

# F-15SA Hazard Worksheet

**Hazard #** SA49-04c

**Last Update:** 3/15/2024

**Effectivity:** Production BCU3

**Software:** No

**Component/Function/Task**

New and modified electronic equipment LRUs for F-15SA BCU3: MIDS JTRS

**MIL-STD:** 882E

## **Hazard Description**

Weight exceeds one-person lift limit (37 pounds) thus two people or more will be required for lift (MIL-STD-1472G)

## **Hazard Cause**

Improper handling

## **Hazard Effect**

Personnel injury and/or equipment damage from dropping.

**Phase:** MAINTENANCE

**Initial Risk:** **HAZ CLASS:** II - Critical **HAZ PROB:** C - Occasional **RISK:** 6

## **Hazard Action:**

1. Provide hazard notification to technicians with labeling on the applicable equipment.
2. Ensure Tech Order instructions address the lift requirements.

**Current Risk:** **HAZ CLASS:** III - Marginal **HAZ PROB:** D - Remote **RISK:** 14

**Final Risk:** **HAZ CLASS:** III - Marginal **HAZ PROB:** D - Remote **RISK:** 14

**Hazard Status:** Monitor

### **Remarks:**

#### **Action 1: Complete**

Severity: Severity: Qualitatively assessed to be Marginal (III). The damage to equipment that would require depot maintenance may cost \$225,000, resulting in a severity of Critical (II) per MIL-STD-882D. However, this hazard has been reevaluated IAW MIL-STD-882E due to BCU3 contract update and the cost threshold has been increased to a minimum of \$1 Million to be considered a Critical (II) severity. Therefore, due to the potential for lost workday time due to injuries results in a severity of Marginal (III).

Probability: Remote (D). Qualitatively assessed to be Occasional (C) based on USAF F-15 ground experience with multiple personnel lifting of heavy items. Two-man lift requirement further mitigates the probability to Remote (D).

#### **References:**

N/A

**Linked Hazards:** MIDS JTRS 604, QA49-07

#### **Revision History:**

- 09/19/2022: Hazard Initiation
- 03/15/2024: Hazard updated from MIL-STD-882D to MIL-STD-882E. Risk lowered due to MIL-STD-882E Severity classification changes from MIL-STD-882D. Hazard Status updated to MONITOR
- 03/22/2024: Hazard Action 3 removed as determined no support equipment is required during install.