

PILOTS'

FLIGHT CREW CHECKLIST

USAF SERIES

CH-3E

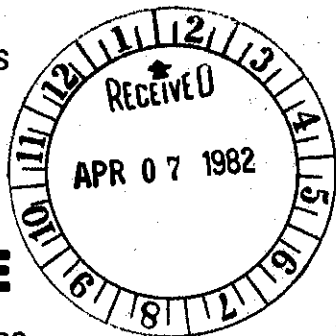
AND

HH-3E

HELICOPTERS

NOw-63-0373-f

F09603-81-C-0108



Commanders are responsible for bringing this checklist to the attention of all affected personnel.

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T.O. 1H-3(C)E-1CL-1

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Insert latest changed pages; dispose of superseded pages in accordance with applicable regulations.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

Total number of pages in this manual is 74 consisting of the following:

Page No.	#Change No.	Page No.	# Change No.
Title	12	R-1 - R-2	0
A	12	R-3	1
i - iii	0	R-4 - R-5	0
iv	7	R-6 Blank	0
N-1	6	E-1	12
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N-4	5	E-4	0
N-5 - N-11	12	E-4A	7
N-12	10	E-4B Blank	7
N-13	12	E-5 - E-6	6
N-14	6	E-7 - E-8	12
N-15	12	E-8A Deleted	12
N-16	5	E-8B Blank	
N-17 - N-18	12	Deleted	12
N-19 - N-20	0	E-9	10
N-21	7	E-10 Blank	0
N-22 - N-23	0	PA-1 - PA-3	0
N-24 Blank	0	PA-4	9
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A-1	0	PA-6	5
A-2 - A-3	8	PA-7	0
A-4	12	PA-8 - PA-9	2
A-5	11	PA-10 - PA-15	0
A-6 Blank	7	PA-16 Blank	0

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 aircraft.

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 crew member to whom it applies.

CONTENT. This checklist consists of five parts, normal procedures, emergency procedures, performance data, alert procedures, and hot refueling procedures. The numbered items (line items) correspond to identically numbered items in the amplified procedures in sections II and III of the Flight Manual. Emergency procedures are identified by a black striped border. A Take-Off and Landing Data Card is included at the end of the normal procedures checklist.

FLIGHT MANUAL. This checklist does not replace the amplified version of the procedures in the Flight Manual. To fly the helicopter

safely and efficiently, you must read and thoroughly understand why each step is performed and why it occurs in a certain sequence.

CONCURRENCY. As changes are made to the amplified checklists in the Flight Manual, concurrent changes will be made to this checklist so that both will agree. However, a change to the Flight Manual may 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 the bottom of the Flight Manual "A" page under "Current Flight Crew Checklist." For purposes of determining the concurrency between the Flight Manual and this checklist, the latest date of a Safety Supplement affecting this checklist will be considered to represent the latest change date of the Flight Manual.

SAFETY SUPPLEMENTS. Whenever you receive a supplement affecting your checklist, write in the appropriate information. Printed, replacement checklist pages will be made available to you as quickly as possible through the "quick change" checklist program. A notation on the bottom inside corner of these pages will indicate that they reflect certain Safety

Supplements. Note that there is no action in the checklist program that constitutes authority for discarding a Safety Supplement. Such action is authorized only through the title page of the Flight Manual or T.O. 0-1-1-5.

CHANGES AND REVISIONS. Whenever you receive a normal change or revision to your checklist, check to ascertain that it contains all outstanding Safety Supplements that affect the checklist. If it does not, add in the required information by hand (sometimes you will be able to accomplish this end by retaining the appropriate quick change page which references the outstanding supplement).

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 Air Force Stock list 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 it in two small binders instead of a single large one.

COMMENTS AND QUESTIONS. Any comments and questions should be directed through your

T.O. 1H-3(C)E-1CL-1

Command Headquarters to Warner Robins ALC,
Robins AFB, Ga., 31098, Attention: MMSRDD. ■

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PREFLIGHT CHECK

INTERIOR INSPECTION

1. Maintenance preflight inspection -
CHECKED & SIGNED OFF.
2. AVFUELS IDENTAPLATE -
ABOARD.
3. Flight information publications -
CHECKED.
4. Pilot's compartment - **CHECKED.**
5. Cargo compartment - **CHECKED.**
6. Cabin windows installation -
CHECKED.
7. Flare case jettison switches -
OFF AND SAFETIED.
8. AN/ALE-20 flare set control panel - **SET.**
9. Aux servo compartment - **CHECKED.**

EXTERIOR INSPECTION

1. Right front fuselage.
 - a. Covers, plugs, tie-downs, and static wire - REMOVED.
 - b. Pilot's window emergency release handle - SECURED.
 - c. Cargo door and release mechanisms - SECURED.
 - d. Access panels - SECURED.
2. Upper right fuselage.
 - a. Engine oil level - CHECKED.
 - b. Engine inlet - CHECKED.
 - c. Engine - CHECKED.
 - d. Engine exhaust section - CHECKED.
 - e. Engine door - CHECKED.
 - f. Main gear box - CHECKED.
 - g. Emergency gear extension bottle - CHECKED.
 - h. Transmission deck - CHECKED.
 - i. Main rotor blades - CHECKED.
 - j. Main rotor head fairing - CHECKED.
 - k. Damper reservoir - CHECKED.
 - l. Main rotor head reservoirs - CHECKED.

- m. Main rotor head assembly and control linkages - CHECKED.
 - n. Utility hydraulic reservoir - CHECKED.
 - o. Rotor brake hydraulic reservoir - CHECKED. Serviced and free of leaks.
 - p. Hydraulic power package and utility heat exchanger - CHECKED.
 - q. Fire extinguishers - CHECKED.
 - r. Main rotor head fairing access panel - SECURED.
3. Upper transition section and tail.
- a. Antennas - CHECKED.
 - b. Stabilizer - CHECKED.
 - c. Anti-collision light - CHECKED.
 - d. Tail rotor gear box - CHECKED.
 - e. Tail rotor hub - CHECKED.
 - f. Tail rotor blades - CHECKED.
 - g. Access steps - CHECKED.
 - h. Transmission work platform - SECURED
4. Right position.
- a. Sponson and auxiliary fuel tank - CHECKED.

- b. Main gear and tires -
CHECKED.
 - c. Lower anti-collision lights -
CHECKED. For cracks and
security.
 - d. Removable cabin windows -
CHECKED.
5. Right rear fuselage.
- a. Flare case - CHECKED.
 - b. Tail pylon - CHECKED.
6. Left rear fuselage.
- a. Intermediate gear box -
CHECKED.
 - b. Flare case - CHECKED.
 - c. Fire extinguisher discharge
pins - CHECKED. Ensure
pins are not pushed out indi-
cating a discharged fire
extinguisher.
7. Left sponson.
- a. Sponson and auxiliary fuel
tank - CHECKED.
 - b. Main gear and tires -
CHECKED.
 - c. Removable cabin windows -
CHECKED.
8. Upper left fuselage.
- a. Engine oil level - CHECKED.
 - b. Engine inlet - CHECKED.

- c. Engine - CHECKED.
 - d. Engine exhaust section - CHECKED.
 - e. Engine door - CHECKED.
 - f. Main gear box - CHECKED.
 - g. Transmission deck - CHECKED.
 - h. Main rotor blades - CHECKED.
 - i. Main rotor head fairing - CHECKED.
 - j. Main rotor head reservoirs - CHECKED.
 - k. Main rotor head assembly and control linkages - CHECKED.
 - l. Primary and auxiliary reservoirs - CHECKED.
 - m. Fire extinguisher - CHECKED.
 - n. Main rotor head fairing access panels - SECURED.
 - o. APU cowling - CHECKED.
 - p. Main transmission work platform - SECURED.
9. Left front fuselage.
- a. Main fuel tank filler caps - SECURED.
 - b. Removable hatch - SECURED.
 - c. Antennas - CHECKED.
 - d. Copilot's window emergency release handle - SECURED.

- e. Covers, plugs and all tie-downs - REMOVED.
10. Front fuselage.
- a. Nose gear and tires - CHECKED. Free of leaks and secure.
 - b. Electronics compartment access door - SECURED.
 - c. Battery door - SECURED. Closed, locked and free of damage. Search light assembly for broken/cracked bulb.
 - d. Pilots-copilots and center windshields - CHECKED. Clean and undamaged.
 - e. Refueling probe - CHECKED. Secure and free of leaks.

BEFORE STARTING ENGINES

- *1. Passenger & crew briefing - "COMPLETED." (P)
- *2. Safety belt, shoulder harness, seat and rotor pedals - "FASTENED AND CHECKED" (CP, P)
- 3. Window emergency release - "CHECKED." (CP, P)
- 4. Pilot's console "SET." (P)
- 5. Nose wheel - "AS REQUIRED." (P)

6. Cockpit console - "SET" (CP, P)
- *7. Hoist and servo switches -
"SET." (CP, P)
- *8. Circuit breakers - "SET." (CP, P)
- *9. Overhead switch panel - "SET."
(P)
10. Engine controls - "CHECKED."
(P)
- *11. Rotor brake - "LOCK-OFF,
BRAKE-ON." (P)
12. Pressure refuel panel - "SET." (P)
- *13. Fuel management system -
"SET." (CP)
- *14. Caution-advisory lights -
"CHECKED." (P)
- *15. Intercom - "CHECKED." (ALL)
- *16. Fire warning system -
"CHECKED." (P, CP)
- *17. APU - "CLEAR" (FM)
"STARTING." (CP or P)
- *18. Caution and advisory lights -
"CHECKED." (P)
- *19. Transmission and hydraulic indi-
cators - "CHECKED." (P)
20. External power - "AS REQUIRED."
(P, FM)
21. Cargo sling releases - "CHECKED
AS REQUIRED." (CP, P, FM)

- 22. Rescue hoist - "CHECKED AS REQUIRED." (FM)
- *23. Ramp - "AS REQUIRED; CABLE ATTACHED." (FM)
- *24. Lights - "CHECKED." (FM) "SET." (P)
- *25. "Comm/NAV/Radios/Altimeter - "SET." (CP, P)
- 26. Chip detector and ramp caution lights - "CHECKED." (P)
- *27. Landing gear and warning light - "CHECKED." (P)
- 28. Turn rate switches - "NORMAL." (CP, P)
- 29. Voltmeter selector-"CHECKED." (CP)
- *30. J-4 compass - "SLAVED AND ALIGNED." (P) "ALIGNED"(CP)
- *31. Electronic altimeter - "ON." (CP, P)
- 32. Flight controls and cyclic trim - "CHECKED." (P, FM)
- 33. Primary servo - "OFF." (CP) "CHECKED, INTERLOCK CHECKED." (P)
- 34. Auxiliary servo - "OFF" (CP) "CHECKED, INTERLOCK CHECKED." (P)

35. Servo switches - "CENTERED." (CP) "PRI, AUX-CENTERED." (P)
36. Parking brake - "RESET." (P)
- *37. "Before Starting Engines check-list completed." (CP)

ENGINE STARTING AND ROTOR ENGAGEMENT

1. Ignition switches - "NORMAL" (CP)
2. Fuel management system - "CHECKED AND SET." (CP)
3. No. 1 engine - "CLEAR" (FM), "STARTING." (CP or P)
4. No. 2 engine - "CLEAR" (FM), "STARTING." (CP or P)
5. External auxiliary fuel tanks - "CHECKED." (CP, FM)
6. Pins and chocks - "REMOVED." (FM)
7. Area - "CLEAR." (ALL)
8. Rotors - "ENGAGED." (P)
9. APU master switch - "OFF." (P)
10. Unloaded engine speed selector - "SET - 102%." (P)
11. Refueling probe - "CHECKED AS REQUIRED." (CP, FM)
12. Boost pumps - "OFF." (CP)

13. "Engine Starting and Rotor Engagement checklist completed." (CP)

BEFORE TAXIING

1. Engine anti-ice caution and advisory lights - "CHECKED." (CP)
2. Doppler - "STANDBY." (CP)
3. Alarm bell - "CHECKED." (CP)
4. AFCS - "ON AND INDICATORS CHECKED." (CP, P)
5. Radio call - "COMPLETED." (P or CP)
6. Clocks and altimeters - "SET, STATE SETTING." (CP, P)
7. Engine and windshield anti-ice - "CHECKED AS REQUIRED." (CP)
8. Personnel door emergency release handle - "CHECKED." (FM)
9. Crew and passengers - "READY FOR TAXI." (FM)
10. Area - "CLEAR." (ALL)
11. Nose wheel - "UNLOCKED." (P)
12. Parking brake - "OFF." (P)
13. "Before Taxiing checklist completed." (CP)

BEFORE TAKE-OFF

1. Boost pumps - "ON." (CP),
"CHECKED ON." (P)
2. Flight instruments - "CHECKED." (CP, P)
3. Lights - "SET." (CP)
4. Anti-ice system - "CHECKED." (P, CP)
5. Pitot heat - "CHECKED AS REQUIRED" (CP)
6. Engine acceleration-deceleration, flat pitch & freewheeling - "AS REQUIRED." (P or CP)
7. Navigation equipment - "CHECKED AND SET." (CP, P)
8. Electronic altimeter - "CHECKED." (CP, P)
- **9. Engine and transmission instruments - "CHECKED." (CP)
- **10. Caution and advisory lights - "CHECKED." (P)
- **11. IFF - "AS REQUIRED." (CP)
- **12. AFCS - "CHECKED ON." (P)
- **13. Nose wheel - "UNLOCKED." (P)
- **14. Parking brake - "OFF." (P)
- **15. Passenger and crew - "READY FOR TAKE-OFF." (FM)

- **16. Speed selectors - "AS REQUIRED." (State Setting) (CP)
- 17. Hover check - "COMPLETED." (P)
- 18. Doppler - "AS REQUIRED." (P)
- **19. "Before Takeoff checklist completed." (CP)

AFTER TAKEOFF

- 1. Engine and transmission instruments - CHECKED. (CP)
- 2. Lights - SET. (CP)
- 3. Landing gear - INDICATORS CHECKED. (CP)
- 4. Speed selectors - ADJUSTED. (CP)
- 5. AN/ALE-20 arming switch - ON (ARMED). (CP)
- 6. "After Takeoff checklist completed." (CP)

DESCENT

- 1. Passenger and crew briefing - "COMPLETED - DESCENT CHECK COMPLETED." (P)

BEFORE LANDING

1. Fuel - CHECKED. (CP)
2. Engine and transmission instruments - NORMAL. (CP)
3. Parking brake - AS REQUIRED. (CP)
4. Speed selectors - 103% N_r. (CP)
5. AN ALE-20 arming switch - AS REQUIRED. (CP)
6. Landing gear - AS REQUIRED. (CP)
7. "Before Landing checklist completed." (CP)

TRAFFIC PATTERN

1. Engine and transmission instruments - CHECKED. (CP)
2. Landing gear - INDICATORS CHECKED. (CP)
3. Lights - AS REQUIRED. (CP)
4. Speed selectors - 103% N_r. (CP)
5. "Traffic Pattern Checklist completed." (CP)

AFTER LANDING

1. Speed selector - 102% N_r. (CP)
2. Lights - SET. (CP)
3. Heater switch - OFF. (CP)
4. Pitot heat switch - OFF. (CP)
5. IFF - AS REQUIRED. (CP)
6. "After Landing checklist completed." (CP)

ENGINE SHUTDOWN

1. Parking brake - "ON." (P)
2. AFCS - "OFF." (P)
3. Navigation sets, unnecessary radios, and doppler - "OFF." (CP)
4. APU - "START." (CP or P)
5. Engine and windshield anti-ice - "OFF." (CP)
6. Ignition switches - "OFF." (CP)
7. Speed selectors - "GRD IDLE." (CP)
8. Droop stops - "IN." (FM)
9. Speed selectors - "SHUT-OFF." (CP)
10. Fuel management system - "OFF." (CP)
11. Rotor brake - "ON." (P)
12. Electronic altimeter - "OFF." (CP, P)
13. T₅ - "CHECKED." (P or CP)
14. Pins and chocks - "IN." (FM)
15. APU - "OFF." (CP or P)
16. All radios - "OFF." (CP or P)
17. All electrical switches - "OFF." (CP or P)
18. Emergency exit lights switch - RESET." (CP or P)
19. "Engine Shutdown checklist completed. (CP)

ROTOR SHUTDOWN AND ENGAGEMENT (ENGINES RUNNING)

AFTER LANDING

1. Speed selectors - 102%. (CP)
2. APU - START. (CP)
3. Doppler/IFF - "STBY." (CP)

ROTOR SHUTDOWN

1. Parking brake - "AS REQUIRED." (P)
2. AFCS - "OFF" (P)
3. Speed selectors - "GRD IDLE." (CP)
4. Droop stops - "IN." (FM)
5. Rotor brake - "ON." (P) (45% N_R OR LESS)
6. "Rotor Shutdown checklist completed." (CP)

ROTOR ENGAGEMENT AND BEFORE TAKEOFF

1. Passenger & crew briefing - "COMPLETED." (P)
2. Ramp - "AS REQUIRED, CABLES ATTACHED." (FM)
3. Area - "CLEAR." (ALL)

4. Rotors - "ENGAGED." (P)
5. APU master switch - "OFF." (P)
6. Unloaded engine speed selector - "SET, 102%." (P)
7. Doppler/IFF - "AS REQUIRED." (CP)
8. Personnel door emergency release handle - "CHECKED." (FM)
9. Engine and transmission instruments - "CHECKED." (CP)
10. Caution and advisory lights - "CHECKED." (P)
11. AFCS - "CHECKED ON." (P)
12. Nose wheel - "UNLOCKED." (P)
13. Parking brake - "OFF." (P)
14. Passenger and crew - "READY FOR TAKEOFF." (FM)
15. Radio call - "AS REQUIRED." (P or CP)
16. Speed selectors - "AS REQUIRED." (State Setting) (CP)
17. "Rotor engagement and Before Takeoff checklist completed." (CP)

PASSENGER AND CREW BRIEFING

PASSENGER BRIEFING

Predeparture Briefing

1. Introduction of crew.
2. Destination.
3. Flight altitude.
4. Departure time and estimated time enroute.
5. Enroute weather.
6. Seats and safety belts.
7. Movement in the helicopter.
8. Smoking.
9. Emergency exits (location and operation).
10. Emergency landings or autorotations, (signals and exits).
11. Bailout (signals and exits).
12. Emergency equipment (fire extinguishers, crash axe, first aid kits, parachutes, and emergency exit lights).
13. Use of portable electronic device.
14. Helicopter characteristics. Passenger information card in helicopters.

Over Water Briefing

1. Use of survival equipment (life vest, rafts, etc.).
2. Escape from parachute after entering water.
3. Emergency landing (signals, positions, exits, location of first aid kits, and emergency radio).

CREW BRIEFING

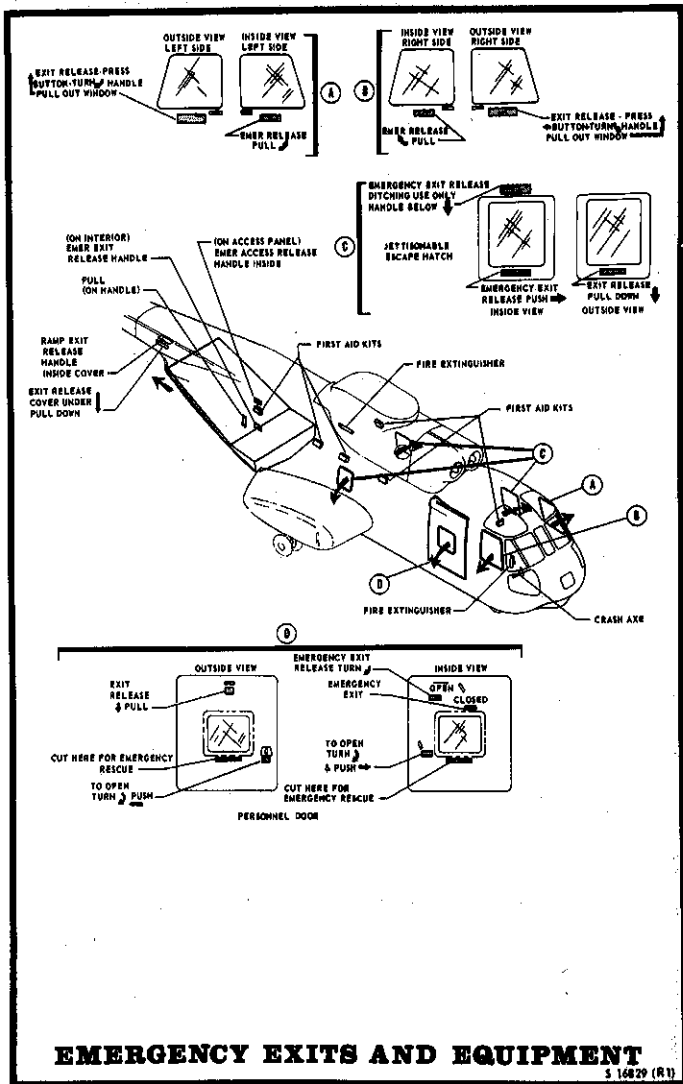
1. Mission requirements.
2. Flight plan.
3. Fuel load.
4. Emergency - survival equipment.
5. Weather.
6. Special equipment.
7. Weight and balance.
8. Crew duties and responsibilities.

PASSENGER INFORMATION

1. Smoking is prohibited during ground operation, take-offs, landings, aerial refueling and when directed by the helicopter commander.
2. Safety belts will be securely fastened for all take-offs, landings, aerial refueling and flight through turbulent air.
3. Operation of portable electronic equipment, butane and/or plastic reservoir type lighters is prohibited.
4. All passengers should wear ear protective devices to avoid ear damage.
5. If it becomes necessary to evacuate the helicopter, refer to diagram on reverse side for exits.
6. If a crash landing becomes necessary, proceed as follows:
 - a. Jettison emergency exits as directed by the helicopter commander.
 - b. Loosen tie.
 - c. Fasten safety belt tight.

Just prior to contact with the surface, passengers will fold arms resting them on their knees. Bend body forward as far as possible and rest head firmly on arms. If available, hold pillow, blanket, or clothing in front of head to cushion possible impact.

7. Alarm bell.
 - a. Bail Out: 3 short rings followed by one continuous ring.
 - b. Crash Landing: 6 short rings followed by one continuous ring.



EMERGENCY EXITS AND EQUIPMENT

5 16829 (R1)

FUEL DUMPING

INTERNAL AUX FUEL TANK DUMPING (JETTISONING) SYSTEM

1. Aux fuel jettison switch -
JETTISON.

MANUAL FUEL DUMPING SYSTEM

1. Heater/vent fan - OFF.
2. All boost pumps - ON.
3. Crossfeed valve - OPEN.
4. Manual fuel close line valve -
CLOSED.
5. Manual fuel dump line valve -
OPEN.
6. Fuel quantity gages - MONITOR.

To Stop Fuel Dump

1. Manual fuel dump line valve -
CLOSED.
2. Manual fuel close line valve -
OPEN.
3. Crossfeed valve - AS REQUIRED.
4. Boost pumps - AS REQUIRED.

TAKE-OFF AND LANDING DATA CARD

DATA	TAKE-OFF	LANDING	
FIELD ELEVATION	_____	_____	FT
PRESSURE ALTITUDE	_____	_____	FT
FREE AIR TEMPERATURE	_____	_____	°C
WIND	_____	_____	KT/DEG
DENSITY ALTITUDE	_____	_____	FT
OPERATING WEIGHT	_____	_____	LB
EXTRA CREW & EQUIPMENT	_____	_____	LB
FUEL	_____	_____	LB
PAYLOAD	_____	_____	LB
MISSION GROSS WEIGHT	_____	_____	LB
POWER AVAILABLE	_____	_____	% Q
MAXIMUM GROSS WEIGHT	_____	_____	LB
WHEEL HEIGHT FOR HOVER	_____	_____	FT
POWER REQUIRED	_____	_____	% Q
POWER RESERVE	_____	_____	% Q
MAXIMUM AIRSPEED	_____	_____	KT
TOPPING LIMITS	_____		% Ng
	_____		°C T ₅

CRUISE INFORMATION:

PRESSURE ALTITUDE	_____	FT
TEMPERATURE	_____	°C
DENSITY ALTITUDE	_____	FT
TORQUE	_____	% Q
FUEL CONSUMPTION	_____	LB/HR.
TAS	_____	KT
CAS	_____	KT
WIND	_____	KT/DEG
GROUND SPEED	_____	KT

ALERT PROCEDURES

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ALERT PROCEDURES**COCKING PROCEDURES .**

Prior to assuming alert, the helicopter will be run up to include completion of all checks through BEFORE TAKEOFF, systems check-out, and shutdown using the AFTER LANDING and ENGINE SHUTDOWN checklist, after which the helicopter may be cocked using the COCKING checklist. When a helicopter requires to be cocked following a flight, it is considered to have all required systems checked; and it may be cocked using the COCKING checklist provided the AFTER LANDING and ENGINE SHUTDOWN checklists were accomplished. The SCRAMBLE checklist will not be used unless the COCKING checklist has been accomplished.

COCKING CHECKLIST

1. Parking Brake - "RESET." (P)
2. Rotor Brake - "ON." (P)
3. Overhead Switch Panel - "SET." (P)
(Battery Switch Off)
4. Ignition Switches - "NORMAL." (CP)
5. Fuel Management System - "SET." (CP)
 - a. Fuel Shut-off Valves - Open.
 - b. Boost Pumps - On.

6. Electronic Altimeters - "ON."
(CP) (P)
7. Navigation and Communications
Radios - "SET." (CP) (P) (Doppler
Set Off)
8. Cocking Checklist - "COMPLETED."
(CP)

UNCOCKING CHECKLIST

1. All electrical switches - OFF.
2. Fuel shut-off valves -
CLOSED.
3. Boost pumps - OFF.
4. Parking brake - AS REQUIRED.
5. Ignition switches - OFF
6. Uncocking checklist completed.

SCRAMBLE CHECKLIST

1. External power switch - "OFF" (ON IF EXTERNAL POWER USED). (P)
2. Battery switch - "ON" (OFF IF EXTERNAL POWER USED). (P)
3. Protective covers, pitot covers, engine plugs, tiedowns, and ground wires - "REMOVED". (FM)
4. Safety belt and harness - "FASTENED." (P, CP)
5. Rotor brake - "LOCK-OFF, BRAKE-ON". (P)
6. Caution and advisory lights - "CHECKED". (P)
7. APU - "CLEAR" (FM), "STARTING" (CP or P)
8. Caution and advisory lights - "CHECKED". (P)
9. Transmission and hydraulic indicators - "CHECKED". (P)
10. Battery switch - "ON" (IF EXTERNAL POWER USED). (P)
11. External power switch "OFF" (IF USED) AND DISCONNECTED. (P)
12. No. 1 engine - "CLEAR" (FM)
"STARTING" (CP or P)
13. No. 2 engine - "CLEAR" (FM)
"STARTING" (CP or P)

14. Pins and chocks - "REMOVED." (FM)
15. Area - "CLEAR" (P, CP, FM)
16. Rotors - "ENGAGED." (P)
17. APU master switch - "OFF." (P)
18. Unloaded engine speed selector - "SET - 102%." (P)
19. Engine and windshield anti-ice - "AS REQUIRED" (CP)
20. Pitot Heat - "AS REQUIRED" (CP)
21. Doppler - "STBY." (P, CP)
22. Lights - "SET." (P)
23. Radio call - "COMPLETED." (P, CP)
24. Cabin area - "SECURE." (FM)
25. Nose wheel - "UNLOCKED." (P)
26. Engine and transmission instruments - "CHECKED." (CP)
27. Flight instruments - "CHECKED." (P, CP)
28. AFCS - "ON AND INDICATORS CHECKED." (P, CP)
29. IFF and Doppler - "ON." (CP)
30. Parking brake - "OFF." (P)
31. Speed selectors - "AS REQUIRED." (CP)
32. "Scramble checklist - COMPLETED." (CP)

HOT REFUELING PROCEDURES

HOT REFUELING PROCEDURES	R-2
AFTER LANDING	R-2
NO. 2 ENGINE SHUTDOWN	R-2
REFUELING	R-3
POST REFUELING	R-3
ENGINE RESTART	R-4

HOT REFUELING

AFTER LANDING

1. Speed selectors - "AS REQUIRED!" (CP)
2. Fuel management system - AS REQUIRED. " (CP)
3. External auxiliary fuel tank pressurization switches - "OFF. " (CP)
4. Doppler - "OFF. " (P)
5. Electronic altimeter - "OFF. " (P)
6. IFF - "AS REQUIRED!" (P)
7. "After Landing checklist completed. " (CP)

NO. 2 ENGINE SHUTDOWN

1. No. 2 ignition switch - OFF. " (CP)
2. No. 2 speed selector - "GROUND IDLE. " (CP)
3. No. 2 speed selector - "SHUT-OFF. " (CP)
4. No. 2 fuel shut-off valve - "CLOSE. " (CP)
5. "No. 2 Engine Shutdown checklist completed. " (CP)

REFUELING

1. Parking brake - "ON." (P)
2. Windows and doors, "AS REQUIRED." (ALL)
3. Refueling unit - "POSITIONED." (FM)
4. Ground static wires - "ATTACHED." (FM)
5. Fire guard - "POSTED." (FM)
6. Protective cap - "REMOVED." (FM)
7. Refueling nozzle - "CONNECTED." (FM)
8. Refueling panel - "AS REQUIRED." (CP)
9. Fuel flow - "ESTABLISHED." (CP, FM)
10. Preshut-off test - "COMPLETED." (CP)
11. "Refueling checklist completed." (CP)

POST REFUELING

1. Fuel flow - "STOPPED." (CP, FM)
2. Refueling panel - "AS REQUIRED." (CP)

3. Refueling nozzle - "DISCONNECTED. " (FM)
4. Protective cap - "INSTALLED. " (FM)
5. Ground static wires - "DISCONNECTED. " (FM)
6. "Post Refueling checklist completed. " (CP)

ENGINE RESTART

1. Parking brake - "OFF. " (P)

WARNING

Taxi clear of the refueling area prior to restarting No. 2 engine.

2. Fuel management system - "AS REQUIRED. " (CP)
3. No. 2 ignition switch - "ON. "(CP)
4. Fire guard - "POSTED. " (FM)
5. No. 2 engine - "START. " (CP)
6. No. 2 speed selector - "MATCH TORQUE. " (CP)
7. Doppler - "STANDBY. " (CP)
8. Electronic altimeter - "ON. " (P, CP)
9. IFF - "STANDBY. " (P)

10. "Engine Restart checklist completed." (CP)

Proceed with BEFORE TAKEOFF checklist.