

URGENT

*TB 1-1520-243-20-26

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

OIL DEBRIS DETECTION SYSTEM (ODDS) INFORMATIONAL BULLETIN FOR ALL AH-1 AND UH-1 SERIES AIRCRAFT

Headquarters, Department of the Army, Washington, D.C.
17 April 1998

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

NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR
SUPERCEDED.

1. **Priority Classification.** URGENT.
 - a. **Aircraft in Use.** N/A.
 - b. **Aircraft in Depot Maintenance** N/A.
 - c. **Aircraft Undergoing Maintenance** N/A.
 - d. **Aircraft in Transit.** N/A.
 - e. **Maintenance Trainers (Category A and B).** N/A.
 - f. **Component/Parts in Stock at all Levels (Depot and Others) Including War Reserves.** N/A.
 - g. **Components/Parts in Work (Depot Level and Others).** N/A.
2. **Task Inspection/Suspense Date.** N/A.

*This TB supersedes USAATCOM Aviation Safety Action Message 301651Z, MAR 98, AH-1-98-ASAM-02 and UH-1-98-ASAM-04.

3. Reporting Compliance Suspense Date. N/A.

4. Summary of Problem.

a. A one-time and recurring inspection of the ODDS Power Module was required TB 1-1520-243-20-25 (UH-1-98-ASAM-01/AH-1-98-ASAM-01). These correction procedures allowed for the repair of the Power Module by the manufacturer, TEDECO. However, if the Power Module is removed as a result of this inspection, or for any other reason on ODDS-equipped AH-1 and UH-1 aircraft, the aircraft is still considered fully mission capable (FMC). Since the power module normally burns off nuisance debris (fuzz), more frequent chip detector lights are likely with the Power Module removed. Normal ODDS chip light procedures cannot be used in this case.

NOTE

Users are reminded that IAW TB 1-1520-243-20-25 (UH-1-98-ASAM-01/AH-1-98-ASAM-01), aircraft using the ODDS are still required to perform engine and transmission oil sampling every 25 hours.

b. For Manpower/Downtime and Funding Impacts see Paragraph 12.

c. The purpose of this TB is to provide guidance for chip light procedures with the ODDS Power Module removed.

5. End Items To Be Inspected. N/A.

6. Assembly Components To Be Inspected. N/A.

7. Parts To Be Inspected. N/A.

8. Inspection Procedures. N/A.

9. Correction Procedures.

a. When the ODDS Power Module is not installed, use chip light procedures established in the applicable TM for **non-ODDS** equipped aircraft.

b. If there is any uncertainty about the type of debris found, the normal procedures prescribed in the applicable TM and TB 1-1520-243-20-25 (UH-1-98-ASAM-01/AH-1-98-ASAM-01) should be followed.

NOTE

Only the manufacturer, TEDECO, is authorized to repair the ODDS Power Module. The cost to repair this unit is now \$240, and includes replacement of the capacitors, removal of corrosion, coating of the circuit board and a factory functional test of the Power Module.

10. Supply/Parts and Disposition. N/A.

a. Parts Required. N/A

b. Requisitioning Instructions. N/A.

c. Bulk and Consumable Materials. N/A.

d. Disposition. N/A.

e. Disposition of Hazardous Material. N/A.

11. Special Tools and Fixtures Required. N/A.

12. Application.

a. Category of Maintenance. N/A.

b. Estimated Time Required. N/A.

c. Estimated Cost Impact to the Field. N/A.

d. TB/MWOs to be Applied prior to or concurrently with this Inspection. TB 1-1520-243-20-25.

e. Publications which Require Change as a Result of this Inspection. Both TM 55-1520-210-23-2 and TM 55-1520-236-23-2 shall be changed to reflect this TB. A copy of this TB shall be inserted in the appropriate TMs as authority to implement this change until the printed change is received.

13. References.

a. TM 55-1520-210-23-2.

b. TM 55-1520-236-23-2.

c. TB 1-1520-243-20-25 (UH-1-98-ASAM-01/AH-1-98-ASAM-01)

14. Recording and Reporting Requirements. N/A.

a. Reporting Compliance Suspense Date (Aircraft). N/A.

b. Task/Inspection Reporting Suspense Date (Aircraft). N/A

c. Reporting TB Receipt (Spares). N/A.

d. Task/Inspection Reporting Suspense Date (Spares) for Materiel in Wholesale Depot or Retail Storage. N/A.

e. The Following Forms are Applicable and are to be Completed in Accordance with DA PAM 738-751,15 JUN 92. N/A.

15. Weight and Balance. N/A.

16. Points of Contact.

a. Technical point of contact for this TB is Mr. Mark Jeude, AMSAM-AR-E-P-T, DSN 897-4960 or (256) 313-4960. Datafax is DSN 897-4957 or (256) 313-4957. E-mail is <jeude-mj@redstone.army.mil>. Alternate POC is Mr. Ralph Vemmer, AMSAM-AR-E-I, DSN 645-0663, email <vemmer-rc@redstone.army.mil>.

b. Logistics point of contact for this TB is Mr. Charles Elkins, AMSAM-DSA-UH-U, DSN 645-0073 or (256) 955-0073. Datafax is DSN 645-6590 or (256) 955-6590. E-Mail is <elkins-ce@redstone.army.mil>.

c. Safety point of contact for this TB is Mr. Robert Brock, AMSAM-SF-A, DSN 788-8632 or (256) 842-8632. Datafax is DSN 897-2111 or (256) 313-2111. E-mail is <brock-rd@redstone.army.mil>.

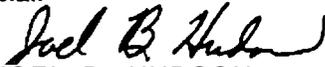
d. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact CW5 Joseph L. Wittstrom, Security Assistance Management, AMSAM-SA, DSN 897-0869 or (256) 313-0681. E-mail is <wittstrom-jl@redstone.army.mil>. Alternate POC is Mr. Ronnie W. Sammons, AMSAM-SA-CS-NF, DSN 897-0869 or (256) 313-0869. Datafax is DSN 897-0411. E-mail is <sammons-rw@redstone.army.mil>. (Huntsville is GMT minus 6 hrs).

e. After hours contact AMCOM Command Operations Center (COC) DSN 897-206612067 or commercial (256) 313-2066/7.

17. Reporting of Errors and Recommending Improvements. You can help improve this TB. If you find any mistakes or 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, U.S. Army Aviation and Missile Command, ATTN: AMSAM-MMC-LS-LP, Redstone Arsenal, Alabama 35898-5230. You may also submit your recommended changes by E-mail to <ls-lp@redstone.army.mil>, or by fax at (256) 842-6546 or DSN 788-6546. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of most TMs.

By Order of the Secretary of the Army:

Official:



JOEL B. HUDSON

Administrative Assistant to the
Secretary of the Army

03880

DENNIS J. REIMER
General, United States Army
Chief of Staff

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