

Replacing Clock Battery on "Non-S" Systems

Serial Numbers: 60,000-60,999

Overview

This document will step you through replacing your clock battery. You will need access to the top of your AFS unit. You will need a needle nose pliers and a Philips screw driver. A Clock Battery (P/N: BR-1225) can be shipped from AFS or purchased locally.

Procedure

1. Write down your autopilot gain settings if applicable. EFIS -> AF/FD -> SETTINGS

LATERAL	LATERAL	VERTICAL	VERTICAL	VERTICAL		
ROLLGAIN	LOCGAIN	ALTGAIN	GSGAIN	FDGAIN	MIN SPD	MAX SPD

2. Remove one clock battery screw from the top case as shown below and loosen the remaining screw.



3. Locate the battery



4. Tape your needle nose pliers as shown below. Place some paper around the battery in case the battery tries to fall deep into the unit.
**** If the battery falls inside the unit remove the lower rear backup battery plate and lightly shake the battery out. Powering the unit with the battery loose inside will damage the unit.**
**** Do not put too much pressure on the silver can.**
**** The battery holder's arm should not be lifted.**



5. The red arrow indicates the location of the notch to push the battery from. This allows the battery to slide in the direction of the green arrow toward the silver can.
6. Then the battery can be removed by sliding it around the silver can shown in the picture.
7. Reinstall the display into the aircraft.
8. Press and hold button 5 during boot or CHECK -> MAINT -> ADMIN -> Hold CALIBRATION
9. SELECT into Admin Settings
10. NEXT down to Administrator Mode
11. ADJUST the number to 1010
12. NEXT down to Set Clock NVRAM Defaults
13. SELECT to reset
14. PREV to Administrator Mode
15. ADJUST the number to 1011
16. SELECT to clear admin mode
17. RETURN to exit calibration
18. Re-enter your autopilot gain settings

**If you have followed all of the steps above and are still having problems
 please contact Advanced Flight Systems, Inc. for further support.**