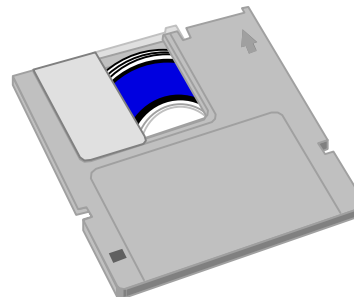
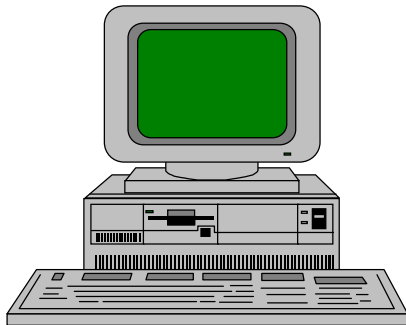
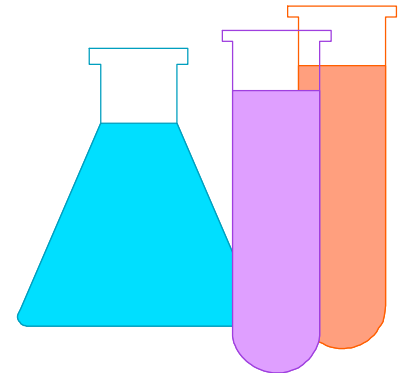


High-Risk Property Management

Presented by
Gary Swanson, CPPM, CF



Policy

It is the responsibility of DOE organizations and designated contractors (SNL) to manage and control Government-owned high-risk personal property in an efficient manner. High risk personal property will be managed so as to protect the public and DOE personnel safety and to advance the national security and nuclear nonproliferation objectives of the U.S. Government.

Policy (cont'd.)

- Mitigates risks to U.S. national security and promotes nuclear nonproliferation objectives.
- In no case shall property be transferred or disposed of unless it receives a high-risk assessment and is handled accordingly.

Categories of High Risk Property

- Especially Designed or Prepared Property (Trigger List items)
 - Property used in connection with nuclear reactors
 - DOE requires destruction of such items
 - Low probability of finding at SNL
 - Reapplication Team should watch items from Tech Area 5

Categories of High Risk Property

- Export Controlled Property
 - Reapplication team personnel **not** responsible for identifying it
 - Export Control Classification Numbers (ECCNs) determined by Property Management and Export/Import Control Office (EICO) personnel

Categories of High Risk Property

- Nuclear Weapon Components or Weapon-Like Components
 - SNL's bread and butter - this is what we do!
 - Reapplication team's greatest concern
 - More details on identification later
 - DOE requires destruction of such items

Categories of High Risk Property

- Proliferation-Sensitive Property
 - Equipment or material used in the research, design, development, testing or production of nuclear or other weapons
 - These items primarily identified by their ECCNs (high risk and export control staff)
 - Reapplication team personnel **not** responsible for identifying it

Categories Controlled by Other Management Programs

- Automated Data Processing Equipment
- Export Controlled Information (ECI)
- Hazardous Property
- Radioactive Property
- Special Nuclear Material (SNM)
- Unclassified Controlled Nuclear Information (UCNI)

Some Munitions List Categories

- Firearms
- Ammunition
- Launch Vehicles, Missiles, Rockets, Torpedoes, Bombs & Mines
- Explosives/Propellants
- Tanks/Military Vehicles
- Military Training Equipment
- Protective Personnel Equipment
- Military Electronics
- Guidance Control Equipment
- Nuclear Weapons Design & Test Equip.

High Risk Property Reviews

Property is reviewed by Property Mgt. and personnel for:

- Nuclear weapon components or weapon-like components
- Munitions List items
- DOE or Nuclear Regulatory Commission (NRC) export control jurisdiction items
- Dept. of Commerce Export controlled items

High Risk Property Reviews

Since Property Mgt. only reviews property several times each month, **Reapplication Team reviews are critical!**

You must be trained to identify nuclear weapon components or weapon-like components and weapons related equipment because **you are are first line of defense.** Many times these are identified in the sorting area and seen by no one but you!

High Risk Property Reviews

You also need to understand our system for marking the items on which we have performed a high risk property review.

We use a different method for marking the property numbered items that are held for screening than we use for the materials that are not property numbered.

High Risk Property Reviews

Marking items with Property Numbers:

- If we can determine that an item is not high risk property on our first review, we affix a bright pink “REL” label on it, as shown in the next slide.

High Risk Property Reviews



Examples of Release Labels

High Risk Property Reviews

Marking items with Property Numbers (cont.):

- If we cannot determine the high risk property status of an item on our first review, we place the sign shown on the next slide on it.
- You must not allow this item to be taken or shipped to anyone who is not a Sandia employee or augmentation contractor until you receive a release on it from either Fabian Aragon or Gary Swanson.

HOLD

This item is being held because we do not know its high risk status. It may be issued to any SNL employee or augmentation contractor. If another DOE activity or Federal agency or their contractor requests it, contact Fabian Aragon (284-8136) or Gary Swanson (844-4932) and they will expedite researching it. They will provide necessary information for Shipper or the SF-122, Transfer Order.

THIS ITEM WILL NOT BE MADE AVAILABLE FOR DONATION SCREENING OR SENT TO AUCTION. WHEN SCREENING IS COMPLETED, FABIAN ARAGON OR GARY SWANSON WILL MARK IT FOR DESTRUCTION FOR ECONOMIC REASONS.

High Risk Property Reviews

- When we determine that an item is high risk property, we place the sign shown on the following slide on it.
- The item may be transferred to another DOE activity or Federal agency but the notice on the second slide must be inserted into the shipping or transfer documentation.

STOP

This item is high risk property because it has an Export Control Classification Number (ECCN) of 3A002. It may be issued to any SNL employee or augmentation contractor.

If it is requested by another DOE activity or Federal agency or their contractor, the statement printed on the back of this sign must be included on the SF-122, Transfer Order.

**THIS ITEM WILL NOT BE MADE
AVAILABLE FOR DONATION
SCREENING OR SENT TO AUCTION.
WHEN SURPLUS, MOVE TO A HIGH
RISK PROPERTY HOLDING AREA.**

Statement that must be included on the Shipper or in the SF-122, Transfer Order if the equipment is transferred to another DOE activity or Federal agency.

In accordance with 41 CFR 109-1.5303(b)(4), Sandia National Laboratories is informing the recipient that the (insert manufacturer name, model number, and equipment description) is considered high risk personal property because it has an Export Control Classification Number of 3A002 from the Department of Commerce, Commerce Control List (15 CFR 774, Supplement 1). The item is export controlled for National Security (NS) and Anti-Terrorism (AT) reasons.

Example of a statement for SF-122,
Transfer Order

High Risk Property Reviews

Marking items with Property Numbers (cont.):

- When we don't feel the item is worth researching for its export controls, we mark it with a **large red X** which means it will be destroyed for economic reasons.
- The item may be transferred to another DOE activity or Federal agency.



High Risk Property Reviews

Marking items without Property Numbers:

- If we can determine the high risk property status of an item on our first review, we affix a bright pink “REL” label on it as shown in a previous slide.
- If we cannot determine the high risk property status of an item on our first review, we place a green “HOLD” label on it and write the date on it (See next slide).

High Risk Property Reviews



High Risk Property Reviews

If an item with a large HOLD label is released, we place a large RELEASE label on it as shown below:



High Risk Property Reviews

Marking as High Risk or Economic Destruct:

- When we determine that an item is high risk property, we assign a High Risk Property Control (HRPC) number to it and paint it with a **large yellow X**, as shown in the next slide.
 - These are moved to the high-risk quonsets.
- When we don't feel the item is worth researching for its export controls, we paint it with a **large red X** which means it will be destroyed for economic reasons.
 - These are moved next to the roll-off on the north side of building 996.

High Risk Property Reviews



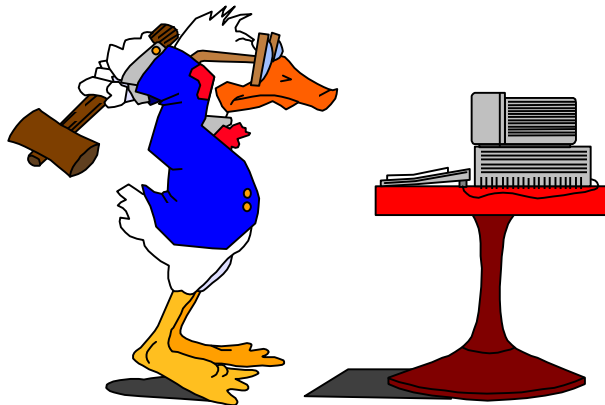
Items that don't need a Release Sticker



Presumption of Destruction and Demilitarization

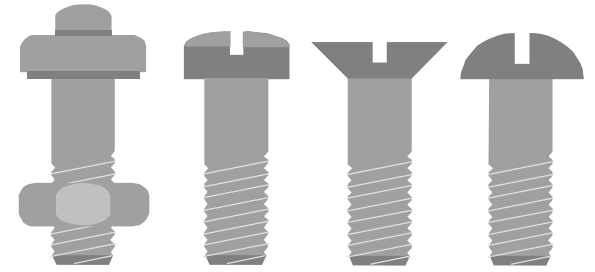
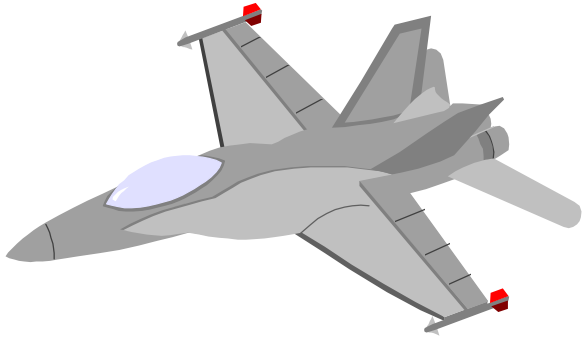
Destruction

All items on the Trigger List and nuclear weapons components must be destroyed in accordance with DOE guidelines. All Munitions List items must be handled in accordance with the DOD Demilitarization and Trade Security Controls Manual.

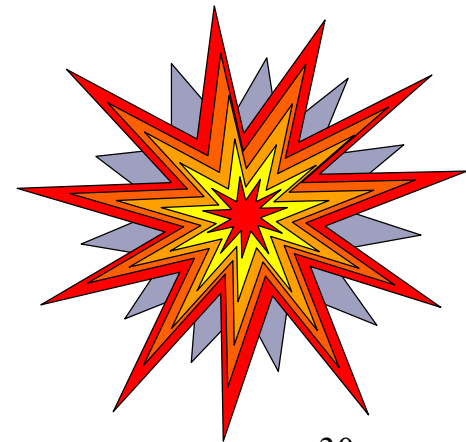
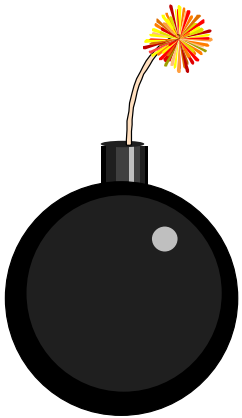


Other Reviews

- K-12
- Auctions
- Transfers
- Loans
- Sales
- Donations
- Trade-ins



Identifying Weapon Components



Cold War Arguments from Weaponneers and the *Nonproliferation* *Counterarguments*

- **“Who cares? These parts are unclassified. They can probably get the blueprints.”**

There is a difference between blueprints and the actual parts. A proliferant with blueprints still has to divert scarce manufacturing resources to make the parts

- **“Who cares? I can get these parts at Radio Shack.”**

You can't get the quality and reliability of U.S. War Reserve weapon components.

- **“Who cares? These parts are thirty years old.”**

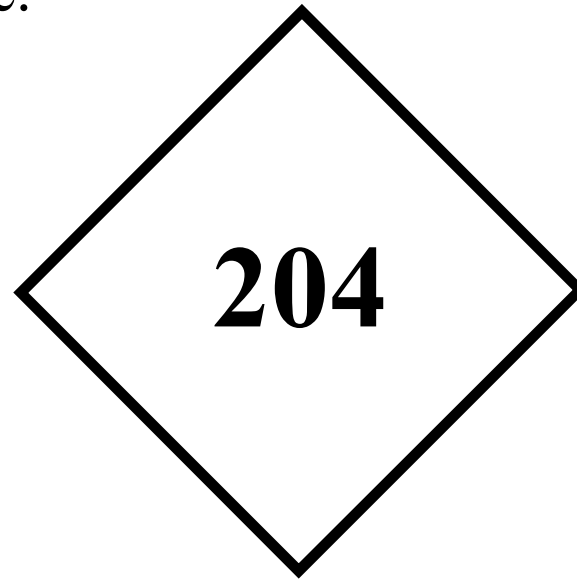
The proliferators are working on 50 year old bomb designs.

How to tell if an item is a nuclear weapon component?

All war reserve nuclear weapon components are marked with a distinctive Diamond Stamp. This stamp indicates that the part has been accepted for use.

It looks like:

The number is
for the inspector.



Other Potentially Identifying Features

- Part Numbers: 6-digit number plus a 2- or 3-digit suffix. An example would be 158763-01
- Other Component Designations for War Reserve are numbers and one of the following:
 - MC for major component
 - CF for electrical circuitry parts
 - SA for (commercial or special design)

Example of Markings for an MC Part: B57 Fin

Designation: MC 1412

Part number: 311217-00

Manufacturing Identification Elements: BBN-13366-B6

Manufacturer's Code: BBN (Bendix, Kansas City)

Serial number: 13366

Date Code: B6 (February 1966)

Lot or batch number: None

Identifying Weapon Components



Bomb Fins

Identifying Weapon Components



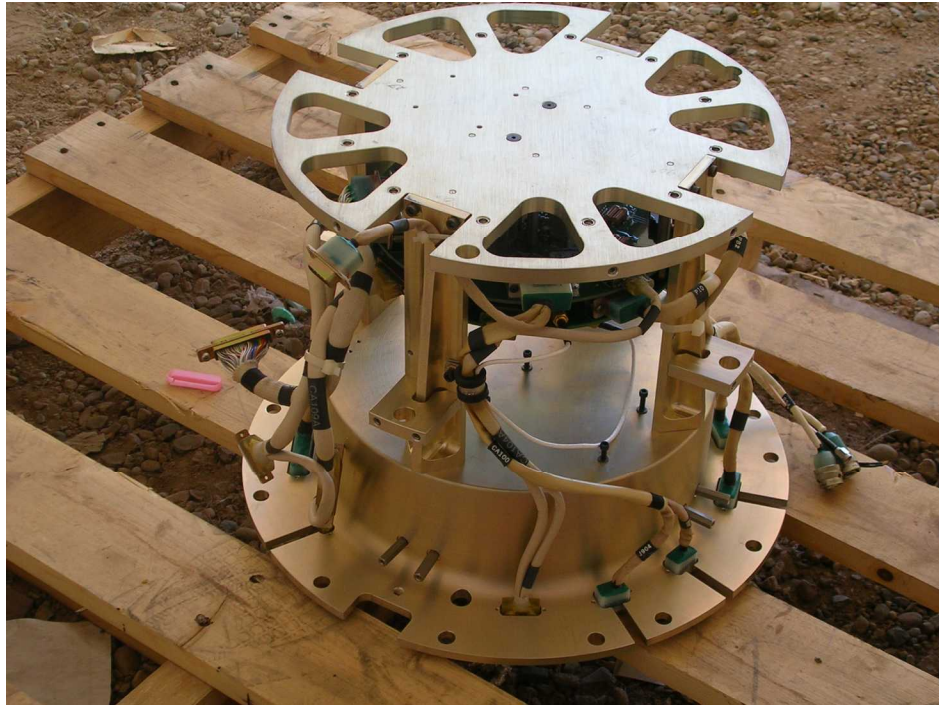
Missile Parts and
Handling
Equipment

Identifying Weapon Components



Rocket Cases

Identifying Weapon Components



Firing Set

Identifying Weapon Components



B521578-10

Identifying Weapon Components



MC-982

Note the rope for pulling a pin or something.
DO NOT PULL SUCH AN ITEM!!

Identifying Weapon Components



Diamond-
Stamped

Identifying Weapon Components



MC3072

Identifying Weapon Components



MC3666

Identifying Weapon Components



SA3562

Identifying Weapon Components



Note: A cable with military type connectors may not be high risk. Check the item the cable is connected to & see if it is a military or weapon related item.

Specialized Cable

Identifying Weapon Components



TC501A

Identifying Weapon Components



XTC938



XMC3610

Identifying Weapon Components



Example BBN # Tag

Identifying Specialized Testers



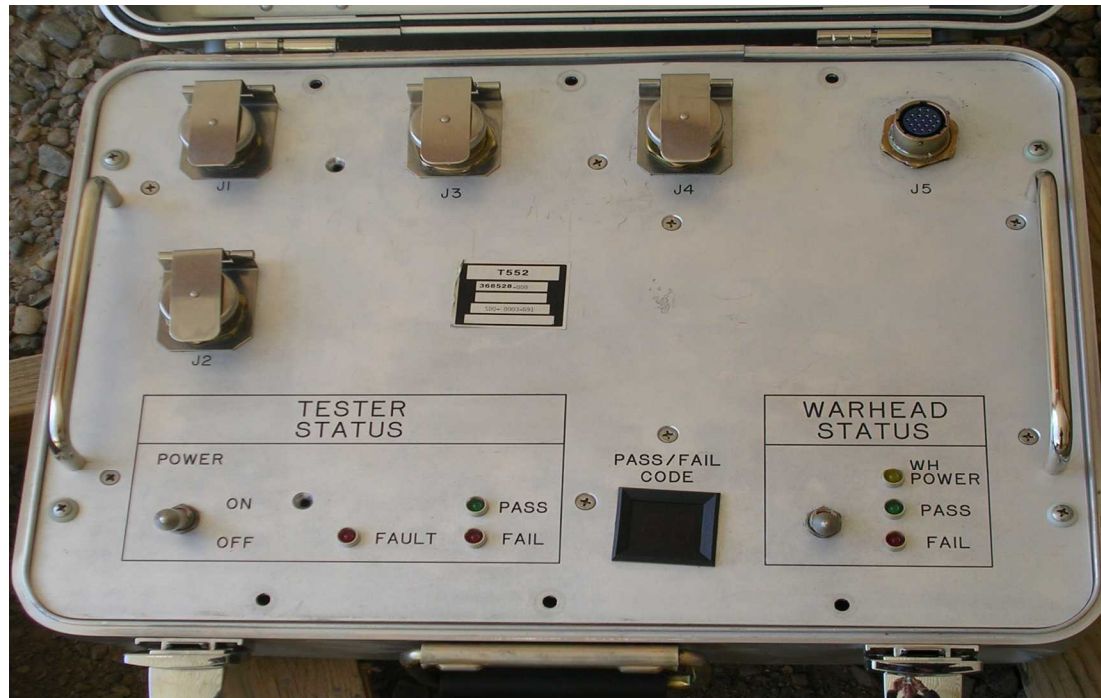
Examples of PT # Tags

Identifying Specialized Testers



Example BXE # Tag

Identifying Specialized Testers



T552 Warhead Status Monitor

Identifying Specialized Testers



Specialized Test Equipment Rack

Identifying Specialized Equipment



PT 4082

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