

PRIORITY

UH-1-75-15  
oil cooler blower  
bearing life

PTTUZEKX RUEDA0A8489 3892288-UUUU--RUMMDTA;  
ZNR UUUUU  
P R 052054Z NOV 75 ZEX

FM ARNG OAC EDGEMOOD MD //OAC-AVN-L//  
TO AIG 7481

INFO RUEFHQA/ONGB WASHDC //ONGB-ARL-A//  
P R 042008Z NOV 75

FM CDRUSAAVSCOM STL MO  
TO AIG 8881

INFO AIG 9884  
CDRUSABPA FT WORTH TX  
CDRUSASAFSCOM HUNTSVILLE AL  
CDRUSAAVNC FT RUCKER AL

ARMY

*[Handwritten signature]*

6 NOV 75 15 02z

BT  
UNCLAS

NOTE CLN THIS IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT, REPEAT  
HAS NOT, BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES;  
ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL  
SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED;  
THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE;

SUBJECT CLN MAINTENANCE ADVISORY MESSAGE FOR UH-1/AH-1 AIRCRAFT  
(UH-1-75-15 AND AH-1-75-14);

PAGE 2 RUEDA0A8489 UNCLAS

1. PURPOSE OF MESSAGE CLN THE UH-1 AIRCRAFT ENGINE OIL COOLER TURBINE  
FAN BEARINGS WILL BE SHOWN AS HAVING A 400 HOUR RETIREMENT LIFE IN  
THE NEXT CHANGES TO THE ORGANIZATIONAL MAINTENANCE MANUALS; ALSO,  
THE PART NUMBERS OF THESE BEARINGS USED IN THE UH-1/AH-1 AIRCRAFT  
SHOULD ONLY BE THOSE LISTED IN THE AIRCRAFT PARTS MANUALS;  
2. THE UH-1/AH-1 AIRCRAFT USE THE SAME ENGINE OIL COOLER TURBINE  
FAN P/N 284-862-448-3; THERE ARE TWO MANUFACTURING SOURCES OF THE  
FAN WHOSE MANUFACTURERS' PART NUMBERS ARE 132181-1 AND A22152-3,  
THE FAN BEARINGS FOR THE AH-1 AIRCRAFT ARE SHOWN AS HAVING A 400  
HOUR RETIREMENT LIFE IN TM 55-1520-221-28, CHAPTER 3 OVERHAUL AND  
RETIREMENT SCHEDULE, THE NEXT CHANGES TO THE ORGANIZATIONAL  
MAINTENANCE MANUALS FOR THE UH-1 AIRCRAFT WILL SHOW THESE BEARINGS  
AS HAVING A 400 HOUR RETIREMENT LIFE, TOO;  
3. THE CHART BELOW SHOWS ALL BEARINGS USED IN BOTH MANUFACTURERS'  
ENGINE OIL COOLER TURBINE FANS AND THE 400 HOUR RETIREMENT LIFE,  
THIS INFORMATION SHOULD BE INSERTED IN THE OVERHAUL AND RETIREMENT  
SCHEDULE OF CHAPTER 3 OF THE UH-1/AH-1 ORGANIZATIONAL MAINTENANCE  
MANUALS PENDING RECEIPT OF THE FORMAL CHANGE; IF THE TIME SINCE  
NEW OF THE BEARING IS UNKNOWN ASSUME THE BEARING HAS 200 HOURS OF  
OPERATING TIME; THE BEARING WILL CONTINUE TO BE AN ITEM THAT IS

PAGE 3 RUEDA0A0409 UNCLAS

REPLACED AT DIRECT SUPPORT LEVEL;

ENGINE OIL COOLER TURBINE FAN P/N 132101-1

NOMENCLATURE	NSN	P/N	RETIREMENT SCHEDULE
BEARING	3110-00-190-0176	9103PPANG25	400

		9103NPPAN25	400
--	--	-------------	-----

BEARING	3110-00-109-1103	9103NPP	400
---------	------------------	---------	-----

BEARING	3110-00-190-9288	9101NPPFS160	400
---------	------------------	--------------	-----

ENGINE OIL COOLER TURBINE FAN P/N A20152-3

NOMENCLATURE	NSN	P/N	RETIREMENT SCHEDULE
BEARING	3110-00-060-0079	P203NPPFS50060	400

		15819-11	
--	--	----------	--

4. PRESENTLY THERE ARE BEARINGS IN THE ARMY SUPPLY SYSTEM OF VARIOUS PART NUMBERS AND THE SAME NATIONAL STOCK NUMBERS AS BEARINGS USED IN THE ENGINE OIL COOLER TURBINE FAN, P/N 204-060-448-3; THE ONLY BEARINGS THAT SHOULD BE USED IN THE TURBINE FAN ARE THOSE WHOSE PART NUMBERS ARE SHOWN IN THE AIRCRAFT PARTS MANUALS, TM 55-1520-210-34P FOR THE UH-1 AIRCRAFT AND TM 55-1520-221-34P FOR THE AH-1 AIRCRAFT; A COMPLETE BEARING LIST IS SHOWN IN PARAGRAPH 3 ABOVE;

5. BEARINGS WHOSE PART NUMBERS ARE SHOWN IN THE AIRCRAFT PARTS MANUAL WERE DESIGNED TO OPERATE AT ROTATIONAL SPEEDS OF THE TURBINE

PAGE 4 RUEDA0A0409 UNCLAS

6. BEARINGS OF OTHER PART NUMBERS MAY NOT BE SO DESIGNED AND WOULD NOT PROVIDE FULL SERVICE LIFE; THESE BEARING SHOULD BE RETURNED TO THE SUPPLY SOURCE;

6. WE HAVE NOTIFIED THE DEFENSE SUPPLY AGENCY OF THE PROBLEM AND DIRECTED THEM TO PURCHASE ONLY THE PROPER BEARING;

BT

#0409

NNNN