

# What is FOD?

Foreign Object Debris



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FOD is somewhat ambiguous because it varies depending on the situation. A paper clip on a desk is not FOD because it is not foreign to that environment, but a paper clip in a commercial passenger jet engine or space shuttle main engine could prove catastrophic to either the flight vehicle, crew, or both. Anything can be FOD if it is foreign to that environment. Foreign Object Debris is what the acronym FOD refers to and is and should be taken very seriously when manufacturing aircraft, aerospace equipment, and performing maintenance on these devices and vehicles.

CribMaster has taken FOD compliance very seriously and has developed procedures and functionality to support 100% FOD compliance efforts. With CribMaster, items can be identified as FOD items and employees can be identified as FOD employees. This way when a FOD item is issued to an employee that is designated as a FOD employee, CribMaster writes a check-out record and expects that item to be returned.

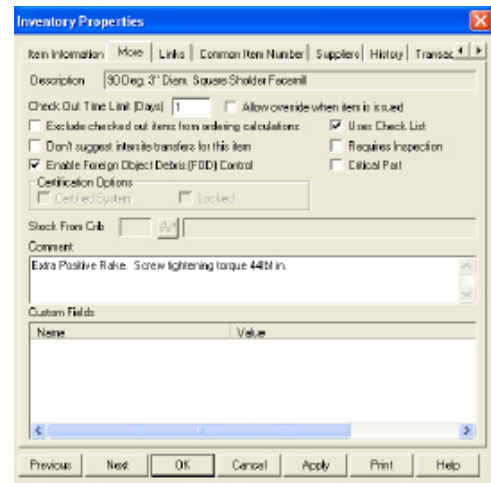
## How Does It Work?

Normally an expendable item in CribMaster is a one way issue and CribMaster does not expect that item to be returned. This is typical of certain cutting tools, drill bits, etc. When these items are designated as FOD items and are issued to a FOD employee, that designation is overridden and a return is expected. This ensures that records are written and reporting can be generated to ensure products are returned and can be accounted for. This enables the person who is charge of your FOD compliance to review and check quantities at the end of each process, end of shift, or any time interval designated.

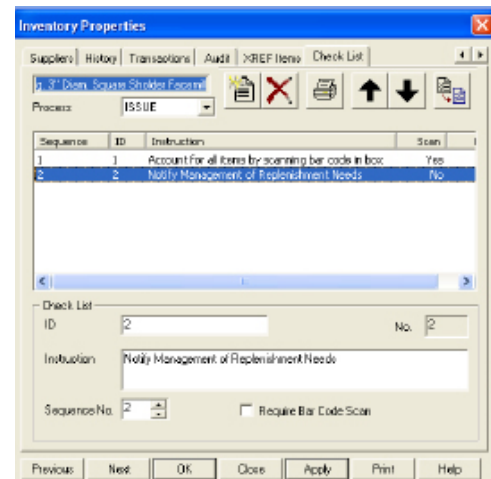
## Check Lists Help the FOD Process

Another feature in CribMaster that helps the FOD process is a feature called Check Lists. Check Lists can be assigned to individual items or kits of items. What the check list feature does is prompts the user to complete a set of tasks prior to issuing or returning an item or kit of item. This is very helpful in FOD processes when utilizing a kit of items that must be verified and counted prior and post usage.

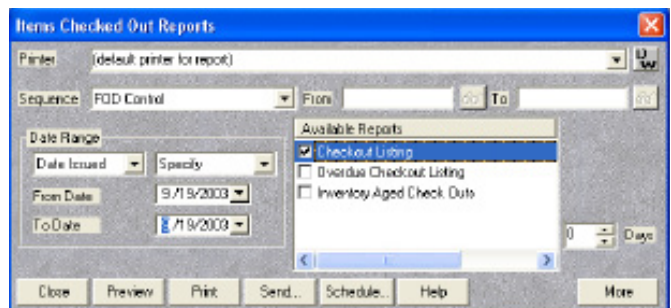
For example, checklists may incorporate barcode driven commands to ensure the task is complete. An aircraft maintenance employee comes to a tool crib or distribution device to receive a kit of items to complete an assigned maintenance task. He select the items he needs and before writing the issue transaction, the employee is commanded to identify that no inventory is missing from the kit and scan a barcode badge within the kit to ensure a count was taken. The same process is completed upon return of the items or kits. Just another way to ensure compliance and improve processes that require FOD identification.



Items are easily identified as requiring FOD control in the Inventory Properties screen of that item. This is also where you turn on check lists.



Once checked, a check list tab appears and allows you to create check lists procedures for both issue and return of the item.



Items checked out reports and other report dialogues allow you to sequence items by FOD control. This allows reports to be scheduled for printing or email at chosen time intervals to ensure accuracy of your FOD compliance efforts.

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