



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer:	Election Systems & Software (ES&S)
System:	DS300 Ballot Box
ECO Number:	1186
ECO Description:	Seal lock loop rivet modification on ballot box

Overview:

This ECO introduces a change to the seal lock loop rivet of the DS300 Ballot Box. Per the submitted ECO, the current seal loops are falling off on the DS300 Ballot Boxes. ES&S is adding a longer rivet to allow for easier installation and improve the overall product quality. The improved design should hold the seal loop in place more effectively.

Change: Pivot Part # 01-340-00970 "Rivet 3MM X 8MM ZP BLACK" to 01-340-01247 "Rivet 3MM X 10MM ZP BLACK"

Systems Affected:

Federal: EVS 6.3.0.0, EVS 6.5.0.0, EVS 6.4.0.0

State: EVS 6.3.0.1, EVS 6.3.0.2, FL EVS 6.3.1.0 Version 1 (Revision 3), EVS 6.4.1.0

Supporting Documentation:

ECO 1186 ORIGINAL (*ES&S ECO*)

EAC ECO 1186 Required Questions (*ES&S Supplemental Information*)

Seal Lock Loop Rivet (ECO - 1050313 - 1 - A1) - 1 (*ES&S Test Case*)

Engineering Recommendation:

Based on successful 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 addition of the new part be approved for use with the EVS Systems identified above with no testing required.

Pro V&V evaluated this ECO under Section 3.3.1 Security Update of the Voting System Testing and Certification VVSG Lifecycle Policy.

Engineering Analysis: De Minimis – No testing required

Reviewer:

Wendy Owens

Printed Name

Wendy Owens

Signature

04/17/2025

Date

Approver:

Michael L. Walker

Printed Name

Michael L. Walker

Signature

04/17/2025

Date