

**TECHNICAL MANUAL**

**Operator's and Crewmember's Checklist**

**ARMY MODEL**

**RC-12D**

**AIRCRAFT**

**NSN 1510-01-087-9129 (EIC: SRC)**

**Pilot's Checklist**

**This copy is a reprint which includes current pages from  
Change 4.**

**Approved for public release; distribution is unlimited**

**\*TM 55-1510-219-CL, dated 31 May 1991 supersedes TM 55-1510-219-CL, dated 25 May 1985, including all changes.**

**HEADQUARTERS,  
DEPARTMENT OF THE ARMY**

**31 May 1991**

## **GENERAL INFORMATION AND SCOPE**

**SCOPE.** This checklist contains the operator's and crewmembers 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 7 classifications as follows: engine, propeller. (PROP.), fire, fuel, electrical (ELECT.), landing and ditching (LDG/DTCH) and flight controls (FLT CONT.). Performance data consists of performance checks.

### **NOTE**

This checklist does not replace the amplified version of the procedures in the operator's manual (TM 55-1510-219-10), 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 checklist appearing in the normal procedures or crew duties portion of the operator's manual.

**EMERGENCY PROCEDURES PAGES.** The requirements in this section of the condensed checklist (CL) are identical to those for the normal procedures, except that the information is drawn from the amplified procedures in the emergency procedures portion of the operator's manual. Immediate action items are underlined for your reference and shall be committed to memory.

### Symbols Preceding Numbered Steps

- \* - Indicates the performance of these steps is mandatory for all “Thru Flights”
- N - Indicates 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 Flight”
- 0 - Indicates if installed

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, DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2, located in the back of the applicable Aircraft Operator's Manual, directly to: Commander, U.S. Army Aviation and Missile Command, ATTN: AMSAM-MMC-LS-LP, Redstone Arsenal, AL 35898-5230. You may also send in your comments electronically to our e-mail address at <ls-lp@redstone.army.mil> or by fax at (205) 842-6546 or DSN 788-6546. Instructions for sending in an electronic 2028 may be found at the back of the appropriate Aircraft Operator's Manual. A reply will be furnished directly to you.

**NORMAL PROCEDURES**

**BEFORE EXTERIOR CHECK**

1. Publications - Check DA Forms 2408-12,-13,-14, -18, DD Form 365-4, locally required forms and publications, and availability of operator's manual (-10) and checklist (-CL).
- \*2. Oxygen system - Check as required.
3. Flight controls - Unlock and check.
4. Parking brake - Set.
5. Manual trim - Zero.
6. Gear- DN.
7. Ice vanes - IN.
8. Overhead panel switches and circuit breakers -Set.
9. AC and DC GPU's - As required.
10. External power advisory lights - As required.
11. Keylock switch -ON.
- \*12. Fuel pumps and crossfeed operation - Check.
13. DC power - Check (24 VDC minimum for battery, 28 maximum for GPU starts).
14. Lighting systems - Check.
- \*15. Anti-ice systems - Check.
- \*16. Annunciator panels - Test as required.
- \*17. Fire protection system - Check.
- \*18. INS alignment - As required.
- \*19. Electric elevator trim and autopilot/flight director operation - Check.