

171536Z  
NOV 1976  
GEN-76-28  
Ni-cad  
batteries

17 NOV 76 10 11Z

RTTUZYUW RULNNAC4842 3221716-UUUU--RUWMDTA ✓  
ZNR UUUUU  
171536Z NOV 76 ZEX  
FM ARNG OPERATING ACTIVITY CENTER EDGEWOOD ARSENAL APG MD//NGB-AVN-C//  
TO AIG 7481  
INFO RUEFHQA/CNGB WASHDC//NGB-ARL-A//  
R 162142Z NOV 76 ZEX  
FM CDR USAAVSCOM STL MO//DRSAV-FRG//  
TO AIG 8881

ARMY

BT  
UNCLAS  
NOTE CLN THIS MESSAGE HAS NOT, REPEAT NOT, BEEN TRANSMITTED TO  
UNITS SUBORDINATE TO ADDRESSEES, ADDRESSEES ARE RESPONSIBLE FOR  
DISSEMINATION OF MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES,  
ELEMENTS, OR FOREIGN USERS AFFECTED OR CONCERNED; RETRANSMITTAL  
SHALL REFERENCE THIS MESSAGE;  
SUBJECT CLN MAINTENANCE ADVISORY MESSAGE ON MAINTENANCE OF AIRCRAFT  
NICKEL-CADMIUM BATERIES (GEN-76-28);  
A ECOM DRSEL-MA-DT MSG R111438Z NOV 76, SUBJECT SAME AS ABOVE;  
1 ECOM REPORTS THAT THERE HAS BEEN A PROLIFERATION OF REFLEX  
CHARGERS IN THE MILITARY TO MEET URGENT NICKEL-CADMIUM BATTERY  
MAINTENANCE REQUIREMENTS; NUMEROUS QUERIES HAVE BEEN RECEIVED

PAGE 2 RULNNAC4842 UNCLAS  
REGARDING THE NEED FOR PERFORMING THE CELL BALANCING AND DEEP  
DISCHARGE WHEN CHARGING BATTERIES USING THE REFLEX CHARGER;  
2, COMPLETE ELIMINATION OF CELL UNBALANCE BY USE OF THE REFLEX  
CHARGER HAS NOT BEEN SUBSTANTIATED, IT IS MANDATORY THAT ALL  
AIRCRAFT NICKEL-CADMIUM BATTERIES BE MAINTAINED EVERY 100 FLIGHT-  
HOURS IN ACCORDANCE WITH THE INSTRUCTIONS CONTAINED IN  
TM 11-6140-203-15-2, C3 INCLUDING ELECTRICAL LEAKAGE, DEEP  
DISCHARGE AND CELL BALANCING AND CAPACITY CHECK, FAILURE TO  
FOLLOW THESE INSTRUCTIONS CAN RESULT IN PREMATURE BATTERY FAILURES;  
THERMAL RUNAWAY AND POSSIBLE SAFETY-IN-FLIGHT PROBLEMS DUE TO  
EXCESSIVE HEAT AND EVENTUAL BATTERY DESTRUCTION;  
3, POINT OF CONTACT FOR FURTHER INFORMATION CLN MR; ART FRINK,  
USAECOM DRSEL-MA-DT, AUTOVON 992-1309/1315;

BT  
#4842

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