

Engineering Change Order

ECO# 1016	Requested by Patrick Keep	Date: 1/28/2019
Model ExpressVote Booth	Product Line Engineer Kevin Liesner	Rev: A
<p>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."</p> <p>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."</p> <p>ECO Notes Related ECOs, Temporary Deviations, Field Retrofit, etc.</p>		
<p>Certification Impact Impact on hardware configuration, list of tests performed, recommended federal cert strategy, approach to state cert (N.E.W.S).</p>		
<p>1. Add reinforcement rib to outside door</p> <p>2. Add support ribs to inside door</p> <p>1. Rib increase rigidity to prevent the door from popping off as frequently</p> <p>2. Support ribs distribute impact force</p> <p>ECO Category: <u>Modify an Existing Part or Assembly</u></p> <p>1. Related ECOs: 001462, 001465, 001466 (Pending), 001547, 001598</p> <p>2. Temporary Deviations (in-process Production): N/A</p> <p>3. Field Retrofit: Backward compatible. Retrofit in field as needed. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List:</p> <p>4. Mod to the Mfg Prep Prcs or QC Checklist required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List:</p> <p>5. Internal Retrofit (Cert & Training Equipment): HW Engineering to retrofit.</p> <p>Hardware Configuration: N/A</p> <p>Internal Testing Performed: Tested pull-off strength of metal strip adhered to inside door against existing doors. Metal strip simulates additional ribbing and proved beneficial.</p> <p>3. Submit to VSTL: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>4. Affected Systems: Click here to enter text. Federal: EVS 5200, EVS 5203, EVS 5204, EVS 5210, EVS 5211, EVS 5220, EVS 5230, EVS 5240, EVS 5400, EVS 5410, EVS 6000, EVS 6020, EVS 6021 State: EVS 5201, EVS 5202, EVS 5300, EVS 5303, EVS 5310, EVS 5320, EVS 5321, EVS 5330, EVS 5340, EVS 5501, EVS 5502, EVS 6010, FL EVS 4520 v 1, FL EVS 4530 V1, FL EVS 4530 V2, IL EVS 5300</p> <p>Test to: <u>V 1.0 VVSG Standards</u></p>		

MATERIALS MANAGEMENT:
DATE: *N. Boyles 2/1/19*

MANUFACTURING: *Tim M. Anderson*
DATE: *2-1-2019*

QUALITY ASSURANCE: *[Signature]*
DATE: *2/1/19*

Engineering Change Order

Part Specific Changes: **PLM Documentation & Pivot 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

01-100-00118 ASSY-SYS M215 ExpressVote Booth: Rev to B or C (ECO-001466 revs this up to B but has been pending for 5-6 yrs.)
 01-098-00051 ASSY Final M215 ExpressVote Booth: Rev to D, update views
 01-059-00420 PNL M215 Privacy Door PC/ABS Charcoal: Rev to D, add ribbing, update views

Click here to enter text.
 98-00051 EXPRESSVOTE; Booth: Rev to D, swap out doors in existing stock (qty. 2), current qty. 1200 order will have new doors implemented
 59-00420 EVX, Door, privacy, 20/20 booth: Rev to D, add ribbing, scrap existing stock (qty. 489), order qty. 500 to stock

OBSOLETE PARTS

Include the part number, title, and disposition

Click here to enter text.

Click here to enter text.

NEW PARTS

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

Click here to enter text.

Click here to enter text.

DRAWING CORRECTIONS

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

Click here to enter text.

Click here to enter text.

QUALITY Vince Wingate <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore	FIELD SERVICES Al Moraczewski <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore	FULFILLMENT Lee McDermott <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore
PRODUCT MANAGEMENT Dean Baumert <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore	CERTIFICATION Sue McKay <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore	MATERIAL MANAGEMENT Stan Allen <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore
SUSTAINING ENGINEERING Derek Caviness <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore	PRODUCT LINE ENGINEER Kevin Liesner <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore	Dir. of Hardware Engineering Kevin Liesner <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Ignore