

URGENT

*TB 1-1520-248-20-64

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

REVISION TO FALSE ENGINE OUT WARNING ALL OH-58D AIRCRAFT (TB 1-1520-248-20-52)

Headquarters, Department of the Army, Washington, D. C.
15 March 2002

REPORTING OF ERRORS AND RECOMMENDED IMPROVEMENTS

You can help improve this manual. If you find mistakes or know of any way to improve 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 back of this manual, direct to: Commander U. S. Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP. Redstone Arsenal, AL. 35898-5230. A reply will be furnished to you. You may also send your comments electronically to our e-mail address: 2028@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 this manual.

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RESCINDED OR SUPERSEDED.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) make the following entry on DA Form 2408-13-1. Enter a Red Horizontal Dash status symbol with the following statement: "Comply with requirements of OH-58-02-ASAM-06 (TB 1-1520-248-20-64) no later than 12 March 2002." Clear Red Horizontal Dash entry when procedures in accordance with paragraph 9. are completed.

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

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

d. Aircraft in Transit. Same as paragraph 1. a.

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

f. Component/Parts in Stock Including War Reserves at All Levels (Depot and Others). Not applicable.

g. Components/Parts in Work (Depot Level and Others). Not applicable.

2. Task/Inspection Suspense Date. Not applicable.

3. **TAMMS Reporting Compliance Suspense Date.** Report compliance in accordance with paragraph 14 a. (1)) no later than 12 March 2002.

*This TB supersedes Oh-58-02-ASAM-06 and TB 1-1520-248-20-52.

4. Summary of Problem.

a. Background. OH-58-00-ASAM-03/TB 1-1520-248-20-52 heightened awareness to the possibility of false engine out warnings and directed particular crew and maintenance actions when encountered. Thirty two aircraft with false engine out warnings have been investigated since the ASAM was released. Based on information retrieved from the investigations, a software fix developed for OH-58D aircraft with Control Display Systems 4 (CDS4), phase II B will (when incorporated in FY 03) eliminate most false engine out warnings. Procedures for preventing repeat incidents on aircraft with Control Display System 2 (CDS2) have also been verified.

b. For manpower/downtime and funding impacts, see paragraph 12.

c. The purpose of this TB is to suspend requirements of OH-58-00-ASAM-03 and TB 1-1520-248-20-52.

5. End Items to be Inspected. All OH-58D aircraft.

6. Assembly/Component(s) to be Inspected. Not applicable.

7. Parts to be Inspected. Not applicable.

8. Inspection Procedures. Not applicable.

9. Correction Procedures. Suspend requirements of OH-58-00-ASAM-03 and TB 1-1520-248-20-52 as follows:

WARNING

Pilots must be aware that the potential for a false engine out warning continues and that procedures in TM 1-1520-248-10, paragraph 9-7 remains applicable.

a. If available in the unit, a Data Transfer Cartridge/Data Transfer Module (DTC/DTM) shall be installed prior to every flight.

b. DTC for Master Controller Processor Unit equipped aircraft, replace DTC battery every 60 days (previously 30 days). Do not replace DTM battery. The 60 day battery requirement will be annotated on a label attached to each DTC.

c. Clear the Circle Red X entry required in accordance with OH-58-ASAM-00-03 and TB 1-1520-248-20-52. These reports are no longer required.

d. Delete requirements of paragraph 9. b., OH-58-00-ASAM-03 and TB 1-1520-248-20-52.

10. Supply/Parts and Disposition. Not Applicable.

11. Special Tools, Jigs, and Fixtures Required. Not Applicable.

12. Application.

a. Category of Maintenance. Not applicable.

b. Estimated Time Required. Not applicable.

c. Estimated Cost Impact to the Field. Not applicable.

d. TB/MWOs to be Applied Prior to or Concurrently with this Inspection. OH-58-00-ASAM-03 and TB 1-1520-248-20-52.

e. Publications Which Require Change as a Result of This Inspection. Not applicable.

13. Reference.

a. DA PAM 738-751, 15 March 1999.

b. TM 1-1520-248-10, 15 November 2001.

c. OH-58-00-ASAM-03, 181437Z May 00.

d. TB 1-1520-248-20-52, 6 June 2000

14. Recording and Reporting Requirements.

a. Aircraft.

(1) TAMS Reporting Compliance Suspense. Upon entering requirements of this TB on DA Form 2408-13-1 on all effected MDS aircraft, Commanders will forward a priority message, datafax or E-Mail to Commander, ATCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer), Redstone Arsenal, AL. 35898-5000, in accordance with AR 95-1, no later than date specified in paragraph 3. Fax number DSN 897-2111 or 256-313-2111. E-Mail safeadm@redstone.army.mil. Report will cite this TB number, date of entry on DA Form 2408-13-1, aircraft mission design and series and serial numbers of aircraft in numerical order.

(2) Task/Inspection Reporting Suspense. Not applicable.

b. Wholesale Spare Parts/Assemblies. Not applicable.

c. Retail Spare Parts/Assemblies. Not applicable.

d. The following forms are applicable and are to be completed in accordance with DA PAM 738-751, 15 March 1999.

NOTE

ULLS-A users will use applicable E forms.

(1) DA Form 2408-13, Aircraft Status Information Record.

(2) DA Form 2408-13-1, Aircraft Inspection and Maintenance Record.

(3) DA Form 2408-15, Historical Record for Aircraft.

15. Weight and Balance. Not applicable.**16. Points of Contact.**

a. Technical point of contact is Donald Edmondson, AMSAM-RD-AE-I-D-O, DSN 897-2350 ext. 9824, fax 256-705-9918. E-Mail donald.edmondson@rdc,redstone.army.mil.

b. Logistical point of contact is Chris Price, AMSA-DSA-ASH, DSN 645-7749 or 256-955-7749, fax DSN 645-7125. E-Mail christian.price@redstone.army.mil.

c. Forms and records point of contact is Ms. Ann Waldeck, AMSAM-MMC-MA-NM, DSN 746-5564 or 256-876-5564. Fax DSN 746-4904 or 256-876-4909. E-Mail ann.waldeck@redstone.army.mil.

d. Safety Points of Contact:

(1) Primary. Mr. Randall Rushing (SAIC), AMSAM-SF-A, DSN 897-2092 or 256-313-2092, fax DSN 897-2111 or 256-313-2111. E-Mail randall.rushing@redstone.army.mil.

(2) Alternate. Mr. Ron Price, AMSAM-SF-A, DSN 788-8636 or 256-842-8636, fax 256-313-2111. E-Mail ron.price@redstone.army.mil.

e. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact: Mr. Ronnie W. Sammons, AMSAM-SA-CS-NF, DSN 897-6856 or 256-313-6856. Fax DSN 897-6630 or 256-313-6630. E-Mail ronnie.sammons@redstone.army.mil.

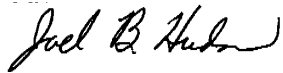
f. After hours contact AMCOM Command Operations Center (COC) DSN 897-2066/7 or commercial 256-313-2066/7.

TB 1-1520-248-20-64

By Order of the Secretary of the Army:

Official:

ERIC K. SHINSEKI
General, United States Army
Chief of Staff



JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army
0206702

DISTRIBUTION:

To be distributed in accordance with Initial Distribution Number (IDN) 314036 requirements for TB 1-1520-248-20-64.

These are the instructions for sending an electronic 2028

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" whomever@redstone.army.mil

To: 2028@redstone.army.mil

Subject: DA Form 2028

1. **From:** Joe Smith
2. **Unit:** home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St. Louis:** MO
6. **Zip:** 77777
7. **Date Sent:** 19-OCT.-93
8. **Pub no:** 55-2840-229-23
9. **Pub Title:** TM
10. **Publication Date:** 04-JUL-85
11. **Change Number:** 7
12. **Submitter Rank:** MSG
13. **Submitter F. Name:** Joe
14. **Submitter M. Name:** T
15. **Submitter L. Name:** Smith
16. **Submitter Phone:** 123-123-1234
17. **Problem:** 1
18. **Page:** 2
19. **Paragraph:** 3
20. **Line:** 4
21. **NSN:** 5
22. **Reference:** 6
23. **Figure:** 7
24. **Table:** 8
25. **Item:** 9
26. **Total:** 123
27. **Text:**

This is the text for the problem below line 27.