

TECHNICAL MANUAL

Operator's and Crewmember's Checklist

ARMY MODELS

RC-12P

NSN 1510-01-370-0805

AND

RC-12Q

NSN 1510-01-417-0137

AIRCRAFT

Pilot's Checklist

**DISTRIBUTION STATEMENT A:
Approved for public release;
distribution is unlimited.**

***This manual supersedes
TM 1-1510-224-CL dated 16 May
1997, including all changes.**

**HEADQUARTERS
DEPARTMENT OF THE ARMY
31 December 1998**

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 1-1510-224-10), but is a condensed version of each procedure.

Procedural steps peculiar to the RC-12P model will be identified with an icon . Procedural steps peculiar to the RC-12Q model will be identified with an icon . Steps common to both models will have no icons.

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 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 thru 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 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 any 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 direct to: Commander, U.S. 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 - Check.
- * 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 - Check.
16. Engine fire protection system - Check.
17. Stall and gear warming system - Check.
18. GPU - Check connected and DC voltage if steps 19 through 26 are to be performed.
- ★19. Overhead control panel switches - Set as required.
- ★20. Mission control panel switches - Check and set as required.
- ★21. INS - Align as required.
- ★22. Pilot's and copilot's **EFIS TEST** switches - Depress. Verify indications.
- ★23. Automatic flight control system - Check.
- ★24. ASE/ACS - Perform **BIT** checks as required.
- ★25. ASE/ACS - Program as required.
- ★26. Avionics - Check.
27. **BATTERY** switch - As required.
28. Toilet - Check condition.