# Total Army Analysis
(TAA)

PRIMER 2005

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I. Force Development Process (overview)

1. Force development is the start point, rationale and underlying basis for defining the Army's force structure. The Force Development Process consists of defining military capabilities, designing force structures to provide these capabilities, and translating organizational concepts based on doctrine, technologies, materiel, manpower requirements, and limited resources into a trained and ready Army. The five phases are:

   a. Develop Capabilities

   b. Design Organizations

   c. Develop Organizational Models

   d. Determine Organizational Authorizations

   e. Document Organizational Authorizations

2. The five phases of the force development process are displayed in the chart (**figure 1**). This model reflects a sequence of events and how these functions relate to each other. The resulting products of force development provide the basis for acquiring and distributing materiel and acquiring, training, and distributing personnel in the Army. It is useful to use the Army Force Development Process to visualize how each step relates to the other steps and contributes to the accomplishment of each task.

Figure 1. Force Development Process
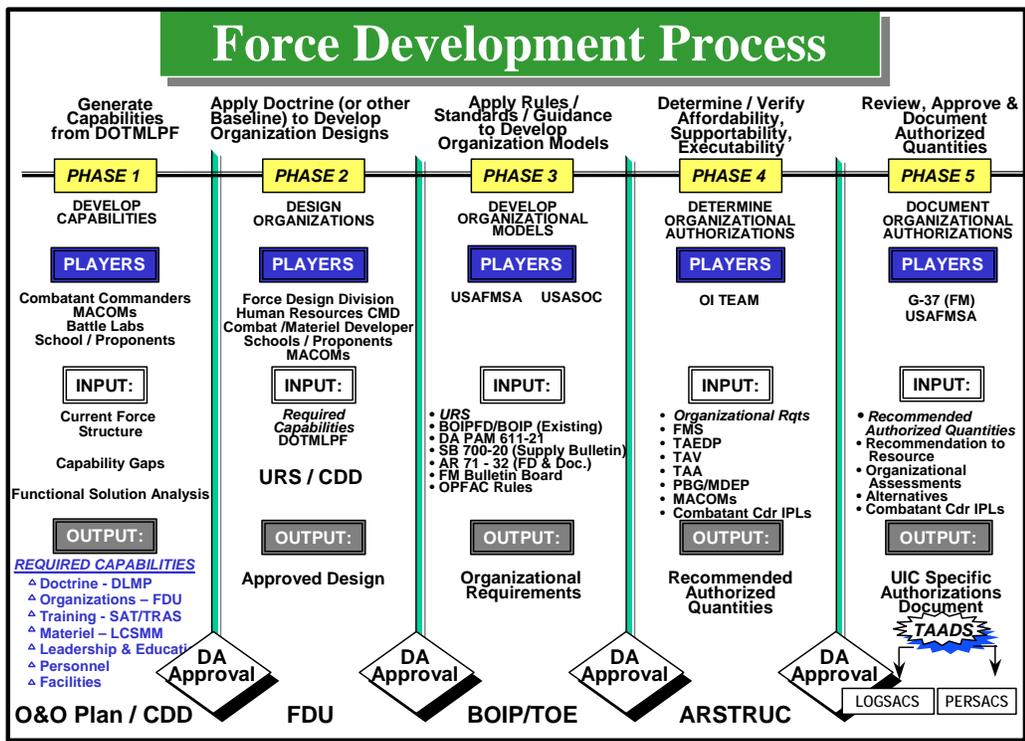
Acronym list:

ARSTRUC: Army Structure Message
BOIP: Basis of Issue Plan
BOIPFD: BOIP Feeder Data
CDD: Capability Development Document
DLMP : Doctrine and Literature Master Plan
FDU: Force Design Update
FMS: Force Management System
G-37(FM): Force Management
ICD: Initial Capabilities Document
IPL: Integrated Priority List
LOGSACS: Logistics SAC
MACOM: Major Command
MDEP: Management Decision Package
OI: Organization Integrator
OPFAC: Operational Facilities
PBG: Program Budget Guidance
PERSACS: Personnel SACS
SACS: Structure and Composition System
SAT: Systems Approach to Training
TAA: Total Army Analysis
TAADS: The Army Authorization Documentation System
TAEDP: Total Army Equipment Distribution Plan
TAV: Total Asset Visibility
TOE: Table of Organization and Equipment
TRAS: Training Requirements Analysis System
UIC: Unit Identification Code
URS: Unit Reference Sheet
USAFMSA: Unite States Army Force Management Support Agency
USASOC: U.S. Army Special Operations Command

   a. Develop capabilities. The force development process has its roots in the Joint Capabilities Integration and Development System (JCIDS). A separate primer (Materiel System Research, Development and Acquisition Management) discussing the JCIDS can be found on the Army Force Management School web site: www.afms1.army.mil . The JCIDS identifies the desired operational capability in terms of personnel, equipment, and unit structure. This process begins

with the receipt of national-level guidance (National Security Strategy (NSS), National Military Strategy (NMS), Quadrennial Defense Review (QDR), and Strategic Planning Guidance (SPG) and Joint Programming Guidance (JPG), guidance from the Army's senior leadership (The Army Plan (TAP)), joint warfighting concepts (such as rapid decisive operations, peace enforcement operations), and/or new materiel capabilities evolving from the research, development, and acquisition (RDA) process.

The focus of JCIDS is to **resolve** identified capabilities gaps, perceived deficiencies or shortcomings in the current force. **The objective** of JCIDS is to develop solutions that are affordable, militarily useful, and supportable to the combatant commanders (COCOM). JCIDS develops integrated, joint capable solutions within the domains of DOTMLPF (doctrine, organizational structure, training, materiel, leadership and education, personnel and facilities). The process examines where we are, where we want to be, what risks we may face and what it might cost.

The analysis process is composed of a structured, four-phased methodology that defines capability gaps, and capabilities needed to resolve the problem. U.S. Army Training and Doctrine Command (TRADOC Futures Center) assesses the future warfighting concepts through a series of analyses, tests, experiments and studies to gain insights across DOTMLPF. Using the integrated concept team (ICT) management technique, TRADOC pursues timely involvement of appropriate agencies/expertise to aggressively identify and work issues. TRADOC establishes force operating capabilities (FOCs) as the foundation upon which to base the assessment process. These critical, force-level, measurable statements of operational capability frame how the Army will realize advanced full spectrum operations as stated in the approved capstone concept. The FOCs focus the Army's Science and Technology Master Plan (ASTMP) and warfighting experimentation. As the transformation process unfolds, these force-level objective concepts will give rise to supporting proponent/branch future FOCs included within subordinate concepts. This assessment process leads to a recommendation by the Commanding General (CG), TRADOC to Headquarters, Department of the Army (HQDA) on how to best fulfill the warfighting requirement. If the capability requires a change in doctrine, training, or leader development, TRADOC begins action to meet the requirement upon validation by the HQDA Deputy Chief of Staff (DCS), G-3/5/7 and approval by the Chief of Staff, Army (CSA). If the solution set results in a need for change in soldier occupational specialty structure, the recommendation goes forward to HQDA DCS, G-1 for action. If the required capability needs a materiel solution, TRADOC prepares the initial capabilities document (ICD) and a capability development document (CDD) and forwards them to HQDA DCS, G-3/5/7 for approval of the requirement through the Army Requirements Oversight Council (AROC) validation/approval process. HQDA DCS, G-8 is responsible for materiel solutions and DOTMLPF integration through out the program life cycle. Warfighting concepts requiring organizational solutions move to the next phase of force development.

b. Design organizations. The DESIGN ORGANIZATIONS PHASE provides the "organizational" solution to DOTMLPF. This Phase analyzes the proposed organization for **doctrinal correctness**. It provides a forum for the entire Army to review the issue and links the **Combat, Materiel, Training and Document Developer** together. Organizational requirements flowing from the Functional Solution Analysis (FSA) determine whether a new or modified organization is required on tomorrow's battlefield to satisfy the capability gap identified in the Develop Capabilities Phase. Once identified, organizational **requirements** are documented through a series of connected and related organizational development processes: Unit Reference Sheet (URS) development; Force Design Update (FDU) process; Table of Organization and Equipment (TOE) development; and Basis-Of-Issue Plan (BOIP) development.

When DOTMLPF analysis selects a new or improved organization as the best solution, the combat development communities in TRADOC or the other proponents document proposed organizations or modification to existing organizations on a unit reference sheet (URS). The URS specifies the organization's mission and functions as well as outlining required personnel and equipment. TRADOC's Force Design Division (FDD) at FT Leavenworth takes the URSs from the proponents and tracks them through the staffing and approval process in force the design update (FDU). In the FDU process, we take good ideas from a variety of sources, develop Army-wide consensus through staffing, and forward them through HQ, TRADOC to HQDA. The CSA/VCSA simultaneously approves both its design and its army-wide implementation. URSs contain sufficient detail (unit title, design description, mission, assignment, tasks, assumptions, limitations, mobility requirements, and concept of operations) to support Army force design initiatives, and related studies and analyses. Once approved, the URS is further refined into an organizational model known as a table of organization and equipment (TOE).

c. Develop organizational models. The U.S. Army Force Management Support Agency (USAFMSA) applies rules, standards, and guidance to the doctrinally correct design producing the organizational model (TOE). The U.S. Army Special Operations Command develops Special Operations organizational designs. The TOE is a **requirements document**, and is the definition of a fully mission-capable organization. It prescribes an organization's doctrinal wartime mission, its organizational structure and detailed personnel and equipment requirements.   When DOTMLPF analysis mandates a materiel solution, the proponents form an Integrated Concept team (ICT), and the materiel developer forwards data on the new equipment to USAFMSA in a basis of issue plan feeder data (BOIPFD). The data is developed into a BOIP (also a requirements document), which is applied to appropriate TOEs to add or modify equipment and/or personnel requirements.

d. Determine organizational authorizations. The Total Army Analysis (TAA) process is used by HQDA to determine organizational authorizations. TAA is discussed in detail in Sections III through VIII of this primer. TAA develops the total requirements and then the authorizations defining the force structure the Army must build, raise, provision, sustain, maintain, train and resource to meet OSD / Army guidance, combatant commanders' requirements and force structure initiatives. The HQDA approved TOEs compete for authorizations – the coin of the realm in the force structure business – broken out in Officer / Warrant Officer / Enlisted spaces. TAA first determines the total requirements (the number of units, by type – 100% manned and equipped). The TAA process then determines the force **resourcing** levels based on priorities, budgetary constraints and guidance. The resulting force structure is the Program Objective Memorandum (POM) force, the force that is recommended for resourcing to OSD in the Army's POM submission. TAA takes into account force guidance and resource availability to produce a balanced and affordable force structure. It determines and/or verifies the affordability, supportability, and executability of the organizational model.

TAA is the process that takes us from the Army of today to the Army of the future. It requires a **doctrinal basis** and **analysis**; is based upon **strategic guidance** from above the Army; and involves **threat analysis**, **specific scenarios,** and an **Army "constrained"** force.

TAA process has the potential of changing every facet of the Army.

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   e. Document organizational authorizations. After approval of the resourced force structure by the Army leadership, USAFMSA manages the process of documenting the decision(s). This process results in organizational authorizations documented as modification tables of organization and equipment (MTOE) or tables of distribution and allowance (TDA).

II. TAA – Phase IV of the Force Development Process

The focus of this primer is the fourth phase of the Force Development Process (TAA). This phase, determining organizational authorizations, provides the mix of organizations that comprise a balanced and affordable force structure. Force structuring is an integral part of the OSD Planning, Programming, Budgeting and Execution System (PPBE) and the Joint Staff Joint Strategic Planning System (JSPS). It develops force structure in support of joint, strategic, and operational planning and Army planning, programming and budgeting. The development of a force is based on an understanding of the objectives to be achieved, threats, and the dynamics of internally and externally imposed constraints (i.e.; dollars, end strength, roles, and missions).

> The mix of unit models that make up a balanced and affordable force structure must support Joint and Army planning, programming, and budgeting at the strategic, operational and tactical levels.

III. Total Army Analysis (TAA) Overview

1. TAA is an evolving process. GEN Schoomaker, CSA, directed the ARSTAF to review the TAA process. GEN Schoomaker desired a more agile, responsive, more concise process that would provide the Army leadership more timely force structure options. The ARSTAF is refining the TAA process as the TAA 11 and TAA 13 processes are conducted.

Major Changes to the TAA Process

TAA-03 calculated only the MTOE "warfighting" requirements.
TAA-05 incorporated the Base Generating Force Requirements.
TAA-07 calculated all Army requirements (MTOE/ITOE & TDA, all COMPOs) and
     SBCT as a doctrinal, organizational and materiel solution to meet capability gaps.
TAA-09 incorporated Homeland Security as the first priority of the "Simultaneity Stack".
TAA-11 initiated MODULARITY as the basic Army Structure.
TAA-13 incorporates MODULARITY, Support Unit of Action (UA), Unit of
     Employment ($UE_{x/y}$) and used the SPG / JPG as OSD guidance.

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2. TAA is the acknowledged and proven mechanism for explaining and defending Army force structure. It takes us from the Army of today to the Army of the future. It requires a doctrinal basis and analysis, flowing from strategic guidance and joint force requirements. TAA is a biennial process initiated during even-numbered years. HQDA, G-3/5/7 initiates the formal TAA process upon receipt of OSD/Joint Staff guidance (SPG/JPG), IPS, and draft TAP. Based on these documents and guidance, the routine TAA cycle occurs. TAA is the basis for the Army's POM development and

establishment of the POM Force. The Army develops the POM force to achieve an affordable and competent force capable of best supporting national objectives and Combatant Commanders' warfighting needs. This force supports the joint strategic planning conducted by the Joint Staff, Combatant Commanders and the Services at the transition between planning and programming.

3. TAA determines the total requirements to meet the NMS, SPG/JPG, and TAP. TAA resources the requirements based on Army leadership directives, written guidance, risk analysis, and input from the combatant commanders day-to-day requirements. The resulting force structure is the POM force, forwarded to OSD with a recommendation for approval. When Congress approves the budget, all approved units are programmed in the Structure and Manpower Allocation System (SAMAS) and documented in The Army Authorization Document System (TAADS), in phase V of the Force Development Process (**figure 1 above**).

4. The purpose of TAA is to determine the required "operating and generating" forces, necessary to support and sustain the "operating force". Echelon above division (EAD) / echelon above corps (EAC) Support Force structure needed to make the divisional and non-divisional force of the "operating force" successful in the MCOs and define the required "generating" forces necessary to support and sustain the "operating forces". The specified combat forces and the EAD/EAC support forces determined during the TAA process are referred to as "operating forces". The determination of the size and content of the Army force structure is an iterative, risk-benefit, trade-off analysis process. The Program Objective Memorandum (POM) force, the force recommended and supported by resource requests in the Army POM, as part of the future years defense program (FYDP), is developed during the TAA process. TAA determines the force for each program year. It has Army wide participation, culminating in CSA decision and SA approval.

a. The TAA **principal products** are the (**figure 2**):

Army's total warfighting requirements;

Required support forces (EAD/EAC//EAB/EAUEx/y);

Force resourced against requirements and budgetary constraints;

Army structure (ARSTRUC) message; and
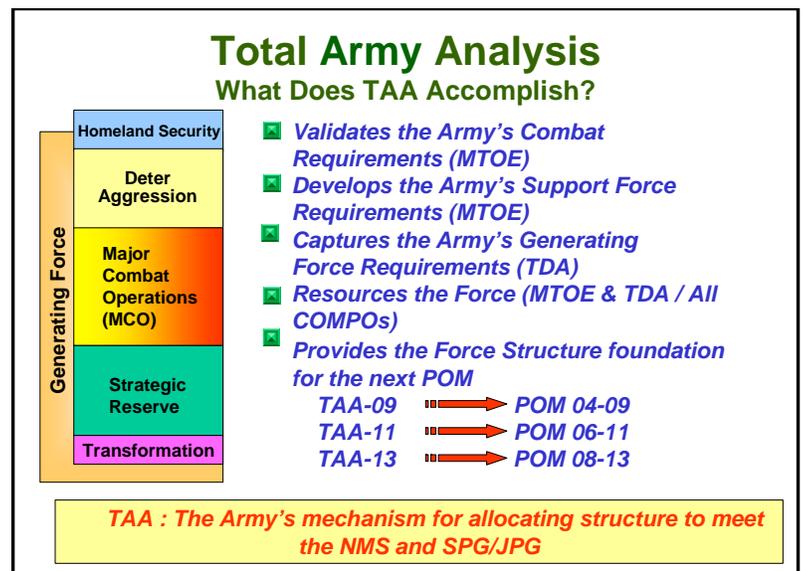
Initial POM force.

Figure 2

b. TAA **objectives** are to:

o Develop, analyze, determine and justify a POM force, aligned with the SPG/JPG and TAP. The POM force is that force projected to be raised, provisioned, sustained, and maintained within resources available during the Future Years Defense Plan (FYDP).

- o   Provide analytical underpinnings for the POM force for use in dialogue among Congress, OSD, Joint Staff, Combatant Commanders and the Army.

- o   Assess the impacts of plans and potential alternatives for materiel acquisition, the production base, and equipment distribution programs on the projected force structure.

- o   Assure continuity of force structure requirements within the PPBE process.

- o   Provide program basis for structuring organizational, materiel, and personnel requirements and projected authorizations.

IV. The TAA process

1.   TAA is the resource sensitive process that executes the decisions of the Office of the Secretary of Defense (OSD), the Department of Defense (DOD) PPBE, directives and initiatives of the Joint Staff, and the Army planning, programming, budgeting, and execution process (PPBE). The Army's strategic roles must support the NMS. These roles have a major impact on the shaping of the Army. Therefore, TAA develops a force that meets the NMS, defeats the threat, within the defined scenarios, under the established dollar constraints, and fulfills all the roles and missions listed, within the parameters of congressional oversight and guidance.
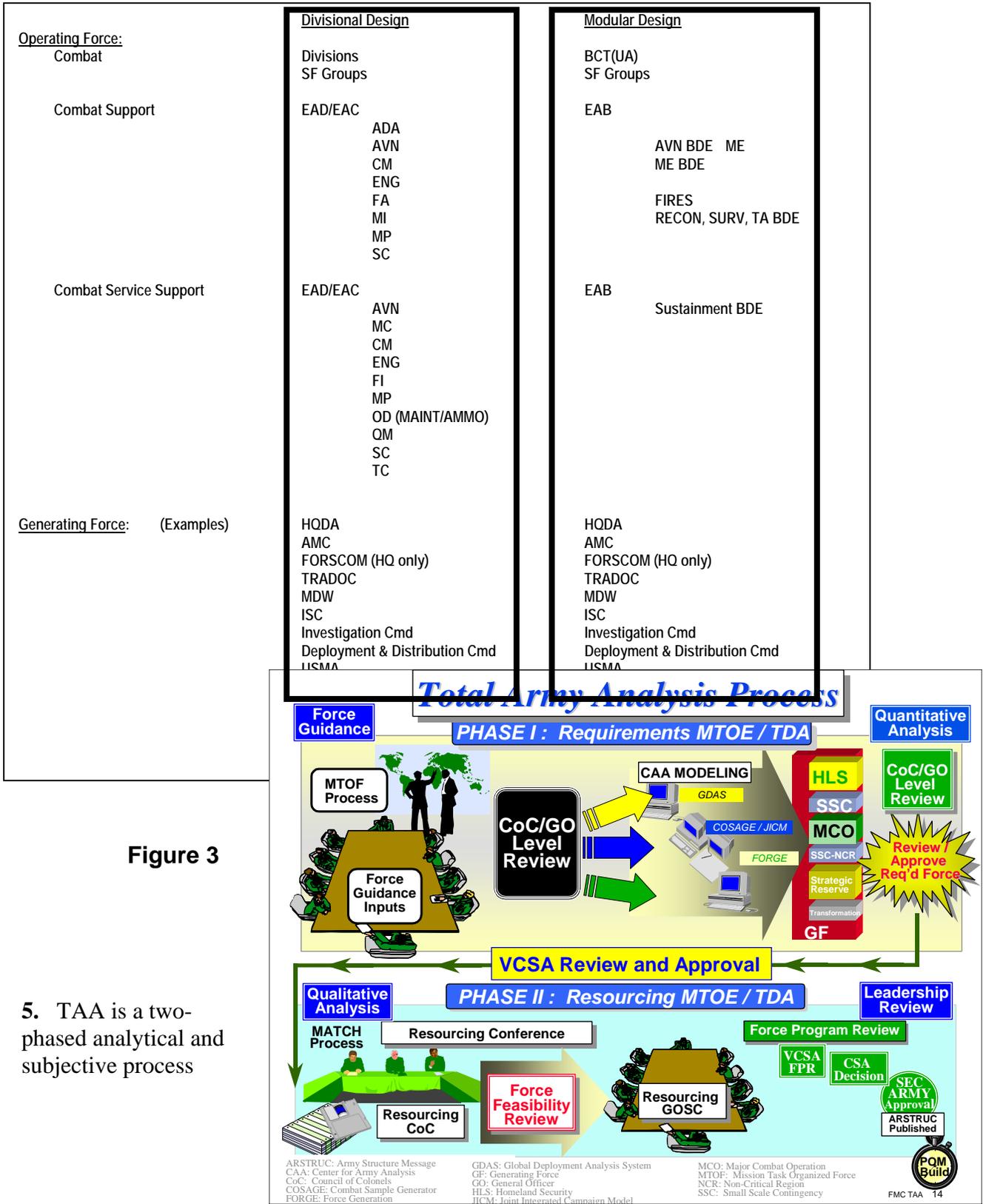
2.   TAA serves as the bridge between OSD/Joint Staff guidance and the Army's planning and program building processes, balancing the Army's force structure requirements (manpower and equipment) against available and planned resources. Decisions, as a result of the TAA process, will shape the future size and composition of the Army and are senior leadership sensitive and made in the best interest of the Army.

3.   Additionally, the TAA process is the means to transition from the planning phase to the programming phase within the Army's PPBE process, assisting in determining, verifying and justifying Army requirements, while assessing force capabilities. The TAA process is flexible and responsive to dynamic changes. The process involves external inputs from the President, Secretary of Defense, CJCS, Joint Staff, OSD, and Combatant Commanders' priorities (for example: anticipated threats, scenarios, end-strengths, and assumptions). The process flows from internal Army actions, decisions and guidance from the Army Secretariat, Army Staff, Combatant Commanders (for example: allocations rules, resource assumptions, warfighting capabilities, and infrastructure priorities), and MACOMs in the decision making process for both requirement and resource decisions. The end result of the TAA process is the right mix of unit models (TOEs) that make up a balanced and affordable force structure to support Joint and Army planning, programming, and budgeting at the strategic, operational and tactical levels.

4.   TAA is a multi-phased force structuring process. It consists of both qualitative and quantitative analyses designed to develop the "operating and generating forces" (MTOE and TDA) necessary to sustain and support the divisional and non-divisional combat forces delineated in the SPG/JPG, IPSs, and TAP.

The purpose of TAA is to define the required support forces to make the combat forces successful. Remember – the Army will continue to have combat force structure based on Army of Excellence (AOE), Power Projection, Force XXI and now Modularity (including SBCT) designs. Therefore, the support forces will be varied and being changing over time as the transformation continues. The combat (CBT) forces are currently established in the TAP and makes up one portion of the "operation force".

TAA, through CAA modeling, determines the remainder of the "operating force". The combat service (CS) and combat service support (CSS) comprise the other portion of the "operating forces". During the transition from Divisional design to modularity, the support forces will transition from echelons above divisions (EAD) and echelons above corps (EAC) to echelons above brigade (EAB), and echelon above unit of employment (EAUE$_{x/y}$). Finally, CAA determines the "generating" forces necessary to support and sustain the operating forces. Figure 3.

	Divisional Design	Modular Design
Operating Force:		
Combat	Divisions	BCT(UA)
	SF Groups	SF Groups
Combat Support	EAD/EAC	EAB
	ADA	
	AVN	AVN BDE ME
	CM	ME BDE
	ENG	
	FA	FIRES
	MI	RECON, SURV, TA BDE
	MP	
	SC	
Combat Service Support	EAD/EAC	EAB
	AVN	Sustainment BDE
	MC	
	CM	
	ENG	
	FI	
	MP	
	OD (MAINT/AMMO)	
	QM	
	SC	
	TC	
Generating Force: (Examples)	HQDA	HQDA
	AMC	AMC
	FORSCOM (HQ only)	FORSCOM (HQ only)
	TRADOC	TRADOC
	MDW	MDW
	ISC	ISC
	Investigation Cmd	Investigation Cmd
	Deployment & Distribution Cmd	Deployment & Distribution Cmd
	USMA	USMA

Figure 3

5. TAA is a two-phased analytical and subjective process

Total Army Analysis Process

Force Guidance

PHASE I : Requirements MTOE / TDA

Quantitative Analysis

MTOF Process

Force Guidance Inputs

CoC/GO Level Review

CAA MODELING

GDAS

COSAGE / JICM

FORGE

HLS
SSC
MCO
SSC-NCR
Strategic Reserve
Transformation
GF

CoC/GO Level Review

Review / Approve Req'd Force

VCSA Review and Approval

Qualitative Analysis

PHASE II : Resourcing MTOE / TDA

Leadership Review

MATCH Process

Resourcing Conference

Resourcing CoC

Force Feasibility Review

Resourcing GOSC

Force Program Review

VCSA FPR   CSA Decision

SEC ARMY Approval

ARSTRUC Published

ARSTRUC: Army Structure Message
CAA: Center for Army Analysis
CoC: Council of Colonels
COSAGE: Combat Sample Generator
FORGE: Force Generation

GDAS: Global Deployment Analysis System
GF: Generating Force
GO: General Officer
HLS: Homeland Security
JICM: Joint Integrated Campaign Model

MCO: Major Combat Operation
MTOF: Mission Task Organized Force
NCR: Non-Critical Region
SSC: Small Scale Contingency

PQM Build

FMC TAA   14

consisting of **Requirement Determination** (force guidance and quantitative analysis) and **Resource Determination** (qualitative analysis and leadership review). **Figure 4** depicts the sequence of activities for the TAA process.

6. The time line for TAA 08-13 is projected to have the Senior Leader guidance issued in January 2005, Phase I (Requirements) conducted in the April 05 – Aug 05 time frame, Phase II (Resourcing) conducted from Sep 05 – Oct 05 and
finally the Approval process
(FPR) completed by the end of November 2005.

TAA Highlights:

      A *two phased* force development process.

      Primarily a *force structuring process* (all Components / MTOE/ITOE & TDA).

      Specifies force structure requirements for each year of | **Figure 4** |

      Incorporates *resource* / *program constraints*.

      A *computer-assisted* process.

      Has *Army-wide participation* including CSA decision and Sec Army approval.

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    a. Phase I of the TAA process captures the Army's combat requirements (MTOE), generates the Army's support requirements (MTOE), and develops the Army's generating force requirements (TDA). TAA develops the echelons above division/echelons above corps (EAD/EC) in the divisional based Army designs and/or echelon above brigade/echelon above unit of employment (EAB/EAUE$_{x/y}$) in the modularity design support forces of the "operating forces" [i.e.; combat support (CS), and combat service support (CSS)], and TDA force structure, referred to as the "generating forces" (required to support both portions of the "operating force" structure).

b. Phase II of the TAA process resources the requirements (MTOE & TDA; all components) based on Army leadership directives, written guidance, risk analysis, and input from the combatant commanders (day-to-day requirements). The resulting force structure is the POM force, forwarded to the Office of the Secretary of Defense (OSD) with a recommendation for approval. When congress approves the budget, all approved units are programmed in the Structure and Manpower Allocation System (SAMAS) and documented in The Army Authorization Documentation System (TAADS).

TAA Phase I. Requirements Determination. Requirements determination, the more critical of the two phases, is made up of two separate events: force guidance and quantitative analysis. Accurate planning, consumption and workload factors, threat data, and allocation rules ensure accurate computer developed requirements.

Force guidance. Force guidance consists of data inputs and guidance from various sources. Guidance from the President, Congress, OSD, JCS, the ARSEC, and ARSTAF is included. Threat data, other Service data, coalition force data, and weapons effectiveness are included. Finally, previous leadership decisions and current guidance from the SA, CSA, VCSA, G-3 and G-8 are addressed. The guidance addresses objectives, threat data, and resource assumptions and priorities.

1. **Higher's Guidance Inputs**. The determination of the size and content of the Army force structure is an iterative, risk-benefit, trade-off analysis process, not all of which is exclusively within the purview of the Army. The NMS, QDR and SPG/JPG constitute the major JCS/DOD directives and constraints imposed upon Army force structure.

a. The NMS describes the strategic environment, develops national military objectives, and describes the military capabilities required to execute the strategy. The NMS also addresses the force structure requirements for the Navy, Air Force, Marine Corps, Coast Guard, Special Operations Command and Reserve Components.

b. The Quadrennial Defense Review (QDR) report addresses the total force required to implement the President's national security strategy and the supporting NMS at prudent military risk. QDR 2001 provided a capabilities based strategy and a new force planning construct.

c. Secretary of Defense initiated two guidance documents to replace the DPG (Defense Planning Guidance).

    1) The Strategic <u>Planning</u> Guidance (SPG) (published in May 2004) provided unified, resource-informed strategic objectives, key assumptions, priorities, fiscal projections, and acceptable risks. The SPG focuses on **"what"** needs to be done, **not** the "how".

    2) The Joint <u>Programming</u> Guidance (JPG) (published in June 2004) provided fiscally constrained programming guidance, directing the services to program towards the strategic objectives. The JPG focuses on the "**<u>how</u>**" and the "**<u>how well to do it</u>**".Based on the SPG/JPG, the Services prepare their POM. For the Army, the SPG/JPG provides the strategy.

    3) OSD provides the directed scenarios called major combat operations (MCO) and the small-scale contingencies (SSC) referred to as illustrative planning scenarios (IPS).

d. In the absence of the NMS, the QDR 2001 Report provided the forces structure guidance for POM (06-11). QDR 01 directed the number of divisions, armored cavalry regiments, and enhance Separate Brigades (eSBs).

2. **Army Guidance Inputs.**

a. The Army Plan (TAP), the principal Army guidance for development of the Army program objective memorandum (POM) submission, articulates the CSA and SA translation of the JCS/DOD guidance to all Services into specific direction to the ARSTAF and MACOMs for the development of the Army POM, and the initiation of the TAA process.

b. The TAP, a HQDA, DCS, G-3/5/7 document, establishes the specific types, sizes, composition and quantities of the "operating forces". The TAP provides the force and resource guidance. This constitutes the start point for force structuring activities for HQDA, DCS G-35 DAMO-SSW (War Plans) and G-37 DAMO-FMF (Force Management).

d. DAMO-SSW and DAMO-FMF of the DCS, G-3/5/7 and the Center for Army Analysis (CAA), a Field Operating Agency of the G-8, use the SPG/JPG and IPS to prepare the combat force apportionment that drives the operating and generating force requirements for that POM cycle. The combat force apportionment dictates the maneuver force needed for the various combat operations and is vetted with the combatant commanders prior to receiving the HQDA DCS, G-3/5/7 approval.

e. Examples of the variety of sources of inputs and guidance are listed here:

OSD and above	ARMY	
NSS	TAP	ADRS: Army (National Guard) Division Re-engineering
NMS	Transformation	AGRI: Army Guard Re-engineering Initiative
SPG	Army Campaign Plan	BRAC: Base Realignment and Closure
JPG	AR/RC Force Mix	COCOM: Combatant Command
QDR	Force XXI designs	Deter (4): SWA – NEA - Asian Littorals – Europe
MCOs	Modularity designs	JPG: Joint Programming Guidance
		NMS: National Military Strategy
		NSS: National Security Strategy
		POE: Posture of Engagement
		POM: Program Objective Memorandum
		QDR: Quadrennial Defense Review
		RDA: Research Development& Acquisition
		SACS: Structure and Composition System
		SBCT: Stryker Brigade Combat Team
		SDTE: Swiftly Defeat the Efforts
		SPG: Strategic Planning Guidance (replaced DPG)

COCOM Requirements	SBCT designs
Homeland Security Requirements	AC SDTE (1st 30 days)
Budget Decisions	Rotational Policy
RDA Decisions	ADRS
Procurement Decisions	AGRI
BRAC	POE
Treaties	Stationing
Total Strength by Compo	

3. Data and guidance inputs.

a. **Mission task organized force (MTOF)**. The NMS assigns future missions to the Services, which in turn generate future requirements. These missions, and requirements, drive the development of MTOFs, a ready structured force(s) possessing balanced capabilities adaptable for missions against one or more multi-faceted threat(s). MTOFs are linked to the National Military Strategy (NMS). These MTOF requirements are developed using a "strategy-to-task" process and captured in the Deter Aggression block of the simultaneity stack for force structure. The tasks in this process are, for the most part, based on the universal joint task list (UJTL). Other MTOFs are generated from specific combatant commander requirements, working groups and workshops and other relevant documents. DCS, G-35 War Plans (DAMO-SSW) has staff responsibility for MTOF development and recording.

b. Postures of Engagement. Postures of engagement include force deployments such as Kosovo, Bosnia, and MFO. They include all of the rotational force structure currently deployed, and are captured in the Deter Aggression block of the simultaneity stack.

c. Parameters, planning and consumption factors and assumptions.

1) HQDA, G-4, TRADOC, U.S. Army Combined Arms Support Command (CASCOM), the theater MACOMs and other elements of the HQDA staff (G-1, G-3/5/7 and G-8) provide specific guidance, accurate and detailed consumption factors, planning factors, doctrinal requirements, unit allocation rules, weapons and munitions data and deployment assumptions. The parameters, factors and assumptions are needed to conduct the series of modeling and simulations iterations to develop and define the total logistical support requirements necessary to sustain the combat force(s) in each MCO, MTOF, POE or SSC.

2) The parameters, factors and assumptions contain theater-specific information concerning logistics and personnel planning, consumption and workload factors, host-nation support offsets and other planning factors crucial to theater force development. A critical step the Force Guidance development is the update and revision of the planning and consumption factors and assumptions.

d. **Allocation rules.** Another critical step during the force guidance development is the review and updating of support force unit allocation rules used by the U.S. Army Center for Army Analysis (CAA) during the modeling process (quantitative analysis).

1) These allocation rules, developed by TRADOC and the functional area proponents for HQDA, G-3/5/7 approval, represent a quantitative statement of each type of CBT/CS/CSS unit's capability, mission, and doctrinal employment.
2) Allocation Rules are machine-readable; normally an arithmetic statement that incorporates the appropriate planning factors.

3) There are three basic types of Allocation Rules:

- Direct input (manual) rules are stand-alone requirements for a unit in a theater. Generally the maneuver force (i.e.; Divisions, ACRs, Separate Brigades, Corps Headquarters and Theater Army Headquarters).

- Existence rules tie a requirement for one unit to another. Allocation of units based on the existence of other units, or a function of a theater's physical or organizational structure (i.e.; for one large general purpose port: 1ea Harborcraft Company, 1ea Military Police Company, etc).

- Workload rules tie unit requirements to a measurable logistical workload or administrative services in proportion to the volume of those services. (i.e.; 1ea DS Maintenance Company per 375 daily man-hours of automotive maintenance or 1ea POL Supply Company per 2200 tons of bulk POL consumed per day).

4) The allocation rules are adjusted as necessary to incorporated new/modified unit TOEs, changes in scenarios, modification of assumptions, adjustment to logistical support plans, additions/deletions/modifications in doctrinal employment concepts, and changes to theater-specific planning factors. **Figure 7** is an example of an allocation rule recommending change from TAA-09 to TAA-11.

5) Council of Colonels and General Officer Level Reviews, attended by Army Staff (ARSTAF), support agencies, MACOM and proponent representatives, ensure all allocation rules are appropriate and approved for use in the current scenarios (see example).

RULE	TYPE	FY 09			STRENGTH	
		CP1	1	**10466L000**	OFF	9
X CHANGE	EXISTENCE	CP2	11		WO	1
NEW	X WORKLOAD C2	CP3	9		EN	30
2K DRIVER	WORKLOAD	CP4	0	**WATER SUPPLY**		
NO CHANGE	MANUAL	OTHER		**BATTALION**		
		TOTAL	21		TOTAL	40

TAA09	HLS	DETER	MCO	NCR	SR	TRANS	GF	TOTAL
REQ	4	0	14	0	2	0	0	20

Mission: To provide command and control of up to seven assigned/attached companies or company equivalents engaged in providing potable water support.

Capabilities: (Per Section 1 of TOE)
• Command and Control of two to six Water Units listed under Workload.
• One light wheeled vehicle mechanic to the unit providing unit maintenance.
• One cook to the unit providing food service support.
• A consolidated unit property book.

•**Assignment**: To a Corps Support Group, Petroleum Group, or COSCOM.

•**TOE BOA**: As required based on stated capabilities.

TAA-09 Rule
.199 per 10469L000
.199 per 10468L000
.100 per 10570LC00
.100 per 10570LG00
.199 per 55727L100
.199 per 55728L100

TAA-11 Rule (Change)
WEST: .199 per Co Hqs, with a rounding rule of .7

EAST: .199 10567FE00, Aug Purif & Distr Co Hqs
.199 Water Transportation Truck Company
.199 10567FA00 Co HQ, Wtr Purif/Distr Co

THIS MATCHES
10466L000
IN SAMAS

Figure 7

4**. Council of Colonels / General Officer Level Review**. COC/GO Level Reviews are decision forums where all the parameters, constraints, data inputs and guidance are identified and approved for inclusion in the current TAA cycle and CAA models. The TAA process is evolving and the review forums are in transition. The review forum was formally known as SAGs (Study Advisor Groups).

a. There are two types of reviews: council of colonels (COC) and general officer (GO), including Senior Executive Service (SES). Each of these forums meet several times during the TAA process. The forums meet:

1) during phase I to approve data input, guidance, scenarios, and allocation rules appropriate for inclusion in the TAA process.

2) at the end of phase I to review and approve the warfighting force structure requirements developed through the CAA modeling. It focuses on reviewing and approving the "required force" file prior to the VCSA reviewing and approving the "required force". The required force is prioritized in accordance with the guidance provided in the QDR, SPG/JPG and TAP. The prioritization is referred to as the "Simultaneity Stack" (discussed later).

3) during phase II the final COC/GO Level Reviews are conducted to resolve resourcing issues. The resourcing conference COC provides the initial qualitative analysis and review of the CAA developed force. The resourcing conference COC provides the opportunity for the ARSTAF, MACOMs, proponent representatives and staff support agencies to provide input, propose changes, and surface issues. The qualitative phase culminates with the resourcing conference GO Level Review. The GO Level Review approves the decisions of the resourcing conference COC, reviews the output from the FFR process and addresses remaining unresolved issues. The resourcing conference GO Level Review approves the

force that is forwarded to the VCSA for review and ultimately forwarded for CSA decision and Secretary of the Army approval.

b. ARSTAF, MACOMs, TRADOC schools, Army Service Component Commands, and field operating agencies (FOAs) participate in the COC forums. The senior leadership of the Army participates in the GO level. The COC level review ensures all data input and guidance is appropriate and approved for use in the current scenario(s). The GO level review addresses those issues that were unresolved at the COC forum and approves all assumptions, planning factors, allocation rules and guidance as inputs for the second part of Phase I, the CAA modeling.

c. COC /GO Level Reviews recommend adjustments and approve inputs and parameters for the modeling conducted by CAA. These forums are scheduled to approve the specific data inputs to the CAA computer models and review the warfighting force structure requirements (outputs) developed through CAA computer modeling. The format and content of the reviews are subject to change. However, the forums should approve the related items in these general categories:

1) Deployment models. This category focuses on how we model and how we constrain the force. Inputs include the general parameters, modeling for all U.S., allied, and threat forces, and deployment assumptions; all weapons, characteristics, rates of fire, munitions available, and lethality.

2) Combat modeling. This category focuses on how we deploy and how we fight the force. Inputs include the combat modeling, approving the priority of flow, requirements versus capabilities, and the campaign plan (warfight and support concept).

3) Force Generator (FORGE). This category focuses on how we support and sustain the force (**figure 8**). This forum terminates the guidance determination when all assumptions, planning factors and guidance inputs are approved for the current TAA cycle. Inputs considered for approval are fuel, ammunition, host nation support (HNS), coalition support, stockage levels, the casualty rates, evacuation policy and the allocation rules. This model was formally known as Force Analysis Simulation of Theater Administrative and Logistics Support (FASTALS).

Figure 8

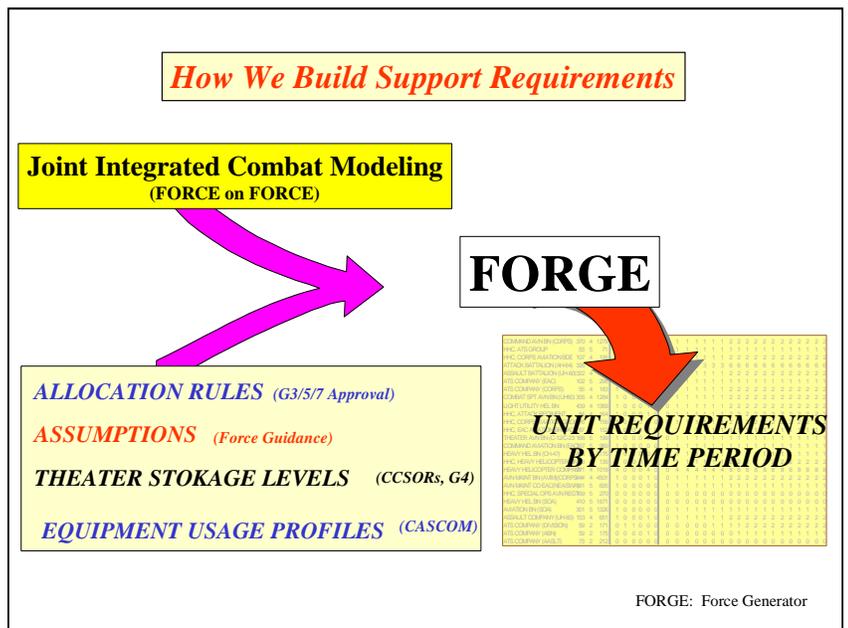**4)** COC/GO Level Reviews are currently working within the Army Campaign Plan (ACP) teleconferencing forum and format.

5. *Setting the stage for quantitative analysis*. During the early stages of Phase I, CAA makes several model runs of the Global Deployment Analysis System (GDAS) and Joint Integrated Combat Model (JICM) to set the stage for the second part of Phase I, Quantitative Analysis.

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<u>**Quantitative analysis.**</u> The total warfighting requirements are determined in this phase. CAA, through computer modeling, generates the total requirements for types of units needed to ensure success of the divisions and non-divisional organizations directed in the different scenarios. CAA uses the apportioned force provided in the OSD and Army guidance for employment in the Illustrative Planning Scenarios (IPS). The computer models generate resources (units or classes of supply) needed in each scenario. Based on the allocation rules and the requirements generated for units or classes of supply, CAA modeling develops the "support forces" required to ensure success of the deployed divisional and non-divisional units in the warfight, given the assumptions and guidance approved in the SAGs. The TAP directed force structure and the newly determined "support force" is known as the "operating force".   The TAA process then determines the "generating force" which is predominately TDA organizations. CAA develops the generating force structure required to support the "operating force" (divisional, non-divisional (CBT) and EAD/EAC (CS/CSS) units).

1. *CAA modeling*. CAA accomplishes the modeling of TAA through a series of analytical efforts and associated computer simulations. Improved modeling, accurate consumption factors, proper allocation rules, and application of the rules develop the most accurate definition of the total force requirements to support the directed MCOs and SSCs. The sequence is shown at **Figure 9.**

   a. GDAS- Global Deployment Analysis System. A strategic deployment analysis, GDAS, is accomplished for each scenario. The CAA models have as their major inputs the available strategic mobility (lift) forces, the joint force(s) requiring movement, the required mobilization and training times for RC forces, and the capability desired to deliver the "operating force" in the theater of operations. The major output is the achievable mobilization station-to-port of embarkation-to-port of debarkation to tactical assembly area arrival schedule for all units (CBT/CS/CSS). This

Figure 9

becomes one input into the theater combat operations analysis, Concept Evaluation Model (CEM).
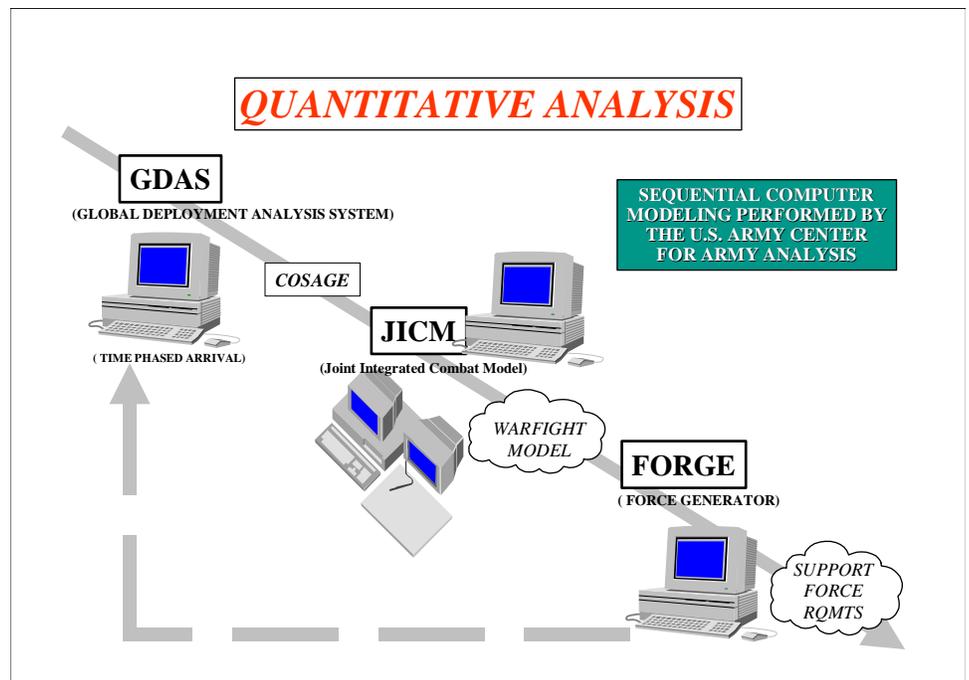
   b. **JICM-** Joint Integrated Combat Model. A theater combat operations analysis is accomplished at both tactical and operational levels for each scenario, using the additional major inputs of friendly and enemy weapons' quantities and effectiveness data, friendly and enemy tactical and operational doctrines, projected resupply capabilities, and available joint and combined forces. Major outputs which become inputs to the theater logistical analyses, Force Generator (FORGE), include forward line of own troops (FLOT) movement over time, personnel

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and equipment casualties to the "operating force", ammunition expenditures, and brigade/division combat intensities.

c. **FORGE**- Force Generator. A theater logistical analysis for each scenario utilizes the outputs of JICM as inputs, along with such logistical data as in-place stocks, existing infrastructure and transportation network, available host-nation support, projected consumption rates, unit direct support (DS) and general support (GS) maintenance requirement factors, and supply, medical, and construction policies to determine time-phased personnel, replacement, medical, material, maintenance, construction, and transportation workloads. In combination with the allocation rules approved by the review forums, these workloads generate the CS/CSS support force requirements and a time-phased required troop deployment list for that scenario.

2. **Total Force requirements.** The Total Force requirements include the force requirements identified to successfully conduct Homeland Security, Deter Aggression, the MCO(s) ITOE – CBT), support force structure (MTOE/ITOE -- CS/CSS) generated to support the combat forces in the MCOs, (MTOE/ITOE) and the TDA generating force. Additionally, Homeland Security, Combatant Commander's day-day- requirements, SSC – Critical Regions and SSC –Non-Critical Region force structure, Strategic Reserve, rotational forces, force structure fenced for Transformation activities and the Generating Force are addressed in the total requirements through the **"SIMULTANEITY STACK" – Figure 10**.

TAA Simultaneity Stack Development
(Example)

Generating Force	HLS	- Dedicated forces assigned to NORTHCOM
	Deter	-Supporting Combatant Commander day-to-day wartime requirements -Small Scale Contingencies in critical regions (postures of engagement and MTOFs e.g. SFOR/KFOR)
	MCO	- Swiftly Defeat the Efforts (SDTE) – average of forces required for SDTE scenarios modeled in TAA - Decisive Victory (DV) – average forces required for DV scenarios modeled in TAA
	SR	- Strategic Reserve forces (to be multi-missioned) - Rotational Forces -- units required to give the Army strategic depth and endurance, allows service to meet OPTEMPO and DEPTEMPO objectives
	TRANSFORMATION	- Forces undergoing transformation (e.g. UA and UE forces)
		- Units required to meet the Army's titled responsibilities and force generation processes. Majority TDA requirements.

- Homeland Security IAW NORTHCOM
- Posture of Engagement (SSCs)
- Combatant Commanders' Day-to-Day Requirements (supporting Combatant Commander)
- Defeat the Efforts (warfights averaged)
- Decisive Victory (warfights averaged)
- Divisions as part of Strategic Reserve
- Rotational forces required to give the Army strategic depth and endurance.
- Army Transformation (First UE and UAs)

Figure 10

a.   The total MTOE/ITOE and TDA requirements file include units required/generated for Homeland Security. NORTHCOM will provide guidance, threat and mission directives in the future.

b.   Deter Aggression in the four Small Scale Contingencies - Critical Regions (SSC-CR), including Combat Commander's daily requirements and Postures of Engagements (POE).

c.   The two directed Major Combat Operations (MCO). The MCO(s) produce a "Time-Phased" force that includes the "operating" forces and (1) the "doctrinal" non-divisional support force (Force XXI, Army of Excellence, and/or Power Projection design) and (2) the echelon above Brigade Combat Team – Unit of Action (CBT-UA), support UAs and $UE_{x/y}$

force structure requirements (fully structured and totally optimized – meaning ALO 1) that sustain the combat forces based on the SPG/JPG and IPS, doctrine, allocation rules and the conduct of the warfight.

d. Force structure required for the SSC- Non Critical Regions (NCR).

e. Strategic Reserve.

f. Transformation in accordance with the Army Campaign Plan.

g. Generating Force. Generating Force Structure (TDA) requirements include force structure needed to support the MCO(s), support multiple SSCs, organizations found in the Army Campaign Plan, and organizations supporting a variety of domestic support missions.

h. MTOF – Mission Tasked Force structure.

3. **The "Simultaneity Stack".** The required force is prioritized in accordance with the guidance provided in the QDR, JSP/JPG and TAP. The prioritization is referred to as the "Simultaneity Stack". The required force determined by CAA modeling is then arrayed against the categories of the stack for planning purposes. Type units within the required force may be arrayed against multiple areas of the stack based on force match guidance (e.g. a transportation company may be aligned in the MCO as part of the warfight and also dual-matched against a HLS requirement). **Figure 10** further defines major considerations in the simultaneity stack development. The **Simultaneity Stack** provides resourcing priorities to the TAA participants in seven major categories:

a. Homeland Security: The NORTHCOM Commander (new Unified Command) and staff will develop the METL for his arena. The Homeland Security force structure requirements are developed from this METL and the missions developed by the NORTHCOM Commander and staff.

b. Deter Aggression: The force structure required to deter forward in four critical regions and requirements generated for the combatant commanders for daily requirements. Modeling and negotiations will determine the end results.

c. MCOs: Combat, combat support and combat service support units directed, generated and verified, through CAA modeling, to successfully defeat or decisively win the MCOs. The force structure requirements are based on the scenarios, allocation rules, doctrinal employment of combat and combat support/combat service support determined by CAA.
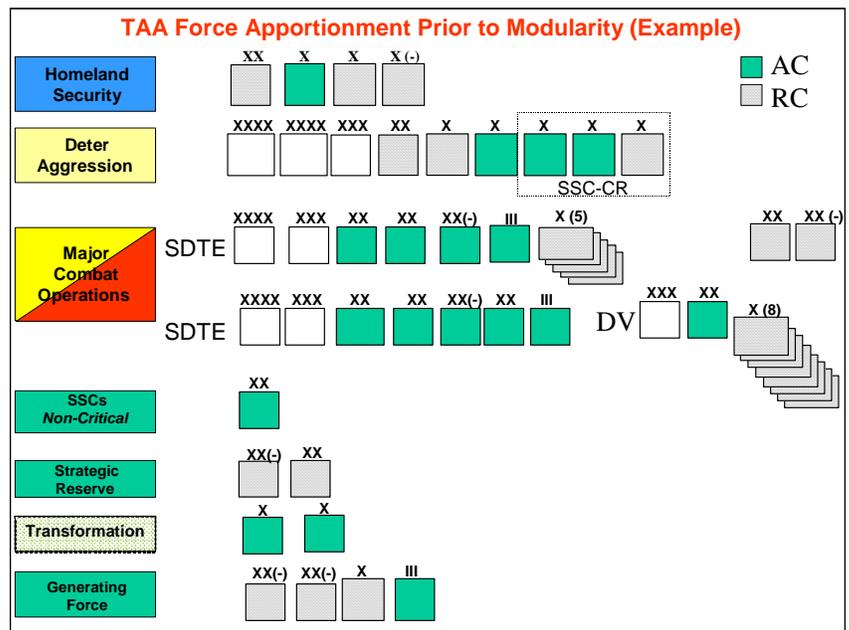

Figure 11A

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d.   SSC (NCR). Operating and generating forces developed to support the "worse case" simultaneous stacking of SSCs (Non-Critical Region) – based on the likelihood and impact on the U.S. CAA develops the force structure requirements for the SSC – NCR from the approved MTOFs.

e.   Strategic Reserve (SR): The SR is determined through risk analysis in the TAA process.

f.   Transformation: Army units undergoing Transformation are not available for deployment. The force structure must be accounted for, including support force structure and generating force structure.

g.   Generating Force Structure: Generating Force Structure includes the required non-combat organizations (i.e.; TRADOC, HQDA, AMC, USMA, etc) supporting the warfight (MCOs), Homeland Security, Deter Aggression (SSC), Transformation and Strategic Reserve.
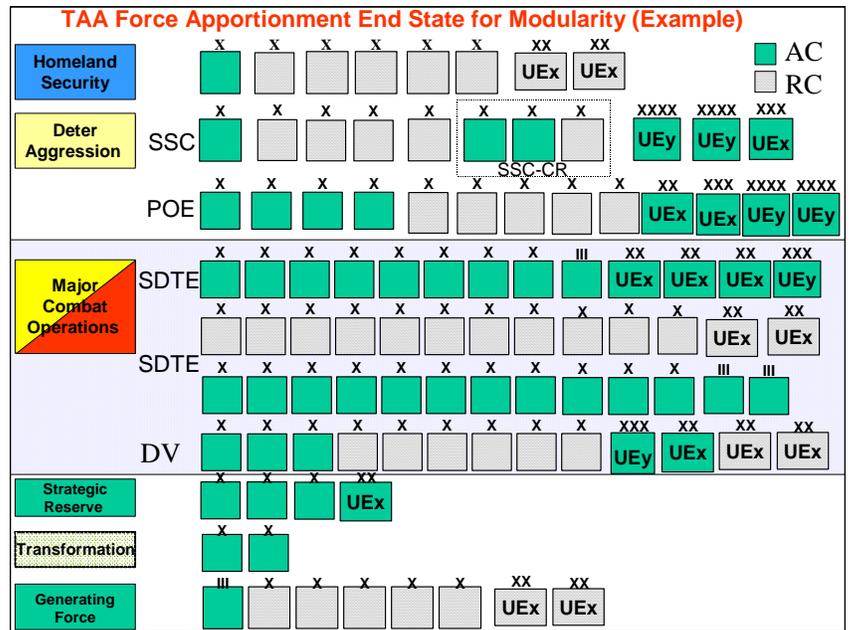

Figure 11B

h.   Figures 11A and 11B reflect the "binning" of the force requirements in the seven major categories. Figure 11A reflects the apportionment of TAA-09 (prior to modularity). Figure 11B reflects an estimate of how the apportionment might appear in TAA-23 (end state of modularity). Between TAA13 and TAA23 the apportionment should reflect a mix of divisional and modular designs.

4.   Review and approval. Phase I (Requirements Determination) is complete after the COC/GO Level Reviews the CAA computer generated output (total warfighting MTOE/ITOE and TDA requirements).

a.   The total warfighting requirements, portrayed by FORGE, are a fully structured and resourced force at authorized level of organization (ALO) 1.

b.   Additionally, the COC/GO Level Review approves the force structure requirements supporting Homeland Security, Deter Aggression, all of the SSCs, designated strategic reserve, units conducting transformation, MTOFs and the Generating Force. The GOSAG recommends approval of the force to the VCSA.

c.   The VCSA reviews and approves the "total force requirements" generated through the computer models, which provide the doctrinally required units from CAA (provided by FORGE), and recognized within the "Simultaneity Stack".   The VSCA review and approval is the transition to Phase II of TAA (Resource Determination).

d.   **MATCH MODEL.** After the VCSA reviews and approves the total force requirements, a comparison of data files (MATCH report) is made between the VCSA approved total force requirements (CAA developed) and the current program force (Master Force (MFORCE)).

1) The MATCH (not an acronym) report provides the "delta" (COMPO 5) between the new requirements and the programmed force (SAMAS). The MATCH is accomplished through a computer comparison program. CAA produces the "required MTOE and TDA" force file by combining the troop lists of required forces for the various scenarios ("Simultaneity Stack"), in accordance with guidance provided from DCS, G-3/5/7. **Figure 12** demonstrates the relationship of the MATCH model and the Simultaneity Stack.
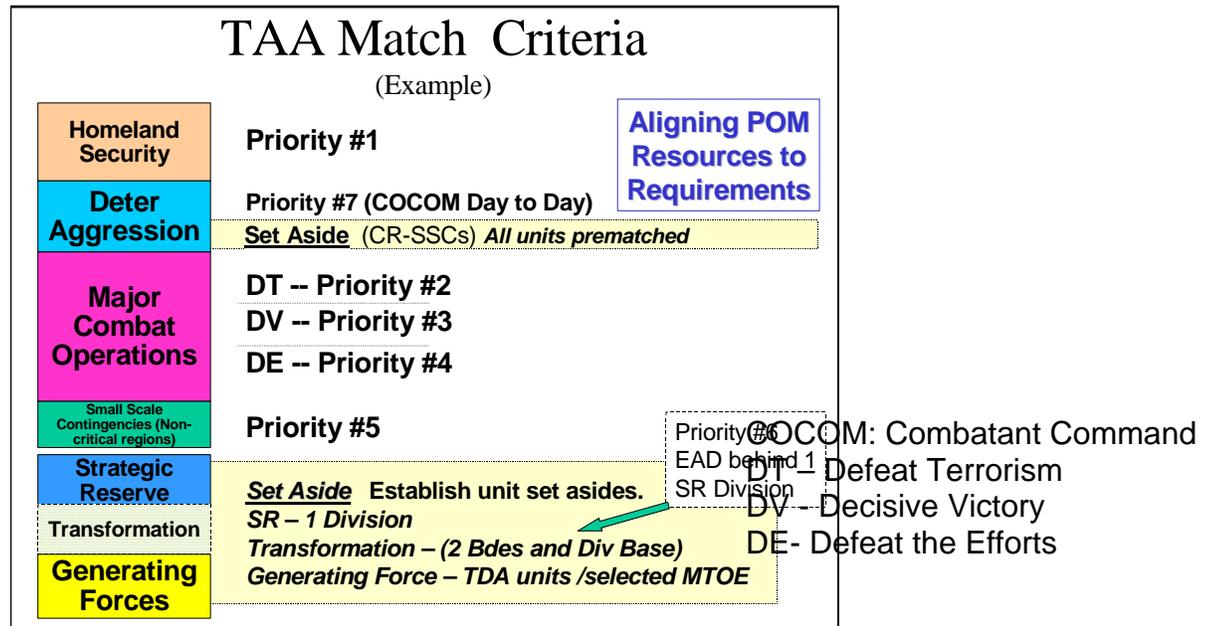

TAA Match Criteria

(Example)

Homeland Security	**Priority #1**
Deter Aggression	**Priority #7 (COCOM Day to Day)**
	Set Aside (CR-SSCs) *All units prematched*
Major Combat Operations	**DT -- Priority #2**
	DV -- Priority #3
	DE -- Priority #4
Small Scale Contingencies (Non-critical regions)	**Priority #5**
Strategic Reserve	*Set Aside* **Establish unit set asides.**
Transformation	*SR – 1 Division*
Generating Forces	*Transformation – (2 Bdes and Div Base)*
	Generating Force – TDA units /selected MTOE

Aligning POM Resources to Requirements

Priority #6
EAD behind 1
SR Division

COCOM: Combatant Command
DT -- Defeat Terrorism
DV -- Decisive Victory
DE- Defeat the Efforts

Figure 12

2) A computer program compares the VCSA approved, doctrinally required, force file provided from CAA with a current list of on-hand and programmed units (MFORCE from SAMAS) to determine the "delta" (component (COMPO) 5) for future programming discussions and issue formulation. The MATCH report and required force files are provided to DCS, G-3 for dissemination to the MACOMs for review and issue formulation in preparation for the Resource Determination phase.

3) The MATCH compares Standard Requirement Code (SRC), Authorized Level of Organization (ALO), component (COMPO) and location. If the CAA developed and VCSA approved requirement is greater than the programmed quantity, that SRC is a "claimant". If the approved requirement is less than the programmed quantity, that SRC is a potential "bill payer".

TAA Phase II. Resource Determination.

Resource Determination consists of two separate activities: Qualitative Analysis and Leadership Review. The qualitative analysis is the most emotional facet of the TAA process because the results impact every aspect of the Army. Therefore, this phase requires extensive preparation by participants to ensure the best warfighting force structure is developed.

Qualitative analysis. Qualitative analysis is conducted to develop the initial POM force, within end strength guidance, for use in the development of the POM. A series of resourcing forums, analyses, panel reviews, and conferences consider and validate the FORGE model generated

requirements and the analysis of those requirements. The qualitative analysis is conducted during the resourcing conference. The resourcing conference is held in two separate sessions: Council of Colonels (COC) and General Officer Steering Committee (GOSC).

1. Resourcing conference COC.

a. The resourcing conference COC provides the initial qualitative analysis and review of the CAA developed force. The resourcing conference COC provides the opportunity for the ARSTAF, MACOMs, proponent representatives and staff support agencies to provide input, propose changes, and surface issues. *The issues focus on component (COMPO) and center on resolving claimant versus billpayer resourcing issues, while voicing concerns about priorities versus risks.* The AC/RC mix and end-strength concerns are key recommendation outputs of this conference. It allows combatant commander representatives (Army component commanders) to verify that theater specific requirements are satisfied by Army force structure assigned/apportioned to their commands to meet current combatant commander operation plan (OPLAN)/concept plan (CONPLAN) warfighting requirements and theater day-to-day requirements (CCDOR).

b. HQDA action officers and their counterparts enter an intense round of preparations for the upcoming resourcing conference. Since the quantitative analysis only determined requirements for doctrinally correct, fully resourced (ALO 1) CBT/CS/CSS units deployed into the theater(s) of operations, the determination of a need for additional non-deploying units, the acceptance of risk through the reduction in ALO of units, and the allocation of resourced units to components (Active Army, U.S. Army Reserve (USAR), ARNG) must all be accomplished during the resourcing conferences.

This is the first point at which the COMPO becomes a factor. Several AC/RC force structure issues are currently being worked: AC/Rebalance directed by the Secretary of Defense, AC/Force Structure Mix, support for modular units (BCT(UA) and $UE_{x/y}$), ADRS, AGRI and Homeland Security force structure requirements.

HQDA bases force structuring options on an understanding of the objectives to be achieved, the threat and the constraints. The primary differences among various options are the extent to which risk, constraints and time are forecast.

c. The resourcing conference forums are morphing. The format, length of time, issue development and presentation are under review. The completion of TAA11 and the initiation of TAA13 will determine the timing, location, and focus of each resourcing conference meeting.

The focus of the resourcing conference is to identify and develop potential solutions for the myriad of issues brought to TAA. The OIs and force integrators (FIs) are key individuals in this forum. The OIs and FIs have the responsibility to pull together the sometimes diverse guidance and opinions developed during the conference, add insight from a branch perspective, and establish whether the changes in the building blocks for the design case were in fact the best course of action. The OIs pull all the relevant information together for presentation to the COC. During these presentations, the OI reviews each standard requirements code (SRC) that falls under his/her area of responsibility, and presents recommendations on how to solve the various issues. The FI has the responsibility to provide a macro view of issues across the functional branches. Other major players are staff officers in the G-8, G-1, G-4 and PA&E.

d. The resourcing conference COC integrates TDA issues and requirements, and reviews and resolves issues based upon sound military judgment and experience. COC submits their product to the Force Feasibility Review (FFR) process for review by the ARSTAF. The COC forwards

their recommendations and unresolved issues, after the FFR process is completed, to the resourcing conference GOSC.

2. **FFR.** The ARSTAF conducts a Force Feasibility Review (FFR) during the resource determination phase. The ARSTAF further analyzes the force, initially approved by the COC, via the FFR. The FFR process uses the results of the TAA resourcing conference as input, conducting a review and proposing adjustments to the POM force to assure it is affordable and supportable. At the MACRO level, within the limits of personnel and budgetary constraints, the FFR determines if the POM force can be manned, trained, equipped, sustained and stationed (Figure 13). The FFR process identifies problems with the POM force and provides alternatives, based on prior TAA initiatives, unalterable decisions from the Army leadership, or program budget decisions (PBD), to the GOSC for determining the most capable force within constraints.
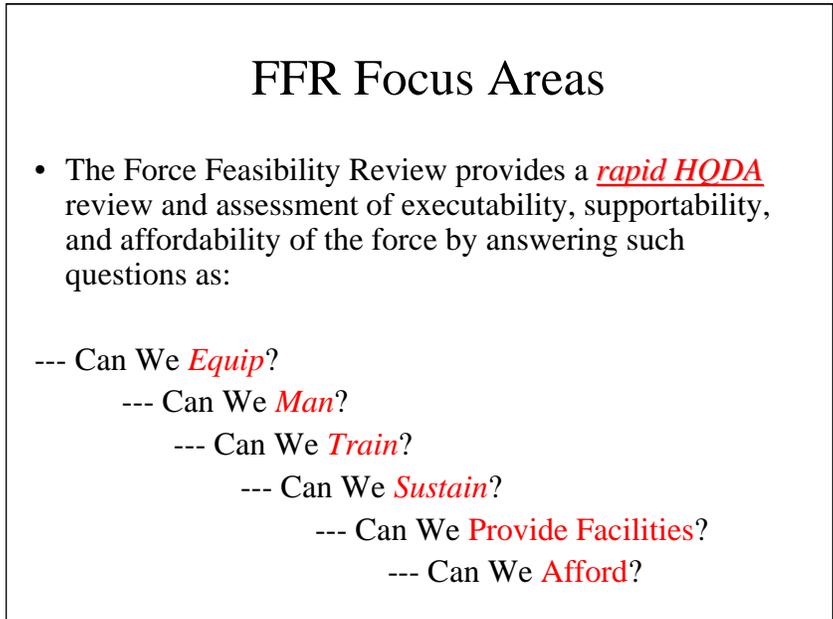
FFR Focus Areas

- The Force Feasibility Review provides a *rapid HQDA* review and assessment of executability, supportability, and affordability of the force by answering such questions as:

--- Can We *Equip*?
    --- Can We *Man*?
        --- Can We *Train*?
            --- Can We *Sustain*?
                --- Can We Provide Facilities?
                    --- Can We Afford?

Figure 13

3. **Resourcing conference GOSC.** The qualitative phase culminates with the resourcing conference GOSC. The GOSC reviews/approves the decisions of the resourcing conference COC, reviews the output from the FFR process and addresses remaining unresolved issues. Currently the GOSC is using the Army Campaign Plan forum to bring the recommendation to the VCSA. The resourcing conference GOSC approves the force that is forwarded to the VCSA for review and ultimately forwarded for CSA decision and Secretary of the Army approval.

Leadership review. After the resourcing conference GOSC meets to resolve any contentious or outstanding issues, the leadership review is initiated through the force program review (FPR) process. The VCSA chairs the FPR resolving any issues forwarded from the resourcing conference forums. The VCSA scrutinizes, reviews and approves the force ultimately presented to the CSA for decision and briefed to the Secretary of the Army.

Army structure (ARSTRUC) message

The ARSTRUC message provides a historical record of the Army's Senior Leadership final decisions made during the TAA process. The ARSTRUC message, produced by DCS, G-37 Force Management, is directive in nature, providing the MACOMs results at the standard requirements code (SRC) level of detail. The ARSTRUC message marks the end of the TAA process. **Figure 14** reflects processes and products down stream from the TAA process. The ARSTRUC message directs the MACOMs to make appropriate adjustments to their force structure at the unit identification code (UIC) level of detail during the next command plan. Command Plan (CPLAN) changes are recorded in the Structure and Manpower Allocation System (SAMAS), the official database of record for the

Army. SAMAS, along with the basis of issue plans (BOIP) and table of organization and equipment (TOE), provides the basis for Army authorization documentations (MTOE and TDA).
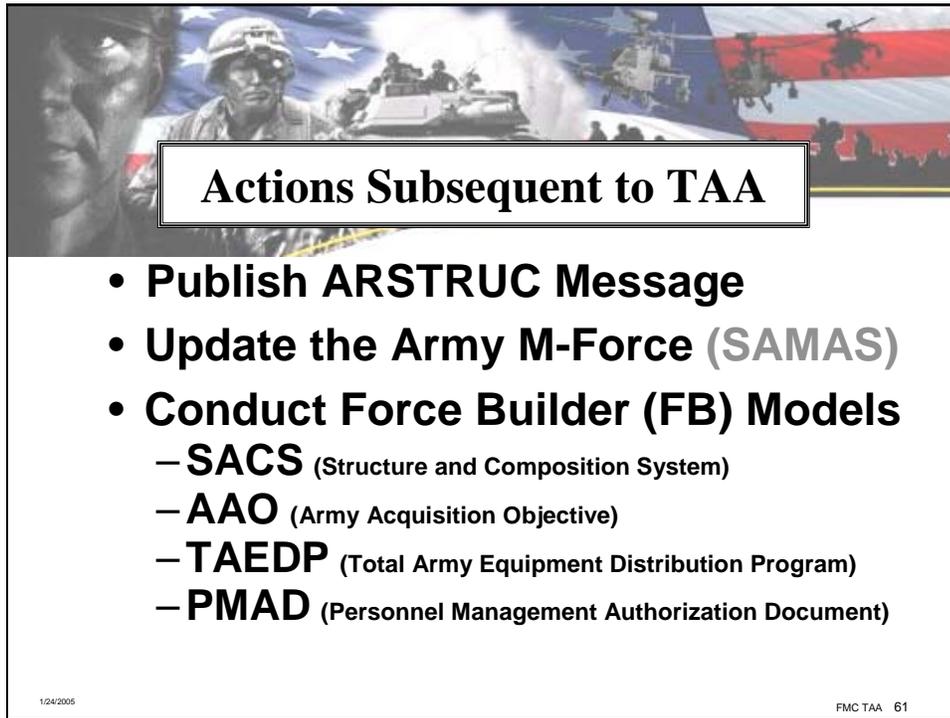
Figure 14

The product of TAA

The product of the TAA and POM processes is the approved and funded force structure for America's Army.

1. The resourced TAA force represents the force structure for POM development, capturing all components (Active, Reserve, host nation) and TYPCOs (MTOE, TDA and AugTDA) requirements through the end of the POM years (MFORCE). The POM force meets the projected mission requirements within anticipated end strength and equipment level. The final output should result in an executable POM Force. The Army forwards the POM force to OSD with a recommendation for approval.

2. The product of the TAA and POM processes is the approved force structure for the Army, which has been divided for resource management purposes into components: the Active Army (COMPO 1), the ARNG (COMPO 2), and the USAR (COMPO 3). Three other components — direct host-nation support (COMPO 7), indirect host-nation support (COMPO 8), and logistics civil augmentation (COMPO 9) — comprise force structure offsets. COMPO 7 and 8 are guaranteed by host-nation support agreements. COMPO 9 is an augmentation, not an offset and represents the contracts for additional support and services to be provided by domestic and foreign firms augmenting existing force structure. COMPO 4 is no longer used. COMPO 4 represented the unresourced units in SAMAS. COMPO 4 units, mostly CSS units, were part of the Army's required force structure, but

were deliberately unresourced so that available resources could be applied to higher priority peacetime force structure initiatives and other Army programs.

   Another method of apportioning the limited resources against the larger force structure requirements was through the reduction in ALO of specified units (later deploying), thereby accepting some risk for not having a diminished capability in the programmed force.

TAA-13 Information.

1. **Time line:** TAA-13 will be a two-phased process. The projected time line for TAA-13 establishes a 10-month schedule. TAA-13 focuses on the impacts of QDR 2005, additional modularity force structure decisions, and the modification to the review forums. The time line for TAA 08-13 is projected to have the Senior Leader guidance issued in January 2005, Phase I (Requirements) conducted in the April 05 – Aug 05 time frame, Phase II (Resourcing) conducted from Sep 05 – Oct 05 and finally the Approval process (FPR) completed by the end of November 2005.

2. **Force structure goals for POM 08-13**. As noted in **figure 15**, several items have taken center stage for TAA-13. In addition to the Combatant Commander's requirements, the Army's Focus Areas, transformation initiatives, modularity, the impact of +/-30,000 authorizations to the active component end strength, AC/RC rebalancing, and inclusion of the successes of the FY04 Modular Support Force Analysis (MSFA) used in TAA-11 are highlighted.
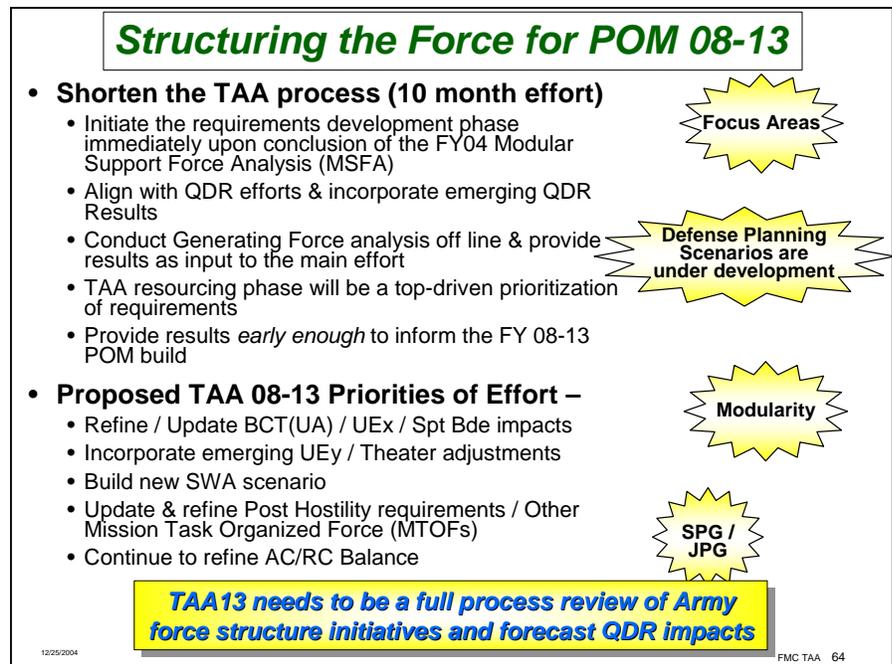
Structuring the Force for POM 08-13

- **Shorten the TAA process (10 month effort)**
  - Initiate the requirements development phase immediately upon conclusion of the FY04 Modular Support Force Analysis (MSFA)
  - Align with QDR efforts & incorporate emerging QDR Results
  - Conduct Generating Force analysis off line & provide results as input to the main effort
  - TAA resourcing phase will be a top-driven prioritization of requirements
  - Provide results *early enough* to inform the FY 08-13 POM build

- **Proposed TAA 08-13 Priorities of Effort –**
  - Refine / Update BCT(UA) / UEx / Spt Bde impacts
  - Incorporate emerging UEy / Theater adjustments
  - Build new SWA scenario
  - Update & refine Post Hostility requirements / Other Mission Task Organized Force (MTOFs)
  - Continue to refine AC/RC Balance

Focus Areas

Defense Planning Scenarios are under development

Modularity

SPG / JPG

TAA13 needs to be a full process review of Army force structure initiatives and forecast QDR impacts

12/25/2004   FMC TAA 64

Figure 15