

6 May 77 15 14

GEN-77-12
AAU-32/A
encoding alt

RAAUZYUW RULNNA01521 126143B-UUUU--RUHMDTA;
ZNR UUUUU
H 261419Z MAY 77
FM ARNG OAC EDGEWOOD MD //NGB-AVN-L//
TO AIG 7481
INFO RUEADWD/ONGB WASHDC //NGB-ARL-A//
R 052011Z MAY 77
FM CDRAVSCOM STL MO //DRSAV-FEG//
TO AIG 8881
BT

(B)

Army

UNCLAS
AIG 9824 TAKE FOR INFO
NOTE CLN THIS MESSAGE IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT,
REPEAT HAS 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.
SUBJ CLN MAINTENANCE ADVISORY MESSAGE CONCERNING MOVEMENT OF THE
BAROMETRIC PRESSURE SETTING OF THE AAU-32/A ENCODING

*TIMETER (GEN-77-12)
1. MOVEMENT OF THE BAROMETRIC PRESSURE SETTING UNDER VIBRATORY
CONDITIONS HAS BEEN DISCOVERED BY USER ACTIVITIES, TWO INSTRUMENTS

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FOUND BY PILOTS TO HAVE BAROMETRIC SETTING SENSITIVE TO VIBRATION
HAVE BEEN CONFIRMED BY LABORATORY TESTS, LABORATORY TESTING
RESULTED IN MORE BARO SETTING MOVEMENT THAN OBSERVED BY THE PILOT
IN BOTH INSTANCES.

2. ALTHOUGH FIELD COMPLAINTS HAVE BEEN FEW AND THE REPORTS HAVE
INDICATED SMALL DEVIATIONS, FIELD ACTIVITIES ARE HEREBY NOTIFIED
THAT THE BAROMETRIC SETTING MAY DEVIATE IN FLIGHT, THIS NOTIFI-
CATION IS INTENDED TO BE PRECAUTIONARY ONLY SINCE CLN

A. THE BAROMETRIC SETTING IS ROUTINELY CHECKED IN FLIGHT AND
BEFORE LANDING OR TAKE OFF;
B. THE ENCODER OUTPUT IS UNAFFECTED BY THE BAROMETRIC
PRESSURE SETTING.

3. IF BARO SHIFT SHOULD OCCUR THE CORRECT ALTITUDE (POINTER)
READING CAN BE OBTAINED BY MERELY RETURNING THE BARO KNOB TO THE
CORRECT SETTING.

4. BARO MOVEMENT HAS BEEN OBSERVED ONLY IN THE AAU-32/A ENCODING
ALTIMETER, THE MANUFACTURER IS AWARE OF THE PROBLEM AND IS
CONDUCTING AN ENGINEERING STUDY TO SOLVE IT.

5. IF BARO MOVEMENT IS OBSERVED IN FLIGHT TO BE MORE THAN 22.22,

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REPLACE THE INSTRUMENT AND SUBMIT AN EIR AT THE EARLIEST POSSIBLE
TIME.

6. POINT OF CONTACT FOR THIS ACTIONS IS MR. ROBERT LUCKER, AVSCOM
AUTOVON 698-3030/2660.

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