

	Doc or ECO #:	ECO-71855-002	Date:	10/26/2020	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	aeg	Date:	11/02/2020	Quality Approval:	aeg

P/N #:	71855	Effective Date:	October 26, 2020
Title:	Mission Specialist OCC Keyboard Change		

1.0 Purpose / Summary

- Due to a manufacturing issue, the left mouse click was being interpreted incorrectly due to a PCB level component revision. We were forced to select a new keyboard that is compatible with our systems.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
71855	Top Level Assembly	☐	☐	☒	D
71772	F-Key Overlay	☐	☐	☒	C
73019	SealShield Keyboard	☐	☒	☐	A
70228	Wetkeys Keyboard	☒	☐	☐	B

3.0 Detail

- The vendor for the Wetkeys Keyboard **[70228]** did an internal hardware revision which is no longer compatible with Ubuntu 18.04 LTS. Left click mouse buttons no longer were registered as mouse clicks, but instead were registered as keyboard buttons. Due to the left mouse clicks being registered as keyboard buttons, the switch bounce setting would no longer be set correctly for double mouse clicks. Upon testing different bounce values, no value was perfectly suited for both situations. The following ID's can be used to identify the Wetkeys keyboards.
 - Known Good – 64081910
 - Known Bad - 65072002

4.0 Disposition of Material

- Return all stocked 70228 Rev B keyboards to vendor
- Keep all Revision A,B 71772 F-Key overlays as replacements

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5.0 Action Items

Action	Department	Acknowledgement Initials
Update BOM	Engineering	SL
Update Epicor	Engineering	SL

6.0 Modified / Referenced Documents:

Document	Current Revision
BOM-71036	F

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
11/2/2020		Init	SL