



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer:	Election Systems & Software (ES&S)
System:	ExpressVote XL
ECO Number:	ECO-1184
ECO Description:	New Ballot Bin Floor Insert

Overview:

This ECO introduces a change to the bin floor insert assembly adherent to 3M VHB 4950. The purpose of the change is to improve bonding to the bin floor and reduce the likelihood of separation after installation. Per the submitted ECO, the change applies to the all revision of the ExpressVote XL PPM Hardware.

ES&S submitted a document providing details on how to install the new ballot bin floor insert as well as field repair existing ballot bin floor inserts using 3M VHB 4950 tape.

Systems Affected:

Federal: EVS 6.0.0.0, EVS 6.0.2.0, EVS 6.0.2.1, EVS 6.0.3.0, EVS 6.0.4.0, EVS 6.0.4.3, EVS 6.0.6.0, EVS 6.1.0.0, EVS 6.1.1.0, EVS 6.2.0.0, EVS 6.3.0.0, and EVS 6.4.0.0

State: EVS 6.0.1.0, EVS 6.0.4.1, EVS 6.0.4.2, EVS 6.0.5.0, EVS 6.0.5.1, EVS 6.0.7.0, EVS 6.3.0.1, and EVS 6.4.1.0

Supporting Documentation:

ECO 1184 ORIGINAL (*ES&S Engineering Change Order*)

ECO 1184 - EAC ECO Required Questions (*ES&S Supplemental Information*)

ECO 1184 - Installation Guide (*ES&S Document No. 50-10047-00, Rev B*)

Engineering Recommendation:

Based on technical documentation review, Pro V&V determines the submitted modification does not adversely impact the functionality, performance, accessibility, usability, safety, or security of the components or system or alter the overall configuration of the certified systems. No change to firmware/software is required. Per ES&S, there is no impact to election official documentation.

Pro V&V recommends the modifications be approved for use with the EVS Systems identified above with no testing required.

Engineering Analysis: De Minimis – No testing required

<p>Reviewer:</p> <p style="text-align: center;">Wendy Owens Printed Name</p> <hr/> <p style="text-align: center;"><i>Wendy Owens</i> Signature</p> <hr/> <p style="text-align: center;">07/31/2024 Date</p>	<p>Approver:</p> <p style="text-align: center;">Michael Walker Printed Name</p> <hr/> <p style="text-align: center;"><i>Michael L Walker</i> Signature</p> <hr/> <p style="text-align: center;">07/31/2024 Date</p>
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