

Quality Requirements  
Q4R - Foreign Object Debris/Damage (FOD) Prevention

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\* Revised

\*\*Added

Notice: A hard copy of this document may not be the document currently in effect.  
The current version is always the version on the Lockheed Martin network.

- A. Seller shall maintain a FOD prevention program. Seller's FOD prevention program shall include the review of design and manufacturing processes to identify and eliminate foreign object entrapment areas and paths through which foreign objects can migrate. Seller shall ensure work is accomplished in a manner preventing foreign objects or material in deliverable Items. Seller shall maintain work areas and control tools, parts and materials in a manner sufficient to preclude the risk of FOD incidents. Seller shall document and investigate each FOD incident and ensure elimination of the root cause of each such incident.
- \* Whenever and/or wherever FOD entrapment or foreign objects can migrate, Seller's FOD prevention program shall include Seller's periodic self assessment of its internal FOD prevention practices, including each respective subcontractor's FOD prevention program at every tier to measure effectiveness of program compliance to requirements.
  - \* Seller's FOD prevention program shall provide initial and periodic FOD training to Seller's employees.
  - \* Seller shall provide records of such self assessment and training to Buyer, upon request.
- B. Seller's FOD prevention program shall, at a minimum, contain the following elements:
1. Design & Manufacturing Process Review,
  2. Performance Measurement,
  3. Training,
  4. Material Handling and Parts Protection,
  5. Housekeeping,
  6. Tool Accountability,
  7. Hardware Accountability,
  - \* 8. Lost Items Search and Documentation Process,
  9. Physical Entry Control into FOD Critical Areas, and
  10. FOD Focal Point(s)

- \* C. Whenever and/or wherever FOD entrapment or foreign objects can migrate, Seller shall ensure that applicable Quality Clause Q4R FOD requirements are flowed down to Seller's subcontractors at every tier.
- D. Prior to closing inaccessible or obscured areas and compartments during assembly, Seller shall inspect for foreign objects/materials. Seller shall ensure that tooling, jigs, fixtures, and test or handling equipment are maintained in a state of cleanliness and repair sufficient to prevent FOD.

By delivering Items to Buyer, Seller shall be deemed to have certified to Buyer that such Items are free from any foreign materials that could result in FOD.