



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer:	Election Systems & Software (ES&S)
System:	EVS DS300 Component
ECO Number:	1162
ECO Description:	Release Field Repair Kit for the DS300 Ballot Bin Handle

Overview:

This ECO introduces a Field Repair Kit for the DS300 Ballot Bin Handle. Per the submitted ECO, fielded DS300 Ballot Bin Units are exhibiting cracked mounting bosses on the handle. The kit is intended to repair the mounting integrity of the handle in a field environment.

Systems Affected:

Federal: EVS 6.3.0.0, EVS 6.4.0.0

State: EVS 6.3.0.1, EVS 6.3.0.2, Florida EVS 6.3.1.0 Version 1, EVS 6.4.1.0

Supporting Documentation:

ECO 1162 ORIGINAL (*ES&S Engineering Change Order 1162*)

ECO 1162 ES&S Responses (*ES&S Supplemental Information*)

091-10053-00_Pre Handle Saddle Retrofit Kit (*Field Repair Kit Drawing*)

91290A326_Alloy Steel Socket Head Screw (*Field Repair Kit Component Drawing*)

91290A336_Alloy Steel Socket Head Screw (*Field Repair Kit Component Drawing*)

072-10186-00_Pre Bolt Spacer (*Field Repair Kit Component Drawing*)

072-10185-00_Pre Handle Saddle (*Field Repair Kit Component Drawing*)

Engineering Recommendation:

Based on successful 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 Field Repair Kit be approved for use with the EVS Systems identified above with no testing required.

Engineering Analysis: De Minimis – No testing required

Reviewer:

Wendy Owens

Printed Name

Wendy Owens
Signature

11/30/2023
Date

Date

Approver:

Michael Walker

Printed Name

Michael L. Walker
Signature

11/30/2023
Date

Date