

Engineering Change Order

ECO#
Requested by
Date: 12/9/2020

Model
Product Line Engineer
Rev: C

Description of Change:

In layman's terms, itemize and describe what the change is. For example, "Add shim beneath the end of the USB mounting bracket."

Reason For Change:

In layman's terms, itemize and describe the requirement that is not being met. For example, "Shim increases the engagement of the back-up USB stick."

ECO Notes

Related ECOs, Temporary Deviations, Field Retrofit, etc.

1. Update V2.1 CMOS battery

1. Extend time between maintenance events

ECO Category:

1. Related ECOs: N/A
2. Temporary Deviations (in-process Production): N/A
3. Field Retrofit: Solution is backward compatible with current CMOS battery
4. Mod to the Mfg Prep Prcs or QC Checklist required? Yes No List:
5. Internal Retrofit (Cert & Training Equipment): HW Engineering will update internal units

Certification Impact

Impact on hardware configuration, list of tests performed, recommended federal cert strategy, approach to state cert (N.E.W.S.).

1. Hardware Configuration: 2.1
2. Internal Testing Performed: Test for battery continuity on IOB and verify current draw. Hardware testing has been performed at lab via EVS6060 testing.
3. Submit to VSTL: Yes No
4. Affected Systems:
Federal: EVS 5240, EVS 5400, EVS 5410, EVS 6000, EVS 6020, EVS 6021, EVS 6030, EVS 6040, EVS 6043, EVS 6100, EVS 6110
State: EVS 5241, EVS 5300, EVS 5303, EVS 5310, EVS 5320, EVS 5321, EVS 5330, EVS 5340, EVS 5341, EVS 5501, EVS 5502, EVS 6010, EVS 6042, EVS 6050
5. Federal Cert Strategy: Click here to enter text.
6. State Cert Strategy: Click here to enter text.

Test to:

MATERIALS MANAGEMENT:
DATE:
MANUFACTURING:
DATE:
QUALITY ASSURANCE:
DATE:

Engineering Change Order

Part Specific Changes: PLM Documentation & Supplier Production
ES&S Bin Number & Omaha Inventory

Include order qty and re-buy levels for new parts.

Notify order entry as applicable.

REVISED PARTS

Include the part number, title, and brief description of the change. In addition, provide direction on **what should be done with existing material, what locations are affected by this change, and what is the new part revision**

01-098-00052 - ASSY Final M217 NxtGn ExpressVote, Rev goes to S

01-097-00323 - ASSY MECH M217 IOB With SBC Installed, Rev goes to F, Update current production
 FN4: Change 01-290-00055 PS Battery Li-Ion CR2032 3V 225mAh Coin 20MM → 01-290-00096 PS Battery Li-Ion 3V 1500mAh CR123A

98-00052 - EXPRESSVOTE,Unit v2.1, Update qty 13500 units during fulfillment process

Not stocked

96-00266 – Swap out current CR2032 with new extended life battery assembly, currently qty 0 in inventory

OBsolete PARTS

Include the part number, title, and disposition

Click here to enter text.

N/A

NEW PARTS

Include the part number, title, who is procuring the part.

01-290-00096 – ASSY, Battery, CMOS, ExpressVote, Extended Life, replaces 01-290-00055 for ExpressVote 2.1

290-00096 – ASSY, Battery, CMOS, ExpressVote, Extended Life, ES&S to order qty 85000 for field updates. (69000 field + 13500 in stock + 604 on water)

017-10025-00 – Label, ECO-1103 applied, include year on label print

DRAWING CORRECTIONS

Drawing changes that are not related to any part changes listed above.

Click here to enter text.

50-10026-00 – ExpressVote Extended Life CMOS Battery Installation and Mounting

QUALITY
 Jason Galley

Approve Ignore

FIELD SERVICES
 Al Moraczewski

Approve Ignore

FULFILLMENT
 Lee McDermott

Approve Ignore

PRODUCT MANAGEMENT
 Dean Baumert

Approve Ignore

CERTIFICATION
 Sue McKay

Approve Ignore

MATERIAL MANAGEMENT
 Stan Allen

Approve Ignore

SUSTAINING ENGINEERING
 Derek Caviness

Approve Ignore

PRODUCT LINE ENGINEER
 Mike Dammann

Approve Ignore

Dir. of Hardware Engineering
 Kevin Liesner

Approve Ignore