

TECHNICAL MANUAL

Operator's and Crewmember's Checklist

ARMY MODEL

RC-12H

AIRCRAFT

Pilot's Checklist

This copy is a reprint which includes current pages from Change 1.

"Approved for public release distribution is unlimited."

**HEADQUARTERS,
DEPARTMENT OF THE ARMY**

30 DECEMBER 1988

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 7 classifications as follows: engine, propeller, (prop), fire, fuel, electrical (elect), landing and ditching (ldg/ dtch), and flight controls (fit 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 55-1510-221-10), 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 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 7 classifications listed above. Immediate action items shall be underlined.

Symbols preceding numbered steps.

* Indicates performance of steps 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 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 located in the back of the applicable Aircraft Operator's Manual direct to: Commander, US Army Aviation Systems Command, ATTN: AMSAV-MMD, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

BEFORE EXTERIOR CHECK

- * 1. Publications - Check.
- * 2. Oxygen system - Check.
- * 3. Flight controls - Unlock and check.
- * 4. Parking brake - Set.
- * 5. Elevator trim - Set to -0- (neutral).
- * 6. Gear - DN.
- * 7. Ice vane pull handles - In.
- * 8. Keylock switch - ON.
- * 9. Battery switch - ON.
- 10. Ice vane switches - RETRACT.
- 11. Lighting systems - Check as required.
- 12. Fuel gages - Check fuel quantity and gage operation.
- ☆13. Pitot tubes (2), stall warning vane, heated fuel vents (2) - Check.
- 14. Battery switch - As required.
- 15. Mission equipment and circuit breakers - Check and set.
- 16. Toilet- Check.
- 17. Emergency equipment - Check.
- (18.) Parachutes - Check.

EXTERIOR CHECK

FUEL SAMPLE

- * 1. Fuel sample - Check collective fuel sample from all drains for possible contamination.

LEFT WING, AREA 1

- 1. Left wing area - Check.

LEFT MAIN LANDING GEAR

1. Left main landing gear - Check.

LEFT ENGINE AND PROPELLER

1. Left engine - Check.

CENTER SECTION, LEFT SIDE

1. Center section - Check.

FUSELAGE UNDERSIDE

1. Fuselage underside - Check.

NOSE SECTION, AREA 2

1. Nose section - Check.

CENTER SECTION, RIGHT SIDE

1. Center section - Check.

RIGHT ENGINE AND PROPELLER

1. Right engine and propeller - Check.

RIGHT MAIN LANDING GEAR

1. Right main landing gear - Check.

RIGHT WING, AREA 3

1. Right wing - Check.

FUSELAGE RIGHT SIDE, AREA 4

1. Fuselage right side - Check.

EMPENNAGE, AREA 5

1. Empennage - Check.