

IAW AR 70-62, this MEC is a technical airworthiness document and provides disposition for the identified issue to maintain airworthiness requirements. It will be retained in aircraft historical records and the aircraft logbook, or other applicable historical records, as long as the deviation is in effect.

FCDD-AMR-SM FORM 127-E

buttons on the Launcher Interlock Device (LID) on launcher 1081 in accordance with the following procedure, TM 1-1550-1689-23&P, and TM 1-1500-204-23.

- 1. Remove Launcher Interlock Device (LID) front panel via four (4) screws per TM 1-1500-204-23. Retain screws.
- 2. Inspect each push-button (P/N ISR3SAD200) per TM 1-1500-204-23-4. No damage to the push-button allowed. Verify each push-button is functioning correctly per the TM. Replace as required.
- 3. If the push-button passes inspection, but requires a replacement boot, loosen the push-button locking nut that is located on the backside of the panel.
- 4. Pull the push-button out past the panel far enough to give enough clearance to replace the damaged boot (P/N U5125-2). Replace the boot.
- 5. Re-install the push-button (P/N ISR3SAD200) into the LID front panel and tighten the push-button locking nut to the manufacturer's specs.

NOTE: Ensure "D" shaped shoulder flange of push-button, hidden by boot, is aligned with "D" shaped hole in the LID front panel (Reference drawing PN 39489-43488_D)

- 6. Re-install LID front panel with retained screws per TM 1-1500-204-23.

References: TM 1-1500-204, PN 39489-43488_D, PL39489-43488C, PN 39489-43480

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The undersigned engineer determined the repair activity possesses the requisite tooling, training, experience, material, and/or facilities to accomplish the requested task.

Addendum A created by BSUDING On 12/21/2023

NOTE: The potential to lose small parts during removal and installation is high. As such, it is recommended to complete the following procedure with the LID removed from the launcher.

Change original disposition criteria to the following:

Authorized By: Digitally signed by SUDING.BRITTANY.HELEN.1291995205 Date: 12/21/2023 2:28:54 PM	Authorized On: 12/03/2023	Last Addendum Date: 12/21/2023	QC STAMP Page 2 of 3
Email : Brittany.H.Suding.civ@army.mil		Phone : 256-783-1434	

- 1. Remove Launcher Interlock Device (LID) per the TM.
- 2. With LID on work bench, remove Launcher Interlock Device (LID) front panel via four (4) screws per TM 1-1500-204-23. Retain screws.
- 3. Inspect each push-button (P/N ISR3SAD200) per TM 1-1500-204-23-4. No damage to the push-button allowed. Verify each push-button is functioning correctly per the TM. Replace as required.
- 4. If the push-button passes inspection, but requires a replacement boot, loosen the push-button locking nut that is located on the backside of the panel. If push-button locking nut is inaccessible, see below (Steps A through D).
 - A. Remove the 20-pin ribbon cable, black 4-pin connector, and black 8-pin connector.
 - B. Remove circuit board via 4 screws. Board standoffs are held in place only by 4 screws. Care should be taken not to lose the standoffs.
 - C. Only where required to do so, remove RTV silicone that holds wires in place to be able to access push-button locking nut. Use a thin, flat, utensil, such as a flat blade screwdriver or similar, to do so.
 - D. Loosen the push-button locking nut that is located on the backside of the panel.
- 5. Pull the push-button out past the panel far enough to give enough clearance to replace the damaged boot (P/N U5125-2). Replace the boot.
- 6. Re-install the push-button (P/N ISR3SAD200) into the LID front panel and tighten the push-button locking nut to the manufacturer's specs.

NOTE: Ensure "D" shaped shoulder flange of push-button, hidden by boot, is aligned with "D" shaped hole in the LID front panel (Reference drawing PN 39489-43488_D)
- 7. Apply RTV silicone per TM 1-1500-323-24-1 (non-corrosive RTV) to hold wires in place, if it was removed, and let dry.
- 8. If circuit board was removed, temporarily hold 4 standoffs in place in between circuit board and the backside of the front panel. A retaining material such as tape may be necessary to hold the standoffs in place at each of the 4 screw hole locations. Plug in black 20-pin cable, black 4-pin connector, and black 8-pin connector that was previously removed in steps 4A – 4D. Reference TM 1-1500-323-24-1 for electrical wiring processes.
- 9. Re-install LID front panel with retained screws per TM 1-1500-204-23.

MEC Attachment(s): [To View: Right Click -> Show Navigation Pane Buttons and Click on Paperclip](#)
[39489-43488_D.pdf](#)

[PL39489-43488_C.pdf](#)

[MEC F413388 Shadow Launcher LID Button Covers.pdf](#)

[LAU LID_Control Panel_Front View.jpg](#)

[LAU LID_Inside View 1.jpg](#)

[LAU LID_Inside View 2.jpg](#)

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