“SET, STATE SETTING”** (P/CP)
7. Pressurization - Set (E)
8. Clearance Altitude/Radar altimeters - **“SET, STATE SETTING”** (P, CP)
9. Altimeters - **“SET, STATE SETTING”** (P, CP, N)
10. Post-search Checklist - **“COMPLETE”** (LM, E)

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