

# Aviation, Space and Defense Organizations: 9146 FOD Standard Coordination Draft.

## ***Purpose:***

Foreign Object Damage (FOD) is a major concern in the aviation, space, and defense industry. While there is a large amount of information and guidance available about the prevention of FOD, no requirements standard exists. This standard identifies FOD Prevention Program requirements that can be flowed down in contractual agreements.

The aviation, space, and defense industry established the International Aerospace Quality Group (IAQG) for the purpose of achieving significant improvements in quality and safety, and reductions in cost, throughout the value stream. This organization includes representation from aviation, space, and defense companies in the Americas, Asia/Pacific, and Europe.

The 9146 standard will apply to all aspects of operations to design, develop, produce and delivery to provide aviation, space and defense products and services; and by organizations providing post-delivery support, including the provision of maintenance, spare parts or materials for their own products and services.

## ***Current Status:***

The FOD Standard writing team recently convened a face to face meeting in Fort Worth, Texas January 25-29, 2016. Some of the key accomplishments were:

- Incorporation and disposition of comments from the second coordination draft
  - 121 total comments received
  - 11 accepted
  - 74 accepted in principle
  - 1 not accepted in principle
  - 11 not accepted
- Discuss the scope of the FOD program covering all operations phases (product, production, services)
- Revise standard to align with 9100 (2016) draft and ISO 9000 terminology for Operations (product, production, services) in place of product realization.
- Discussion of implementation flow down of FOD standard/requirements internally and externally.
- Organize the FOD prevention program around significant FO items (hardware, consumables, product protection, tools, training, housekeeping and personal items)

**Next Steps:**

The team completed the writing of the 9146 Standard in February 2016. The schedule for release of IAQG 9146 includes the following major milestones:

- February 2016- submit final draft to IAQG document editor
- March 2016- submit final draft for ballot to SML
- June 2016- face to face meeting to disposition ballot comments
- June 2016- provide written feedback to companies on submitted comments

The IAQG will provide and post on their website ([www.iaqg.org](http://www.iaqg.org)) 9146 deployment support material to accompany the release of 9146. This will include Frequently Asked Questions (FAQs) and a 9146 overview presentation.