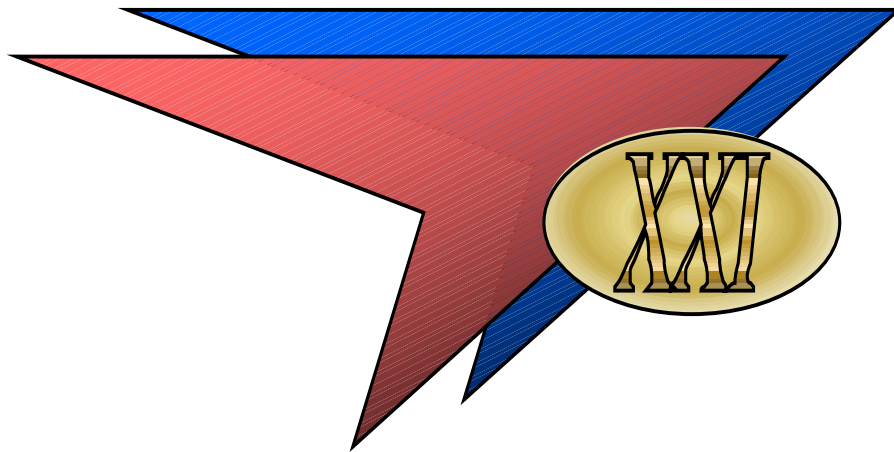


DEPARTMENT OF THE ARMY

FM 4-93.53

***FORCE***



**TACTICS, TECHNIQUES, AND  
PROCEDURES FOR THE  
DIVISION AVIATION SUPPORT  
BATTALION (DIGITIZED)**

**MAY 2002**

**DISTRIBUTION RESTRICTION: Approved for public  
release; distribution is unlimited.**

# Division Aviation Support Battalion (Digitized)

## Contents

	<b>Page</b>
Preface	iii
<b>Chapter 1</b>	<b>DASB ORGANIZATION AND FUNCTIONS ..... 1-1</b>
	DASB Organization and Functions ..... 1-3
	Force XXI Combat Service Support Imperatives and Principals ..... 1-5
	CSS Characteristics..... 1-17
<b>Chapter 2</b>	<b>DIGITIZED DIVISION TECHNOLOGIES ..... 2-1</b>
	Combat Service Support Redesign Enablers ..... 2-2
	Standard Army Management Information Systems (STAMIS) .... 2-12
	Combat Service Support Functions on FFCB2 ..... 2-18
	Army Tactical Command and Control Systems (ATCCS) ..... 2-23
<b>Chapter 3</b>	<b>HEADQUARTERS AND HEADQUARTERS COMPANY (HSC)..... 3-1</b>
	Organization and Missions ..... 3-1
	Personnel and Sections ..... 3-3
<b>Chapter 4</b>	<b>GROUND MAINTENANCE COMPANY (GMC) ..... 4-1</b>
	Organization and Missions ..... 4-1
	Personnel and Sections ..... 4-2
<b>Chapter 5</b>	<b>AVIATION MAINTENANCE COMPANY (AMC) ..... 5-1</b>
	Organization and Missions ..... 5-1
	Personnel and Sections ..... 5-4
<b>Chapter 6</b>	<b>COMBAT SERVICE SUPPORT PLANNING ..... 6-1</b>
	C4ISR..... 6-1
	Supply Operations..... 6-8
	Offensive Operations ..... 6-16
	Defensive Operations..... 6-16
	Urban Warfare CSS Operations..... 6-17
<b>Chapter 7</b>	<b>CSS OPERATIONS..... 7-1</b>
	CSS Support Structure..... 7-1

**FM 4-93.53**

Arming the Force ..... 7-3  
Fueling the Force ..... 7-7  
Fixing the Force..... 7-9  
Moving the Force ..... 7-15  
Sustaining the Force..... 7-26  
Manning the Force..... 7-42

**Chapter 8 DEFENSE OF THE ASA..... 8-1**  
    Overview and Purpose ..... 8-1  
    Planning and Executing Defense of the ASA ( Base Cluster ) ..... 8-2  
        Quick Reaction Force..... 8-19  
    Base Operations ..... 8-22  
        Intelligence ..... 8-28  
    Reconnaissance and Surveillance (R&S) Planning..... 8-33  
    Other Defensive Measures ..... 8-35  
    Internal Security..... 8-42

**Glossary ..... Glossary-1**

**Bibliography.....Bibliography-1**

**Index ..... Index-1**

Distribution Restriction: Approved for public release: distribution is unlimited.

## **PREFACE**

This field manual (FM) provides information on the structure and operations of the division aviation support battalion (DASB) digitized. It is directed toward the commander and battle staff of the DASB, organized under the division redesign and the Force XXI division concept for CSS operations, and supported and supporting units.

This FM outlines the functions and operations of each unit within the DASB. It also tells how the DASB commander and company commanders/battle staff integrate their activities through the use of digitization on the battlefield. This integration includes both the logistics mission and the tactical responsibilities. This FM describes the many coordination links the DASB must maintain with supported and supporting elements.

This FM is based on doctrine in FM 3-0 (100-5), FM 4-0 (100-10), FM 3-100.71 (71-100), FM 3-91.3 (71-3), FM 4-93.23 (63-23), and tactics techniques and procedures (TTP) developed in STs 63-10, 63-20, and 63-30. FM 3-0 (100-5) is the Army's capstone doctrinal manual. It outlines how the Army will conduct operations. FM 100-10 is the Army's capstone CSS doctrinal manual. It provides an overview of the CSS system for supporting the Army in the field.

The proponent of this publication is Headquarters, U.S. Army Combined Arms Support Command (CASCOM). Submit changes for improving this publication on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward it to Commander, CASCOM, ATTN: ATCL-AL, 801 Lee Avenue, Fort Lee, VA 23801-1713.

Unless otherwise stated in this publication, the masculine nouns and pronouns do not refer exclusively to men.

## Chapter 1

# DASB Organization And Functions

The Army's Force XXI Division represents a leap forward into the realm of 21<sup>st</sup> Century technology. The smaller Force XXI Division possesses greater lethality, quicker mobility as well as the combat service support (CSS) imperative of situational understanding (SA). Real time situational understanding means a complete, common relevant picture (CRP) of the battlefield for every commander. This information enables Force XXI commanders to quickly mass forces, allowing this division to defeat a larger, but less technologically advanced enemy.

The CSS structure's capability to project, receive, and support this force will directly impact the effectiveness of future military operations. The Force XXI battlefield imposes new challenges on support functions and leaders, as it calls for independent logistical systems and procedures. Using the Force XXI's enhanced digital logistical awareness and forecasting capabilities, CSS leaders at all levels must provide the foresight and responsiveness necessary to anticipate and maintain the division's operations tempo (OPTEMPO). Force XXI logistics will require new organization, new doctrine, as well as advanced distribution equipment and information technology.

The concept and organizational structures found in this document reflect a paradigm shift from a supply-based CSS system in Army of excellence (AOE) to an advanced distribution-based CSS system for Force XXI. Technology enhances this capability.

A distribution-based logistics system combines situational understanding capabilities with efficient delivery systems to form a seamless distribution pipeline. This pipeline represents "inventory in motion" and the CSS imperative of increased velocity. In contrast, static inventories comprise the current AOE supply-based system. Storing this static inventory, in large stockpiles at each echelon does not provide the mobility or flexibility required by the Force XXI maneuver commander. The Force XXI distribution-based system eliminates most stockpiles; substituting speed for mass. Logisticians control the destination, speed, and volume of the distribution system. With intransit visibility (ITV), total asset visibility (TAV), advanced materiel management, and advanced decision support system