CREWMEMBER'S

AIRCREW CHECKLIST

USAF SERIES

CH-3E

AND

HH-3E

HELICOPTERS

N0W63-03734

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**Basic & All Changes Have Been
Merged To Make This A Complete Publication**
COMMANDERS ARE RESPONSIBLE FOR BRINGING THIS
CHECKLIST TO THE ATTENTION OF ALL PERSONNEL
CLEARED FOR OPERATION OF THE AIRCRAFT.

THIS PUBLICATION SUPERSEDES OPERATIONAL
SUPPLEMENT T.O. 1H-3(C)-1S-155, DATED 22
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CHANGE 1 — 14 AUGUST 1986

LIST OF EFFECTIVE PAGES

Insert latest changed pages; dispose of superseded pages in accordance with applicable regulations.

NOTE: On a changed page, the portion of the text affected by the latest change is indicated by a vertical line in the outer margin of the page.

Date of issue for original and changed pages are:

Original .. 0 .... 1 Sep 83
Change ... 1 ... 14 Aug 86

TOTAL NUMBER OF PAGES IN THIS MANUAL IS 18 CONSISTING OF THE FOLLOWING:

Page No.	*Change No.	Page No.	*Change No.
Title	1		
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N-1 — N-8	1		
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*Zero in this column indicates an original page.

FOREWORD

YOUR RESPONSIBILITY. In accordance with AFR 60-9, the flight crew is required to use this checklist when operating the subject system. These checklists are limited to the essential, key elements of a procedure, and the wording is designed to prompt recall of the detailed procedures.

TECHNICAL ORDER NUMBER. This checklist is identified by a T.O. number that is identical to that of the applicable Flight Manual except for the addition of the letters CL (checklist) and a suffix number indicating the crewmember to whom it applies.

CONTENT. This checklist consists of two parts, normal procedures and emergency procedures. The numbered items (line items) correspond to identically numbered items in the amplified procedures in Section VIII of the Flight Manual. Emergency procedures are identified by a black striped border. This checklist does not replace the amplified version of the procedures in the Flight Manual, which must be read and thoroughly understood as to why each step is performed and why it occurs in a certain sequence.

CONCURRENCY. As changes are made to the applicable amplified checklist in the Flight Manual, concurrent changes will be made to this checklist so that both will agree. However, a change to the Flight Manual many not affect the amplified procedures. Therefore, the Flight Manual date may not be the same as the checklist date. To determine the checklist applicable to a given Flight Manual issue, refer to T.O. 0-1-1-5. For purposes of determining the concurrency between the Flight Manual and this checklist, the latest date of a Supplement affecting this checklist will be considered to represent the latest change date of the Flight Manual.

SUPPLEMENTS. Whenever you receive a supplement affecting your checklist, a notation on the bottom inside corner of these pages will indicate that they reflect one or more supplements. Note that there is no action in the checklist program that constitutes authority for discarding a supplement. Such action is authorized only through the title page of the Flight Manual, another supplement, or T.O. 0-1-1-5.

BINDERS. Binders containing plastic envelopes, to hold and protect the checklist pages, are available through normal AF supply channels. The binders are available with either 25 or 40 envelopes. The

Federal Stock Numbers for these binders are:
7510-766-4269 and 7510-766-4270, respectively. Be
sure to order enough binders. If you have a large
checklist, you may want to carry the checklist in
two small binders instead of a single large binder.

COMMENTS AND QUESTIONS. Any comments and
questions should be directed through your Command Headquarters to Warner Robins ALC, Robins
Air Force Base, Ga., 31098-5609, Attention: MMEDF.

NORMAL PROCEDURES

OPERATING PROCEDURES.

Rescue Hoist Preflight Checklist (POWER ON).
1. Crew Position - CHECK DOWN AND UP
2. Pilot's Position - CHECK DOWN AND UP
3. Manual Override - CHECK
4. Hoist Operator ICS - CHECK HOT MIKE
5. Hoist and Equipment - STOW

PREFLIGHT.
1. Applicable Exits - OPEN.
2. Gun mounts - FIRING POSITION.
3. Weapon - SAFE.
4. Weapon - SERVICEABLE.
5. System components - INSTALLED AND SECURE.

> **CAUTION**

Ensure that no portions of the aircraft are in the guns field of fire.

6. Gun - STOWED.
7. Ammunition - CHECKED and SECURED.

ARMING.
1. Personnel harness - CHECKED AND ON.
2. Helmet visor/goggles - DOWN/ON.
3. Guns - FIRING POSITION.

4. Gunners - LEFT, RIGHT, AFT GUNNER - REQUEST PERMISSION TO ARM GUN.
   a. Safety lever - F (Firing)
   b. Expended brass chute - AS REQUIRED.
   c. Cocking lever - PULL COCKING LEVER FULL and PUSH FULL FORWARD.
   d. Safety lever - S (Safety).
   e. Expended brass chute - SECURE.

WARNING

Weapons fired without the expended brass chute installed will cause damage to the aircraft's rotor blade system.

f. Latch lever - TURN AFT and RAISE COVER.

CAUTION

Do not turn latch lever more than required to unlock the cover, as damage to the latch spring will result.

g. Ammunition - POSITION ON FEED TRAY.
h. Latching cover - CLOSED.

5. Gunners - Report by position; ie, left gun, right gun, aft gun - "GUN ARMED AND READY TO FIRE."

FIRING.

1. Gunner - REQUEST PERMISSION FROM PILOT TO FIRE.
2. Safety lever - F (Firing).
3. Guns - FIRE AS NECESSARY.

WARNING

The gun safety button should only be placed on FIRE immediately prior to firing, and then turned to SAFE immediately upon cease firing to preclude any unintentional firing. Keep weapon pointed in a safe direction.

DE-ARMING.

1. Cover assembly - OPENED.
2. Chamber - CLEAR.
3. Safety Button - S (Safety).
4. Feed chute/ammo - REMOVE.

> ┌─────────────┐
> ┊ **CAUTION** ┊
> └─────────────┘
>
> Before stowing, wait 5 minutes to allow
> the barrel/chamber to cool.

5. Gunners - Report by position; ie, left gun, right
   gun, aft gun - "SAFE AND CLEAR."
6. Cover assembly - CLOSED.
7. Guns and mounts - STOW.

FLARE EJECTOR SET OPERATING PROCEDURES.

PREFLIGHT.

1. All flare ejector set circuit breakers - CLOSED.
2. Control panel - SET.
   a. FLARES PER BURST switch - AS REQUIRED.
   b. BURST SELECTOR - AS REQUIRED.
   c. INTERVAL SELECTOR - AS REQUIRED.
   d. BURSTS REMAINING - TO NUMBER OF
      BURSTS LOADED.
   e. TRANSFER/OFF switch - OFF.
   f. POWER/OFF switch - OFF.
   g. AUTO/OFF switch - AUTO.

ARMING.

1. Pilot's AN/ALE-20 ARMING SWITCH - ON.

2. Control panel POWER/OFF switch - POWER.

FIRING.

Upon missile sighting, press RELEASE button at
any release station.

DE-ARMING.

1. Pilot's AN/ALE-20 ARMING SWITCH - OFF.
2. Control panel POWER/OFF switch - OFF.

SMOKE/FLARE DROP CHECKLIST.

1. Safety harness - ON, ADJUSTED.
2. Interphone Control - SET.
3. Gloves - ON.
4. Door - OPEN.
5. Smoke/Flare device - PREPARED.
6. Smoke/Flare drop checklist - "COMPLETED"
   (FE).

HOIST OPERATOR'S BEFORE PICKUP CHECKLIST.

1. Safety harness - ON, ADJUSTED.
2. Cabin interphone control - SET.
3. Gloves - ON.
4. Door - OPEN.

5. Hoist master switch - "CREW". (P)
6. Anti-collision strobe lights - AS REQUIRED.
7. Hoist - CHECKED.
8. Rescue device - ATTACHED.
9. Hoist operator's before pickup checklist - "COMPLETED AND READY FOR PICKUP, ACKNOWLEDGE." (Hoist operator will use HOT MIKE for this response.)

HOIST OPERATOR'S AFTER PICKUP CHECKLIST.

1. Survivor - "IN AND SECURE, READY FOR TAKEOFF." (FE)
2. Hot mike - OFF.
3. Hoist and cabin - SECURE.
4. Anti-collision strobe lights - AS REQUIRED.
5. Hoist master switch - "OFF, AFTER PICKUP CHECKLIST COMPLETED." (FE)

CARGO SLING PROCEDURES.

Cargo Sling Preflight Checklist (POWER ON).

1. Cargo sling switch - "SLING" (CP, FE).
2. Pilot's electrical release - "CHECKED (P, (FE, FIREGUARD)).

3. Co-pilot's electrical release - "CHECKED" (CP, FE, FIREGUARD).
4. Cargo sling switch - "AUTO" (CP, FE).
5. Cargo sling switch - "SAFE" (CP, FE).
6. Pilot's emergency release pedal - "CHECKED" (P) "CHECKED OPEN" (FE, FIREGUARD).
7. Cargo hook manual release - "CHECKED" (FE, FIREGUARD).
8. Cargo sling preflight checklist - "COMPLETED" (FE).

CARGO SLING PRE-PICKUP CHECKLIST.

1. Power available check - "COMPLETED" (P).
2. Crew/ground personnel - "BRIEFED AS RE-QUIRED" (P).
3. Cargo Sling - "LOWERED" (FE).
4. Safety harness - "ON AND ADJUSTED" (FE).
5. Cargo Door - "OPEN" (FE).
6. Sling master switch - "SLING" (CP).
7. Lower strobe light - "OFF" (CP).
8. Cargo sling checklist - "COMPLETED" (FE).

AFTER RELEASE CHECKLIST.

1. Cargo sling - "STOWED" (FE).
2. Sling master switch - "SAFE" (CP).
3. Lower strobe light - "ON" (CP).
4. After release checklist - "COMPLETED" (FE).

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EMERGENCY PROCEDURES

EMERGENCY PROCEDURES

M60 MACHINE GUN

Procedures In Case Of Failure To Fire.

After a failure to fire, the following precautions, as applicable, will be observed.

1. Guns - ON TARGET.
   a. Keep gun trained on target for a minimum of five seconds.
   b. Expended brass chute - REMOVE (Gain access to cocking handle).
2. Cocking handle - AFT.
   a. Pull cocking handle aft to attempt to eject round. Return cocking handle to forward position.
   b. Safety Button - S (Safety).
3. If round is ejected - RESUME FIRING.

4. If round is not ejected - RAISE COVER AND REMOVE BELT.

| **WARNING** |

If the round does not eject do not attempt to fire the gun.

5. Chamber - CLEAR.
6. Gun - REARM.

AN/ALE-20 FLARE EJECTOR SET

Flare Case Fire (Ground Operations)
1. Evacuate personnel.
2. Notify firefighting unit.

Flare Case Fire (In Flight)
1. RH or LH case jettison switch - ON.
If flare case fails to jettison:
2. Manual Case Jettison Lever - PULL.