

TECHNICAL MANUAL
Operator's and Crewmember's Checklist

**ARMY MODEL
RC-12N**

Pilot's Checklist

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**HEADQUARTERS,
DEPARTMENT OF THE ARMY
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*This manual supersedes TM 1-1510-223-CL, dated 29 April 1994.

GENERAL INFORMATION AND SCOPE

SCOPE. This checklist contains the operator's and crewmember's checks to be accomplished during normal and emergency operations.

GENERAL INFORMATION. The checklist consists of three parts: normal procedures, emergency procedures, and performance data. Normal procedures consist of the procedures required for normal flight and those required for "before landing". The normal procedures portion will be subdivided to include the before landing checks of Chapter 8 of the operator's manual. Emergency procedures are subdivided into seven classifications as follows: engine, propeller, fire, fuel, electrical, landing and ditching, and flight controls. Performance data consists of performance checks.

NOTE

This checklist does not replace the amplified version of the procedures in the operator's manual (TM 1-1510-223-10), but is a condensed version of each procedure.

NORMAL PROCEDURES PAGES. The contents of the normal procedures of this manual are a condensation of the amplified checklists appearing in the normal procedures, or crew duties portion of the applicable operator's manual.

EMERGENCY PROCEDURES PAGES. The requirements for this section of the condensed checklist manual (CL) are identical to those for the normal procedures, except that the information is drawn from the amplified checks in the emergency procedures portion of the operator's manual. The emergency requirements are subdivided into the seven classifications listed above. Immediate action items shall be underlined.

Symbols preceding numbered steps:

- * - Indicates performance of step is mandatory for all through flights.
- N - Means performance of step is mandatory for night flights.
- ★ - Indicates a detailed procedure for this step is included in the performance checks section, located at the back of the checklist.
- I - Indicates mandatory check for instrument flights.
- (O) - Indicates if installed.
- ③ - Copilot's duties to be performed at pilot's command.

Immediate action emergency items are underlined.

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 direct to: Commander, US Army Aviation and Missile Command, ATTN: AMSAM-MMC-LS-LP, Redstone Arsenal, AL 35898-5230. A reply will be furnished to you. You may also send in your comments electronically to our E-mail address: ls-lp@redstone.army.mil or by fax (256)842-6546/DSN 788-6546. Instructions for sending an electronic 2028 may be found at the back of the -10.

NORMAL PROCEDURES

BEFORE EXTERIOR CHECK

1. GPU – Connect as required.
- *2. Publications – Check.
- ★ 3. Oxygen system – Check.
- *4. Flight controls – Unlock and check.
- *5. PARKING BRAKE – Set.
6. Elevator trim – Set to 0 (neutral).
- *7. Gear – DN.
- *8. Keylock switch – ON.
- *9. Weather radar – OFF.
- ★ 10. Fuel pumps/crossfeed operation – Check.
- *11. ICE VANE CONTROL switches – STBY/OFF.
- *12. Battery switch – ON.
- *13. Lighting and anti-ice/deice systems – Check as required.
- *14. FUEL gages – Check fuel quantity and gage operation.
15. HYD FLUID SENSOR TEST switch – Depress. Check HYD FLUID LOW annunciator light illuminates after approximately 2 seconds, and extinguishes after approximately 6 seconds.
- ★ 16. Engine fire protection system – Check.
- ★ 17. Stall and gear warning system – Check.