## ACQUISITION, TECHNOLOGY

AND LOGISTICS

## THE UNDER SECRETARY OF DEFENSE

## 3010 DEFENSE PENTAGON WASHINGTON, DC 20301-3010

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## MEMORANDUM FOR ACTING UNDER SECRETARY OF DEFENSE (ACQUISITION, TECHNOLOGY AND LOGISTICS)

FROM: CHAIR, INDUSTRIAL JOINT CROSS SERVICE GROUP

SUBJECT: Industrial Joint Cross Service Group (IJCSG) Capacity Analysis

The final capacity analysis report of the Industrial Joint Cross Service Group is attached. This report incorporates the guidance received from the Infrastructure Steering Group in their October 22, 2003 memorandum and includes the capacity data call questions in the required format.

This report would not have been possible without the dedicated efforts of the members of the IJCSG and their staffs. It is through their efforts that this difficult process will be brought to a successful conclusion.

Chairman, Industrial Joint Cross Service Group

Attachment as stated

cc: IJCSG Members



**Industrial Joint Cross Service Group** 

## **Capacity Analysis Report**

## **Section 1: Introduction**

The Industrial Joint Cross Service Group (IJCSG) is tasked with analyzing the industrial functions performed by the Department of Defense in order to conduct a capacity analysis for use in the BRAC 2005 process. The functions and subordinate functions that fall under the IJCSG purview are:

- Maintenance (Depot and Intermediate Levels)
  - o Training Aircraft
  - o Fighter/Bomber
  - o Utility/Airlift
  - o Rotary Wing
  - o Ground Vehicle
  - o Support Equipment
  - Electronics
  - o Engines
  - o Maintenance Combat Field Support
- Ammunition and Armament (Industrial Base for Manufacturing, Production)
   Maintenance, Storage and Demilitarization
  - o Small/Medium Ammunition
  - o Large Ammunition
  - o Propellants and Explosives
  - o All Metal Parts
  - o Nuclear, Biological and Chemical Weapons
  - o Directed Energy Weapons
- Shipyards Overhaul and Repair
  - o Aircraft Carriers and other Large Deck Ships
  - o Submarines,
  - o Other Surface Ships and Craft, combatant and noncombatant.

There are four specific IJCSG proposed refinements to the functions cited above:

• Include Government Owned Contractor Operated (GOCO) maintenance activities in the analysis.

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Rationale: Some of these GOCOs can provide the full range of maintenance capabilities to include both depot and field support and therefore need to be considered during BRAC 2005 to provide a meaningful analysis.

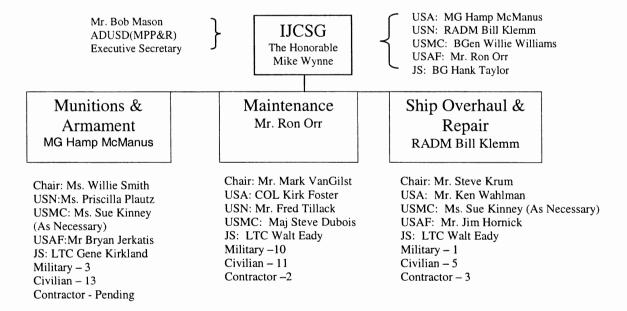
- Delete Nuclear, Biological, and Chemical weapons from analysis
   Rationale: Under the terms of international treaties, biological weapons do not exist.

   The Department is in the midst of a well publicized effort to destroy existing chemical weapons. Special weapons requirements follow force structure and are Service specific as well as Department of Energy-managed.
- Change Ammunition to Munitions to address all ordnance.
   Rationale: To ensure thorough review, including, Conventional Ammunition, Missiles,
   Torpedoes, Naval Surface Mines, etc.
- Change the function name of Shipyards Overhaul and Repair to "Ship Overhaul and Repair."

Rationale: The scope of this function should include depot-level ship overhaul, repair, and nuclear refueling, and intermediate-level maintenance and repair.

Three sub-groups have been established based upon the three main functions to be analyzed by the IJCSG. Each of the subgroups is headed by a principal member of the IJSCG, who is also a subject matter expert. Each of those subgroups, in turn, are composed of members from each Service and supported, as necessary, by contract personnel.

The Industrial Joint Cross Service Group has the following organizational structure:



The IJCSG funding requirements identified to date should be considered as preliminary and additional resources may be required as the IJCSG develops its analysis procedures and processes. At this time, \$2.05M in required support has been identified. The Munitions and Armaments subgroup has issued a request, through the Army chain, for \$900K for contractor support. The Ship Overhaul and Repair subgroup estimates their funding requirement through May of 2005 at \$1.15M. This figure breaks down as follows:

| Civilian (accelerated salaries): | \$680K      |
|----------------------------------|-------------|
| Contractor support:              | 300K        |
| Travel:                          | 50K         |
| Office space and misc:           | <u>120K</u> |
| Total:                           | \$1.15N     |

The Maintenance subgroup has not identified any additional funding requirements to date. They do anticipate that there may be a requirement for contractor support however, during the data collection and analysis phases.

## Section 2: Approach to Capacity Analysis

The disparate nature of the functions being analyzed by the IJCSG does not lend itself to a "one size fits all" analytic approach. The throughput of a manufacturing entity is viewed and measured very differently than that of a maintenance facility, and ship repair offers yet another set of unique functions. There are some overlaps, of course, but in order to conduct meaningful industrial capacity analyses, ammunition and armaments, maintenance and ship repair are best initially analyzed as discrete functions.

The three subgroups have been working to develop definitions in order to avoid seams and overlap during the analysis process. For the most part, the BRAC 95 definition of terms developed by the Maintenance Joint Cross Service Group was used as a baseline. Those definitions were adapted to meet the requirements of the individual subgroups and the IJCSG (Attachment 1).

With one exception, the following common definition for maximum capacity was adopted for use by the IJCSG:

The maximum workload that could be performed assuming:

- (a) No additional major Military Construction to that already funded through the FY 04 Appropriations Act
- (b) Capacity measured on a 40 hour workweek baseline
- (c) Skilled workforce is available
- (d) Support equipment/workstations comes with transferred workload
- (e) Existing work continues to be preformed
- (f) Under utilized facilities/space can only be counted once for an optimal work mix

The processes differences between manufacturing and maintenance functions required a slight variation on the maximum capacity definition for munitions manufacturing. For those functions, the following definition will apply:

Maximum Capacity: Using current capacity as a baseline, maximum capacity is the total monthly output attainable running a 1-8-5 shift basis, with full utilization of <u>ALL LINES</u> or <u>workstations</u>, active and inactive. Maximum capacity INCLUDES hiring skilled labor and reactivation of inactive lines, but EXCLUDES facility expansion. The capacity considers current product mix of items being produced and CANNOT EXCEED the maximum capacity of a 40 hour workweek.

## **Munitions and Armaments**

The following are the assumptions being utilized to develop the attributes and metrics:

- Everything is on the table
- The subgroup will look at ammunition and armaments in totality
- Large ammunition and armaments includes missiles
- The analysis will look at reduction, relocation, and rationalization

The attributes that best depict the physical and operational characteristics of the armament and ammunition function and the metrics that that will be used to measure the capacity of those attributes can be arrayed as follows:

| Metrics                                  | 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--|----|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| Universal Munitions & Armaments Attribut | es |   |   | _ |   | , |   |   |   |    |    |    |    |    |    |
| Production Capacity                      | X  | X |   | X |   | X | X | X | x |    | X  | X  | x  |    |    |
| Demilitarization Capacity                | X  | x |   | X |   | X | x | X | x |    | x  | x  |    |    |    |
| Renovation/Rework/Surveillance           | X  | x |   | x |   | x | x | x | X |    | X  | X  | x  |    |    |
| Explosive and Inert Storage              | X  | x | x | X |   |   | X |   | X |    | X  |    |    |    | x  |
| Enterprise Architecture                  |    |   |   | X |   |   |   |   |   |    |    |    | X  |    |    |
| Infrastructure Condition/Readiness       |    |   | X | x |   | x |   |   |   |    |    |    |    |    |    |
| Environmental                            |    |   |   |   |   |   |   |   |   |    |    |    |    | x  | X  |
| Safety (Expl., Env., Occup.)             |    | X |   |   |   |   |   |   |   |    |    |    |    | х  | X  |
| Specialized Capabilities                 |    |   |   |   | x |   |   |   |   | x  | X  | x  |    |    |    |
| Deployment Network                       | x  |   | x | X |   |   | X | X | X |    | X  |    |    |    |    |
| Manufacturing flexibility                | X  |   |   |   | X | x |   |   |   |    |    |    |    |    |    |

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## **Propellants & Explosives Unique**

'vailability of Natural Resources

## Munitions and Armaments Metrics Unit of Measure

- 1. Square footage and acreage
- 2. Number of safety waivers
- 3. Outloading capability
- 4. Age of facility
- 5. Number and types of commodities produced/renovated/reworked
- 6. Equipment uptime
- 7. Available vs utilized space
- 8. Maximum vs current throughput capability
- 9. Explosive vs inert storage capability
- 10. Percentage of workforce with specialized skills
- 11. Joint customer mission supported
- 12. Military unique processes
- 13. Industrial manufacturing certification levels
- 14. Buildable acreage
- 15. Encroachment

Self-explanatory Self-explanatory

Tons/Day

Self-explanatory Self-explanatory

Percentage of available time
Raw space and/or percentages

Units(each/pounds for P&E)/Timeframe(day, week, mor

Sq. footage

Raw #s / percentage

Self-explanatory

# of processes for which there is no other capability

Self-explanatory

Amount of buildable acreage within installation boundar

Amount of buildable acreage outside installation

boundaries (account for QD arcs)

The subgroup will use the following standards to determine current and maximum capacity:

- Deployment network and distribution analysis
- DoD 4151.18H Depot Maintenance Capacity and Utilization Measurement Handbook
- NAVSEA Infrastructure Analysis model
- DoD 5000.60 Defense Industrial Capabilities Assessments
- DoD 5000.60-H Assessing Defense Industrial Capabilities

There are no over-arching DoD wide surge requirements for munitions and armaments. This is a function of the individual Services. Using current capacity as the baseline and maximum capacity as the most that a facility can produce, surge becomes a factor of the two and is driven by requirements. Known surge requirements are as follows:

- Marine Corps: Ammunitions requirements are based on a Total Munitions Requirements
  (TMR). When there is a contingency, an OPLAN from the war fighters augment or
  update the plan to what is needed to support a war.
- Navy: Does not have written, doctrinal guidance on which to base surge requirement.

- Air Force: Does not have a source for surge requirements
- Army: Ammunitions requirement are based on a budget document called a P-20.
   Includes requirements to maintain and replenish ammunition. During a contingency, an OPLAN from the war fighters augment or updates the plan to what is needed. Scenarios are run to determine what to buy to support a war.

## Maintenance

The Maintenance subgroup will address the maintenance function from both depot maintenance and combat field support (intermediate-level maintenance). The attributes of these functions will be further categorized into commodity groups. The commodity groups are based on the DoD work breakdown structure already used to report the Services' depot maintenance capabilities in various forums. These commodity groups depict the physical and operational characteristics of both depot maintenance and combat field support maintenance activities and are listed below:

| Aircraft | Airframes   |
|----------|-------------|
| Ancian   | Allifallies |

Rotary VSTOL

Cargo/Tanker Fighter/Attack Bomber

Aircraft - Other

**Aircraft** Components

**Dynamic Components** 

Hydraulic Pneumatic Instruments Landing Gear Aviation Ordnance Avionics/Electronics

Structures

**Aircraft** Engines

Engine Exchangeable/Components

APU/GTE/ATS/SPS/GTC

**Ground Vehicles** Combat Vehicles

Amphibious Vehicles

Tactical (wheeled) Vehicles Construction Equipment

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Material Handling Engines/Transmissions Powertrain Components

Starters/Alternators/Generators

Armament and Structures

Fire Control Systems and Components

## **Communications/Electronic Equipment**

Radar Radio Wire

Electronic Warfare Navigational Aids

Electro-Optics/Night Vision

Crypto Computers

## **Support Equipment**

**GSE** 

Generators TMDE Calibration

## Ordnance, Weapons, & Missiles (Non-explosive components)

Conventional Weapons

Small Arms/Personal Weapons

Strategic Missiles Tactical Missiles

## Software

Weapon System Support Equipment

## Fabrication/Manufacturing

## **Industrial Plant Equipment**

## **Depot Fleet/Field Support**

There are several major metrics that will be applied initially against the attributes to develop the depot capacity analysis: Total Capacity, Required Capacity, Maximum Capacity, and Workload. These initial metrics will be further refined, as necessary, to describe how the capacity analysis methodology will be accomplished at each maintenance activity.

## **Capacity Metrics - Direct Labor Hours**

- Total Capacity Index
- Required Capacity Index
- Maximum Capacity

## Workload Metrics - Direct Labor Hours

- Total
- Core
- Directed
- Last source
- Etc.

The physical capacity metric is derived from DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoDD 4151.18H. This handbook measures capacity in terms such as the total capacity index, and the required capacity index. The maximum capacity construct adopted by the working group is the extent to which operations, by commodity group, could be expanded for a maintenance activity based on the current and future planned workload mixes assuming:

- (a) No additional major Military Construction to that already funded through the FY04 Appropriations Act
- (b) Capacity measured on a 40 hour workweek baseline
- (c) Skilled workforce is available
- (d) Support equipment/workstations comes with transferred workload
- (e) Existing work continues to be performed
- (f) Under utilized facilities/space can only be counted once for an optimal work mix

For each maintenance activity, the workload metric will consider the total workload being accomplished, the amount of workload needed to preserve a surge capability (i.e., the ability to preserve wartime capability requirements), and workload directed by Foreign Military Sales and State Department agreements.

The JCS scenarios for wartime/contingency will be the basis for the wartime requirement. The surge requirement is based on the ability to go from peacetime to wartime operations. The peacetime operations are based on a 40-hour workweek while the wartime operations are based on a 60-hour workweek (no additional augmentation: facilities, equipment, and personnel). The surge requirement is the delta between peacetime and wartime capability requirements.

## Combat Field Support (Intermediate-Level Maintenance)

To ensure critical deployable combat field and Intermediate level maintenance capabilities are maintained, the only combat field support/intermediate maintenance activities that will be considered contain: non-deployable maintenance personnel and non-deployable equipment that reside in fixed infrastructure. Combat field support has several major metrics that will be applied initially against the attributes to develop the capacity analysis: physical capacity, workload, manpower, and the relations to support combat deployable organizations. These initial metrics will be further refined, as necessary, to describe how the capacity analysis methodology will be accomplished at each maintenance activity.

The Physical capacity is based on the actual facilities available to perform maintenance work for each of the various commodity groups. Workload is the amount of maintenance and repair work being accomplished by these non-deployable organizations. This includes the all work being provided for other activities not assigned to these organizations. Since these organizations have manpower consisting of military, civilian, and contractors therefore, total manpower will be considered. To ensure timely support to the deployable forces the locations of critical maintenance and repair support capacity will be ascertained.

## Ship Overhaul and Repair

For the capacity analysis, the Ship Overhaul and Repair function is divided by ship type attributes and principal characteristics. The ship types chosen are based on the standard DoD work breakdown structure: Aircraft Carriers and other Large Deck Ships, Submarines, and Other Surface Ships and Craft, combatant and noncombatant. Since the Navy also employs Moored Training Ships and land-based sites in support of nuclear propulsion testing and training,

and since the nuclear-capable shipyards support these sites, they are also included within this scope.

The principal installation characteristics to be measured are skilled workforce, facilities and support equipment. These three characteristics will be further broken down by ship maintenance skilled manpower elements such as structural, mechanical, electrical, nuclear refueling, combat systems and launchers. Facilities will include dry docks, rail access, piers, large fixed and portal cranes, forges, foundries, etc. Support equipment will include large machines in shops, special tools, etc. This capacity methodology does not address shipboard equipment, which is sent to remote public or private installations for maintenance and repair, such as special electronic equipment.

The metrics will be selected from the eight notional metrics approved by the Principal Deputy Under Secretary of Defense (Acquisition, Technology and Logistics) in the March 31, 2003 Industrial JCSG Report. These are:

- Asset Utilization
- Availability (Operational and Geographic)
- Responsiveness and Flexibility
- Number of Joint Industrial Enterprises established
- Capacity, Workload and Capabilities
- Facilities and Equipment
- Costs (to include environmental aspects)
- Mission Expertise and Workforce Expertise

The following matrices depict how this analysis will be conducted. The cells will be populated with the appropriate data based upon the selected metrics; not all matrix cells will be populated with data.

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|--------------------------|------------|-----|---------|-----|---------------|-----|---------|-----|---------|-------------|-------------------|---------------------|---------------------|----------------------|
| Platform                 | Structural | V   | alves   |     | штрѕ          |     | iping   | 01  | her     | Electrical  | Combat<br>Control | Guns &<br>Launchers | Radar, EW<br>& Elex | <br>Other<br>Systems |
|                          |            | Nuc | Non-Nuc | Nuc | Non-Nuc       | Nuc | Non-Nuc | Nuc | Non-Nuc |             | Control           | Launchers           | & Elex              | зуметь               |
| Large Deck               |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| CYN/CY                   |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| LHA/LHD                  |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| :                        |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| Submarine                |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| SSN                      |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| 68B/68BI                 |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| :                        |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| SSBN                     |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| SSGN                     |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| MTS                      |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| Other Surface            |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| CG/DDG                   |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| :                        |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| Amphibs                  |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| Non-Combatant            |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| Land-Based<br>Facilities |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |
| :                        |            |     |         |     |               |     |         |     |         |             |                   |                     |                     |                      |

| Fauinment                         |           |            |                 | O/I     | I, Main         | tenance | , Repa | ir & Flee  | t Support   | Facilities            |                  |            |          |   |       |
|-----------------------------------|-----------|------------|-----------------|---------|-----------------|---------|--------|------------|-------------|-----------------------|------------------|------------|----------|---|-------|
| Equipment                         |           |            | - <del> </del>  |         |                 | eps     |        |            |             | Nuclear               | Piers /          | Engineerng | Lay-down |   | Other |
| Capabilities                      | Dry Docks | Electrical | Ship<br>Fitting | Machine | Pipe<br>Fitting | Foundry |        | Periscopes | Calibration | Support<br>Facilities | Moorage<br>Space | Spaces     | Space    |   | Other |
| Lilfting<br>Capability            |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Portal Cranes                     |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Fixed Cranes                      |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Mobile Cranes                     |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Rail Access                       |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Environmental<br>Permits          |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Non-Nuclear                       |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Nuclear                           |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Heavy<br>Industrial<br>Capability |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Light Industrial<br>Capabnility   |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| Product Testing                   |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |
| :                                 |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          | *************************************** |       |
| Other                             |           |            |                 |         |                 |         |        |            |             |                       |                  |            |          |   |       |

The Ship Overhaul and Repair subgroup data calls will address the installations which perform this function. However, as part of seeking joint solutions (such as back-shop cross service

utilization) later in the BRAC process, the capacity analysis will need to include the data received from other DoD installations.

Contrary to the BRAC 95 definition, shipyards are effectively limited in maximum potential capacity by skilled manpower. In today's world there is no readily available pool of manpower with the sophisticated skills required to perform controlling-path work on nuclear-powered warships. It requires up to eight years training, and qualifying some of these craftsmen, which is similar to the time required to build a nuclear-powered aircraft carrier-capable dry dock. Therefore, this subgroup strongly considers that a realistic and defendable capacity analysis must treat skilled manpower similarly to MILCON-funded facilities, recognizing the restraints that depots now face accommodating changing work-load demands. A related restriction in workstation optimization is submarine space restriction, which limits the amount of coincident work that can be performed.

The process for determining capacity will be based on DoD 4151.18-H, Depot Maintenance Capacity and Utilization Measurement Handbook, dated January 24, 1997, as subsequently modified on September 30, 1999 and October 4, 2001.

The definition of the Navy's ship maintenance surge requirement is contained in the Fleet Readiness Plan. Surge is related to reserve capacity; however, in the case of shipyards, because they are normally loaded to their maximum single-shift capacity (to ensure efficiency), surge capability is normally limited to the use of overtime and delaying previously planned work. Data questions will be developed to address this current situation, such as, "For controlling path skilled work, how long does it take to substantially increase skilled manpower to provide surge?" Some of the above data will addressed during the Military Value development phase.

## **Section 3: Data Questions**

Each of the subgroups developed data call questions in order to develop sufficient data to perform a capacity analysis. The questions are designed to capture information on where functions are being performed, how much workload is being accomplished and its relationship to existing and maximum capacity. The data call questions are attached and are identified by subgroup.

## **Section 4: Issues Impacting Analysis**

Each of the subgroups has identified two specific sections of title 10 United States Code as potentially having significant impact on BRAC analysis; title 10 USC §2464 (commonly referred to as the "Core Law") and 10 USC §2466 (commonly referred to as the "50/50 Law"). Each of these sections impact the demand, or requirement side of capacity and potentially impacts our determination of potential available capacity.

Title 10 USC §2464 requires that DoD maintain a core logistics capability that is Government-owned and Government-operated (including Government personnel and Government-owned and Government-operated, equipment, and facilities) to ensure a ready and controlled source of technical competence and resources necessary to ensure effective and timely response to a mobilization, national defense contingency situations, and other emergency requirements.

10 USC §2466 requires that not more than 50 percent of the funds made available in a fiscal year to a military department or a Defense Agency for depot-level maintenance and repair workload may be used to contract for the performance by non-Federal Government personnel of such workload for the Military Department or the Defense Agency. Any such funds that are not used for such a contract shall be used for the performance of depot-level maintenance and repair workload by employees of the Department of Defense. The Secretary of Defense may waive the limitation for a fiscal year for reasons of national security. In this case the Secretary must submit a notification to Congress with the reasons for a waiver. Also, the Secretary may not delegate the authority for a waiver.

It is recognized that there are other statutes that may impact this process in later phases and they will be addressed at the appropriate time.

## Attachments:

- 1. Working Definitions
- 2. Standard Data Call for Industrial Joint Cross Service Group, Munitions and Armaments Subgroup Capacity Questions
- 3. Standard Data Call for Industrial Joint Cross Service Group, Maintenance Subgroup Capacity Questions
- 4. Standard Data Call for Industrial Joint Cross Service Group, Ship Overhaul and Repair Subgroup Capacity Questions

## BRAC-2005 Industrial Joint Cross Service Group

## **WORKING DEFINITIONS**

November 13, 2003

## Armaments

All war-making weaponry and machinery, and the associated special tools and equipment required for these items to function as total war-fighting systems.

## **Buildable Acres**

The number acres within the confines of the specified DoD/Service establishment that are currently available and usable for vertical or horizontal construction for the expansion or construction of maintenance, or maintenance support facilities / structures.

## Capability

The combination of trained people (skills), facilities and equipment, processes, and technology that provides the ability to execute depot and intermediate maintenance.

## Capacity, Total

The amount of maintenance workload, expressed in direct labor hours, that a facility can effectively produce annually in a single shift, 40-hour work week, while producing the product mix that the facility is designated to accommodate.

Note: The DoD components shall compute maintenance capacity utilization using measurement techniques specified in DoDD 4151.18H and supplemental guidance (30 Sept 99) and (4 Oct 2001): "Depot Maintenance Capacity and Utilization Measurement Handbook".

## **Capacity, Current (For Munitions Manufacturing Only)**

Current Capacity is the expected monthly output from utilization of all active lines or workstations running a 1-8-5 shift under current operating conditions.

## **Capacity, Current Usage (For Munitions Manufacturing Only)**

Current Usage is the expected monthly output from that portion of the current capacity that is actually in use.

## Capacity, Maximum (For Munitions Manufacturing Only)

Using current capacity as a baseline, maximum capacity is the total monthly output attainable running a 1-8-5 shift, with full utilization of ALL lines or workstations, active and inactive. Maximum capacity INCLUDES hiring skilled labor and reactivation of inactive lines, but EXCLUDES facility expansion.

## **Centers of Industrial and Technical Excellence (CITEs)**

Those depot level activities designated as CITE. CITEs may enter into public-private partnerships for performance of depot maintenance core competencies. These partnerships shall be in support of the objectives identified in subsection (b) (2) of Title 10 USC Section §2474.

Note: In addition to Section §2474, partnerships and depot operations will comply with all other statutes that may apply to the specific situation and with Secretary of Defense policy promulgated by: DUSD (L&MR) memo of 30 Jan 02; Subj: Public-Private Partnerships for Depot Maintenance.

## **Commodity Groups**

The means of characterizing into generic groups based on an "end item" or weapon system perspective.

Note: Groups based on the work breakdown structure (WBS) from the DUSD (L&MR) November 10, 2003 Memorandum, Implementation of Depot Maintenance Core Policy and Methodology.

## **Components**

End item assemblies or sub-assemblies for which depot or intermediate maintenance is provided (e.g., avionics/electronics, black boxes, hydraulic pumps, landing gear, engine, transmission, and starters).

## Combat Field Support/Intermediate Level Maintenance

Combat field support/intermediate maintenance capabilities that are within Service operational units/locations/installations, includes limited repair of commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair of printed circuit boards, software maintenance, and fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, when approved by higher levels.

Note: To ensure critical deployable combat field and Intermediate level maintenance capabilities are maintained the combat field support/intermediate maintenance activities that will answer these BRAC 2005 questions must meet the following criteria: **non-deployable maintenance personnel and non-deployable equipment** that reside **in fixed infrastructure**.

## Core

The logistics capability maintained for the national defense by the Department of Defense activities (including personnel, equipment, and facilities) to ensure a ready and controlled source of technical competence and resources necessary to ensure effective and timely response to a mobilization, national defense contingency situations, and other emergency requirements.

Note: IAW - Title 10 USC §2464 requires the Department of Defense (DoD) maintain a core logistics capability that is government owned-government operated including Government personnel and Government-owned and Government-operated equipment and facilities. "Core" is the logistics capability for weapon systems and other military equipment needed to support Joint Chiefs of Staff (JCS) strategic and contingency plans and scenarios. This ensures a ready and controlled source of technical competence and the other resources necessary to provide an effective and timely response to a mobilizations, national defense contingency situations and emergent requirements. The size of organic depot "Core" capability is based on the Joint Chiefs (JCS) combat contingency scenario(s) and Defense Planning Guidance.

## Demilitarization

Demilitarization is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armaments. The term includes, but is not limited to, mutilation; scrapping; melting; burning; washout; steam-out; incineration; or alteration designed to prevent the further use of the equipment and/or material for its originally intended military or lethal purpose, and applies equally to material in unserviceable or serviceable condition that has been screened through an Inventory Control Point and declared excess.

## **Depot Maintenance**

Materiel maintenance and repair requiring overhaul, upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as necessary, regardless of the source of funds for the maintenance or repair at a government owned activity.

Note: The term includes (1) all aspects of software maintenance as depot-level maintenance and repair, and (2) interim contractor support (ICS) or contractor logistics support (CLS) (or any similar contract support), to the extent that such support does not include (1) the procurement of major modifications or upgrades of weapon systems that are designed to improve program performance, (2) nuclear refueling of an aircraft carrier, and (3) procurement of parts for safety

modifications (depot-level maintenance and repair does include the installation of parts for safety modifications).

## **Direct Labor Hour**

One hour of direct work (e.g., touch labor or other directly attributed effort). A common metric for measuring maintenance workload or capacity.

## Efficiency/Economy Workload

The amount of workload in direct labor hours added to the core sustaining workload to ensure cost efficiency and technical competency.

## **End Item**

A final combination of end products, component parts, and/or material that is ready for its intended use e.g., tanks, ship, aircraft. For the purpose of BRAC analysis major assemblies, engines, missiles, etc. will be included.

## **Environmental Capacity**

The value identified in each Environmental Compliance Permit/thresholds associated with Depot Maintenance.

## **Explosive Ordnance**

All munitions containing explosives. This includes but is not limited to bombs and warheads; guided and ballistic missiles; artillery, mortar, rockets (shoulder fired), and small arms ammunition; all mines, torpedoes, and depth charges; demolition charges; pyrotechnics; clusters and dispensers; cartridge and propellant actuated devices; electro-explosive devices; clandestine and improvised explosive devices; and all similar or related items or components explosive in nature.

## **Industrial Base**

Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance, rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency material requirements. The portion

of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned, contractor-operated (GOCO) facilities.

## Interservicing

Maintenance workload of one Service or DoD Agency performed by another Service or DoD Agency.

## Last Source of Repair

The situation where an organic activity becomes the only available source of repair for an item or system. Note: During contracting effort there were no best value offers or interest

## **Maximum Capacity**

The maximum potential workload that can be accomplished within approved facility category codes for maintenance. Assuming:

- No additional Military Construction (MILCON) to that already funded through the FY04 Appropriations Act programmed in the Service POM
- Capacity measured on a 40 hour workweek baseline
- Skilled workforce is available
- Support equipment/workstations comes with transferred workload
- Existing work continues to be preformed
- Under utilized facilities/space can only be counted once for an optimal work mix

## Mine

1. In land mine warfare, an explosive or material, normally encased, designed to destroy or damage ground vehicles, boats, or aircraft, or designed to wound, kill, or otherwise incapacitate personnel. It may be detonated by the action of its victims, by the passage of time, or by controlled means. 2. In naval mine warfare, an explosive device laid in the water with the intention or damaging or sinking ships or of deterring shipping from entering the area. The term does not include devices attached to the bottom of ships or to harbor installations by personnel operating underwater, nor does it include devices that explode immediately on expiration of a predetermined time after laying.

## Munition

A complete device charged with explosives, propellants, pyrotechnics, or initiating composition for use in military operations, including demolitions. Certain suitable modified munitions can be

used for training, ceremonial, or non-operational purposes. Also called ammunition. (Note: In common usage, "munitions" [plural] can be military weapons, ammunition, and equipment.)

## Modifications/Upgrades

Modifications and upgrades are changes to systems and equipment for safety reasons, to correct a deficiency, or to improve program performance. A modification is a change to a system that is still being produced; an upgrade is a change to a system that is out of production. DoD Financial Management Regulation Volume 6, Chapter 14

## **Non-Core Sustaining Workload**

Depot maintenance workloads that do not directly support core capability requirements. This may include FMS, directed workload by the state department (other than FMS), Last Source of Repair, other Federal agencies and Partnerships under Title 10.

## **Ordnance**

Explosives, chemicals, pyrotechnics, and similar stores, e.g., bombs, guns, ammunition, flares, smoke, and napalm.

## **Public-Private Partnerships**

An agreement between an organic maintenance activity and one or more private industry or other entities to perform work or utilize facilities and equipment. Program offices, inventory control points, and materiel/systems/logistics commands may also be parties to such agreements or be designated to act on behalf of organic maintenance activities.

## **Required Capacity**

Is capacity expressed in DLH, required by a shop or depot to support funded workload requirements and provide essential core capabilities.

## Software

A set of computer instructions and data, structured into programs and into associated documentation on the design implementation, test support, and operation of those programs.

## **Software Maintenance**

Those activities necessary to correct errors in the software changes; delete features; and modify software to be compatible with hardware changes.

## **Software Support**

Those activities necessary to develop or modify programs made to meet specified requirement for a weapon system or test equipment (regardless of hardware changes).

## **Surge (for non-ship maintenance)**

Ability to go from peacetime to wartime operations where the peacetime operations are based on a 40-hour workweek and wartime is based on a 60-hour workweek with no additional augmentation (facilities, equipment, and personnel). Surge is the delta between peacetime and wartime workload requirements.

## **Surge for Ship Maintenance**

Ability to go from peacetime to wartime operations where the peacetime operations are based on a 40-hour workweek plus normal peacetime overtime and wartime operations are based on increasing average overtime to 25% (controlling-path work goes to 50% overtime or higher as necessary) and delaying non-critical work.

## Test, Measurement and Diagnostic Equipment (TMDE)

Any system or device used to evaluate the operating condition of a component, subsystems, a system or equipment to identify or isolate any actual or potential malfunction. TMDE includes the following:

Automatic Test Equipment (ATE): Equipment designed to automatically evaluate the degree of unit under test (UUT) performance degradation, and may be used to perform fault isolation of UUT malfunctions.

Test Program Set (TPS): The combination of interface devices, software test programs, operational test program instruction, and documentation that allows the ATE and/or TMDE operator to perform the testing and/or diagnosis action on the UUT.

## Workload

An amount of maintenance work usually specified in direct labor hours. It relates to specific weapon systems, equipment, components or programs and to specific services, facilities and commodities. It is the total of maintenance workload that arises from all sources to support Service operations and other commitments. It is driven by peacetime operations factors as well as by readiness needs to include workloads such as FMS/Interservice and direct reimbursement programs.

## Weapon(s) System

A combination of one or more weapons with all related equipment; materials; services; personnel; and means of delivery and deployment, as required for self-sufficiency.

## JCSu: Industrial

Sub Group: Armament & Munitions

Index: Industrial: Munitions and Armaments: Armaments Demilitarization: Capacity

## Reference #44: Armaments Demilitarization Capacity by Product

Question: Answer the following questions only if you perform any form of armaments demilitarization

- demilitarization operations. 1) For the products listed in the table below, indicate by "Y" (yes) or "N" (no) whether your facility has the necessary permits to perform
- 2) Indicate by "Y" (yes) or "N" (no) whether each demil methodology listed is used to perform demilitarization:

-Cut

-Melt

- -Weld
- defined as the expected monthly output from utilization of all active lines or workstations running a 1-8-5-shift basis, under current operating 3) For current capacity columns, enter the current capacity amount in the appropriate column ("EA" (each) or "Short Tons"). Current capacity is
- 4) For current usage columns, enter the current usage amount in the appropriate column ("EA" (each) or "Short Tons"). Current usage is defined as the expected monthly output from that portion of the current capacity that is actually in use (as of end of 4th Qtr FY03).
- capacity as a baseline. Maximum capacity is defined as the total monthly output attainable running a 1-8-5-shift basis, with full utilization of ALL 5) For maximum capacity columns, enter the maximum capacity amount in the appropriate column ("EA" (each) or "Short Tons") using current facility expansion. lines or workstations, active and inactive. Maximum capacity INCLUDES hiring skilled labor and reactivation of inactive lines, but EXCLUDES

depot- and intermediate-levels as defined below. short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow and Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-

## Definitions:

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned, rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance,

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes. Munitions. A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

Demi serviceable condition that has been screened through an inventory control point and declared excess. the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prevent zation. Demil is the act of destroying the military offensi defensive advantages inherent in certain types of munitior. armamei

For specific definitions, see the OSD BRAC library.

Example of how your grid will look

| Systems | Armament | Aircraft | Armaments | Large Caliber | Reduction | Radioactive | Components for | Equipment | Contaminated | Containers | Contaminated | Small Arms |          |           |          | Product   Permit   Metl |
|---------|----------|----------|-----------|---------------|-----------|-------------|----------------|-----------|--------------|------------|--------------|------------|----------|-----------|----------|-------------------------|
|         |          |          |           |               |           |             |                |           |              |            |              |            |          |           | (Yes/No) | Permit                  |
|         |          |          |           |               |           |             |                |           |              |            |              |            | (Yes/No) | Cut       | Demil -  | Method of               |
|         |          |          |           |               |           |             |                |           |              |            |              |            | (Yes/No) | Melt      | Demil -  | Method of               |
|         |          |          |           |               |           |             |                |           |              |            |              |            | (Yes/No) | Weld      | Demil -  | Method of               |
|         |          |          |           |               |           |             |                |           |              |            |              |            |          | (Ea)      | Capacity | Current                 |
|         |          |          |           |               |           |             |                |           |              |            |              |            | Tons)    | (Short    | Capacity | Current                 |
|         |          |          |           |               |           |             |                |           |              |            |              |            |          | (Ea)      | Usage    | Current                 |
|         |          |          |           |               |           |             |                |           |              |            |              |            | Tons)    | (Short    | Usage    | Current                 |
|         |          |          |           |               |           |             |                |           |              |            |              |            |          |           |          | Maximum                 |
|         |          |          |           |               |           |             |                |           |              |            |              |            |          | (Short To | Capacity | Maximum                 |

# Index. ،ndustrial: Munitions and Armaments: Armamer،،ن Production Capacity: Total Capacity

# Reference #37: Armaments Production Total Capacity Index by Armament Commodity Group

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H explanation if Total Capacity index changes from one fiscal year to another (such as, change in equipment, facilities, process, hours worked, etc.). expressed in direct labor hours (DLHs) in the table below by production items for the Fiscal Years requested (Use actuals for FY03 and projections be calculated in accordance with the DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H. Provide for outer years). Limit changes to those approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts. The Capacity Index will Question: Calculate the Total Capacity Index for the production processes applicable to the work done at your installation. Provide your answers

depot- and intermediate-levels as defined below. short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow and Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-

## Definitions:

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes Munitions. A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

fighting systems. Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

serviceable condition that has been screened through an inventory control point and declared excess the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable or The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prevent Demilitarization. Demil is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armaments

For specific definitions, see the OSD BRAC library. *Example of how your grid will look* 

| Commodity Family            | FY03 (DLH | FY03 (DLH   FY04 (DLH   FY05 (DLH | FY05 (DLH | FY09 (DLH | FY Total Capacity Index Variance |
|-----------------------------|-----------|-----------------------------------|-----------|-----------|----------------------------------|
|                             | (K))      | (K))                              | (K))      | (K))      | Explanation (Text)               |
| Small Arms Gauges           |           |                                   |           |           |                                  |
| Other Small Arms/Components |           |                                   |           |           |                                  |
| 105mm Towed Artillery       |           |                                   |           |           |                                  |
| 155mm Towed Artillery       |           |                                   |           |           |                                  |
| 155mm SP Artillery          |           |                                   |           |           |                                  |
| Cannon Tubes/Components     |           |                                   |           |           |                                  |

|  |  | Aircraft Suspension Equipment |
|--|--|-------------------------------|
|  |  | Weapons Launchers             |
|  |  | Weapons Pylons                |
|  |  | Aircraft Armament Adapter     |
|  |  | Aircraft Armament Racks       |
|  |  | M24 (OD)                      |
|  |  | M102 (105mm) ACFT             |
|  |  | M61A2 (20mm)                  |
|  |  | M61A1 (20mm)                  |
|  |  | M2A1 (40mm)                   |
|  |  | GAU-18 (.50cal)               |
|  |  | GAU-12                        |
|  |  | GAU-8                         |
|  |  | GAU-2                         |
|  |  | Other Products                |
|  |  | Other Combat Support Systems  |
|  |  | Ammunition                    |
|  |  | Gauges for Large Caliber      |
|  |  | Tool Sets                     |
|  |  | Armour Combat Support Systems |
|  |  | FRS Combat Support System     |
|  |  | CMTH Combat Support System    |
|  |  | Vehicle/Components            |
|  |  | Other Combat                  |
|  |  | Gun Mounts                    |
|  |  | AAAV Combat Vehicle           |
|  |  | Stryker FOV Combat Vehicle    |
|  |  | BFV FOV Combat Vehicle        |
|  |  | M1 FOV Combat Vehicle         |
|  |  | M60 FOV Combat Vehicle        |
|  |  | Other Mortar/Components       |
|  |  | 120mm Mortar                  |
|  |  | 81mm Mortar                   |
|  |  | 60mm Mortar                   |
|  |  | Fiel                          |
|  |  | Reco joil Components          |
|  |  |                               |

# Index: Industrial: Munitions and Armaments: Armaments Production: Maximum Capacity

# Reference #41: Armaments Production Maximum Capacity Index by Armament Commodity Group

those approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts. factors as outlined in Chapter 2, DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoDD 4151.18H. Limit changes to Question: Calculate the Maximum Capacity in direct labor hours (DLHs) in the table below by commodity groups and functions. Use the standard

The definition for Maximum Capacity is defined as the workload that could be accomplished within the following constraints

- No additional Military Construction (MILCON) to that already funded through the FY 04 National Defense Appropriations Act
- · Capacity is measured on 40-hour workweek baseline
- Skilled workforce is available/can be obtained
- Support equipment/workstations come with transferred workload
- Existing work continues to be performed
- Underutilized facilities/space can only be calculated once for an optimal work mix

# Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H

depot- and intermediate-levels as defined below. short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow and Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-

## Definitions

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes. Munitions. A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

serviceable condition that has been screened through an inventory control point and declared excess. the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable or Demilitarization. Demil is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armaments fighting systems. The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prevent

For specific definitions, see the OSD BRAC library.

| in Possession Promotion Only                                      | ם ה ה דון      |  |
|---|----------------|--|
|   |                | M102 (105mm) ACFT                                |
|   |                | M61A2 (20mm)                                     |
|   |                | M61A1 (20mm)                                     |
|   |                | M2A1 (40mm)                                      |
|   |                | GAU-18 (.50cal)                                  |
|   |                | GAU-12   |
|   |                | GAU-8  |
|   |                | GAU-2  |
|   |                | Other Products                                   |
|   |                | Other Combat Support Systems                     |
|   |                | Gauges for Large Caliber Ammunition              |
|   |                | Tool Sets  |
|   |                | Armour Combat Support Systems                    |
|   |                | FRS Combat Support System                        |
|   |                | CMTH Combat Support System                       |
|   |                | Other Combat Vehicle/Components                  |
|   |                | Gun Mounts                                       |
|   |                | AAAV Combat Vehicle                              |
|   |                | Stryker FOV Combat Vehicle                       |
|   |                | BFV FOV Combat Vehicle                           |
|   |                | M1 FOV Combat Vehicle                            |
|   |                | M60 FOV Combat Vehicle                           |
|   |                | Other Mortar/Components                          |
|   |                | 120mm Mortar                                     |
|   |                | 81mm Mortar                                      |
|   |                | 60mm Mortar                                      |
|   |                | Other Field Artillery/Components                 |
|   |                | Recoil/Recoil Components                         |
|   |                | Cannon Tubes/Components                          |
|   |                | 155mm SP Artillery                               |
|   |                | 155mm Towed Artillery                            |
|   |                | 105mm Towed Artillery                            |
|   |                | Other Small Arms/Components                      |
|   |                | Small Arms Gauges                                |
| FY03 (DLH (K))   FY04 (DLH (K))   FY05 (DLH (K))   FY09 (DLH (K)) | FY03 (DLH (K)) | Exan. I now your grid will took Commodity Family |
|   |                |  |

| Aircraft Suspension Equipment | Weapons Launchers | Weapons Pylons | Aircraft Armament Adapter | Aircraft Armament Racks | M24 |
|-------------------------------|-------------------|----------------|---------------------------|-------------------------|-----|
|                               |                   |                |                           |                         |     |
|                               |                   |                |                           |                         |     |
|                               |                   |                |                           |                         |     |
|                               |                   |                |                           |                         |     |

# Index: ،ndustrial: Munitions and Armaments: Armamen، Production: Required Capacity

# Reference #40: Armaments Production Required Capacity Index by Armament Commodity Group

calculated in accordance with the DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H. Provide explanation should be expressed in direct labor hours (DLHs) by production items for FYs requested (Use actuals for FY03 and projections for outer years). if Required Capacity index changes from one fiscal year to another (change in requirements). Question: Calculate the Required Capacity Index for the production processes applicable to the manufacturing work at your installation. Answers Limit changes to those approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts. The Required Capacity Index will be

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H

short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow depot- and intermediate-levels as defined below. Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-

## Definitions:

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned, rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes. Munitions. A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

serviceable condition that has been screened through an inventory control point and declared excess. the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable Demilitarization. fighting systems. The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to preven Demil is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armame

For specific definitions, see the OSD BRAC library. *Example of how your grid will look* 

| Example of non your Site will look |           |           |           | •         |   |
|------------------------------------|-----------|-----------|-----------|-----------|---|
| Commodity Family                   | FY03 (DLH | FY04 (DLH | FY05 (DLH | FY09 (DLH | FY03 (DLH   FY04 (DLH   FY05 (DLH   FY09 (DLH   FY Required Capacity Index Variance |
|                                    | (K))      | (K))      | (K))      | (K))      | Explanation (Text)  |
| Small Arms Gauges                  |           |           |           |           |   |
| Other Small Arms/Components        |           |           |           |           |   |
| 105mm Towed Artillery              |           |           |           |           |   |
| 155mm Towed Artillery              |           |           |           |           |   |
| 155mm SP Artillery                 |           |           |           |           |   |
| Cannon Tubes/Components            |           |           |           |           |   |
|                                    |           |           |           |           |   |

| Reco   Oil Components  |  |   |  | vinerant saspension Edmbinent    |
|--|--|---|--|----------------------------------|
| Reco         foll Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         120mm Mortar           120mm Mortar         120mm Mortar           M60 FOV Combat Vehicle         MI FOV Combat Vehicle           MF FOV Combat Vehicle         MI FOV Combat Vehicle           BFV FOV Combat Vehicle         MI FOV Combat Vehicle           Gun Mounts         Control           CMTH Combat Support System         FRS Combat Support System           FRS Combat Support Systems         FRS Combat Support Systems           Tool Sets         Support Systems           Gauges for Large Caliber         Ammunition           Ammunition         Caliber           Galut S         Galut S           GAU-12         Galut S           GAU-13         Galut S           MEA (20mm)         M61 A2 (20mm)           M61 A2 (20mm)         M61 A2 (20mm)   |  |   |  | Aircraft Sugnation F             |
| Reco   |  |   |  | Weapons Pylons                   |
| Reco   Solt Components   |  |   |  | Aircraft Armament Adapter        |
| Reco   Solt Components   |  |   |  | Aircraft Armament Racks          |
| Reco   Sol Components   Solmer Field Artillery/Components   Solmer Mortar   Slimm Mortar   Sli |  |   |  | M24 (OD)                         |
| Reco   Soil Components   Solmm Mortar   Slimm Mor |  |   |  | M102 (105mm) ACFT                |
| Reco   Soil Components   |  |   |  | M61A2 (20mm)                     |
| Reco   Soil Components   |  |   |  | M61A1 (20mm)                     |
| Reco   |  |   |  | M2A1 (40mm)                      |
| Colher Field Artillery/Components  |  |   |  | GAU-18 (.50cal)                  |
| Cother Field Artillery/Components  |  |   |  | GAU-12                           |
| Reco   201 Components   201 Components |  |   |  | GAU-8                            |
| Reco   20il Components   20ther Field Artillery/Components   20ther Field Artillery/Components   20ther Mortar   20ther Mort |  |   |  | GAU-2                            |
| Colter Field Artillery/Components   Colter Field Artillery/Components   Colter Mortar  |  |   |  | Other Products                   |
| Coher Field Artillery/Components   Cohmm Mortar  |  |   |  | Other Combat Support Systems     |
| Cother Field Artillery/Components   Comm Mortar   Common Mortar   Common Mortar   Common Mortar   Common Mortar   Cother Mortar/Components   Cother Mortar/Components   Cother Mortar/Components   Cother Mortar/Components   Cother Mortar/Components   Cother Mortar/Combat Vehicle   Cother Mortar/Combat Vehicle   Cother Combat Support System   Cother Cothe |  |   |  | Ammunition                       |
| Reco   |  |   |  | Gauges for Large Caliber         |
| Reco         Joil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         9           120mm Mortar         9           M60 FOV Combat Vehicle         9           MFOV Combat Vehicle         9           BFV FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           Gun Mounts         9           Other Combat Support System         9           PKB Combat Support System         9           Armour Combat Support System   |  |   |  | Tool Sets                        |
| Reco         Joil Components           Other Field Artillery/Components         60mm Mortar           8 Imm Mortar         120mm Mortar           1120mm Mortar         4           Other Mortar/Components         4           M60 FOV Combat Vehicle         4           M1 FOV Combat Vehicle         4           Bry FOV Combat Vehicle         5           Stryker FOV Combat Vehicle         4           Stryker FOV Combat Vehicle         4           Stryker FOV Combat Vehicle         4           Other Combat Vehicle         4           Other Combat Vehicle         4           CMTH Combat Support System         5           PRS Combat Support System         6  |  |   |  | Armour Combat Support Systems    |
| Reco         .cil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         9           120mm Mortar         9           120mm Mortar         9           Other Mortar/Components         9           M60 FOV Combat Vehicle         9           M1 FOV Combat Vehicle         9           BFV FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           Other Combat Vehicle         9           Gun Mounts         9           Other Combat Vehicle         9           CMTH Combat Support System         9   |  |   |  | FRS Combat Support System        |
| Reco         oil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         9           120mm Mortar         9           M60 FOV Combat Vehicle         9           M1 FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           AAAV Combat Vehicle         9           Other Combat Vehicle         9  |  |   |  | CMTH Combat Support System       |
| Reco         Joil Components           Other Field Artillery/Components         0ther Field Artillery/Components           60mm Mortar         0ther Mortar           120mm Mortar         0ther Mortar/Components           M60 FOV Combat Vehicle         0ther Mortar/Components           M1 FOV Combat Vehicle         0ther Mortar/Components           M1 FOV Combat Vehicle         0ther Field Artillery/Components   |  |   |  | Vehicle/Components               |
| Reco         zoil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         81mm Mortar           120mm Mortar         9           Other Mortar/Components         9           M60 FOV Combat Vehicle         9           M1 FOV Combat Vehicle         9           BFV FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           AAAV Combat Vehicle         9           Gun Mounts         9   |  |   |  | Other Combat                     |
| Reco         Joil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         81mm Mortar           120mm Mortar         9           Other Mortar/Components         9           M60 FOV Combat Vehicle         9           M1 FOV Combat Vehicle         9           BFV FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9           AAAV Combat Vehicle         9  |  |   |  | Gun Mounts                       |
| Reco         Soil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         9           120mm Mortar         9           Other Mortar/Components         9           M60 FOV Combat Vehicle         9           M1 FOV Combat Vehicle         9           BFV FOV Combat Vehicle         9           Stryker FOV Combat Vehicle         9  |  |   |  | AAAV Combat Vehicle              |
| Reco         zoil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         9           120mm Mortar         9           120mm Mortar         9           Other Mortar/Components         9           M60 FOV Combat Vehicle         9           M1 FOV Combat Vehicle         9           BFV FOV Combat Vehicle         9  |  |   |  | Stryker FOV Combat Vehicle       |
| Reco         Joil Components           Other Field Artillery/Components         60mm Mortar           81mm Mortar         9           120mm Mortar         120mm Mortar           Other Mortar/Components         9           M60 FOV Combat Vehicle         9           M1 FOV Combat Vehicle         9   |  |   |  | BFV FOV Combat Vehicle           |
| Reco         Soil Components           Other Field Artillery/Components         ————————————————————————————————————   |  |   |  | M1 FOV Combat Vehicle            |
| Reco         Soil Components           Other Field Artillery/Components         ————————————————————————————————————   |  |   |  | M60 FOV Combat Vehicle           |
| Reco       Joil Components         Other Field Artillery/Components       60mm Mortar         81mm Mortar       81mm Mortar         120mm Mortar       9   |  |   |  | Other Mortar/Components          |
| Reco       Joil Components         Other Field Artillery/Components       ————————————————————————————————————   |  |   |  | 120mm Mortar                     |
| Reco       Joil Components         Other Field Artillery/Components       60mm Mortar  |  |   |  | 81mm Mortar                      |
| Reco Soil Components Other Field Artillery/Components  |  |   |  | 60mm Mortar                      |
|  |  |   |  | Other Field Artillery/Components |
|  |  | - |  |                                  |

## Index. ،ndustrial: Munitions and Armaments: Armamen،نs Production: Workload

## Reference #38: Armaments Production Workload by Armament Commodity Group

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H to those approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts. Workload is defined as all funded workload. The expressed in direct labor hours (DLHs) by production items for FYs requested (Use actuals for FY03 and projections for outer years). Limit changes Workload will be calculated in accordance with the DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H. Question: Calculate the Workload for the production processes applicable to the manufacturing work done at your installation. Answers should be

depot- and intermediate-levels as defined below. short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow and Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-

### Definitions

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned, rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

fighting systems Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

serviceable condition that has been screened through an inventory control point and declared excess. the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable or The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prevent Demilitarization. Demil is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armaments

For specific definitions, see the OSD BRAC library.

|                     |   | Other Field Artillery/Components   |
|---------------------|---|------------------------------------|
|                     |   | Recoil/Recoil Components           |
|                     |   | Cannon Tubes/Components            |
|                     |   | 155mm SP Artillery                 |
|                     |   | 155mm Towed Artillery              |
|                     |   | 105mm Towed Artillery              |
|                     |   | Other Small Arms/Components        |
|                     |   | Small Arms Gauges                  |
| (K)) FY09 (DLH (K)) | <br>FY03 (DLH (K))   FY04 (DLH (K))   FY05 (DLH |                                    |
| •                   |   | Example of how your grid will look |

Index: Industrial: Munitions and Armaments: Explosive and Inert Storage: Storage Capacity

Reference #45: Explosive and Inert Storage Capacity

number of waivers your facility has for explosive and inert storage. that takes into consideration structure loss created by pillars, beams, aisle space, etc.) and the utilized net storage capacity. In addition, indicate the Using the table below, for each type of sited storage, iden. le number of structures, the maximum net storage space (t.

short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional depot- and intermediate-levels as defined below. operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow and Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-

### Definitions

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned, rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance,

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes. A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

serviceable condition that has been screened through an inventory control point and declared excess. the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable or The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prevent Demilitarization. Demil is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armaments.

Example of how your grid will look

For specific definitions, see the OSD BRAC library.

| Example of now your grid will look | 111 1000             | -                            |   |                   |
|------------------------------------|----------------------|------------------------------|---|-------------------|
| Type of Storage                    | Number of Structures | Maximum Net Storage Capacity | Utilized Net Storage Capacity   Number of Waivers | Number of Waivers |
| ;                                  | (Count)              | (KSF)                        | (KSF)   | (Count)           |
| CAT I Earth Covered                |                      |                              |   |                   |
| Magazine                           |                      |                              |   |                   |
| CAT II Earth Covered               |                      |                              |   |                   |
| Magazine                           |                      |                              |   |                   |
| Above Ground Magazine              |                      |                              |   |                   |
| Improve Outside                    |                      |                              |   |                   |
| Inert                              |                      |                              |   |                   |
| Other Explosive Storage            |                      |                              |   |                   |
|                                    |                      |                              |   |                   |

Index: Industrial: Munitions and Armaments: Munitions Demilitarization: Capacity

### Reference #43: Munitions Demilitarization Capacity by Munitions MIDAS Classes

Question: Answer the following questions only if you perform any form of munitions demilitarization:

- 1) For MIDAS classes listed in the table below, indicate by "Y" () demilitarization operations.
- 2) Indicate by "Y" (yes) or "N" (no) whether each demil methodology listed is used to perform demilitarization:
- -Open burn/open detonation (OB/OD)
- -Melt-out
- -Wash-out
- -Incineration
- -Reclamation
- defined as the expected monthly output from utilization of all active lines or workstations running a 1-8-5-shift basis, under current operating 3) For current capacity columns, enter the current capacity amount in the appropriate column ("EA" (each) or "Short Tons"). Current capacity is
- the expected monthly output from that portion of the current capacity that is actually in use (as of end of 4th Qtr FY03. 4) For current usage columns, enter the current usage amount in the appropriate column ("EA" (each) or "Short Tons"). Current usage is defined a
- capacity as a baseline. Maximum capacity is defined as the total monthly output attainable running a 1-8-5-shift basis, with full utilization of ALL 5) For maximum capacity columns, enter the maximum capacity amount in the appropriate column ("EA" (each) or "Short Tons") using current facility expansion. lines or workstations, active and inactive. Maximum capacity INCLUDES hiring skilled labor and reactivation of inactive lines, but EXCLUDES

depot- and intermediate-levels as defined below. short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-Source / Reference: Defense Ammunition Center Munitions Items Disposition Action System (MIDAS) (http://206.37.241.30/)

### Definitions

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes. A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

serviceable condition that has been screened through an inventory control point and declared excess. For specific definitions, see the OSD BRAC library. the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable Demilitarization. Demil is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armame The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prever

Example of how your grid will look

| HG: HE | HE: Bulk<br>HE | HD: HE "D" | Cartridges | HC: HE | Bombs | HB: HE | Devices | Charge | Components, | (HE) | Explosive | HA: High | Pyrotechnics | FP: | Thermite | Incendiary, | FI: | Uranium | Depleted | DU: | RP | Colored, FS, | HC, | CS: Smokes, | Control | CR: Riot | Phosphorous | CP: White | CD: Dyes | MIDA<br>Classes                                 |
|--------|----------------|------------|------------|--------|-------|--------|---------|--------|-------------|------|-----------|----------|--------------|-----|----------|-------------|-----|---------|----------|-----|----|--------------|-----|-------------|---------|----------|-------------|-----------|----------|---|
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Permit<br>(Yes/No)                              |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Method<br>of Demil<br>- OB/OD<br>(Yes/No)       |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Method<br>of Demil<br>-Melt-<br>Out<br>(Yes/No) |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Method of Demil - Wash-out (Yes/No)             |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Methoa<br>Demil -<br>Incineration<br>(Yes/No)   |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Method of<br>Demil -<br>Reclamation<br>(Yes/No) |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Current<br>Capacity<br>(Ea)                     |
|        |                |            |            |        |       | *****  |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Current<br>Capacity<br>(Short<br>Tons)          |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Current<br>Usage<br>(Ea)                        |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Current<br>Usage<br>(Short<br>Tons)             |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | mum<br>Capacity<br>(Ea)                         |
|        |                |            |            |        |       |        |         |        |             |      |           |          |              |     |          |             |     |         |          |     |    |              |     |             |         |          |             |           |          | Maximu<br>Capacity<br>(Short<br>Tons)           |

| PC: | Powder | and Black | Propellant | PB: Bulk | Family | N: No | Motor | Rocket | LR: Large | I: Inert | Land Mines | HZ: HE | Material | Demolition | HX: | Torpedoes | HT: | Rockets | HR HE | Warheads | and | Projectiles | HP: HE | Missiles | HM: | munitions | Sub | ICM/BU and | HI: HE | Munitions | Under Water | Charge, | Depth | HH·HE | Greni |
|-----|--------|-----------|------------|----------|--------|-------|-------|--------|-----------|----------|------------|--------|----------|------------|-----|-----------|-----|---------|-------|----------|-----|-------------|--------|----------|-----|-----------|-----|------------|--------|-----------|-------------|---------|-------|-------|-------|
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       | -        |     |             |        |          |     |           |     |            |        |           |             | -       |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            | -   |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        | 7-2-1 |       |        |           |          |            |        |          |            | -   |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          |            |        |          |            |     |           |     |         |       |          |     |             |        |          |     |           |     |            |        |           |             |         |       |       |       |
|     |        |           |            |          |        |       |       |        |           |          | _          |        |          |            |     |           |     |         |       |          |     |             |        |          |     | _         |     |            |        |           |             |         |       |       |       |

| Missiles | TM: Tactical | SF: Fuzes | Components | and | Munitions | Incinerable | SC: | Ammunition | Caliber | SA: Small | Components | and | Munitions | and | Propellant | PD: | Charges | Prope |
|----------|--------------|-----------|------------|-----|-----------|-------------|-----|------------|---------|-----------|------------|-----|-----------|-----|------------|-----|---------|-------|
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |
|          |              |           |            |     |           |             |     |            |         |           |            |     |           |     |            |     |         |       |

## Index. ..ıdustrial: Munitions and Armaments: Munitions .∠roduction Capacity:

### Reference #35: Munitions Production Capacity by Munitions Commodity Family

Question: Fill in the table below:

- "end item" and "component" enter the data for the end-item only.) 1) For columns "End Items" and "Components", please indicate with a "Y" (yes) or "N" (no) which you are producing. (NOTE: If you produce be
- capacity CANNOT EXCEED the maximum capacity of a 40 hour workweek operating conditions. Considering your current mix of items being produced at this time, what is your capacity for a 40 hour workweek? Your capacity is the expected monthly output from utilization of ALL ACTIVE lines or workstations running ONE shift (40 hours), under current 2) For "Current Capacity columns, enter the current capacity amount in the appropriate column ("EA" (each) or "lbs" (pounds/month)). Current
- 3) For "Current Usage" columns, enter the current usage amount in the appropriate column ("EA" (each) or "lbs" (pounds/month)). Current usage the expected monthly output from that portion of the current capacity that is actually in use.
- capacity CANNOT EXCEED the maximum capacity of a 40 hour workweek current capacity as a baseline, maximum capacity is the total monthly output attainable running ONE shift (40 hours), with full utilization of ALL 4) For "Maximum Capacity" columns, enter the current usage amount in the appropriate column ("EA" (each) or "lbs" (pounds/month)). Using facility expansion)? Considering your current mix of items being produced at this time, what is your capacity for a 40 hour workweek? Your LINES or workstations, active and inactive. Maximum capacity INCLUDES hiring skilled labor and reactivation of inactive lines, but EXCLUDE

Amplification: QUESTION/INSTRUCTIONS:

storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional depot- and intermediate-levels as defined below. facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow and short-term This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-operated (GOCO)

### Definitions:

contractor-operated (GOCO), facilities. rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned, Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance,

Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

library. Demi serviceable condition that has been screened through an inventory control point and declared excess. For specific definitions, see the OSD BRAC the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable or The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prevent ation. Demil is the act of destroying the military offensi defensive advantages inherent in certain types of munition. armaments.

Example of how your grid will look

| AGM-154 | GBU-31 JDAM | MK 117 Bomb | MK 129 Bomb | MK 20 Bomb | MK84 Bomb GP 2000 | MK83 Bomb GP 1000 | MK82 Bomb GP 500 | MLRS Artillery | 155mm Artillery | 5" Navy Gun Projectiles | Charges | 5" Navy Gun Propelling | 105mm Artillery | 76mm Naval Gun Ammunition | 75mm Artillery | 120mm Tank | 105mm Tank | 120mm Mortar | 81mm Mortar | 60mm Mortar | 40mm | 20mm | .50Cal | 9.0mm | 7.62mm | 5.56mm | Commodity ramity             | Commodity Family                      |
|---------|-------------|-------------|-------------|------------|-------------------|-------------------|------------------|----------------|-----------------|-------------------------|---------|------------------------|-----------------|---------------------------|----------------|------------|------------|--------------|-------------|-------------|------|------|--------|-------|--------|--------|------------------------------|---------------------------------------|
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | (Yes/No)                     | End Itam                              |
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | (Yes/No)                     | O-manant                              |
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | Current<br>Capacity<br>(Ea)  | · · · · · · · · · · · · · · · · · · · |
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | Current<br>Capacity<br>(lbs) | 7                                     |
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | Current<br>Usage<br>(Ea)     |                                       |
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | Current Usage (lbs)          |                                       |
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | Maximum<br>Capacity (Ea)     | Mariania                              |
|         |             |             |             |            |                   |                   |                  |                |                 |                         |         |                        |                 |                           |                |            |            |              |             |             |      |      |        |       |        |        | Maximum Capacity (lbs)       | Marimum                               |

|   |  |  |  | Smoke Munitions          |
|---|--|--|--|--------------------------|
|   |  |  |  | Primers                  |
|   |  |  |  | Detonators               |
|   |  |  |  | Saluting Charges         |
|   |  |  |  | Demolition Charges       |
|   |  |  |  | Simulators               |
|   |  |  |  | Signals                  |
|   |  |  |  | Grenades                 |
|   |  |  |  | Charges                  |
|   |  |  |  | Mine Clearing Systems    |
|   |  |  |  | MK60 CAPTOR              |
|   |  |  |  | MK65 Quickstrike Mine    |
|   |  |  |  | Launched Mobile Mine     |
|   |  |  |  | MK67 SLMM Submarine      |
|   |  |  |  | MK56 ASW Mine            |
|   |  |  |  | Anti-Personnel Mines     |
|   |  |  |  | FASCAM Mine              |
|   |  |  |  | Primary Explosive        |
|   |  |  |  | Plastic Bonded Explosive |
|   |  |  |  | RDX/HMX Explosive        |
|   |  |  |  | TNT Explosive            |
|   |  |  |  | Nitramine Gun Propellant |
|   |  |  |  | Solventless Propellant   |
|   |  |  |  | Triple Base Propellant   |
|   |  |  |  | Double Base Propellant   |
|   |  |  |  | Single Base Propellant   |
|   |  |  |  | Hydra 70 Rocket          |
|   |  |  |  | Sensor Fuzed Weapon      |
|   |  |  |  | BLU 118 Bomb             |
|   |  |  |  | Bomb BLU 109             |
|   |  |  |  | Bomb Practice            |
|   |  |  |  | CBU 72                   |
|   |  |  |  | CBU-59 Bomb              |
|   |  |  |  | GBU 24 Bomb              |
|   |  |  |  | 16                       |
| - |  |  |  | GBL omb                  |
|   |  |  |  |                          |

|   | Cartridge Actuated Devices | MK 50 Torpedo | MK 46 Torpedo | MK 48 Torpedo | Decoys & Countermeasures | Composite Jato's | Double Base Jato's | Cum Cum | Zimi | ASROC | Weapon Sys | Wire Guide (TOW) Missile | Tube Launched, Optical Track, | Multipurpose Assault Weapon | Shoulder-Launched | Weapon | AT4 Light Anti-Armor | ATACMS | Dragon Weapon System | Vertical-Launched ASROC | Tomahawk Missile | SLAM-ER Missile | Walleye Missile | Hawk Surface-to-Air Missile | Shrike Missile | Sidearm Missile | AIM-9 Sidewinder Missile | Rolling Airframe Missile | Phoenix Missile | Penguin Missile | AGM-65 Maverick Missile | Hellfire Missile | HARM Missile | AGM-88 Harpoon Missile | AGM-84 AMRAAM | arr |  |
|---|----------------------------|---------------|---------------|---------------|--------------------------|------------------|--------------------|---------|------|-------|------------|--------------------------|-------------------------------|-----------------------------|-------------------|--------|----------------------|--------|----------------------|-------------------------|------------------|-----------------|-----------------|-----------------------------|----------------|-----------------|--------------------------|--------------------------|-----------------|-----------------|-------------------------|------------------|--------------|------------------------|---------------|-----|--|
| 1 |                            |               |               |               |                          |                  |                    |         |      |       |            |                          |                               |                             |                   |        |                      |        |                      |                         |                  |                 |                 |                             |                |                 |                          |                          |                 |                 |                         |                  |              |                        |               |     |  |

| AGM-142 HAVE NAP | AGM-130 | AGM-129 ACM | AGM-86/L/D CALCM | AGM-86 BALCM | AIM-7 Sparrow | AIM-9X | BDU-38 | BDU-45 | BDU-56 | BDU-50 | BDU-33 | AGM-158 JASSM | BLU-82 | BLU-113 | EGBU-15 | EGBU-28 | CBU-89 | CBU-87 | CBU-97 | Impulse Cartridge | Chemical Defense Weapon | GBU-38 JDAM | (PADs) | Propellant Actuated Devices | GBU-32 JDAM | (CAL |
|------------------|---------|-------------|------------------|--------------|---------------|--------|--------|--------|--------|--------|--------|---------------|--------|---------|---------|---------|--------|--------|--------|-------------------|-------------------------|-------------|--------|-----------------------------|-------------|------|
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             |      |
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             |      |
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             |      |
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             |      |
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             |      |
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             |      |
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             |      |
|                  |         |             |                  |              |               |        |        |        |        |        |        |               |        |         |         |         |        |        |        |                   |                         |             |        |                             |             | -    |

### Reference #36: Munitions Maintenance Capacity by Munitions Commodity Family

product, provide the stand alone capacity for each product. a component of that commodity, include the capacity for that component on the end item line. If a line can support maintenance on more than one Question: For the commodity/commodities on which you are performing maintenance, fill in the table below. If you are performing maintenance

- output from utilization of all active lines or workstations running a 1-8-5-shift basis, under current operating conditions. 1) For current capacity columns, enter the current capacity amount in direct labor hours (DLHs). Current capacity is defined as the expected mon-
- from that portion of the current capacity that is actually in use (as of end of 4th Qtr FY03). 2) For current usage columns, enter the current usage amount in direct labor hours (DLHs). Current usage is defined as the expected monthly outp

capacity is defined as the total monthly output attainable running a 1-8-5-shift basis, with full utilization of ALL lines or workstations, active and inactive. Maximum capacity INCLUDES hiring skilled labor and reactivation of inactive lines, but EXCLUDES facility expansion imum capacity columns, enter the maximum capacity amo h direct labor hours (DLHs) using current capacity as a ba

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H

depot- and intermediate-levels as defined below. short-term storage; depot level munitions and/or armaments maintenance; munitions and/or armaments demilitarization and repair at traditional operated (GOCO) facilities performing the following activities: munitions and/or armaments production; depot level munitions storage; deepstow and Amplification: This question is to be answered by government-owned, government operated (GOGO) and government-owned, commercially-

### Definitions:

contractor-operated (GOCO), facilities. portion of the industrial base under analysis in BRAC '05 includes Government-owned, government-operated (GOGO), and Government-owned rebuild, renovation, overhaul, out-loading, demil, and disposal) of items required to meet peacetime and emergency materiel requirements. The Industrial Base. Those facilities required for life cycle management (to include but not limited to development, production, storage, maintenance

operations. Certain suitable modified munitions can be used for training, ceremonial, or non-operational purposes Munitions. A complete device charged with explosives, propellants, demolitions, pyrotechnics, and/or initiating composition used in military

fighting systems. Armaments. All war-making weaponry, machinery, and associated special tools and equipment used to make these items function as total war-

serviceable condition that has been screened through an inventory control point and declared excess. the further use of this equipment or equipment for its originally intended military or lethal purpose and applies equally to material in unserviceable or The term includes, but is not limited to, mutilation, scrapping, melting, burning, washout, steam-out, incineration, or alteration designed to prevent Demilitarization. Demil is the act of destroying the military offensive or defensive advantages inherent in certain types of munitions and armaments

For specific definitions, see the OSD BRAC library. *Example of how your grid will look* 

|   |                         |                            | Shrike Missile           |
|---|-------------------------|----------------------------|--------------------------|
|   |                         |                            | Sidearm Missile          |
|   |                         |                            | Sidewinder Missile       |
|   |                         |                            | Rolling Airframe Missile |
|   |                         |                            | Phoenix Missile          |
|   |                         |                            | Penguin Missile          |
|   |                         |                            | Maverick Missile         |
|   |                         |                            | Hellfire Missile         |
|   |                         |                            | HARM Missile             |
|   |                         |                            | Harpoon Missile          |
|   |                         |                            | AMRAAM                   |
|   |                         |                            | Sea Sparrow Missile      |
| Current Capacity (DLH (K))   Current Usage (DLH (K))   Maximum Capacity (DLH (K)) | Current Usage (DLH (K)) | Current Capacity (DLH (K)) | Commodity Family         |
|   |                         |                            |                          |

|  | AIM-7 Sparrow Missile                            |
|--|--|
|  | AIM-9X Missile                                   |
|  | Cluster Munitions                                |
|  | Unguided Munitions                               |
|  | Guided Munitions                                 |
|  | Other Air-to-Ground Missiles/Components          |
|  | Other Air Intercept Missiles/Components          |
|  | Advanced Cruise Missile (ACM)                    |
|  | Conventional Air Launched Cruise Missile (CALCM) |
|  | Air Launched Cruise Missile (ALCM)               |
|  | Naval Mines                                      |
|  | 5" Navy Gun Projectiles                          |
|  | 5" Navy Gun Propelling Charges                   |
|  | 76mm Naval Gun Ammunition                        |
|  | MK 50 Torpedo                                    |
|  | MK 46 Torpedo                                    |
|  | MK 48 Torpedo                                    |
|  | Tomahawk Missile                                 |
|  | SLAM-ER Missile                                  |
|  | Walleye Missile                                  |
|  | Hawl ace-to-Air Missile                          |
|  |  |

### Sub שי יחb: Maintenance

### Combat Field Support/Intermediate Level Maintenance: Capacity

## Reference #1: Capacity of area by Combat Field Support/Intermediate Level Commodity - Aircraft

commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. (CCN-Service specific) for the Aircraft commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodities and likewise, a Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Number

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, when approved by higher levels. in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library. Column Headings for this question

| Column Headings for this question | s question |                               |   |
|-----------------------------------|------------|-------------------------------|---|
| Column names                      | Data       | Source/Reference              | Amplification   |
|                                   | Type       |                               |   |
| Facility Analysis Code numeric    | - 1        | DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| (FAC) (Code)                      |            | Version 5, dtd Mar 2003       | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category  |
|                                   |            |                               | to FAC  |
| Category Code                     | numeric    | DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| Number (CCN) (Code)               |            | Version 5, dtd Mar 2003       | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category  |
|                                   |            |                               | to FAC  |
| Description (List)                | string50   |                               |   |
| Area Used (KSF)                   | numeric    |                               |   |
| Area Available (KSF)              | numeric    |                               |   |

# Reference #2: Capacity of area by Combat Field Support/Intermediate Level Commodity - Aircraft Components

(CCN-Service specific) for the Aircraft Components commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodities and Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Nur likewise, a commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN.

Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide

when approved by higher levels. of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that res limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; re

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library.

Column Headings for this question

| Column names           | Data<br>Type | Source/Reference   | Amplification   |
|------------------------|--------------|--|---|
| Facility Analysis Code | numeric      | Facility Analysis Code numeric DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| (FAC) (Code)           |              | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Cate;     |
| Category Code          | numeric      | DoD Facilities Pricing Guide,                                | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| Number (CCN) (Code)    |              | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Cate;     |
|                        |              |  | to FAC  |
| Description (List)     | string50     |  |   |

Area Used (KSF)

Area Available (KSF)

numeric numeric

# Reference #3: Capacity of area by Combat Field Support/Intermediate Level Commodity - Aircraft Engines

commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. (CCN-Service specific) for the Aircraft Engines commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodities and likewise, a Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Number

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide

when approved by higher levels. of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library.

Column Headings for this question

| Commit incumings for this question | no question |  |   |
|------------------------------------|-------------|--|---|
| Column names                       | Data        | Source/Reference   | Amplification   |
|                                    | Type        |  |   |
| Facility Analysis Code             | numeric     | Facility Analysis Code numeric DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| (FAC) (Code)                       |             | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category  |
|                                    |             |  | to FAC  |
| Category Code                      | numeric     | DoD Facilities Pricing Guide,                                | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| Number (CCN) (Code)                |             | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category  |
|                                    |             |  | to FAC  |
| Description (List)                 | string50    |  |   |
| Area Used (KSF)                    | numeric     |  |   |
|                                    |             |  |   |

Area Available (KSF)

# Reference #4: Capacity of area by Combat Field Support/Intermediate Level Commodity - Ground Vehicles

commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Nun (CCN-Service specific) for the Ground Vehicles commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodities and likewise

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, when approved by higher levels. in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that res limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; rej Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities t

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations

For specific definitions, see the OSD BRAC library.

| Column Headings for this question | is question |  |   |
|-----------------------------------|-------------|--|---|
| Column names                      | Data        | Source/Reference   | Amplification   |
|                                   | Туре        |  |   |
| Facility Analysis Code            | numeric     | Facility Analysis Code numeric DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to       |
| (FAC) (Code)                      |             | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category to FAC |
| Category Code                     | numeric     | DoD Facilities Pricing Guide,                                | Appendix D - FAC to Category code; Appendix E-Air Force Category to       |
| Number (CCN) (Code)               |             | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category to FAC |
| Description (List)                | string50    |  |   |
| Area Used (KSF)                   | numeric     |  |   |
| Area Available (KSF)              | numeric     |  |   |

|                         | •   |   |
|-------------------------|---|---|
| dings for this question | on  |   |
| es Data                 | Source/Reference                                | Amplification   |
| Type                    |   |   |
| ysis Code numer         | ysis Code numeric DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
|                         | Version 5, dtd Mar 2003                         | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Cate,     |
|                         |   |   |

# Reference #5: Capacity of area by Combat Field Support/I-Level Commodity - Ground Vehicles Components

and likewise, a commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Number (CCN-Service specific) for the Ground Vehicles Components commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodities

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide

when approved by higher levels. of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations

For specific definitions, see the OSD BRAC library.

Column Headings for this question

| Committedants for mis question | is question |  |   |
|--------------------------------|-------------|--|---|
| Column names                   | Data        | Source/Reference   | Amplification   |
|                                | Туре        |  |   |
| Facility Analysis Code         | numeric     | Facility Analysis Code numeric DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| (FAC) (Code)                   |             | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category  |
| Category Code                  | numeric     | DoD Facilities Pricing Guide,                                | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| Number (CCN) (Code)            |             | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category  |
| Description (List)             | string50    |  |   |
| Area Used (KSF)                | numeric     |  |   |
| Area Available (KSF)           | numeric     |  |   |

# Reference #6: Capacity of area by Combat Field Support/I-Level Commodity - Communication/Electronic Equip

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide commodities and likewise, a commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. (CCN-Service specific) for the Communications/Electronic Equipment commodity group? NOTE: (1) A FAC and/or CCN can have multiple Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Num

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that res Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities t when approved by higher levels. limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repaired repair commodity-oriented components and end items. in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library.

|   | Column names     | Column Headings for this question |
|---|------------------|-----------------------------------|
| ] | Data             | this question                     |
|   | Source/Reference |                                   |
|   | 7                |                                   |

| Category Code<br>Number (CCN) (Code)  | Facility Analysis Code (FAC) (Code)   | Column names     |
|---|---|------------------|
| numeric   | numeric   | Data<br>Type     |
| DoD Facilities Pricing Guide,<br>Version 5, dtd Mar 2003  | Facility Analysis Code numeric DoD Facilities Pricing Guide, (FAC) (Code)  Version 5, dtd Mar 2003  | Source/Reference |
| Appendix D - FAC to Category code; Appendix E-Air Force Category to FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category to FAC | Appendix D - FAC to Category code; Appendix E-Air Force Category to FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category to FAC | Amplification    |

Area Available (KSF) Area Used (KSF) Description (List) numeric numeric string50

commodities and likewise, a commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide (CCN-Service specific) for the Support Equipment (includes calibration) commodity group? NOTE: (1) A FAC and/or CCN can have multiple Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Number Reference #7: Capacity of area by Combat Field Support/I-Level Commodity - Support Equip (includes calibration)

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair

when approved by higher levels. For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library.

| Column Headings for this question Column names Data | S question Data     | Source/Reference   | Amplification  |
|---|---------------------|--|--|
|   | Type                |  | The American State of the Corner Cotemory to   |
| Facility Analysis Code (FAC) (Code)                 | numeric             | Facility Analysis Code numeric DoD Facilities Pricing Guide, (FAC) (Code)  Version 5, dtd Mar 2003 | Appendix D - FAC to Category code; Appendix E-An Force Category FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category |
| Category Code                                       | numeric             | DoD Facilities Pricing Guide,  | Appendix D - FAC to Category code; Appendix E-Air Force Category to  |
| Number (CCN) (Code)                                 |                     | Version 5, dtd Mar 2003  | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category to FAC  |
| Description (List)                                  | string50<br>numeric |  |  |
| Area Available (KSF)                                | numeric             |  |  |

Reference #8: Capacity of area by Combat Field Support/I-Level Commodity - Ordnance, Weapons and Missiles

and likewise, a commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. (CCN-Service specific) for the Ordnance, Weapons and Missiles commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodition. Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Numb

will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that resid document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities tha

Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, when approved by higher levels. in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repa

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library.

| A A D   | Z                       | Ω                             | 7      | (F                      | Fa                             |      | C                | C                                 |
|---|-------------------------|-------------------------------|--------|-------------------------|--------------------------------|------|------------------|-----------------------------------|
| Description (List)<br>Area Used (KSF)<br>Area Available (KSF) | Number (CCN) (Code)     | Category Code                 |        | (FAC) (Code)            | Facility Analysis Code numeric |      | Column names     | Column Headings for this question |
| string50<br>numeric<br>numeric                                |                         | numeric                       |        |                         |                                | Туре | Data             | s question                        |
|   | VEISION 3, ala Mai 2003 | DoD Facilities Pricing Guide, |        | Version 5, dtd Mar 2003 | DoD Facilities Pricing Guide,  |      | Source/Reference |                                   |
|   | to FAC                  | Appen                         | to FAC | FAC;                    | Appen                          |      | Amplit           |                                   |

Appendix F-Army Category to FAC; and Appendix G-Navy Catego ndix D - FAC to Category code; Appendix E-Air Force Category to Appendix F-Army Category to FAC; and Appendix G-Navy Catego idix D - FAC to Category code; Appendix E-Air Force Category to fication

## Reference #9: Capacity of area by Combat Field Support/Intermediate Level Commodity - Software

commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide (CCN-Service specific)) for the Software commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodities and likewise, a Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Number

in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used

when approved by higher levels. of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair

For specific definitions, see the OSD BRAC library. For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

Column Headings for this question

| Description (List) Area Used (KSF) Area Available (KSF) | Category Code<br>Number (CCN) (Code)   | Facility Analysis Code (FAC) (Code)  | Column names Data Type |
|---|--|--|------------------------|
| string50<br>numeric<br>numeric                          | numeric  | numeric  | Data Type              |
|   | DoD Facilities Pricing Guide,<br>Version 5, dtd Mar 2003   | Facility Analysis Code numeric DoD Facilities Pricing Guide, (FAC) (Code)  Version 5, dtd Mar 2003                                     | Source/Reference       |
|   | to FAC Appendix D - FAC to Category code; Appendix E-Air Force Category to FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category to FAC | Appendix D - FAC to Category code; Appendix E-Air Force Category to FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category | Amplification          |

# Reference #10: Capacity of area by Combat Field Support/ I-Level Commodity - Fabrication and Manufacturing

and likewise, a commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide (CCN-Service specific) for the Fabrication and Manufacturing commodity group? NOTE: (1) A FAC and/or CCN can have multiple commodities Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Numbe

Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used.

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, when approved by higher levels. limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library.

| Column Headings for this question | is question |  |   |
|-----------------------------------|-------------|--|---|
| Column names                      | Data        | Source/Reference   | Amplification   |
|                                   | Type        |  |   |
| Facility Analysis Code            | numeric     | Facility Analysis Code numeric DoD Facilities Pricing Guide, | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| (1 AC) (Code)                     |             | TOLDER OF STREET WOOD  | to FAC  |
| Category Code                     | numeric     | DoD Facilities Pricing Guide,                                | Appendix D - FAC to Category code; Appendix E-Air Force Category to |
| Number (CCN) (Code)               |             | Version 5, dtd Mar 2003                                      | FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Categor   |
|                                   |             |  | to FAC  |
| Description (List)                | string50    |  |   |
| Area Used (KSF)                   | numeric     |  |   |
| Area Available (KSF)              | numeric     |  |   |

## Reference #11: Capacity of area by Combat Field Support/Intermediate Level Commodity - Other

Source / Reference: USAF/USN/USMC/USA: Respective service's real property records will be used where available. If not available, provide commodity can have multiple FACs and CCNs (2) The area available is the total amount for that FAC and CCN. Question: What is the amount of area in thousands of square feet for your organization by Facility Analysis Code (FAC) and Category Code Number (CCN-Service specific) for a commodity group not listed? NOTE: (1) A FAC and/or CCN can have multiple commodities and likewise, a

Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used.

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures, will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations. when approved by higher levels.

For specific definitions, see the OSD BRAC library.

Area Used (KSF) Description (List) Number (CCN) (Code) Category Code (FAC) (Code) Facility Analysis Code Column names Column Headings for this question numeric Type numeric Data numeric numeric string50 DoD Facilities Pricing Guide, DoD Facilities Pricing Guide, Source/Reference Version 5, dtd Mar 2003 Version 5, dtd Mar 2003

Area Available (KSF)

Amplification

FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category Appendix D - FAC to Category code; Appendix E-Air Force Category to to FAC FAC; Appendix F-Army Category to FAC; and Appendix G-Navy Category Appendix D - FAC to Category code; Appendix E-Air Force Category to

# Reference #12: Total Onboard Maintenance Manpower Working on Combat Field Support/I- Level Maintenance

your organization? manpower (military, civilian and contractor man-year equivalents (CMEs)) working on Combat Field Support/Intermediate Level maintenance in Question: What are the FY01 to FY05 (FY01-FY03 will be end of 4th Qtr actuals and FY04-FY05 will be projections) onboard maintenance

Source / Reference: See this Question's Amplification for source/reference.

assemblies, components, jigs and fixtures, when approved by higher levels. units/locations/installations, includes limited repair commodity-oriented components and end items. Job shop, bay, and production line operations deployable equipment that reside in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. intermediate activities that will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-QUESTION INSTRUCTIONS: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, for special mission requirements; repair of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, Letters of Auth and Contract Docs; USA: Table of Distribution and Allowances (TDA) and Contract Documents. If not available, provide Amplification: SOURCE DOCUMENTS: USAF: MILPers and CIVPers; USN: Activity Manning Document; USMC: Table of Organization (TO),

For specific definitions, see the OSD BRAC library. For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations

Example of how your grid will look

| The section of the | The state of the s |  |
|--------------------|--|--|
| Fiscal Years       | Fiscal Years   Total Onboard Manpower (Pers)   |  |
| FY01               |  |  |
| FY02               |  |  |
| FY03               |  |  |
| FY04               |  |  |
| FY05               |  |  |
|                    |  |  |

manpower (military (MIL), civilian (CIV) and contractor man-year equivalents (CMEs)) working on Combat Field Support/Intermediate Level Question: What is the FY01 to FY05 (FY01-FY03 will be end of 4th Qtr actuals and FY04-FY05 will be projections) onboard maintenance Onboard Maintenance Manpower Working on Combat Field Support/Intermediate Level Maintenance" maintenance activities in your organization by commodity group? NOTE: (1) Manpower can only be credited (listed) to one commodity group and Reference #13: Onboard Maintenance Manpower for Combat Field Support/I-Level Maintenance by Commodity Group (2) the total of (MIL + CIV+ CME by Fiscal Year) of this question must equal the total response for each Fiscal Year in the question entitled: "Total

Source / Reference: See this Question's Amplification for source/reference.

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Amplification: SOURCE DOCUMENTS: USAF: MILPers and CIVPers; USN: Activity Manning Document; USMC: Table of Organization (TO). deployable equipment that reside in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service QUESTION INSTRUCTIONS: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, Letters of Auth and Contract Docs; USA: Table of Distribution and Allowances (TDA) and Contract Documents. If not available, provide for special mission requirements; repair of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, units/locations/installations, includes limited repair commodity-oriented components and end items. Job shop, bay, and production line operations intermediate activities that will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations. assemblies, components, jigs and fixtures, when approved by higher levels.

For specific definitions, see the OSD BRAC library.

| Fabrication and           | Software | Missiles | Ordnance, Weapons and | (includes calibration) | Support Equipment | Equipment | Communication/Electronic | Components | Ground Vehicles | Ground Vehicles | Aircraft Engines | Aircraft Components | Aircraft |  | Commodity Groups | Intermediate Level | Example of how your grid will look |
|---------------------------|----------|----------|-----------------------|------------------------|-------------------|-----------|--------------------------|------------|-----------------|-----------------|------------------|---------------------|----------|--|------------------|--------------------|------------------------------------|
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers) (P | MIL              | FY01               | ill look                           |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | CIV              | FY01               |                                    |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | CME              | FY01               | _                                  |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | MIL              | FY02               | _                                  |
| ,                         |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | CIV              | FY02               | _                                  |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | CME              | FY02               |                                    |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | MIL              | FY03               |                                    |
| E-Di-marion Purposes Only |          |          |                       |                        |                   |           | -                        |            |                 |                 |                  |                     |          | (Pers)   | CIV              | FY03               |                                    |
| Only                      |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | CME              | FYOS               |                                    |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | MIL              | F 1 04             | TVO                                |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   | 9 [              | CIV/               | EVOV                               |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Pers)   |                  |                    | EVOA                               |
|                           |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (Fers)   | (Dong)           | MII                | FVOS                               |
|                           |          |          |                       |                        |                   |           | -                        |            |                 |                 |                  |                     |          | (17.19)  | (Dare)           | CIV                | FY05                               |
| 37                        |          |          |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (1010)   | (Pers)           | CME                | FY05                               |

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|          |

Reference #14: Total amount of work for Combat Field Support/I-Level Maintenance by commodity group Index: Industrial: Mailiterialice, compart leid Suppo

hours (DLH) by Combat Field Support/Intermediate Level Maintenance commodity group? Question: What is the total FY01, FY02 and FY03 (end of 4th Qtr actuals) amount of work in number of units produced/repaired and in direct labor

Source / Reference: See this Question's Amplification for source/reference.

that will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that document/database and publication date and/or methodology used to arrive at answer. "Professional judgment will not be used. QUESTION Maintenance System (SAMS) and Standard Army Maintenance System-Installation/Table of Distribution (SAMS-I/TDA). If not available, provide Amplification: SOURCE DOCUMENTS: USAF: REMIS and CAMS; USN/USMC: NALCOMIS and Contract Docs; USA: Standard Army requirements; repair of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, reside in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, jigs and fixtures, when approved by higher levels. includes limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission INSTRUCTIONS: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations

For specific definitions, see the OSD BRAC library.

Example of how your grid will look

| Fabrication and Manufacturing | Software | Missiles | Ordnance, Weapons and | calibration) | Support Equipment (includes | Equipment | Communication/Electronic | Ground Vehicles Components | Ground Vehicles | Aircraft Engines | Aircraft Components | Aircraft |            | ~~~               | Intermediate Level |
|-------------------------------|----------|----------|-----------------------|--------------|-----------------------------|-----------|--------------------------|----------------------------|-----------------|------------------|---------------------|----------|------------|-------------------|--------------------|
|                               |          |          |                       |              |                             |           |                          |                            |                 |                  |                     |          | (Count/yr) | Produced/Repaired | FY01 Units         |
|                               |          |          |                       |              |                             |           |                          |                            |                 |                  |                     |          | (K)        | DLH               | FY01               |
|                               |          |          |                       |              |                             |           |                          |                            |                 |                  |                     |          | (Count/yr) | Produced/Repaired | FY02 Units         |
|                               |          |          |                       |              |                             |           |                          |                            |                 |                  |                     |          | (K)        | DLH               | FY02               |
|                               |          |          |                       |              |                             |           |                          |                            |                 |                  |                     |          | (Count/yr) | Produced/Repaired | FY03 Units         |
|                               |          |          |                       |              |                             |           |                          |                            |                 |                  |                     |          | (F)        | DLH               | FY03               |

hours (DLHs) and the associated number of units produced/repaired and in direct labor hours (DLH) by Combat Field Support/Intermediate Level Question: For each year FY01, FY02 and FY03 (end of 4th Qtr actuals), what is the maximum monthly peak workload for that year in direct labor Maintenance commodity group? State if there is a reason for this maximum monthly peak (yes/No) and, if yes, explain. Reference #30: Maximum Monthly Peak workload for Combat Field Support/I-Level Maintenance by commodity group

Source / Reference: See this Question's Amplification for source/reference.

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment will not be used. QUESTION Maintenance System (SAMS) and Standard Army Maintenance System-Installation/Table of Distribution (SAMS-I/TDA). If not available, provide jigs and fixtures, when approved by higher levels. requirements; repair of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, includes limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission reside in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, that will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that INSTRUCTIONS: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities Amplification: SOURCE DOCUMENTS: USAF: REMIS and CAMS; USN/USMC: NALCOMIS and Contract Docs; USA: Standard Army

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations

For specific definitions, see the OSD BRAC library

| MISSIES | Ordnance, Weapons and | (includes calibration) | Support Equipment | Equipment | Communication/Electronic | Components | Ground Vehicles | Ground Vehicles | Aircraft Engines | Aircraft Components | Aircraft |                   |            |                   | •              | Commodity Groups | Intermediate Level | Example of how your grid will look |
|---------|-----------------------|------------------------|-------------------|-----------|--------------------------|------------|-----------------|-----------------|------------------|---------------------|----------|-------------------|------------|-------------------|----------------|------------------|--------------------|------------------------------------|
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (K))              | (DLH       | Peak              | Monthly        | Maximum          | FY01               | vill look                          |
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          |                   | (Count/mo) | Produced/Repaired | Units          | Monthly Peak     | FY01 Max           |                                    |
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | peak?<br>(Yes/No) | monthly    | for               | reason         | there a          | FY01 Is            |                                    |
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          |                   |            | (Text)            | explain        | If yes,          | FY01               |                                    |
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (K))              | (DLH       | Peak              | ly             | n                |                    |                                    |
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          |                   | (Count/mo) | epaired           |                | Monthly Peak     | FY02 Max           |                                    |
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | peak?<br>(Yes/No) | monthly    |                   | Ħ              |                  | į,                 |                                    |
|         |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          |                   |            | (1ext)            | (Taxt)         | II yes,          | L 107              | COZ                                |
| 11      |                       |                        |                   |           |                          |            |                 |                 |                  |                     |          | (K))              | (DLH       | Fean<br>Tean      | uii   Molluliy | Manthly          | I I O              | EV03                               |

| Outer Commounty | Other Commodity | Manufacturing | Fabrication and | Softw |
|-----------------|-----------------|---------------|-----------------|-------|
|                 |                 |               |                 |       |
|                 |                 |               |                 |       |
|                 |                 |               |                 |       |
|                 |                 |               |                 |       |
|                 |                 |               |                 |       |
|                 |                 |               |                 |       |
|                 |                 |               |                 |       |
|                 |                 |               |                 |       |

Reference #15: Combat Field Support/I-Level workload for other maintenance activities not assigned to your org

produced/repaired by Intermediate Level Maintenance commodity group for other maintenance activities/supply NOT assigned to your organization (e.g., another wing/unit)? Question: Of the total amount of work for FY01, FY02 and FY03 (end of 4th Qtr actuals), what portion of work (in direct labor hours (DLH)) is

Source / Reference: See this Question's Amplification for source/reference.

jigs and fixtures, when approved by higher levels. requirements; repair of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, that will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that INSTRUCTIONS: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities document/database and publication date and/or methodology used to arrive at answer. "Professional judgment will not be used. QUESTION Maintenance System (SAMS) and Standard Army Maintenance System-Installation/Table of Distribution (SAMS-I/TDA). If not available, provide Amplification: SOURCE DOCUMENTS: USAF: REMIS and CAMS; USN/USMC: NALCOMIS and Contract Docs; USA: Standard Army includes limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission reside in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations,

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations

For specific definitions, see the OSD BRAC library.

| Example of how your grid will look Intermediate Level Commodity Groups | FY01 DLH (K) | FY01 DLH (K)   FY02 DLH (K)   FY03 DLH (F | FY03 DLH (F |
|--|--------------|---|-------------|
| Aircraft   |              |   |             |
| Aircraft Components  |              |   |             |
| Aircraft Engines   |              |   |             |
| Ground Vehicles  |              |   |             |
| Ground Vehicles Components   |              |   |             |
| Communication/Electronic Equipment                                     |              |   |             |
| Support Equipment (includes calibration)                               |              |   |             |
| Ordnance, Weapons and Missiles   |              |   |             |
| Software   |              |   |             |
| Fabrication and Manufacturing  |              |   |             |
| Other Commodity  |              |   |             |

Source / Reference: Contract documents for respective Service. If not available, provide document/database and publication date and/or workload (e.g., overflow workload) was contracted outside your organization expressed in thousands of dollars and direct labor hours (if known) by Intermediate Level Maintenance commodity group? NOTE: Do NOT include work performed by contractors assigned to your unit (in-house). Question: Of the total amount of work for FY01, FY02 and FY03 (end of 4th Qtr actuals), what portion of tasked Intermediate Level Maintenance Reference #16: Combat Field Support/I-Level Maintenance workload contracted outside of organization

of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts, assemblies, components, jigs and fixtures. in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service units/locations/installations, includes will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-deployable equipment that reside Amplification: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, intermediate activities that limited repair commodity-oriented components and end items. Job shop, bay, and production line operations for special mission requirements; repair methodology used to arrive at answer. "Professional judgment will not be used.

when approved by higher levels.

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations.

For specific definitions, see the OSD BRAC library.

| Office Commodity | Other Commodity | Fabrication and Manufacturing | Software | Ordnance, Weapons and Missiles | calibration) | Support Equipment (includes | Communication/Electronic Equipment | Ground Vehicles Components | Ground Vehicles | Aircrait Eilgilies | A : | Aircraft Components | Aircraft | (\$K)      | Intermediate Level Commodity Groups   FY01 Dollars | Example of how your grid will look |
|------------------|-----------------|-------------------------------|----------|--------------------------------|--------------|-----------------------------|------------------------------------|----------------------------|-----------------|--------------------|-----|---------------------|----------|------------|--|------------------------------------|
|                  |                 |                               |          |                                |              | -                           |                                    |                            |                 |                    |     |                     |          | (K) $($K)$ | ollars   FY01 DLH   FY02 Dollars                   |                                    |
|                  |                 |                               |          |                                |              |                             |                                    |                            |                 |                    |     |                     |          | (K)        | F Y UZ DEN   | וו זכן ניסעים                      |
|                  |                 |                               |          |                                |              |                             |                                    |                            |                 |                    |     |                     |          | (AK)       | (ATZ)  | EV03 Dollars                       |
|                  |                 |                               |          |                                |              |                             |                                    |                            |                 |                    |     |                     |          | (13)       | (K)  | FY03 DLH                           |

type work that are not physically located on your installation, by distance? And what are the Direct Labor Hours (DLHs) associated with this level of Question: What is the total number of customers/organizational units (at Squadron/Battalion level) supported by Intermediate Level Maintenance Reference #17: Customers receiving Combat Field Support/I-Level maintenance not physically located on installation

support?

available, provide document/database and publication date and/or methodology used to arrive at answer. "Professional judgment will not be used. Amplification: SOURCE DOCUMENTS: USAF: REMIS and CAMS; USN/USMC: NALCOMIS and Contract Docs; USA: TBD. If not Source / Reference: See this Question's Amplification for source/reference. units/locations/installations, includes limited repair commodity-oriented components and end items. Job shop, bay, and production line operations deployable equipment that reside in fixed infrastructure. Combat field support/intermediate maintenance capabilities that are within Service intermediate activities that will answer this question must meet all three of following criteria: non-deployable maintenance personnel and non-QUESTION INSTRUCTIONS: To ensure critical deployable combat field and intermediate level maintenance capabilities are maintained, assemblies, components, jigs and fixtures, when approved by higher levels. for special mission requirements; repair of printed circuit boards, software maintenance, and limited fabrication or manufacture of repair parts,

For the Air Force, non-deployable is defined as non-UTC coded manning and equipment in fixed installations

For specific definitions, see the OSD BRAC library.

Column Headings for this question

| Column names   | Data Type | Data Type Source/Reference Amplification | Amplification |
|--|-----------|--|---------------|
| Total Number of Customers supported (Count)              | numeric   |  |               |
| Number of Customers<50 miles away (Count)                | numeric   |  |               |
| Direct Labor Hours of Customer Support (DLH (K)) numeric | numeric   |  |               |
| Number of Customers>50 <100 miles away (Count) numeric   | numeric   |  |               |
| Direct Labor Hours of Customer Support (DLH (K)) numeric | numeric   |  |               |
| Number of Customers>100 miles away (Count)               | numeric   |  |               |
| Direct Labor Hours of Customer Support (DLH (K)) numeric | numeric   |  |               |

Index: industrial: Maintenance: Depot Level Maintenance: Capacity

### Reference #18: Total Capacity Index for Depot Commodity Groups

each Fiscal Year requested. NOTE: See DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoDD 4151.18H, dtd Jan 24, availability factor of .95 X annual productive hours of 1615). Provide your answers expressed in direct labor hours (DLH) by commodity groups for using the formula in Chapter 3 of DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoDD 4151.18H (work positions X Question: Calculate the total capacity index for the depot commodity groups applicable to depot maintenance work at each maintenance installation

1997 and Handbook Supplemental guidance, dtd Oct 4, 2001. (See OD BRAC library or

http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html.)

date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: Total Capacity Index formula in Chapter 3 of DoDD 4151.18H. If not available, provide document/database and publication

government owned activity. subassemblies, and testing and reclamation of equipment as necessary, regardless of the source of funds for the maintenance or repair at a activities that perform materiel maintenance and repair requiring overhaul, upgrading, modification, or rebuilding of parts, assemblies, or Amplification: This question is to be answered by activities performing depot level maintenance. Depot Level Maintenance activities are defined as:

For specific definitions, see the OSD BRAC library

| Example of how your grid will look  Denot Level Commodity Groups | FY03 (DLH (K)) | FY04 (DLH (K)) | FY04 (DLH (K))   FY05 (DLH (K))   FY09 (DLH (K)) | FY09 (DLH (K)) |
|--|----------------|----------------|--|----------------|
| Aircraft Rotary  |                |                |  |                |
| Aircraft VSTOL   |                |                |  |                |
| Aircraft Cargo/Tanker  |                |                |  |                |
| Aircraft Fighter/Attack  |                |                |  |                |
| Aircraft Bomber  |                |                |  |                |
| Aircraft Other   |                |                |  |                |
| Aircraft Dynamic Components                                      |                |                |  |                |
| Aircraft Hydraulic Components                                    |                |                |  |                |
| Aircraft Pneumatic Components                                    |                |                |  |                |
| Aircraft Instruments Components                                  |                |                |  |                |
| Aircraft Landing Gear (include wheels/brakes) Components         |                |                |  |                |
| Aircraft Ordnance Equipment (e.g., racks and rails) Comp         |                |                |  |                |
| Aircraft Avionics/Electronics Components                         |                |                |  |                |
| Aircraft Structure Components (e.g., flaps and seats)            |                |                |  |                |
| Aircraft Other Components  |                |                |  |                |
| Aircraft Engine Turboprop/Turboshaft                             |                |                |  |                |
| Aircraft Engine Turbofan Bypass                                  |                |                |  |                |
| Aircraft Engine Turbofan/TurboJet Augmented                      |                |                |  | 46             |
|  |                | )              |  |                |

| 4( | Siscussion Purposes Only | Fabrication and Manufacturing  Draft Deliberative Document For Discussion Purposes Only |
|----|--------------------------|---|
|    |                          | Software Support Equipment  |
|    |                          | Software Weapon System  |
|    |                          | Software Weapon System  |
|    |                          | Tactical Missiles (e.g., TOWS, MLRS, Patriots)  |
|    |                          | Strategic Missiles  |
|    |                          | Small Arms/Personal Weapons   |
|    |                          | Conventional Weapons (torpedoes, mines, etc.)   |
|    |                          | Other Equipment (ROWPUs, kitchens, showers, troops support equip)                       |
|    |                          | Calibration   |
|    |                          | TMDE  |
|    |                          | Generators  |
|    |                          | Ground Support Equipment  |
|    |                          | Electronic Components (non-airborne)  |
|    |                          | Computers   |
|    |                          | Crypto  |
|    |                          | Electro-Optics/Night Vision/FLIR  |
|    |                          | Navigational Aids   |
|    |                          | Electronic Warrare  |
|    |                          | WIIC  |
|    |                          | Wina  |
|    |                          | Radio   |
|    |                          | Radar   |
|    |                          | Other Components (e.g., hydraulics, pneumatic, electrical)                              |
|    |                          | Fire Control Systems and Components   |
|    |                          | Armament and Structural Components  |
|    |                          | Starters/Alternators/Generators   |
|    |                          | Powertrain Components   |
|    |                          | Engines/Transmissions   |
|    |                          | Other Vehicles  |
|    |                          | Material Handling   |
|    |                          | Construction Equipment  |
|    |                          | Alliphiolous vehicles   |
|    |                          | Amphibious Vahioles   |
|    |                          | Combat Vehicles (e.g., tanks, APC, propelled/tow artillery)                             |
|    |                          | Tactical Vehicles (e.g., trucks, trailer, bridge)                                       |
|    |                          | Other Engines (e.g., Tactical Missile)  |
|    |                          | APUs/GTEs/ATS/SPS/GTCs  |
|    |                          | Engin. changeables/Components (e.g. bearings, blades and vanes)                         |
|    |                          |   |
|    |                          |   |

| Other | Indust Indust Indust Equipment (IPE)  Depot Fleet/Field Support (e.g., training and field teams) |  |
|-------|--|--|
|       |  |  |

### Reference #19: Required Capacity Index for Depot Commodity Groups

installation using the formula in Chapter 3 of the DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoDD 4151.18H, dtd Jan 24, 1997 and Handbook Supplemental guidance, dtd Oct 4, 2001. (See OSD BRAC library or Question: Calculate the required capacity index for the depot commodity groups applicable to depot maintenance work at each maintenance

hours (DLH) by commodity groups for each Fiscal Year requested. http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html.). Provide your answers expressed in direct labor

publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used Source / Reference: Required Capacity Index formula in Chapter 3 of DoDD 4151.18H. If not available, provide document/database and

subassemblies, and testing and reclamation of equipment as necessary, regardless of the source of funds for the maintenance or repair at a activities that perform materiel maintenance and repair requiring overhaul, upgrading, modification, or rebuilding of parts, assemblies, or Amplification: This question is to be answered by activities performing depot level maintenance. Depot Level Maintenance activities are defined as:

government owned activity.

For specific definitions, see the OSD BRAC library.

| Example of how your grid will look                                | 177 (7)        |    | EVA (DI H (V))   EVAS (DI H (V))   EVA9 (DI.H (V)) | FY09 (DI.H (K))   |
|---|----------------|----|--|-------------------|
| Depot Level Commodity Groups                                      | FY03 (DLH (K)) | +- | FIUD (DLII (N))                                    | 1 102 (DL11 (14)) |
| Aircraft Rotary   |                |    |  |                   |
| Aircraft VSTOL  |                |    |  |                   |
| Aircraft Cargo/Tanker   |                |    |  |                   |
| Aircraft Fighter/Attack   |                |    |  |                   |
| Aircraft Bomber   |                |    |  |                   |
| Aircraft Other  |                |    |  |                   |
| Aircraft Dynamic Components                                       |                |    |  |                   |
| Aircraft Hydraulic Components                                     |                |    |  |                   |
| Aircraft Pneumatic Components                                     |                |    |  |                   |
| Aircraft Instruments Components                                   |                |    |  |                   |
| Aircraft Landing Gear (include wheels/brakes) Components          |                |    |  |                   |
| Aircraft Ordnance Equipment (e.g., racks and rails) Comp          |                |    |  |                   |
| Aircraft Avionics/Electronics Components                          |                |    |  |                   |
| Aircraft Structure Components (e.g., flaps and seats)             |                |    |  |                   |
| Aircraft Other Components   |                |    |  |                   |
| Aircraft Engine Turboprop/Turboshaft                              |                |    |  |                   |
| Aircraft Engine Turbofan Bypass                                   |                |    |  |                   |
| Aircraft Engine Turbofan/TurboJet Augmented                       |                |    |  |                   |
| Engine Exchangeables/Components (e.g. bearings, blades and vanes) |                |    |  |                   |
| APUs/GTEs/ATS/SPS/GTCs  |                |    |  |                   |
|   |                |    |  |                   |

|   |   |  | Depot Fleet/Field Support (e.g., training and field teams)        |
|---|---|--|---|
|   |   |  | Industrial Plant Equipment (IPE)                                  |
|   |   |  | Fabrication and Manufacturing                                     |
|   |   |  | Software Support Equipment  |
|   |   |  | Software Weapon System  |
|   |   |  | Tactical Missiles (e.g., TOWS, MLRS, Patriots)                    |
|   |   |  | Strategic Missiles  |
|   |   |  | Small Arms/Personal Weapons                                       |
|   |   |  | Conventional Weapons (torpedoes, mines, etc.)                     |
|   |   |  | Other Equipment (ROWPUs, kitchens, showers, troops support equip) |
|   |   |  | Calibration   |
|   |   |  | TMDE  |
|   |   |  | Generators  |
|   |   |  | Ground Support Equipment  |
|   |   |  | Electronic Components (non-airborne)                              |
|   |   |  | Computers   |
|   |   |  | Crypto  |
|   |   |  | Electro-Optics/Night Vision/FLIR                                  |
|   |   |  | Navigational Aids   |
| Ì |   |  | Electronic Warfare  |
| Ì |   |  | Wire  |
| Ì |   |  | Radio   |
|   |   |  | Radar   |
|   |   |  | Other Components (e.g., hydraulics, pneumatic, electrical)        |
|   |   |  | Fire Control Systems and Components                               |
|   |   |  | Armament and Structural Components                                |
|   |   |  | Starters/Alternators/Generators                                   |
|   |   |  | Powertrain Components   |
|   |   |  | Engines/Transmissions   |
|   |   |  | Other Vehicles  |
|   |   |  | Material Handling   |
|   |   |  | Construction Equipment  |
|   |   |  | Amphibious Vehicles   |
|   |   |  | Combat Vehicles (e.g., tanks, APC, propelled/tow artillery)       |
|   |   |  | al V  |
|   | ļ |  | Other nes (e.g., Tactical Missile)                                |
|   |   |  |   |

### Reference #20: Maximum Capacity for Depot Commodity Groups

availability factor of .95 X annual productive hours of 1615). Provide your answers expressed in direct labor hours (DLH) by commodity groups f using the formula in Chapter 3 of DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoDD 4151.18H (work positions X each Fiscal Year requested. NOTE: See DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoDD 4151.18H, dtd Jan 24 Question: Calculate the maximum capacity for the depot commodity groups applicable to depot maintenance work at each maintenance installation 1997 and Handbook Supplemental guidance, dtd Oct 4, 2001. (See OSD BRAC library or

http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html.)

and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: Standard factors as outlined in Chapter 2 of DoDD 4151.18H. If not available, provide document/database and publication da

government owned activity. subassemblies, and testing and reclamation of equipment as necessary, regardless of the source of funds for the maintenance or repair at a activities that perform materiel maintenance and repair requiring overhaul, upgrading, modification, or rebuilding of parts, assemblies, or Amplification: This question is to be answered by activities performing depot level maintenance. Depot Level Maintenance activities are defined a

For specific definitions, see the OSD BRAC library.

| Denot Level Commodity Groups                                      | FY03 (DI H (K)) | FV04 (DI H (K)) | FY04 (DI H (K))   FY05 (DI H (K))   FY09 (DI H (K | FY09 (DI H (K |
|---|-----------------|-----------------|---|---------------|
| Aircraft Rotary   |                 |                 |   |               |
| Aircraft VSTOL  |                 |                 |   |               |
| Aircraft Cargo/Tanker   |                 |                 |   |               |
| Aircraft Fighter/Attack   |                 |                 |   |               |
| Aircraft Bomber   |                 |                 |   |               |
| Aircraft Other  |                 |                 |   |               |
| Aircraft Dynamic Components                                       |                 |                 |   |               |
| Aircraft Hydraulic Components                                     |                 |                 |   |               |
| Aircraft Pneumatic Components                                     |                 |                 |   |               |
| Aircraft Instruments Components                                   |                 |                 |   |               |
| Aircraft Landing Gear (include wheels/brakes) Components          |                 |                 |   |               |
| Aircraft Ordnance Equipment (e.g., racks and rails) Comp          |                 |                 |   |               |
| Aircraft Avionics/Electronics Components                          |                 |                 |   |               |
| Aircraft Structure Components (e.g., flaps and seats)             |                 |                 |   |               |
| Aircraft Other Components   |                 |                 |   |               |
| Aircraft Engine Turboprop/Turboshaft                              |                 |                 |   |               |
| Aircraft Engine Turbofan Bypass                                   |                 |                 |   |               |
| Aircraft Engine Turbofan/TurboJet Augmented                       |                 |                 |   |               |
| Engine Exchangeables/Components (e.g. bearings, blades and vanes) |                 |                 |   |               |
|   |                 |                 |   |               |

| 52 | Purposes Only | Druft Deliberation Decument For Discussion                        |
|----|---------------|---|
|    |               | Industrial Plant Equipment (IPE)                                  |
|    |               | Fabrication and Manufacturing                                     |
|    |               | Software Support Equipment  |
|    |               | Software Weapon System  |
|    |               | Tactical Missiles (e.g., TOWS, MLRS, Patriots)                    |
|    |               | Strategic Weapons   |
|    |               | Small Arms/Personal Weapons                                       |
|    |               | Conventional Weapons (torpedoes, mines, etc.)                     |
|    |               | Other Equipment (ROWPUs, kitchens, showers, troops support equip) |
|    |               | Calibration   |
|    |               | TMDE  |
|    |               | Generators  |
|    |               | Ground Support Equipment  |
|    |               | Electronic Components (non-airborne)                              |
|    |               | Computers   |
|    |               | Crypto  |
|    |               | Electro-Optics/Night Vision/FLIR                                  |
|    |               | Navigational Aids   |
|    |               | Electronic Warfare  |
|    |               | Wire  |
|    |               | Radio   |
|    |               | Radar   |
|    |               | Other Components (e.g., hydraulics, pneumatic, electrical)        |
|    |               | Fire Control Systems and Components                               |
|    |               | Armament and Structural Components                                |
|    |               | Starters/Alternators/Generators                                   |
|    |               | Powertrain Components   |
|    |               | Engines/Transmissions   |
|    |               | Other Vehicles  |
|    |               | Material Handling   |
|    |               | Construction Equipment  |
|    |               | Amphibious Vehicles   |
|    |               | Combat Vehicles (e.g., tanks, APC, propelled/tow artillery)       |
|    |               | Tactical Vehicles (e.g., trucks, trailer, bridge)                 |
|    |               | Other Engines (e.g., Tactical Missile)                            |
|    |               | APUs. \(\frac{1}{2}\)s/ATS/SPS/GTCs                               |
|    |               |   |

| Other | Depoi  |  |
|-------|--|--|
|       | Field Support (e.g., training and field teams) |  |
|       |  |  |
|       |  |  |
|       |  |  |

# Index: Industrial: Maintenance: Depot Level Maintenance: Core Capability Requirements and Workload

Reference #26: Installation Core Capability Requirements by Depot Commodity Grp and Fiscal Yr

your Service (in DLH) is being provided at your installation? Question: NOTE: This question is to be answered for each installation performing depot maintenance. What amount of depot core capability for

document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used Source / Reference: Core Capabilities will be based on DoD core methodology dtd November 10, 2003. If not available, provide

government owned activity. subassemblies, and testing and reclamation of equipment as necessary, regardless of the source of funds for the maintenance or repair at a activities that perform materiel maintenance and repair requiring overhaul, upgrading, modification, or rebuilding of parts, assemblies, or Amplification: This question is to be answered by activities performing depot level maintenance. Depot Level Maintenance activities are defined as:

| Example of how your grid will look  Depot Level Commodity Groups  | FY03 (DLH (K)) | FY05 (DLH (K)) FY09 (DLH (K)) | FY09 (DLH (K)) |
|---|----------------|-------------------------------|----------------|
| Aircraft Rotary   |                |                               |                |
| Aircraft VSTOL  |                |                               |                |
| Aircraft Cargo/Tanker   |                |                               |                |
| Aircraft Fighter/Attack   |                |                               |                |
| Aircraft Bomber   |                |                               |                |
| Aircraft Other  |                |                               |                |
| Aircraft Dynamic Components                                       |                |                               |                |
| Aircraft Hydraulic Components                                     |                |                               |                |
| Aircraft Pneumatic Components                                     |                |                               |                |
| Aircraft Instruments Components                                   |                |                               |                |
| Aircraft Landing Gear (include wheels/brakes) Components          |                |                               |                |
| Aircraft Ordnance Equipment (e.g., racks and rails) Comp          |                |                               |                |
| Aircraft Avionics/Electronics Components                          |                |                               |                |
| Aircraft Structure Components (e.g., flaps and seats)             |                |                               |                |
| Aircraft Other Components   |                |                               |                |
| Aircraft Engine Turboprop/Turboshaft                              |                |                               |                |
| Aircraft Engine Turbofan Bypass                                   |                |                               |                |
| Aircraft Engine Turbofan/TurboJet Augmented                       |                |                               |                |
| Engine Exchangeables/Components (e.g. bearings, blades and vanes) |                |                               |                |
| APUs/GTEs/ATS/SPS/GTCs  |                |                               |                |
| Other Engines (e.g., Tactical Missile)                            |                |                               |                |

| Other   |
|---|
| Depot Fleet/Field Support (e.g., training and field teams)        |
| Industrial Plant Equipment (IPE)                                  |
| Fabrication and Manufacturing                                     |
| Software Support Equipment  |
| Software Weapon System  |
| Tactical Missiles (e.g., TOWS, MLRS, Patriots)                    |
| Strategic Missiles  |
| Small Arms/Personal Weapons                                       |
| Conventional Weapons (torpedoes, mines, etc.)                     |
| Other Equipment (ROWPUs, kitchens, showers, troops support equip) |
| Calibration   |
| TMDE  |
| Generators  |
| Ground Support Equipment  |
| Electronic Components (non-airborne)                              |
| Computers   |
| Crypto  |
| Electro-Optics/Night Vision/FLIR                                  |
| Navigational Aids   |
| Electronic Warfare  |
| Wire  |
| Radio   |
| Radar   |
| Other Components (e.g., hydraulics, pneumatic, electrical)        |
| Fire Control Systems and Components                               |
| Armament and Structural Components                                |
| Starters/Alternators/Generators                                   |
| Powertrain Components   |
| Engines/Transmissions   |
| Other Vehicles  |
| Material Handling   |
| Construction Equipment  |
| Amphibious Vehicles   |
| it Ve   |
| Tactic hicles (e.g., trucks, trailer, bridge)                     |
|   |

Reference #27: Service Core Capability Requirements by Depot Commodity Group and Fiscal Yr

the source of funds for the maintenance or repair at a government owned activity. upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as necessary, regardless of maintenance. Depot Level Maintenance activities are defined as: activities that perform materiel maintenance and repair requiring overhaul, Amplification: QUESTION/INSTRUCTIONS: If more than one inter-service customer pertains, enter "A" for Army, "N" for Navy, "AF" for Air document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. Source / Reference: Core Capabilities will be based on DoD core methodology dtd November 10, 2003. If not available, provide adding Column "Total Depot Maintenance Core Capability Requirements and Column "Inter-service In" and then subtracting "Inter-service Out". note which Service the core capabilities requirements are going to. Column - "Total Core Requirements Service Must Provide" is calculated by service Out" is the total depot maintenance core capabilities requirements another Service is providing for your Service. Column - "To Service" is providing for other Services. Column - "From Service" is to note which Services the core capabilities requirements are from. Column - "Interof core capabilities between other Services. Column - "Inter-service In" is the total depot maintenance core capabilities requirements your Service in OSD. What is the amount of depot core capability (in DLH) that must be provided by your Service? (This includes the core requirements your Force, and "MC" for Marine Corps in "To Service" and "From Service" columns. This question is to be answered by activities performing depot lev Column "Total Depot Maintenance Core Capability Requirements" is your Service total core capabilities requirement before inter-servicing in or ou Service has agreed to provide for other Services). Provide your answers by commodity group for FY03, FY05 and FY09. For each Fiscal Year: Question: NOTE: This question is to be answered ONLY by the Service Headquarters organization responsible for reporting core capabilities to

Example of how your grid will look

| Aircraft Pneumatic | Components | Aircraft Hydraulic | Aircraft Dynamic Components | Aircraft Other | Aircraft Bomber | Aircraft Fighter/Attack | Aircraft Cargo/Tanker | Aircraft VSTOL | Aircraft Rotary |           |                   |            |        |              | Groups | Depot Level Commodity FY |
|--------------------|------------|--------------------|-----------------------------|----------------|-----------------|-------------------------|-----------------------|----------------|-----------------|-----------|-------------------|------------|--------|--------------|--------|--------------------------|
|                    |            |                    |                             |                |                 |                         |                       |                |                 | (DLH (K)) | Requirements      | Capability | Core   | Maintenance  | Depot  | FY03 Total               |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           | (K))              | (DLH       | In     | service      | Inter- | FY03                     |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           |                   |            | (Text) | Service      | From   | FY03                     |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           | (K))              | (DLH       | Out    |              | Inter- | FY03                     |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           |                   |            | (Text) | Service      | To     | FY03                     |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           | (DLH(K))          | Provide    |        | Requirements | Core   | FY03 Total               |
|                    |            |                    |                             |                |                 |                         |                       |                |                 | (DLH (K)) | Requirements (K)) | Capability | Core   | Maintenance  | Depot  | FY05 Total               |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           | (K))              | (DLH       | In     | service      | Inter- |                          |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           |                   |            | (Text) |              | From   |                          |
|                    |            |                    |                             |                |                 |                         |                       |                |                 |           | (K))              | (DLH       | Out    | service      | Inter- | FY05                     |

| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e. g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e. g., flaps and seats) Aircraft Structure Components (e. g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan  Bypass Aircraft Engine Turbofan  Bypass Aircraft Engine Turbofan  Apriscraft Engine Turbofan  Bypass (e. g. bearings, blades and APUsGTEsA/TS/SPS/GTCs Other Engines (e. g., Tackcal APUsGTEsA/TS/SPS/GTCs Other Engines (e. g., trucks, Irailer, bridge) Compant Vehicles (e. g., trucks, Irailer, bridge) Compant Vehicles (e. g., trucks, Irailer, Bridge) Comstruction Equipment Material Handing APUsGTEsA/Tsysps/GTCs Other Vehicles Engines/Transmissions  |  |  |  |   |      | Starters/Alternators/Generators      |
|--|--|--|--|---|------|--------------------------------------|
| Aircraft Instuments Components Aircraft Landing Gear (include wheels/brakes) Components (e.g., nacks and rails) Comp Aircraft Avionics/Electronics (components (e.g., flags and easts) Aircraft Structure Components (e.g., flags and easts) Aircraft Engine (e.g., flags and easts) Aircraft Engine Turborpop/Turboshaft Aircraft Engine Turborpop/Turboshaft Aircraft Engine Exchangeables/Components (e.g., branings, blades and vanes) APUs/GTES/ATS/SPS/GTCs Other Engines (e.g., Tactical Missile) Tactical Vehicles (e.g., trucks, frailter, bridge) Componels (e.g., trucks, frailter, bridge) C |  |  |  |   |      | Powertrain Components                |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Components (e.g., racks and rails) Comp Aircraft Avionics/Electrones Components (e.g., flaps and sears) Aircraft Other Components (e.g., flaps and sears) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan/Turbolet Augmented Engine Exchangsables/Components (e.g. bearings, blades and ames) Tactical Vehicles (e.g., tracks, trailer, bridge) Combat Vehicles (e.g., tracks, trailer, bridge) APC., propelled/low artillery) Appliblious Vehicles Construction Equipment Material Handling Other Vehicles  Construction Equipment Material Handling  |  |  |  |   |      | Engines/Transmissions                |
| Aircraft Landing Gear (include wheels/brakes) Components Aircraft Aircraft Aircraft Components Aircraft Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Aircraft Structure Components Components Components Aircraft Aircraft Structure Components (e.g., flaps and seats) Aircraft Coher Components Aircraft Engine Turbopop/Turboshaft Aircraft Engine Turbofan/Turbolel Augmented Exchangeables/Components Aircraft Engine Turbofan Spyass Aircraft Engine Turbofan/Turbolel Augmented Exchangeables/Components (e.g., bearings, blades and vanes) APUS/GTES/ATS/SPS/GTCs Other Engines (e.g., Tactical Missile)  APUS/GTES/ATS/SPS/GTCs  Anphibious Vehicles (e.g., tanks, APC, propelled/tow artilety) Combat Vehicles (e.g., tanks, APC, propelled/tow artilety) Construction Equipment Material Handling  Construction Equipment  |  |  |  |   |      | Other Vehicles                       |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan/Turbolet Augmented Engine Engine Engines Exchangeables/Components (e.g., bearings, blades and vanes) Vanes) Tactical Vehicles (e.g., Tactical Missile) Combat Vehicles (e.g., tracks, railer, bridge) Comstruction Equipment   |  |  |  |   |      | Material Handling                    |
| Aircraft Landing Gear (include wheels/brakes) Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flans and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan/Turboshaft Aircraft Engine Turbofan/Turboshaft Aircraft Engine Turbofan/Turboshaft Aircraft Engine Exchangeabs/Components (e.g., bearings, blades and rails) APU-JGTES/ATS/SPS/GTCs Other Engines (e.g., Tactical Missile) APU-JGTES/ATS/SPS/GTCs Other Engines (e.g., tracks, railer, bridge) APU-Jordel-Bolies (e.g., tracks, APC, propelled/tow artillery) Anphibious Vehicles (e.g., tanks, APC, propelled/tow artillery) Anphibious Vehicles  |  |  |  |   |      | Construction Equipment               |
| Aircraft Landing Gear (include wheels/brakes) Components Aircraft Components Aircraft Components Aircraft Anding Gear (include wheels/brakes) Components Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., Tabas and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan/Turbolet Augmented Engine Exchangeables/Components (e.g., bearings, blades and vanes) APUs/GTES/ATS/SPS/GTCs Other Engines (e.g., Tractical Missile) Combat Vehicles (e.g., tranks, APC, propelled/tow artillery) Combat Vehicles (e.g., tranks, APC, propelled/tow artillery) Combat Vehicles (e.g., tranks, APC, propelled/tow artillery) APC, propelled/tow artillery)   |  |  |  |   |      | Amphibious Vehicles                  |
| Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Arraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Other Components Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan Bypass Aircraft Engine Exchangeables/Components (e.g. bearings, blades and APUs/GTEs/ATS/SPS/GTCs Other Engines (e.g., Tactical Missile) Combat Vehicles (e.g., tunks,  |  |  |  |   |      | APC, propelled/tow artillery)        |
| Aircraft Landing Cear (include wheels/brakes) Components Aircraft Landing Cear (include wheels/brakes) Components Aircraft Avionics/Component (e.g., racks and rails) Comp Aircraft Structure Components (e.g., llaps and seats) Aircraft Engine Turboponents (e.g., bearings, blades and wanes) Aircraft Engine Exchangeables/Components (e.g., bearings, blades and Caption Components (e.g., bearings, blades and Caption  |  |  |  |   |      | Combat Vehicles (e.g., tanks,        |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofanr Urbofan Bypass Aircraft Engine Turbofanr Turbofan Bernine Exchangeables/Components (e.g. bearings, blades and vanes) APUs/GTES/ATS/SPS/GTCs APUs/GTES/ATS/SPS/GTCS  Altrical Vehicles (e.g., trucks,   |  |  |  |   |      | trailer, bridge)                     |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Components Aircraft Ordnance Equipment (e.g., racks and rails) Components Aircraft Avionics/Electronics Components Components (e.g., rlaps and seats) Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan/Turbolet Augmented Engine Exchangeables/Components (e.g., bearings, blades and APUs/GTEs/ATS/SPS/GTCs) Other Engines (e.g., Tactical Missile)  |  |  |  |   |      | Tactical Vehicles (e.g., trucks,     |
| Aircraft Landing Gear (include wheels/brakes) Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan Bypass Aircraft Engine Turbofan/TurboJet Augmented Engine Exchangeables/Components (e.g. bearings, blades and vanes) APUS/GTEs/ATS/SPS/GTCs Other Engines (e.g., Tactical  |  |  |  |   |      | Missile)                             |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Cordnance Equipment (e.g., racks and rails) Comp Aircraft Structure Components Components Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan Bytass Aircraft Engine Turbofan/Turbolet Augmented Engine Exchangeables/Components (e.g., bearings, blades and vanes) APUs/GTES/ATS/SPS/GTCs   |  |  |  |   |      | Other Engines (e.g., Tactical        |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan/Turbolet Augmented Exchangeables/Components (e.g., bearings, blades and vanes)  |  |  |  |   |      | APUs/GTEs/ATS/SPS/GTCs               |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Components Aircraft Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan/Turbolet Augmented Engine Exchangeables/Components (e.g., bearings, blades and   |  |  |  |   |      | vanes)                               |
| Comp. s Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofran/Turbolet Augmented Engine Exchangeables/Components   |  |  |  |   |      | <br>(e.g. bearings, blades and       |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan Bypass Aircraft Engine Turbotan/Turbolet Augmented Engine   |  |  |  | - | <br> | <br>Exchangeables/Components         |
| Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and seats) Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turbofan/Turbolet Augmented Turbofan/Turbolet Augmented   |  |  |  |   |      | Engine                               |
| Aircraft Instruments  Components  Aircraft Landing Gear (include wheels/brakes) Components  Aircraft Ordnance Equipment (e.g., racks and rails) Comp  Aircraft Avionics/Electronics  Components  Aircraft Structure Components (e.g., flaps and seats)  Aircraft Other Components  Aircraft Engine  Turboprop/Turboshaft  Aircraft Engine Turbofan  Bypass  Aircraft Engine  |  |  |  |   |      | Turbofan/TurboJet Augmented          |
| Aircraft Unter Components  Aircraft Engine  Turbopass  |  |  |  |   |      | Aircraft Engine                      |
| Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turboprop/Turboshaft Aircraft Engine Turboprop/Turboshaft Aircraft Engine |  |  |  |   |      | <br>Bypass                           |
| Aircraft Instruments  Components  Aircraft Landing Gear (include wheels/brakes) Components  Aircraft Ordnance Equipment (e.g., racks and rails) Comp  Aircraft Avionics/Electronics  Components  Aircraft Structure Components  (e.g., flaps and seats)  Aircraft Engine  Turboprop/Turboshaft   |  |  |  |   |      | Aircraft Engine Turbofan             |
| Aircraft Instruments  Components  Aircraft Landing Gear (include wheels/brakes) Components  Aircraft Ordnance Equipment (e.g., racks and rails) Comp  Aircraft Avionics/Electronics  Components  Aircraft Structure Components  Aircraft Other Components  Aircraft Other Components  Aircraft Engine  |  |  |  |   |      | Turboprop/Turboshaft                 |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components Aircraft Other Components  Aircraft Other Components  |  |  |  |   |      | Aircraft Engine                      |
| Aircraft Instruments Components Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components Aircraft Structure Components (e.g., flaps and seats)  |  |  |  |   |      | Aircraft Other Components            |
| Aircraft Instruments Components Components Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components   |  |  |  |   |      | (e.g., flaps and seats)              |
| Aircraft Instruments Components Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components  |  |  |  |   |      | Aircraft Structure Components        |
| Aircraft Instruments  Components  Components  Aircraft Landing Gear (include wheels/brakes) Components  Aircraft Ordnance Equipment (e.g., racks and rails) Comp  Aircraft Avionics/Electronics  |  |  |  |   |      | Components                           |
| Aircraft Instruments Components Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp   |  |  |  |   |      | Aircraft Avionics/Electronics        |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment   |  |  |  |   |      | (e.g., racks and rails) Comp         |
| Aircraft Instruments Components Components Aircraft Landing Gear (include wheels/brakes) Components  |  |  |  |   |      | Aircraft Ordnance Equipment          |
| Aircraft Instruments  Components  Aircraft Landing Gear (include   |  |  |  |   |      | wheels/brakes) Components            |
| Aircraft Instruments  Components   |  |  |  |   |      | Aircraft Landing Gear (include       |
| Comp s   |  |  |  |   | <br> | <br>Aircraft Instruments  Components |
|  |  |  |  | + |      | Comp s                               |

|                               | _ | <br> |      |   |  |
|-------------------------------|---|------|------|---|--|
| Components                    |   |      |      |   |  |
| Fire Control Systems and      |   |      |      |   |  |
| Components                    |   |      |      |   |  |
| Other Components (e.g.,       |   |      |      |   |  |
| hydraulics, pneumatic,        |   |      |      |   |  |
| electrical)                   |   |      |      |   |  |
| Radar                         |   |      |      |   |  |
| Radio                         |   |      |      |   |  |
| Wire                          |   |      |      |   |  |
| Electronic Warfare            |   |      |      |   |  |
| Navigational Aids             |   |      |      |   |  |
| Electro-Optics/Night          |   |      |      |   |  |
| Crypto                        |   |      |      |   |  |
| Computers                     |   |      |      |   |  |
| Electronic Components (non-   |   |      |      |   |  |
| airborne)                     |   |      |      |   |  |
| Ground Support Equipment      |   |      |      |   |  |
| Generators                    |   |      |      |   |  |
| TMDE                          |   |      |      |   |  |
| Calibration                   |   |      |      |   |  |
| Other Equipment (ROWPUs,      |   |      |      |   |  |
| kitchens, showers, troops     |   |      |      | *************************************** |  |
| support equip)                |   |      |      |   |  |
| Conventional Weapons          |   |      | <br> |   |  |
| (topedoes, mines, etc.)       |   |      |      |   |  |
| Small Arms/Personal           |   |      |      |   |  |
| weapons                       |   |      |      |   |  |
| Strategic Missiles            |   |      |      |   |  |
| MIRS Patriots)                |   |      |      |   |  |
| Software Weapon System        |   |      |      |   |  |
| Software Support Equipment    |   |      |      |   |  |
| Fabrication and Manufacturing |   |      |      |   |  |
| Industrial Plant Equipment    |   |      |      |   |  |

| Other | (e.g., training and field teams) | Depot Fleet/Field Support | (IPE) |
|-------|----------------------------------|---------------------------|-------|
|       |                                  |                           |       |
|       |                                  |                           |       |
|       |                                  |                           |       |
|       |                                  |                           |       |
|       |                                  |                           |       |
|       |                                  |                           |       |

### Index. andustrial: Maintenance: Depot Level Maintenan Workload

## Reference #21: Funded and/or programmed workloads by Depot commodity group and Fiscal Year

Non-DoD Federal Agencies Workload, or Partnerships Under Title 10 USC, Section 2474) for Fiscal Year (in DLH (K)). delineated in other non-core sustaining workload questions by source category (FMS Workload, Directed Workload, Last Source Workload, Other (FMS), Last Source of Repair, etc.) NOTE: The calculated number that you enter in the column "All Remaining Organic Workload" will be further the total inter-service workload (in DLHs) being performed at your installation from all other Services; Column "Workload Needed to Sustain Core Question: Fill in the funded or programmed workloads by depot level commodity group for FY03, FY04, FY05 and FY09 (FY03 will be end of 4th Requirements" and then subtracting the result from "Quantify Total Organic Depot Maintenance Workload" (This includes Foreign Military Sales Column "All Remaining Organic Workload" is calculated by adding "Inter-service in DLH(K) and "Workload Needed to Sustain Core Capability Capability Requirements" is the total workload (in DLH (K)) being performed to sustain core capability at your installation for all services; and Workload" is the total organic workload (In DLHs) being performed at your installation from all funded sources; Column "Inter-service DLHs In" is Qtr actuals and FY04, FY05 and FY09 will be projections). Columns are defined as: Column "Quantify Total Organic Depot Maintenance

**Source / Reference:** See this Question's Amplification for source/reference.

subassemblies, and testing and reclamation of equipment as necessary, regardless of the source of funds for the maintenance or repair at a defined as: activities that perform materiel maintenance and repair requiring overhaul, upgrading, modification, or rebuilding of parts, assemblies, o document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. QUESTION data; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workload INSTRUCTIONS: This question is to be answered by activities performing depot level maintenance. Depot Level Maintenance activities are Performance System (AWPs); DLA: Defense Supply Center Richmond, Departmental Database (DDD). If not available, provide Amplification: SOURCE: USAF use Maintenance Planning & Execution System (MP&E); USN: Financial/Production Control Systems an budget

For specific definitions, see the OSD BRAC library.

government owned activity.

| Example of now your grid will look | 1200k<br>  12000 |         | EVA          |                 | EVOY        |         | EVOA         | FY04 All FY05     | FY05     |
|------------------------------------|------------------|---------|--------------|-----------------|-------------|---------|--------------|-------------------|----------|
| Depot Level Commodity              | FY03             | FY03    | FY03         | FY03 All        | FY04        | FY04    | FY04         | FY04 AII          | FYUD     |
| Groups                             | Quantify         | Inter-  | Workload     | Remaining       | Quantify    | Inter-  | Workload     | Remaining Quantif | Quant    |
| ,                                  | Total            | service | Needed to    | Organic         | Total       | service | Needed to    | Organic           | Total    |
|                                    | Organic          | DLHs    | Sustain Core | Workload        | Organic     | DLHs    | Sustain Core | Workload Organic  | Orga:    |
|                                    | Depot            | In      | Capability   | (DLH (K)) Depoi | Depot       | In      | Capability   | (DLH (K)) Depot   | Depo     |
|                                    | Maint            | (DLH    | Requirements |                 | Maintenance | (DLH    | Requirements |                   | Main     |
|                                    | Workload         | (K))    | (DLH(K))     |                 |             | (K))    | (DLH (K))    |                   | Workload |
|                                    | (DLH             |         |              |                 | (DLH (K))   |         |              |                   | (DLH(K)  |
|                                    | (K))             |         |              |                 |             |         |              |                   |          |
| Aircraft Rotary                    |                  |         |              |                 |             |         |              |                   |          |
| Aircraft VSTOL                     |                  |         |              |                 |             |         |              |                   |          |
| Aircraft Cargo/Tanker              |                  |         |              |                 |             |         |              |                   |          |

| trailer, bridge)  Combat Vehicles (e.g., tanks, APC, propelled/tow artillery) | Other Engines (e.g., Tactical Missile)  Tactical Vehicles (e.g., trucks, | APUs/GTEs/ATS/SPS/GTCs | vanes) | Exchangeables/Components | Engine | Aircraft Engine Turbofan/TurboJet Augmented | Bypass | Aircraft Engine Turbofan | Turboprop/Turboshaft | Aircraft Engine | Aircraft Other Components | (e.g., flaps and seats) | Aircraft Structure Components | Components | Aircraft Avionics/Electronics | (e.g., racks and rails) Comp | Aircraft Ordnance Equipment | Aircraft Landing Gear (include   wheels/brakes) Components | Components | Aircraft Instruments | Components | Aircraft Pneumatic | Components | Aircraft Hydraulic | Aircraft Dynamic Components | Aircraft Other | ft B | Aircra ghter/Attack |
|---|--|------------------------|--------|--------------------------|--------|---|--------|--------------------------|----------------------|-----------------|---------------------------|-------------------------|-------------------------------|------------|-------------------------------|------------------------------|-----------------------------|--|------------|----------------------|------------|--------------------|------------|--------------------|-----------------------------|----------------|------|---------------------|
|   |  |                        |        |                          |        |   |        |                          |                      |                 |                           |                         |                               |            |                               |                              |                             |  |            |                      |            |                    |            |                    |                             |                |      |                     |
|   |  |                        |        |                          |        |   |        |                          |                      |                 |                           |                         |                               |            |                               |                              |                             |  |            |                      |            |                    |            |                    |                             |                |      |                     |
|   |  |                        |        |                          |        |   |        |                          |                      |                 |                           |                         |                               |            |                               |                              |                             |  |            |                      |            |                    |            |                    |                             |                |      |                     |
|   |  |                        |        |                          |        |   |        |                          |                      |                 |                           |                         |                               |            |                               |                              |                             |  |            |                      |            |                    |            |                    |                             |                |      |                     |

| Small Arms/Personal Weapons | (torpedoes, mines, etc.) | Conventional Weapons | support equip) | kitchens, showers, troops | Other Equipment (ROWPUs, | Calibration | TMDE | Octicianois | Generators  Generators | Cround Compart Equipment | Electronic Components (non- | Computers | Crypto | Vision/FLIR | Electro-Optics/Night | Navigational Aids | Electronic Warfare | Wire | Radio | Radar | electrical) | hydraulics, pneumatic, | Other Components (e.g., | Components | Fire Control Systems and | Components | Armament and Structural | Starters/Alternators/Generators | Powertrain Components | Engines/Transmissions | Other Vehicles | Material Handling | Construction Equipment | Allipi di vellicies |
|-----------------------------|--------------------------|----------------------|----------------|---------------------------|--------------------------|-------------|------|-------------|------------------------|--------------------------|-----------------------------|-----------|--------|-------------|----------------------|-------------------|--------------------|------|-------|-------|-------------|------------------------|-------------------------|------------|--------------------------|------------|-------------------------|---------------------------------|-----------------------|-----------------------|----------------|-------------------|------------------------|---------------------|
|                             |                          |                      |                |                           |                          |             |      |             |                        |                          |                             |           |        |             |                      |                   |                    |      |       |       |             |                        |                         |            |                          |            |                         |                                 |                       |                       |                |                   |                        |                     |
|                             |                          |                      |                |                           |                          |             |      |             |                        |                          |                             |           |        |             | •                    |                   |                    |      |       |       |             |                        |                         |            |                          |            |                         |                                 |                       |                       |                |                   |                        |                     |
|                             |                          |                      |                |                           |                          |             |      |             |                        |                          |                             |           |        |             |                      |                   |                    |      |       |       |             |                        |                         |            |                          |            |                         |                                 |                       |                       |                |                   |                        |                     |

| Other | (e.g., training and field teams) | Depot Fleet/Field Support | (IPE) | Industrial Plant Equipment | Fabrication and Manufacturing | Ootto and political and | Software Sunnort Equipment | Software Weapon System | MILAN, I attions) | MI DC Datriote) | Tactical Missiles (e.g., TOWS, | Stidic, Haarica | Strate |  |
|-------|----------------------------------|---------------------------|-------|----------------------------|-------------------------------|---|----------------------------|------------------------|-------------------|-----------------|--------------------------------|-----------------|--------|--|
|       |                                  |                           |       |                            |                               |   |                            |                        |                   |                 |                                |                 |        |  |
|       |                                  |                           |       |                            |                               |   |                            |                        |                   |                 |                                |                 |        |  |
|       |                                  |                           |       |                            |                               |   |                            |                        |                   |                 |                                |                 |        |  |
|       |                                  |                           |       |                            |                               |   |                            |                        |                   |                 |                                |                 |        |  |
|       |                                  |                           |       |                            |                               |   |                            |                        |                   |                 |                                |                 |        |  |
|       |                                  |                           |       |                            |                               |   |                            |                        |                   |                 |                                |                 |        |  |
|       |                                  |                           |       |                            |                               |   |                            |                        |                   |                 |                                | -               |        |  |

Reference #22: FMS (non-core sustaining) Organic Workload by Depot Commodity Grp and Fiscal Yr

category (FMS Workload, Directed Workload, Last Source Workload, Other Non-DoD Federal Agencies Workload, or Partnerships Under Title 1 sustaining" organic workloads (in DLHs), do you perform by source category - "FMS Workload"? Note: There are additional questions by source Question: For FY03, FY04, FY05 and FY09 (FY03 will be end of 4th Qtr actuals and FY04, FY05 and FY09 will be projections), what "non-core USC, Section 2474), select the most appropriate category but do not duplicate workload on more than one category.

Source / Reference: See this Question's Amplification for source/reference.

the source of funds for the maintenance or repair at a government owned activity. data; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Worklov upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as necessary, regardless of maintenance. Depot Level Maintenance activities are defined as: activities that perform materiel maintenance and repair requiring overhaul, "Professional judgment" will not be used. QUESTION INSTRUCTIONS: This question is to be answered by activities performing depot level Performance System (AWPs). If not available, provide document/database and publication date and/or methodology used to arrive at answer. Amplification: SOURCE: USAF use Maintenance Planning & Execution System (MP&E); USN: Financial/Production Control Systems an budge

| Example of how your grid will look                  |                                      |                                      | •                                    |                                      |
|---|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Depot Level Commodity Groups                        | FY03 Direct Labor<br>Hours (DLH (K)) | FY04 Direct Labor<br>Hours (DLH (K)) | FY05 Direct Labor<br>Hours (DLH (K)) | FY09 Direct Labor<br>Hours (DLH (K)) |
| Aircraft Rotary                                     |                                      |                                      |                                      |                                      |
| Aircraft VSTOL                                      |                                      |                                      |                                      |                                      |
| Aircraft Cargo/Tanker                               |                                      |                                      |                                      |                                      |
| Aircraft Fighter/Attack                             |                                      |                                      |                                      |                                      |
| Aircraft Bomber                                     |                                      |                                      |                                      |                                      |
| Aircraft Other                                      |                                      |                                      |                                      |                                      |
| Aircraft Dynamic Components                         |                                      |                                      |                                      |                                      |
| Aircraft Hydraulic Components                       |                                      |                                      |                                      |                                      |
| Aircraft Pneumatic Components                       |                                      |                                      |                                      |                                      |
| Aircraft Instruments Components                     |                                      |                                      |                                      |                                      |
| Aircraft Landing Gear (include wheels/brakes)       |                                      |                                      |                                      |                                      |
| Aircraft Ordnance Equipment (e.g., racks and rails) |                                      |                                      |                                      | •                                    |
| Aircraft Avionics/Flectronics Components            |                                      |                                      |                                      |                                      |
| Aircraft Structure Components (e.g., flaps and      |                                      |                                      |                                      |                                      |
| Aircraft Other Components                           |                                      |                                      |                                      |                                      |

|   | Other Equipment (ROWPUs, kitchens, showers, troops support equip) |
|---|---|
|   | Calibration   |
|   | TMDE  |
|   | Generators  |
|   | Ground Support Equipment  |
|   | Electronic Components (non-airborne)                              |
|   | Computers   |
|   | Crypto  |
|   | Electro-Optics/Night Vision/FLIR                                  |
|   | Navigational Aids   |
|   | Electronic Warfare  |
|   | Wire  |
|   | Radio   |
|   | Radar   |
|   | electrical)   |
|   | Other Components (e.g., hydraulics, pneumatic,                    |
|   | Fire Control Systems and Components                               |
|   | Armament and Structural Components                                |
|   | Starters/Alternators/Generators                                   |
|   | Powertrain Components   |
|   | Engines/Transmissions   |
|   | Other Vehicles  |
|   | Material Handling   |
|   | Construction Equipment  |
|   | Amphibious Vehicles   |
|   | artillery)  |
|   | Combat Vehicles (e.g., tanks, APC, propelled/tow                  |
|   | Tactical Vehicles (e.g., trucks, trailer, bridge)                 |
|   | Other Engines (e.g., Tactical Missile)                            |
|   | APUs/GTEs/ATS/SPS/GTCs  |
|   | blades and vanes)   |
|   | Engine Exchangeables/Components (e.g. bearings,                   |
|   | Aircraft Engine Turbofan/TurboJet Augmented                       |
|   | ft Ei   |
|   | Aircr, gine Turboprop/Turboshaft                                  |
| - |   |

|   | Care  |
|---|---|
|   | Other   |
|   | (eams)  |
|   | Depot Fleet/Field Support (e.g., training and field |
|   | Industrial Plant Equipment (IPE)                    |
|   | Fabrication and Manufacturing                       |
|   | Software Support Equipment                          |
|   | Software Weapon System                              |
|   | Tactical Missiles (e.g., TOWS, MLKS, Patriots)      |
|   | Strategic Missiles                                  |
|   | Small Arms/Personal Weapons                         |
|   | Conv ial Weapons (torpedoes, mines, etc.)           |
| _ |   |

Reference #23: Directed (non-core sustaining) Organic Workload by Depot Commodity Grp and Fiscal Yr

sustaining" organic workloads (in DLHs), do you perform by source category - "Directed Workload" (includes work directed by a State Department Workload, Directed Workload, Last Source Workload, Other Non-DoD Federal Agencies Workload, or Partnerships Under Title 10 USC, Section (other than normal FMS agreements) that must be performed organically)? Note: There are additional questions by source category (FMS Question: For FY03, FY04, FY05 and FY09 (FY03 will be end of 4th Qtr actuals and FY04, FY05 and FY09 will be projections), what "non-core 2474), select the most appropriate category but do not duplicate workload on more than one category.

Source / Reference: See this Question's Amplification for source/reference.

data; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workload upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as necessary, regardless of "Professional judgment" will not be used. QUESTION INSTRUCTIONS: This question is to be answered by activities performing depot level Amplification: SOURCE: USAF use Maintenance Planning & Execution System (MP&E); USN: Financial/Production Control Systems an budget Performance System (AWPs). If not available, provide document/database and publication date and/or methodology used to arrive at answer. the source of funds for the maintenance or repair at a government owned activity. maintenance. Depot Level Maintenance activities are defined as: activities that perform materiel maintenance and repair requiring overhaul,

| Aircraft Rotary  Aircraft VSTOL  Aircraft Cargo/Tanker  Aircraft Fighter/Attack  Aircraft Bomber  Aircraft Dynamic Components  Aircraft Hydraulic Components  Aircraft Instruments Components  Aircraft Landing Gear (include wheels/brakes)  Components  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and  | Depot Level Commodity Groups    FY03 Direct Labor Hours (DLH (K)) | <br>FY04 Direct Labor<br>Hours (DLH (K)) | FY05 Direct Labor<br>Hours (DLH (K)) | FY09 Direct Labor<br>Hours (DLH (K)) |
|---|---|--|--------------------------------------|--------------------------------------|
| Aircraft VSTOL Aircraft Cargo/Tanker Aircraft Fighter/Attack Aircraft Bomber Aircraft Other Aircraft Dynamic Components Aircraft Hydraulic Components Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and | Aircraft Rotary   |  |                                      |                                      |
| Aircraft Cargo/Tanker  Aircraft Fighter/Attack  Aircraft Bomber  Aircraft Other  Aircraft Dynamic Components  Aircraft Pneumatic Components  Aircraft Instruments Components  Aircraft Landing Gear (include wheels/brakes)  Components  Aircraft Ordnance Equipment (e.g., racks and rails)  Comp  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and    | Aircraft VSTOL  |  |                                      |                                      |
| Aircraft Fighter/Attack Aircraft Bomber Aircraft Other Aircraft Dynamic Components Aircraft Hydraulic Components Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and                                      | Aircraft Cargo/Tanker   |  |                                      |                                      |
| Aircraft Bomber Aircraft Other Aircraft Other Aircraft Dynamic Components Aircraft Hydraulic Components Aircraft Pneumatic Components Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and                 | Aircraft Fighter/Attack   |  |                                      |                                      |
| Aircraft Other  Aircraft Dynamic Components  Aircraft Hydraulic Components  Aircraft Pneumatic Components  Aircraft Instruments Components  Aircraft Landing Gear (include wheels/brakes)  Components  Aircraft Ordnance Equipment (e.g., racks and rails)  Comp  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and                                      | Aircraft Bomber   |  |                                      |                                      |
| Aircraft Dynamic Components  Aircraft Hydraulic Components  Aircraft Pneumatic Components  Aircraft Instruments Components  Aircraft Landing Gear (include wheels/brakes)  Components  Aircraft Ordnance Equipment (e.g., racks and rails)  Comp  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and  | Aircraft Other  |  |                                      |                                      |
| Aircraft Hydraulic Components  Aircraft Pneumatic Components  Aircraft Instruments Components  Aircraft Landing Gear (include wheels/brakes)  Components  Aircraft Ordnance Equipment (e.g., racks and rails)  Comp  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and   | Aircraft Dynamic Components                                       |  |                                      |                                      |
| Aircraft Pneumatic Components  Aircraft Instruments Components  Aircraft Landing Gear (include wheels/brakes)  Components  Aircraft Ordnance Equipment (e.g., racks and rails)  Comp  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and  | Aircraft Hydraulic Components                                     |  |                                      |                                      |
| Aircraft Instruments Components Aircraft Landing Gear (include wheels/brakes) Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and   | Aircraft Pneumatic Components                                     |  |                                      |                                      |
| Aircraft Landing Gear (include wheels/brakes)  Components  Aircraft Ordnance Equipment (e.g., racks and rails)  Comp  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and  | Aircraft Instruments Components                                   |  |                                      |                                      |
| Components Aircraft Ordnance Equipment (e.g., racks and rails) Comp Aircraft Avionics/Electronics Components Aircraft Structure Components (e.g., flaps and   | Aircraft Landing Gear (include wheels/brakes)                     |  |                                      |                                      |
| Aircraft Ordnance Equipment (e.g., racks and rails)  Comp  Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and   | Components  |  |                                      |                                      |
| Aircraft Avionics/Electronics Components  Aircraft Structure Components (e.g., flaps and  | Aircraft Ordnance Equipment (e.g., racks and rails)               |  |                                      |                                      |
| Aircraft Structure Components (e.g., flaps and  | Aircraft Avionics/Electronics Components                          |  |                                      |                                      |
|   | Aircraft Structure Components (e.g., flaps and                    |  |                                      |                                      |
| seats)  | seats)  |  |                                      |                                      |

|  | Curer Equipment (100 H1 Co, Michello, one mero,                   |
|--|---|
|  | Other Equipment (ROWPI is kitchens showers                        |
|  | Calibration   |
|  | TMDE  |
|  | Generators  |
|  | Ground Support Equipment  |
|  | Electronic Components (non-airborne)                              |
|  | Computers   |
|  | Crypto  |
|  | Electro-Optics/Night Vision/FLIR                                  |
|  | Navigational Aids   |
|  | Electronic Warfare  |
|  | Wire  |
|  | Radio   |
|  | Radar   |
|  | electrical)   |
|  | Other Components (e.g., hydraulics, pneumatic,                    |
|  | Fire Control Systems and Components                               |
|  | Armament and Structural Components                                |
|  | Starters/Alternators/Generators                                   |
|  | Powertrain Components   |
|  | Engines/Transmissions   |
|  | Other Vehicles  |
|  | Material Handling   |
|  | Construction Equipment  |
|  | Amphibious Vehicles   |
|  | artillery)  |
|  | Combat Vehicles (e.g., tanks, APC, propelled/tow                  |
|  | Tactical Vehicles (e.g., trucks, trailer, bridge)                 |
|  | Other Engines (e.g., Tactical Missile)                            |
|  | APUs/GTEs/ATS/SPS/GTCs  |
|  | Engine Exchangeables/Components (e.g. bearings, blades and vanes) |
|  | Alician Engine i mootant i mootet Augmenten                       |
|  | Aircraft Engine Turkefor/Turke let Augmented                      |
|  | Aircraft Engine Turbofan Bynass                                   |
|  | ∓r'<br>In   |
|  | Aircr: her Components   |
|  |   |

| Other | teams) | Depot Fleet/Field Support (e.g., training and field | Industrial Plant Equipment (IPE) | Fabrication and Manufacturing | Software Support Equipment | Software Weapon System | Tactical Missiles (e.g., TOWS, MLRS, Patriots) | Strategic Missiles | Small Arms/Personal Weapons | enuo | troop jort equip) |  |
|-------|--------|---|----------------------------------|-------------------------------|----------------------------|------------------------|--|--------------------|-----------------------------|------|-------------------|--|
|       |        |   |                                  |                               |                            |                        |  |                    |                             |      |                   |  |
|       |        |   |                                  |                               |                            |                        |  |                    |                             |      |                   |  |
|       |        |   |                                  |                               |                            |                        |  |                    |                             |      |                   |  |

source category (FMS Workload, Directed Workload, Last Source Workload, Other Non-DoD Federal Agencies Workload, or Partnerships Under sustaining" organic workloads (in DLHs), do you perform by source category - "Last Source Workload"? Note: There are additional questions by Question: For FY03, FY04, FY05 and FY09 (FY03 will be end of 4th Qtr actuals and FY04, FY05 and FY09 will be projections), what "non-core Title 10 USC, Section 2474), select the most appropriate category but do not duplicate workload on more than one category. Reference #24: Last Source (non-core sustaining) Organic Workload by Depot Commodity Grp and Fiscal Yr

Source / Reference: See this Question's Amplification for source/reference

the source of funds for the maintenance or repair at a government owned activity. upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as necessary, regardless of maintenance. Depot Level Maintenance activities are defined as: activities that perform materiel maintenance and repair requiring overhaul, "Professional judgment" will not be used. QUESTION INSTRUCTIONS: This question is to be answered by activities performing depot level Performance System (AWPs). If not available, provide document/database and publication date and/or methodology used to arrive at answer. data; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloa Amplification: SOURCE: USAF use Maintenance Planning & Execution System (MP&E); USN: Financial/Production Control Systems an budget

For specific definitions, see the OSD BRAC library.

|             |                   | Example of how your grid will look |
|-------------|-------------------|------------------------------------|
|             | FY03 Direct Labor | -                                  |
| 77 77 77 77 | FY04 Direct La    | -                                  |

| Example of now your gra will look                   | EXOS Direct I all | EVOA Dimont I obor | EVOS Direct I abor | FV00 Direct Lahor |
|---|-------------------|--------------------|--------------------|-------------------|
| Deport Ever Commodify Groups                        | Hours (DLH (K))   | Hours (DLH (K))    |                    | Hours (DLH (K))   |
| Aircraft Rotary                                     |                   |                    |                    |                   |
| Aircraft VSTOL                                      |                   |                    |                    |                   |
| Aircraft Cargo/Tanker                               |                   |                    |                    |                   |
| Aircraft Fighter/Attack                             |                   |                    |                    |                   |
| Aircraft Bomber                                     |                   |                    |                    |                   |
| Aircraft Other                                      |                   |                    |                    |                   |
| Aircraft Dynamic Components                         |                   |                    |                    |                   |
| Aircraft Hydraulic Components                       |                   |                    |                    |                   |
| Aircraft Pneumatic Components                       |                   |                    |                    |                   |
| Aircraft Instruments Components                     |                   |                    |                    |                   |
| Aircraft Landing Gear (include wheels/brakes)       |                   |                    |                    |                   |
| Components  |                   |                    |                    |                   |
| Aircraft Ordnance Equipment (e.g., racks and rails) |                   |                    |                    |                   |
| Comp  |                   |                    |                    |                   |
| Aircraft Avionics/Electronics Components            |                   |                    |                    |                   |
| Aircraft Structure Components (e.g., flaps and      |                   |                    |                    |                   |
| seats)  |                   |                    |                    |                   |
| Aircraft Other Components                           |                   |                    |                    |                   |

| CE |   | moobs support equip)                              |
|----|---|---|
|    |   | Other Equipment (ROWPUs, kitchens, showers,       |
|    |   | Calibration                                       |
|    |   | TMDE  |
|    |   | Generators  |
|    |   | Ground Support Equipment                          |
|    |   | Electronic Components (non-airborne)              |
|    |   | Computers   |
|    |   | Crypto  |
|    |   | Electro-Optics/Night Vision/FLIR                  |
|    |   | Navigational Aids                                 |
|    |   | Electronic Warfare                                |
|    |   | Wire  |
|    |   | Radio   |
|    |   | Radar   |
|    |   | electrical)                                       |
|    |   | Other Components (e.g., hydraulics, pneumatic,    |
|    |   | Fire Control Systems and Components               |
|    |   | Armament and Structural Components                |
|    |   | Starters/Alternators/Generators                   |
|    |   | Powertrain Components                             |
|    |   | Engines/Transmissions                             |
|    |   | Other Vehicles                                    |
|    |   | Material Handling                                 |
|    |   | Construction Equipment                            |
|    |   | Amphibious Vehicles                               |
|    |   | artillery)  |
|    |   | Combat Vehicles (e.g., tanks, APC, propelled/tow  |
|    |   | Tactical Vehicles (e.g., trucks, trailer, bridge) |
|    |   | Other Engines (e.g., Tactical Missile)            |
|    |   | APUs/GTEs/ATS/SPS/GTCs                            |
|    |   | blades and vanes)                                 |
|    |   | Engine Exchangeables/Components (e.g. bearings,   |
|    |   | Aircraft Engine Turbofan/TurboJet Augmented       |
|    |   | att E   |
|    |   | Airci igine Turboprop/Turboshaft                  |
|    | _ |   |

|  |  | Other   |
|--|--|---|
|  |  |   |
|  |  | teams)  |
|  |  | Depot Fleet/Field Support (e.g., training and field |
|  |  | Industrial Plant Equipment (IPE)                    |
|  |  | Fabrication and Manufacturing                       |
|  |  | Software Support Equipment                          |
|  |  | Software Weapon System                              |
|  |  | Tactical Missiles (e.g., TOWS, MLRS, Patriots)      |
|  |  | Strategic Missiles                                  |
|  |  | Small Arms/Personal Weapons                         |
|  |  | Conv nal Weapons (torpedoes, mines, etc.)           |
|  |  |   |

Question: For FY03, FY04, FY05 and FY09 (FY03 will be end of 4th Qtr actuals and FY04, FY05 and FY09 will be projections), what "non-core Reference #25: Other Non-DoD Federal Agencies (non-core sustaining) Organic Workload by Depot commodity & Fiscal Yr

or Partnerships Under Title 10 USC, Section 2474), select the most appropriate category but do not duplicate workload on more than one category sustaining" organic workloads (in DLHs), do you perform by source category - "Other Non-DoD Federal Agencies Workload"? Note: There are additional questions by source category (FMS Workload, Directed Workload, Last Source Workload, Other Non-DoD Federal Agencies Workload,

data; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workload Source / Reference: See this Question's Amplification for source/reference. Amplification: SOURCE: USAF use Maintenance Planning & Execution System (MP&E); USN: Financial/Production Control Systems an budget

subassemblies, and testing and reclamation of equipment as necessary, regardless of the source of funds for the maintenance or repair at a defined as: activities that perform materiel maintenance and repair requiring overhaul, upgrading, modification, or rebuilding of parts, assemblies, or document/database and publication date and/or methodology used to arrive at answer. "Professional judgment" will not be used. QUESTION Performance System (AWPs); DLA: Defense Supply Center Richmond, Departmental Database (DDD). If not available, provide INSTRUCTIONS: This question is to be answered by activities performing depot level maintenance. Depot Level Maintenance activities are

For specific definitions, see the OSD BRAC library.

government owned activity.

| Depot Level Commodity Groups  FY03 Direct Labor FY04 Direct Labor FY04 Direct Labor FY04 Direct Labor FY05 Direct Labor FY04 Direct Labor FY05 Direct Labor FY04 Direct Labor FY05 Direct Labor FY04 Direct Labor FY04 Direct Labor FY05 Direct Labor FY06 Direct Labor |
|---|
|---|

|  |  | Other Equipment (ROWPUs, kitchens, showers,                       |
|--|--|---|
|  |  | Calibration   |
|  |  | TMDE  |
|  |  | Generators  |
|  |  | Ground Support Equipment  |
|  |  | Electronic Components (non-airborne)                              |
|  |  | Computers   |
|  |  | Crypto  |
|  |  | Electro-Optics/Night Vision/FLIR                                  |
|  |  | Navigational Aids   |
|  |  | Electronic Warfare  |
|  |  | Wire  |
|  |  | Radio   |
|  |  | Radar   |
|  |  | electrical)   |
|  |  | Other Components (e.g., hydraulics, pneumatic,                    |
|  |  | Fire Control Systems and Components                               |
|  |  | Armament and Structural Components                                |
|  |  | Starters/Alternators/Generators                                   |
|  |  | Powertrain Components   |
|  |  | Engines/Transmissions   |
|  |  | Other Vehicles  |
|  |  | Material Handling   |
|  |  | Construction Equipment  |
|  |  | Amphibious Vehicles   |
|  |  | artillery)  |
|  |  | Combat Vehicles (e.g., tanks, APC, propelled/tow                  |
|  |  | Tactical Vehicles (e.g., trucks, trailer, bridge)                 |
|  |  | Other Engines (e.g., Tactical Missile)                            |
|  |  | APUs/GTEs/ATS/SPS/GTCs  |
|  |  | Engine Exchangeables/Components (e.g. bearings, blades and vanes) |
|  |  | Aircraft Engine Turbofan/TurboJet Augmented                       |
|  |  | Aircraft Engine Turbofan Bypass                                   |
|  |  | Aircraft Engine Turboprop/Turbosnaft                              |
|  |  | Aircraft Engine Trushonen/Trushochoft                             |
|  |  | Airci her Components  |
|  |  |   |

| troop. Jort equip) Conventional Weapons (torpedoes, mines, etc.) Small Arms/Personal Weapons Strategic Missiles Tactical Missiles (e.g., TOWS, MLRS, Patriots) Software Weapon System Software Support Equipment Fabrication and Manufacturing Industrial Plant Equipment (IPE) Depot Fleet/Field Support (e.g., training and field teams) Other |  |  |   |
|--|--|--|---|
| troop. ort equip) Conventional Weapons (torpedoes, mines, etc.) Small Arms/Personal Weapons Strategic Missiles Tactical Missiles (e.g., TOWS, MLRS, Patriots) Software Weapon System Software Support Equipment Fabrication and Manufacturing Industrial Plant Equipment (IPE) Depot Fleet/Field Support (e.g., training and field teams)        |  |  | Other   |
| troop. vort equip)  Conventional Weapons (torpedoes, mines, etc.)  Small Arms/Personal Weapons Strategic Missiles Tactical Missiles (e.g., TOWS, MLRS, Patriots)  Software Weapon System Software Support Equipment Fabrication and Manufacturing Industrial Plant Equipment (IPE) Depot Fleet/Field Support (e.g., training and field           |  |  | teams)  |
| troop. Jort equip)  Conventional Weapons (torpedoes, mines, etc.)  Small Arms/Personal Weapons  Strategic Missiles  Tactical Missiles (e.g., TOWS, MLRS, Patriots)  Software Weapon System  Software Support Equipment  Fabrication and Manufacturing  Industrial Plant Equipment (IPE)  |  |  | Depot Fleet/Field Support (e.g., training and field |
| troop.       Jort equip)         Conventional Weapons (torpedoes, mines, etc.)       Small Arms/Personal Weapons         Strategic Missiles       Strategic Missiles         Tactical Missiles (e.g., TOWS, MLRS, Patriots)       Software Weapon System         Software Support Equipment       Fabrication and Manufacturing                  |  |  | Industrial Plant Equipment (IPE)                    |
| troop. Jort equip)  Conventional Weapons (torpedoes, mines, etc.)  Small Arms/Personal Weapons  Strategic Missiles  Tactical Missiles (e.g., TOWS, MLRS, Patriots)  Software Weapon System  Software Support Equipment   |  |  | Fabrication and Manufacturing                       |
| troop.Jort equip)Conventional Weapons (torpedoes, mines, etc.)Small Arms/Personal WeaponsStrategic MissilesStrategic Missiles (e.g., TOWS, MLRS, Patriots)Software Weapon SystemSoftware Weapon System   |  |  | Software Support Equipment                          |
| troop. Jort equip)  Conventional Weapons (torpedoes, mines, etc.)  Small Arms/Personal Weapons  Strategic Missiles  Tactical Missiles (e.g., TOWS, MLRS, Patriots)   |  |  | Software Weapon System                              |
| troop. Jort equip)  Conventional Weapons (torpedoes, mines, etc.)  Small Arms/Personal Weapons  Strategic Missiles   |  |  | Tactical Missiles (e.g., TOWS, MLRS, Patriots)      |
| troop. Jort equip) Conventional Weapons (torpedoes, mines, etc.) Small Arms/Personal Weapons   |  |  | Strategic Missiles                                  |
| Conventional Weapons (torpedoes, mines, etc.)  |  |  | Small Arms/Personal Weapons                         |
|  |  |  | Conventional Weapons (torpedoes, mines, etc.)       |
|  |  |  |   |

additional questions by source category (FMS Workload, Directed Workload, Last Source Workload, Other Non-DoD Federal Agencies Workload sustaining" organic workloads (in DLHs), do you perform by source category - "Partnerships Under Title 10, USC Section 2474"? Note: There are or Partnerships Under Title 10 USC, Section 2474), select the most appropriate category but do not duplicate workload on more than one category. Question: For FY03, FY04, FY05 and FY09 (FY03 will be end of 4th Qtr actuals and FY04, FY05 and FY09 will be projections), what "non-core Reference #28: Partnerships Under Title 10 USC, Sec 2474 (non-core sustaining) Organic Workload by Commodity Grp Source / Reference: See this Question's Amplification for source/reference.

data; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloadia; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloadia; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloadia; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloadia; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloadia; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloadia; USMC: Defense Industrial Financial Management System (DIFMS), Engineering Data and/or Master Work Schedule; USA: Army Workloadia; USA: Defense Industrial Financial Management System (DIFMS), Engineering Data and Industrial Financial Fin "Professional judgment" will not be used. QUESTION INSTRUCTIONS: This question is to be answered by activities performing depot level Performance System (AWPs). If not available, provide document/database and publication date and/or methodology used to arrive at answer. Amplification: SOURCE: USAF use Maintenance Planning & Execution System (MP&E); USN: Financial/Production Control Systems an budget the source of funds for the maintenance or repair at a government owned activity. upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as necessary, regardless of maintenance. Depot Level Maintenance activities are defined as: activities that perform materiel maintenance and repair requiring overhaul,

| Example of how your grid will look       FY03 Direct Labor       FY04 Direct Labor       FY05 Direct Labor       FY09 Direct Labor         Depot Level Commodity Groups       Hours (DLH (K))       Hou |           |                   |                   |                   | Aircraft Other Components                           |
|---|-----------|-------------------|-------------------|-------------------|---|
| FY03 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))  FY06 Direct Labor Hours (DLH (K))  FY07 Direct Labor Hours (DLH (K))  FY08 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | seats)  |
| Ok       FY03 Direct Labor       FY04 Direct Labor       FY05 Direct Labor         Hours (DLH (K))       Hours (DLH (K))       Hours (DLH (K))  |           |                   |                   |                   | Aircraft Structure Components (e.g., flaps and      |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))  Hours (DLH (K))  FY06 Direct Labor Hours (DLH (K))  Hours (DLH (K))  FY07 Direct Labor Hours (DLH (K))  |           |                   |                   |                   | Aircraft Avionics/Electronics Components            |
| FY03 Direct Labor Hours (DLH (K)) Hours (DLH (K)) Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K)) Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))  Hours (DLH (K))  FY06 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | Comp  |
| ry03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))  FY06 Direct Labor Hours (DLH (K))  FY07 Direct Labor Hours (DLH (K))  FY08 Direct Labor Hours (DLH (K))  |           |                   |                   |                   | Aircraft Ordnance Equipment (e.g., racks and rails) |
| FY03 Direct Labor Hours (DLH (K)) Hours (DLH (K)) Hours (DLH (K)) Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K)) Hours (DLH (K))  Hours (DLH (K))  Hours (DLH (K))  Hours (DLH (K))   |           |                   |                   |                   | Components  |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))  FY06 Direct Labor Hours (DLH (K))  |           |                   |                   |                   | Aircraft Landing Gear (include wheels/brakes)       |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | Aircraft Instruments Components                     |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | Aircraft Pneumatic Components                       |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | Aircraft Hydraulic Components                       |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | Aircraft Dynamic Components                         |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | AllClait Cuici                                      |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | A import Other                                      |
| FY03 Direct Labor Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  Hours (DLH (K))  FY05 Direct Labor Hours (DLH (K))  |           |                   |                   |                   | Aircraft Bomber                                     |
| FY03 Direct Labor Hours (DLH (K))  Hours (DLH (K))  FY04 Direct Labor Hours (DLH (K))  Hours (DLH (K))  |           |                   |                   |                   | Aircraft Fighter/Attack                             |
| FY03 Direct Labor Hours (DLH (K))  Hours (DLH (K))  FY04 Direct Labor FY05 Direct Labor Hours (DLH (K))   |           |                   |                   |                   | Aircraft Cargo/Tanker                               |
| FY03 Direct Labor Hours (DLH (K)) Hours (DLH (K)) Hours (DLH (K))   |           |                   |                   |                   | Aircraft VSTOL                                      |
| ok FY03 Direct Labor Hours (DLH (K)) FY04 Direct Labor Hours (DLH (K)) Hours (DLH (K))  |           |                   |                   |                   | Aircraft Rotary                                     |
| ok   FY03 Direct Labor   FY04 Direct Labor   FY05 Direct Labor  | Hours (DL | Hours (DLH (K))   | Hours (DLH (K))   | Hours (DLH (K))   | Deport Eever Commonny Groups                        |
|   | FY09 Dire | FY05 Direct Labor | FY04 Direct Labor | FY03 Direct Labor | Example of how your grid will look                  |

|       | troops support equip)   |
|-------|---|
|       | Other Equipment (ROWPUs, kitchens, showers,                       |
|       | Calibration   |
|       | TMDE  |
|       | Generators  |
|       | Ground Support Equipment  |
|       | Electronic Components (non-airborne)                              |
|       | Computers   |
|       | Crypto  |
|       | Electro-Optics/Night Vision/FLIR                                  |
|       | Navigational Aids   |
|       | Electronic Warfare  |
|       | Wire  |
|       | Radio   |
|       | Radar   |
|       | electrical)   |
|       | Other Components (e.g., hydraulics, pneumatic,                    |
|       | Fire Control Systems and Components                               |
|       | Armament and Structural Components                                |
|       | Starters/Alternators/Generators                                   |
|       | Powertrain Components   |
|       | Engines/Transmissions   |
|       | Other Vehicles  |
|       | Material Handling   |
|       | Construction Equipment  |
|       | Amphibious Vehicles   |
|       | artillery)  |
|       | Combat Vehicles (e.g., tanks, APC, propelled/tow                  |
|       | Tactical Vehicles (e.g., trucks, trailer, bridge)                 |
|       | Other Engines (e.g., Tactical Missile)                            |
|       | APUs/GTEs/ATS/SPS/GTCs  |
|       | Engine Exchangeables/Components (e.g. bearings, blades and vanes) |
|       | Aircraft Engine Turbofan/TurboJet Augmented                       |
|       | Aircraft Engine Turbofan Bypass                                   |
|       | Aircra gine Turboprop/Turboshaft                                  |
| <br>- |   |

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#### Sub Group: Ship Overhaul and Repair

### Index: Industrial: Ship Overhaul and Repair: Capacity:

Reference #46: Maximum Capacity Index for Ship Maintenance Commodity Groups (Drydocks) by fiscal year (FY).

Question: The Maximum Capacity is the maximum potential workload that could be accomplished within drydocks, with the following constraints: No additional Military Construction (MILCON) to that already funded through the FY 04 National Defense Appropriations Act

- Capacity is measured on 40-hour workweek baseline
- Skilled workforce is available/can be obtained
- Existing work continues to be performed.
- Support equipment/workstations come with transferred workload
- Underutilized facilities/space can only be calculated once for an optimal work mix

Aircraft Carrier, Submarines, an Other Ships. Limit changes to those approved in the Fiscal Year 2004 and prior National Defense Appropriations Calculate the Maximum Capacity in DLHs for the ship maintenance operations by entering one number for the sum of the ship commodity groups:

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H, Chapter 3.

required by overhaul, upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as Definition of Ship Repair and Maintenance Activities: Depot and intermediate maintenance activities performing materiel maintenance and repair Amplification: This question is to be answered by activities performing ship maintenance and repair at traditional depot- and intermediate-levels. necessary, regardless of the source of funds for the maintenance or repair at a government owned activity. For additional information regarding DoD http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html. Depot capacity and utilization measurement standards and processes, please refer to DoD Handbook 4151.18H. The web link for DOD 4151.18H is

For specific definitions, see the OSD BRAC library.

nple of how vour grid will look

|           |           |           |           | Dining  |
|-----------|-----------|-----------|-----------|---|
|           |           |           |           | Electrical  |
|           |           |           |           |   |
|           |           |           |           | Boiler  |
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|           |           |           |           | A Control of Machine  |
|           |           |           |           | Inside Machine  |
|           |           |           |           | Welding   |
|           |           |           |           | Oliect taletai  |
|           |           |           |           | Chart Metal   |
|           |           |           |           | Forge   |
|           |           |           |           | Fodiuiy   |
|           |           |           |           | Elindry   |
|           |           |           |           | Heavy Fabrication   |
|           |           |           |           |   |
| ())       | ١         | ı         | (ħ))      | Other Ships   |
| (K))      |           |           |           | Ship Maintenance Commodity Gloups, American Carriers, Suchimmes and |
| FY09 (DLH | FY05 (DLH | FY04 (DLH | FY03 (DLH | Example of now your grid will look                                  |

| Other | Calibration | Non-Nuclear Testing | Non-Nuclear Project Management | Non-Nuclear Quality Assurance | Non-Nuclear Engineering & Planning | Nuclear Testing | Business Support | Nuclear Project Management | Nuclear Quality Assurance | Radiological Monitoring and Support | Radiological Engineering and Health | Nuclear Engineering & Planning | Hazardous Material | Environmental and Safety | Air Conditioning & Refrigeration | Plastic Fabrication | Optical Instruments | Tool Manufacture | Services | Cranes & Rigging | Paint | Electronics | Shipwright | Wood ting |
|-------|-------------|---------------------|--------------------------------|-------------------------------|------------------------------------|-----------------|------------------|----------------------------|---------------------------|-------------------------------------|-------------------------------------|--------------------------------|--------------------|--------------------------|----------------------------------|---------------------|---------------------|------------------|----------|------------------|-------|-------------|------------|-----------|
|       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |                          |                                  |                     |                     |                  |          |                  |       |             |            |           |

Reference #32: Required Capacity Index for Ship Maintenance Commodity Groups by fiscal year (FY).

with the DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H. approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts. The Required Capacity Index will be calculated in accordance groups: Aircraft Carrier, Submarines, an Other Ships. Provide your answers expressed as a direct labor hours (DLHs). Limit changes to those Question: Calculate the Required Capacity Index for the ship maintenance operations by entering one number for the sum of the ship commodity

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H, Chapter 3.

necessary, regardless of the source of funds for the maintenance or repair at a government owned activity. For additional information regarding DoD required by overhaul, upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as Amplification: This question is to be answered by activities performing ship maintenance and repair at traditional depot- and intermediate-levels. For specific definitions, see the OSD BRAC library. http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html. Depot capacity and utilization measurement standards and processes, please refer to DoD Handbook 4151.18H. The web link for DOD 4151.18H is Definition of Ship Repair and Maintenance Activities: Depot and intermediate maintenance activities performing materiel maintenance and repair

|           |           |           |           | Plastic Fabrication  |
|-----------|-----------|-----------|-----------|--|
|           |           |           |           | Optical Instruments  |
|           |           |           |           | Tool Manufacture   |
|           |           |           |           | Services   |
|           |           |           |           | Cranes & Rigging   |
|           |           |           |           | Paint  |
|           |           |           |           | Electronics  |
|           |           |           |           | Shipwright   |
|           |           |           |           | Wood Crafting  |
|           |           |           |           | Piping   |
|           |           |           |           | Electrical   |
|           |           |           |           | Boiler   |
|           |           |           |           | Marine (Outside) Machine   |
|           |           |           |           | Inside Machine   |
|           |           |           |           | Welding  |
|           |           |           |           | Sheet Metal  |
|           |           |           |           | Forge  |
|           |           |           |           | Foundry  |
|           |           |           |           | Heavy Fabrication  |
| (K))      | (K))      | (K))      | (K))      | Other Ships  |
| FY09 (DLH | FY05 (DLH | FY04 (DLH | FY03 (DLH | Ship Maintenance Commodity Groups, Aircraft Carriers, Submarines and |

| Culci | Other | Calibration | Non-Nuclear Testing | Non-Nuclear Project Management | Non-Nuclear Quality Assurance | Non-Nuclear Engineering & Planning | Nuclear Testing | Business Support | Nuclear Project Management | Nuclear Quality Assurance | Radiological Monitoring and Support | Radiological Engineering and Health | Nuclear Engineering & Planning | Hazardous Material | Environmental and Safety | Air C. oning & Refrigeration |
|-------|-------|-------------|---------------------|--------------------------------|-------------------------------|------------------------------------|-----------------|------------------|----------------------------|---------------------------|-------------------------------------|-------------------------------------|--------------------------------|--------------------|--------------------------|------------------------------|
|       |       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |                          |                              |
|       |       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |                          |                              |
|       |       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |                          |                              |
|       |       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |                          |                              |

Reference #33: Maximum Capacity Index for Ship Maintenance Commodity Groups by fiscal year (FY).

Question: The Maximum Capacity is the maximum potential workload that could be accomplished within the maintenance shops and buildings, with

the following constraints: No additional Military Construction (MILCON) to that already funded through the FY 04 National Defense Appropriations Act

Capacity is measured on 40-hour workweek baseline

Skilled workforce is available/can be obtained

Existing work continues to be performed

Support equipment/workstations come with transferred workload

Underutilized facilities/space can only be calculated once for an optimal work mix

Calculate the Maximum Capacity in DLHs, entering one number for the sum of the ship commodity groups: Aircraft Carrier, Submarines, an Other

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H, Chapter 3 Ships. Limit changes to those approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts.

Depot capacity and utilization measurement standards and processes, please refer to DoD Handbook 4151.18H. The web link for DOD 4151.18H is necessary, regardless of the source of funds for the maintenance or repair at a government owned activity. For additional information regarding DoD required by overhaul, upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as Definition of Ship Repair and Maintenance Activities: Depot and intermediate maintenance activities performing materiel maintenance and repair Amplification: This question is to be answered by activities performing ship maintenance and repair at traditional depot- and intermediate-levels. http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html. For specific definitions, see the OSD BRAC library.

| Flectronics | Shipwright | Wood Crafting | Piping | Electrical | Boiler | Marine (Outside) Machine | Inside Machine | Welding | Sheet Metal | Forge | Foundry | Heavy Fabrication | Ship Maintenance Commodity Groups, Aircraft Carriers, Submarines and (K))  (K))  (K)) |
|-------------|------------|---------------|--------|------------|--------|--------------------------|----------------|---------|-------------|-------|---------|-------------------|---|
|             |            |               |        |            |        |                          |                |         |             |       |         |                   | FY05 (DLH<br>(K))   |
|             |            |               |        |            |        |                          |                |         |             |       |         |                   | FY09 (DLH<br>(K))   |

| Other | Calibration | Non-Nuclear Testing | Non-Nuclear Project Management | Non-Nuclear Quality Assurance | Non-Nuclear Engineering & Planning | Nuclear Testing | Business Support | Nuclear Project Management | Nuclear Quality Assurance | Radiological Monitoring and Support | Radiological Engineering and Health | Nuclear Engineering & Planning | Hazardous Material | Environmental and Safety | Air Conditioning & Refrigeration | Plastic Fabrication | Optical Instruments | Tool Manufacture | Services | Cranes & Rigging | Paint |
|-------|-------------|---------------------|--------------------------------|-------------------------------|------------------------------------|-----------------|------------------|----------------------------|---------------------------|-------------------------------------|-------------------------------------|--------------------------------|--------------------|--------------------------|----------------------------------|---------------------|---------------------|------------------|----------|------------------|-------|
|       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |                          |                                  |                     |                     |                  |          |                  |       |

Reference #31: Total Capacity Index for Ship Maintenance Commodity Groups by fiscal year (FY).

approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts. The Total Capacity Index will be calculated in accordance with groups: Aircraft Carrier, Submarines, an Other Ships. Provide your answers expressed in direct labor hours (DLHs). Limit changes to those the DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H. Question: Calculate the Total Capacity Index for the ship maintenance operations by entering one number for the sum of the ship commodity

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H, Chapter 3.

http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html. necessary, regardless of the source of funds for the maintenance or repair at a government owned activity. For additional information regarding DoD required by overhaul, upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as Definition of Ship Repair and Maintenance Activities: Depot and intermediate maintenance activities performing materiel maintenance and repair Amplification: This question is to be answered by activities performing ship maintenance and repair at traditional depot- and intermediate-levels. Depot capacity and utilization measurement standards and processes, please refer to DoD Handbook 4151.18H. The web link for DOD 4151.18H is

For specific definitions, see the OSD BRAC library.

| Ship Maintenance Commodity Groups, Aircraft Carriers, Submarines and | FY03 (DLH |      |      | FY09 (DLH |
|--|-----------|------|------|-----------|
| Other Ships  | (K))      | (K)) | (K)) | (K))      |
| Heavy Fabrication  |           |      |      |           |
| Foundry  |           |      |      |           |
| Forge  |           |      |      |           |
| Sheet Metal  |           |      |      |           |
| Welding  |           |      |      |           |
| Inside Machine   |           |      |      |           |
| Marine (Outside) Machine   |           |      |      |           |
| Boiler   |           |      |      |           |
| Electrical   |           |      |      |           |
| Piping   |           |      |      |           |
| Wood Crafting  |           |      |      |           |
| Shipwright   |           |      |      |           |
| Electronics  |           |      |      |           |
| Paint  |           |      |      |           |
| Cranes & Rigging   |           |      |      |           |
| Services   |           |      |      |           |
| Tool Manufacture   |           |      |      |           |
| Optical Instruments  |           |      |      |           |
| Plastic Fabrication  |           |      |      |           |

| Air Cc oning & Refrigeration        |  |  |
|-------------------------------------|--|--|
| Environmental and Safety            |  |  |
| Hazardous Material                  |  |  |
| Nuclear Engineering & Planning      |  |  |
| Radiological Engineering and Health |  |  |
| Radiological Monitoring and Support |  |  |
| Nuclear Quality Assurance           |  |  |
| Nuclear Project Management          |  |  |
| Business Support                    |  |  |
| Nuclear Testing                     |  |  |
| Non-Nuclear Engineering & Planning  |  |  |
| Non-Nuclear Quality Assurance       |  |  |
| Non-Nuclear Project Management      |  |  |
| Non-Nuclear Testing                 |  |  |
| Calibration                         |  |  |
| Other                               |  |  |

### Index: industrial: Ship Overhaul and Repair: Workload:

commodity groups: Aircraft Carrier, Submarines, an Other Ships. Provide your answers expressed in direct labor hours (DLH). Limit changes to those approved in the Fiscal Year 2004 and prior National Defense Appropriations Acts. Question: Calculate the total funded or programmed workload for the ship maintenance operations by entering one number for the sum of the ship Reference #34: Total Workload for Ship Maintenance Commodity Groups by fiscal year (FY).

Source / Reference: DoD Depot Maintenance Capacity and Utilization Measurement Handbook, DoD 4151.18H

Amplification: This question is to be answered by activities performing ship maintenance and repair at traditional depot- and intermediate-levels. Definition of Ship Repair and Maintenance Activities: Depot and intermediate maintenance activities performing materiel maintenance and repair necessary, regardless of the source of funds for the maintenance or repair at a government owned activity. For additional information regarding DoD required by overhaul, upgrading, modification, or rebuilding of parts, assemblies, or subassemblies, and testing and reclamation of equipment as http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/mppr/html/general.html. Depot capacity and utilization measurement standards and processes, please refer to DoD Handbook 4151.18H. The web link for DOD 4151.18H is

| ××        |            | -            |                   | Clastic L'adilication  |
|-----------|------------|--------------|-------------------|--|
|           |            |              |                   | Distinction  |
|           |            |              |                   | Optical Instruments  |
|           |            |              |                   | 1001 Mailulacture  |
|           |            |              |                   | Je 1 Moniforture   |
|           |            |              |                   | Services   |
|           |            |              |                   | Cranes & Rigging   |
|           |            |              |                   | rallic   |
|           |            |              |                   |  |
|           |            |              |                   | Electronics  |
|           |            |              |                   | Shipwright   |
|           |            |              |                   | Wood Cratting  |
|           |            |              |                   | 1101116  |
|           |            |              |                   | Dining   |
|           |            |              |                   | Electrical   |
|           |            |              |                   | DOLIGI   |
|           |            |              |                   | Doiler   |
|           |            |              |                   | Marine (Outside) Machine   |
|           |            |              |                   | Insue Machille   |
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|           |            |              |                   | Welding  |
|           |            |              |                   | Sheet Metal  |
|           |            |              |                   | A STATE OF THE STA |
|           |            |              |                   | Force  |
|           |            |              |                   | Foundry  |
|           |            |              |                   | 11001  |
|           |            |              |                   | Heavy Fahrication  |
|           |            |              |                   | Other Ships  |
| (K))      | (K))       | (K))         | FY03 (DLH<br>(K)) | Ship Maintenance Commodity Groups, Aircraft Carriers, Submarines and   |
| EV09 (DLH | EVOS (DI H | EX.07 (2) 11 |                   | Example of how your grid will look   |

| Other | Calibration | Non-Nuclear Testing | Non-Nuclear Project Management | Non-Nuclear Quality Assurance | Non-Nuclear Engineering & Planning | Nuclear Testing | Business Support | Nuclear Project Management | Nuclear Quality Assurance | Radiological Monitoring and Support | Radiological Engineering and Health | Nuclear Engineering & Planning | Hazardous Material | Ħ | Air C oning & Refrigeration |
|-------|-------------|---------------------|--------------------------------|-------------------------------|------------------------------------|-----------------|------------------|----------------------------|---------------------------|-------------------------------------|-------------------------------------|--------------------------------|--------------------|---|-----------------------------|
|       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |   |                             |
|       |             |                     |                                |                               |                                    |                 |                  |                            |                           |                                     |                                     |                                |                    |   |                             |