

# URGENT

\*TB 1-1520-240-20-75

## DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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### ONE TIME INSPECTION FOR STRATOPOWER PUMPS, NSN 1650-01-249-4341 AND REPORTING FOR TURNAROUND PROGRAM ALL CH-47D, MH-47D, AND MH-47E AIRCRAFT

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Headquarters, Department of the Army, Washington, D. C.  
28 May 1996

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

#### NOTE

This publication is effective until rescinded or superseded.

#### 1. **Priority Classification. Urgent.**

a. Aircraft in Use. Upon receipt of this Technical Bulletin (TB) the condition status symbol of the cited aircraft will be changed to a **Red Horizontal Dash "-"**. The **Red Horizontal Dash "-"** may be cleared when the inspection of paragraph 8 and 9 is completed. The affected aircraft shall be inspected as soon as practical but no later than the task/inspection suspense date. Failure to comply with the requirements of this TB within the time frame will cause the status symbol to be upgraded to a **Red "X"**.

b. Aircraft in Depot Maintenance. Same as paragraph 1a.

c. Aircraft Undergoing Maintenance. Same as paragraph 1a.

d. Aircraft in Transit.

(1) Surface/Air Shipment. Prior to first flight.

(2) Ferry Status. Same as paragraph 1.a. Those aircraft that have a DD250 and are at Boeing Helicopter Company will be inspected prior to ferry to final destination.

e. Maintenance Trainers (Category A, B). Same as paragraph 1.a above.

f. Component/Parts in Stock Including War Reserves at All Levels (Depot and Others). Perform inspection/correction in accordance with paragraph 8 and 9. Report in accordance with paragraph 13.d.

2. **Task/Inspection Suspense Date.** Within 10 hours/14 days.

3. **Reporting Compliance Suspense Date.** Not Applicable.

\*This TB supersedes TB 1-1520-240-20-75, 28 February 1995

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- 4. **Purpose.** The purpose of this TB is to direct the field and the supply depots to locate Stratopower hydraulic pumps and report to the Logistical Point of Contact so a Turnaround Program can be established.
- 5. **End Items to be Inspected.** All CH--47D, MH-47D, and MH-47E aircraft.
- 6. **Assembly Components to be Inspected.** (Stratopower pumps).

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Pumping Unit, Hydraulic	938555	1650-01-249-4341
Pumping Unit, Hydraulic	64WE075102	1650-01-249-4341

**NOTE**

The Boeing Helicopter part number for the above component is 145HS100--3.

- 7. **Parts to be Inspected.** Not applicable.
- 8. **Inspection Procedures.** Perform a one time visual inspection of dataplates for part number and NSN on all three (3) hydraulic pumps. Reference TM 55-1520-240-23P, Figure 178. Item 12 (1 pump) and Figure 183, Item 26 (2 pumps).
- 9. **Correction Procedures.**
  - a. If the pump is NOT, repeat, NOT one of those listed in paragraph 6, the inspection is complete.
  - b. If the pump is one those listed in paragraph 6, report to the Logistical Point of Contact in accordance with paragraph 15.b. It is NOT necessary to report Vickers pumps. The report shall include the aircraft serial number, pump serial number, part number, field unit location, and point of contact.

**NOTE**

The twelve (12) modified Stratopower test pumps that have been flying under an Airworthiness Release, with the part number of 145HS100-3, serial number BO-XXX-CO or AO-XX-C. do not have to be reported. The Logistical Point of Contact will provide instructions for re-marking the serial number and part number.

- c. The Logistical Point of Contact will establish a Turnaround Program with field units. and will prioritize the distribution of new pumps. They will provide instructions to the individual field unit POC's when the new pumps are available for distribution. Instructions will also be provided for shipment of the old pumps to Stratopower for modification.
- d. New pumps that are manufactured will have a Stratopower part number of 939733, a Boeing part number of 145HS100-4, and a serial number with a Prefix of "A1". Modified pumps will have the new Stratopower part number of 939733. Boeing part number of 145HS100-4, and a serial number with a Prefix of "A1".
- e. Do Not remove the pumps from the aircraft until the new or modified pumps have been received. New or modified pumps shall be changed out within seven (7) days of acceptance. After changing the pump, contact the Logistical Point of Contact for shipping instructions. It is essential that the pumps be returned to Stratopower in a expedient manner to maintain the schedule for modification.
- f. The projected completion date for this Turnaround Program is one (1) year from the date of this TB.

- 10. **Supply/Parts and Disposition.** Not applicable
- 11. **Special Tools, Jigs and Fixtures Required.** Not applicable.
- 12. **Application.**
  - a. Category of Maintenance. AVUM. Aircraft downtime will be charged to AVUM.

b. Estimated Time Required.

- (1). Total of 0.5 manhours using 1 person.
- (2). Total of 0.5 hours downtime for one end item.

c. Estimated Cost Impact of Stock Fund Items to the Field. None. Replacement Pumps Are Free Issue.

d. TB/MWOs to be Applied Prior to or Concurrently with this Inspection. Not applicable.

e. Publications Which Require Change as a Result of This inspection. TM 55-1520-240-23 and TM 55-1520-240-23P shall be changed to reflect this TB. A NOTE shall be added in the manual to indicate that part number 938555 is no longer the correct configuration after the completion of the Turnaround Program. A copy of this TB shall be inserted in the appropriate TM as authority to implement the change until the printed change is received.

**13. Recording and Reporting Requirements.**

a. Reporting Compliance Suspense Date (Aircraft). Upon entering requirements of this TB on DA Form 2408-13-1 on all subject MDS aircraft, forward a Priority Message, Datafax or E-Mail to: Commander, ATCOM, ATTN: AMSAT-R-X (SOF Compliance Officer), per AR 95-3. Datafax number is DSN 693-2064 or Commercial (314) 263-2064. E-Mail address is "AMSATRXS@ST-LOUIS-EMH4.ARMY.MIL". The report will cite this TB number, date of entry in DA Form 2408-13-1) the aircraft mission design series and serial numbers of aircraft in numerical order.

b. Task/Inspection Reporting Suspense Date (Aircraft). Upon completion of inspection, units having Stratopower pumps will forward a Priority Message or Datafax, Commercial (314) 263-1485 or DSN 693-1485 to: Commander, ATCOM, ATTN: AMCPM-CH-L (Mr. Mike Melliere or Mr. Norm Huston). The report will cite aircraft serial number, pump serial number, part number, field unit location, and point of contact.

c. Reporting Compliance Suspense Date (Spares). Not applicable.

d. Task/Inspection Reporting Suspense Date (Spares). Upon completion of inspection, organizations having Stratopower pumps in Retail or Wholesale stock will forward a Priority Message or Datafax, Commercial (314) 263-1485 or DSN 693-1485 to: Commander, ATCOM, ATTN: AMCPM-CH-L (Mr. Mike Melliere or Mr. Norm Huston). The report will cite aircraft serial number, pump serial number, part number, organizations location, and point of contact.

e. The following forms are applicable and are to be completed in accordance with DA PAM 738751, 15 June 1992:

- (1). DA Form 2408-13, Aircraft Status Information Record.
- (2). DA Form 2408-13-1, Aircraft Inspection and Maintenance Record.
- (3). DA Form 2408-13-2, Related Maintenance Actions Record.
- (4). DA Form 2408-15, Historical Record for Aircraft.
- (5). DA Form 1576/1576-1, Test/Modification Tag/Label-Material (Color Blue). (Spares Only.

**14. Weight and Balance.** Not applicable.

**15. Points of Contact.**

a. Technical Point of Contact for this TB is Mr. David Braun, SAIC Contractor, or Mr. Mike Wright, AMSAT-R-ECC, DSN 693-3550 or Commercial (314)263-3550.

b. Logistical Point of Contact for this TB is Mr. Mike Melliere or Mr. Norm Huston, AMCPM-AV-CH-L, DSN 693-1901 or Commercial (314) 263-1901. Datafax is Commercial (314) 263-1485 or DSN 693-1485.

c. Forms and Records Point of Contact for this TB is Ms. Ann Waldeck, AMSAT-I-MDM, DSN 693-1821/1758 or Commercial (314) 263-1821/758.

d. Safety Point of Contact for this TB is Mr. Brad Meyer. AMSAT-R-X, DSN 693-2085 or Commercial (314) 263-2085.

e. Foreign Military Safes (FMS) recipients requiring clarification of action advised by this TB should contact CW5 Jay Nance, or Mr. Ron Van Rees AMSAT-I-IAF, DSN 693-3826/3659 or Commercial (314) 263-3826/3659.

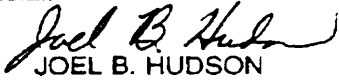
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f. After hours contact ATCOM Command Operations Center (COC) DSN 693-2066/7 or commercial (314)263-2066/7.

**16. Reporting of Errors and Recommending Improvements.** You can help improve this TB. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you. You may also submit your recommended changes by E-mail directly to <mpmt%avma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you.

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