



*Using the Estimating Supplies Program to
Develop Materiel Solutions for the U.S.
Air Force Aeromedical Evacuation
In-Flight Kit (FFQDM)*

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Summary

Problem

The U.S. Air Force Medical Support Agency, Surgeon General Support Logistics Office requested the Naval Health Research Center (NHRC) use its Estimating Supplies Program (ESP) to refine and manage the Allowance Standard for its Aeromedical Evacuation Crew (AEC) In-Flight Kit (FFQDM) Unit Type Code (UTC). The desired end was to identify a baseline for the FFQDM in support of a broad range of scenarios including Small-Scale Contingencies and humanitarian operations.

Objective

The primary objective of this study was to build a model that would present the Air Force with a baseline for the FFQDM UTC. This model will give the AEC the ability to provide in-flight care and support for the patients aboard the fixed-wing Air Force platforms used for worldwide medical evacuations.

Approach

The NHRC method of modeling clinical requirements was used to analyze AEC needs. This included identifying both the in-flight clinical tasks performed on the aircraft, and the supplies required to complete these tasks. A subject matter expert (SME) panel was held 6–7 February 2008 at Scott Air Force Base in Illinois to review the Tactics, Techniques, and Procedures (TTP) and other planning documents. The panel's tasks were to establish the parameters, capabilities, and requirements of the FFQDM, and to identify the injuries and illnesses that would determine the clinical tasks and medical equipment and supplies to be included in the model.

An additional SME panel was convened 8–9 April 2008 in San Diego, CA, to discuss the 260 patient conditions (PCs) and 58 clinical tasks selected for the model, and confirm that they were in keeping with the current TTP and Concept of Operations.

Results

A comprehensive list of PCs was developed along with task profiles based on the Mission Capability Statement. The tasks were then aligned with supplies and equipment, reviewed, and discussed. Two new tasks, *Emergency Control of Hemorrhage* and *Provide Meals*, were added to those already performed while caring for the full range of injuries and illnesses that might be aboard any of the fixed-wing aircraft using the FFQDM module. The resulting materiel configuration satisfies the operational and clinical components of the Air Force TTP for the FFQDM.

Background

The U.S. Air Force sought a more precise and efficient method for determining medical readiness, a methodology for creating flexibility and mobility without losing clinical capability. Under the aegis of the Marine Corps Systems Command, the Naval Health Research Center (NHRC) had an established methodology for creating medical capabilities and maintaining inventories by conducting readiness reviews. Through this process, NHRC developed a medical requirements model and supporting database called the Estimating Supplies Program (ESP),¹ a primary source of data for the Joint Common User Database developed by the Defense Medical Standardization Board (DMSB) for Level 1 and 2 clinical tasks. The database consists of injuries and illnesses and clinical tasks mapped to supplies required to complete those tasks, linking each supply with a clinical requirement. Every supply in the inventory is therefore necessary and accounted for by virtue of its attachment to a patient treatment profile. ESP was used to develop and streamline Marine Corps medical capabilities such as the Forward Resuscitative Surgical System (FRSS)² and the En Route Care System (ERCS).³

The Air Force Medical Support Agency, Surgeon General Support Logistics Office (AFMSA /SGSLX) asked NHRC to establish a baseline inventory for its Unit Type Codes (UTCs). To date, NHRC has reviewed the Mobile Forward Surgical Team (MFST),⁴ the Critical Care Air Transport Team (CCATT),⁵ the Global Reach Laydown (GRL),⁶ the Air Force Four-Bed Critical Care Unit (FFCCU),⁷ and the Oral Surgery Augmentation (FFMAX)⁸, Pediatric Augmentation (FFPED),⁹ Otolaryngology (FFENT),¹⁰ and Gynecological Treatment (FFGYN)¹¹ Teams.

The present study sought to refine and manage the Aeromedical Evacuation Crew (AEC) In-Flight Kit (FFQDM) Allowance Standard (AS). AECs use the FFQDM aboard inter- or intra-theater fixed-wing aircraft transporting ill and injured personnel to definitive treatment facilities. The desired end of this study was to identify a baseline for the FFQDM in support of a broad range of scenarios, including Small-Scale Contingency and humanitarian operations.

As with the other Air Force UTCs, a simulation package was created using ESP. Figure 1 shows ESP's underlying relational database structure, which links taxonomy of care capabilities to medical treatment facilities (MTFs) functional areas, and outlines the associations between injuries and illnesses, tasks, and related supplies. In this case, *PC 069, Amputation, Hand Traumatic Complete*, is aligned with tasks specific to administering care for that injury. The final column lists the supplies required to carry out those tasks. Using this process yields a supply inventory that is specific to the mission capability requirements.

PC Code	Taxonomy of Care	Functional Area	Task	% of Patients	Supplies
002	Emergency Forward Care	EMEDS Basic	Triage	100	
010	Forward Resuscitative	EMEDS+10	Assess and Evaluate Patient	100	DRESSING PRESSURE FIELD PAD 7.5X8IN
069	Theater Hospitalization	EMEDS+25	Reinforce Dressing	25	GLOVE EXAM LG NITRILE 100S
301	Theater Hospitalization	FFQDM	Oxygen Admin	25	TAPE ADHESIVE SURG WOVEN 3INX10YD 4S
333	En Route Care	EMEDS+25	Pressure Infuse Fluids IV Fluids	25	
492	Theater Hospitalization	EMEDS+25	Tracheostomy Care	5	

Figure 1. PC 069 task profile. EMEDS, Expeditionary Medical Support system.

Mission

The AEC manages the in-flight care and safety for patients aboard fixed-wing AE missions. An AEC is used to move stabilized patients who have been processed by the Global Patient Movement Requirements Center between levels of care.

Capability

The AE Crew performs in-flight patient care on any fixed-wing aircraft using medical equipment that meets airworthiness testing certification standards.¹² AEC deployments include the full spectrum of expeditionary aerospace force scenarios, including emergent, steady-state, low-intensity conflicts, Small-Scale Contingencies, major theater war, and aerospace expeditionary force rotation.

Personnel

A standard AE Crew consists of two flight nurses, and three Aeromedical Evacuation Technicians (AETs). The Chief Nurse Executive may adjust the basic crew complement to meet patient acuity, en-route nursing care, or mission restrictions. Table 1 shows the position titles, Air Force Specialty Codes, and the pay grades of the manpower involved.

Table 1. AE Manpower

Position Title	AFSC	Grade	Total QTY
FLIGHT NURSE	X046F3	02	1
FLIGHT NURSE	X046F3	03	1
AE TECHNICIAN	X4N071		1
AE TECHNICIAN	X4N051		2

Materiel

The AEC deploys with an AE In-Flight Kit that includes enough supplies and equipment to support an AE mission. Resupply needs are situational, and dependent on the rate of supply expenditure and supplies provided by an MTF. An AE In-Flight Kit resupply package, UTC AE In-Flight Kit Resupply (FFQDH), should be deployed within 3 days of deploying an AE In-Flight Kit. The patient service or originating MTF is responsible for providing medical supplies and equipment required by patients during AE missions.

The pharmaceuticals an FFQDM carries are primarily for Advanced Cardiac Life Support, pain management, sedation of an agitated patient, and personal comfort such as alleviating motion sickness. Lamivudine-Zidovudine tablets are also available for use as a prophylactic treatment for postoccupational exposure to HIV.¹³

Methodology

NHRC's aim is to give medical personnel the materiel they need to provide the best possible care while maintaining a minimal logistical footprint, and to continue with the ongoing transformation of new capabilities, as mandated by the current *Joint Vision 2010*.¹⁴

The ESP relational database was derived from Time, Task, Treater files (TTT) originally developed by the DMSB for Level 3 MTFs. NHRC adapted the TTT to model both Navy and Marine Corps Level 1 and 2 facilities, updating ESP data monthly to reflect changes in treatment guidelines and improvements in medical equipment and supply technology. Functional areas within each capability are also routinely updated, using subject matter expert (SME) input and military medical lessons-learned data, to remain current with changes in field care and joint doctrine. A comprehensive description of ESP's background, capabilities, uses, frequently asked questions, and a download link are available at <http://www.nhrc.navy.mil/programs/esp/index.html>

The method is to create an appropriate patient stream consisting of injuries and illnesses likely to be managed, as set out in the mission Concept of Operations of the UTC. Using the relational database, clinical tasks can be mapped to each condition. Once the tasks and patient conditions (PCs) are mapped to one another, supplies can be associated to tasks, and the lists of equipment, medications, durables, and consumables can be assessed for suitability. An SME panel reviews and evaluates each step of this process to ensure every inventory line item meets operational and clinical needs.

Patient Stream Generation

The study team developed a patient stream representative of the injuries and illnesses that an FFQDM team would likely manage during a typical AE mission. It was assumed that not all the injuries and illnesses would be incurred on any one AE mission, but present over a period of time.

To determine PCs appropriate for the patient stream, data from the U.S. Transportation Command TRAC2ES from the period of 1 January 2002 through 12 March 2008 were used to identify *International Classification of Diseases*, 9th Revision (ICD-9) codes assigned to 174,949 patients who flew on a total of 19,905 completed missions. Based on TRAC2ES data, Table 2 outlines missions completed during that period in the CENTCOM, CONUS, EUCOM, PACOM and SOUTHCOM regions and shows the number of patients who were transported per region.

Table 2. Number of Missions by Region, 2002–2008

<i>MISSIONS 2002–2008</i>	CENT COM	CONUS	EUCOM	PACOM	SOUTH COM	UNK	TOTAL
CENTCOM	3,555	5	3,220	0	0	50	6,830
CONUS	1	5,487	254	321	3	846	6,912
EUCOM	26	1,036	1,772	0	0	109	2,943
PACOM	0	342	1	1,549	0	21	1,913
SOUTHCOM	0	12	0	0	0	2	14
UNKNOWN	381	331	391	64	1	125	1,293
TOTAL	3,963	7,213	5,638	1,934	4	1,153	19,905

Table 3 shows the statistical probabilities of evacuated patients for this period. The 95th percentile indicates that 95% of these missions had up to 32 patients, with up to 14 litter and 20 ambulatory patients.

Table 3. Evacuation Statistics

EVACUATION STATISTICS 2002–2008						
VARIABLE	No. PATIENTS EVACUATED	MAXIMUM PATIENT LOAD	AVERAGE PATIENT LOAD	UPPER QUARTILE (75%)	90th	95th
TOTAL	174,949	75	8.79	12	23	32
LITTER	67,133	40	3.37	4	9	14
AMBULATORY	107,816	65	5.42	8	15	20

The ICD-9 codes were then categorized using Clinical Classifications Software (CCS).¹⁵ CCS was developed by the Healthcare Cost and Utilization Project for the U.S. Health and Human Services Department to collapse over 13,600 ICD-9 codes into clinically meaningful categories. Table 4 shows the ICD-9 categories and the percentage of each type of evacuee by category.

Table4. ICD-9 Categories

ICD-9 CATEGORY	TOTAL %	PATIENTS
INJURY	26.46	43,181
MUSCULOSKELETAL	15.56	25,390
MENTAL DISORDER	8.78	14,336
ILL-DEFINED	7.72	12,609
DIGESTIVE	6.88	11,227
NERVOUS SYSTEM	6.46	10,536
V CODES	5.19	8,463
GENITOURINARY	4.76	7,773
CIRCULATORY	4.44	7,254
NEOPLASM	3.28	5,354
RESPIRATORY	2.12	3,454
CONGENITAL	1.90	3,109
ENDOCRINE	1.80	2,936
INFECTIOUS	1.59	2,591
SKIN	1.38	2,245
PREGNANCY	0.85	1,382
BLOOD	0.42	691
PERINATAL	0.42	691
TOTAL	100	163,224

The ICD-9 codes were assigned to patients on the missions based on the TRAC2ES data. These PCs were then grouped into four categories: Disease, Trauma, Mental Health, and Miscellaneous. Based on the CCS results, approximately 50% of the patients were assigned ICD-9 codes associated with Disease, 34% with Trauma, 9% with Mental Health, and 6% Miscellaneous, which included conditions such as pregnancies and headaches. Those who had been assigned ICD-9 codes that did not fall into the first three categories were also placed in the Miscellaneous category.

Table 5 lists the patient stream that was developed out of this process for the model. Thirty-two PCs associated with these ICD-9 codes were culled from a list of 260 potential conditions and were chosen as the most common ICD-9 codes assigned to the AE patients, therefore the most likely to be seen. Each of the four categories was represented in the final list. A panel of SMEs then reviewed this group of likely PCs. Even though not all PCs are seen within any one mission, all clinical and nonclinical tasks were included in the patient stream used for the simulation, and all supplies were used at least one time.

Table 5. Patient Stream

PC	PC DESCRIPTION
Disease (50%)	
23	Hearing Impairment Severe
32	Intervertebral Disc Disorders With Nerve Root Compression Responding To Bed Rest/traction
197	Appendicitis Acute Without Perforation Rupture Peritonitis
206	Cellulitis Involving Face Or Weight Bearing Areas
223	Corneal Ulcer
239	Acute Respiratory Disease Severe
251	Regional Ileitis Disabling Symptoms Unresponsive To Treatment
253	Helminthic Disease Including Trichinosis Ascariasis Giardiasis Tapeworm Hookworm Pinworm
258	Severe Hypertension
259	Ischemic Heart Disease
274	Pyelonephritis Acute Secondary To Obstruction
277	Renal/Ureteral Calculus Causing Obstruction Impacted
278	Renal/Ureteral Calculus Not Causing Obstruction
285	Cholecystitis Acute With Stones/Cholecystitis All Cases
290	Neoplasms Benign
331	Malaria Severe - All Species
Trauma (34%)	
1	Cerebral Concussion Closed With/without Non-depressed Linear Skull Fracture Severe - Loss Of Consciousness From 2 To 12 Hours
15	Fracture Facial Bones Closed Exclusive Of Mandible Severe - Multiple Fractures
37	Burn Thermal Partial Thickness Head And Neck Greater Than 5% But Less Than 10% Of Total Body Area And/or Eye Involvement
52	Wound Forearm Open Lacerated Penetrating Without Bone Nerve Or Vascular Injury Moderate - Not Requiring Major Debridement
69	Amputation Hand Traumatic Complete All Cases
83	Injury Lung Closed (Blast Crush) With Pneumothorax Severe - One Lung With Pulmonary Contusion And Acute Severe Respiratory Distress
132	Fracture Ankle/foot Closed Displaced Requiring Reduction
148	Sprain Ankle Closed Acute With Complete Ligament Rupture
186	Multiple Non-perforating Fragment Wounds Of Skin And Soft Tissue
201	Strain Lumbosacral Sacroiliac Joint Chronic All Cases
313	Wound Abdominal Cavity Open With Lacerated Penetrating Perforating Wound Kidney Moderate - Kidney Salvageable
Mental Health (9%)	
301	Mental Health
304	Stress Reaction Severe Unstable Slow Improvement
306	Alcohol Dependency Syndrome Moderate
Miscellaneous (6%)	
255	Migraine All Cases
492	Pregnancy

Patient Conditions

Once the SME panel had met and evaluated the 32 PCs based on the ICD-9 codes assigned to 174,949 patients, those PCs were added to the model along with the TTT from the DMSB. Table 6 shows a typical task profile for PC 032, *Intervertebral Disc Disorder with Nerve Root Compression*.

Table 6. PC Task Profile

032 INTERVERTEBRAL DISC DISORDER WITH NERVE ROOT COMPRESSION			
TASK	TASK DESCRIPTION	TASK	TASK DESCRIPTION
002	ASSESSMENT AND EVALUATION OF PATIENT STATUS	263	BATHE/CLEAN PATIENT
010	NEUROLOGICAL ASSESSMENT	748	ASSEMBLE MATERIAL/CLEAN UP
011	STABILIZE NECK (COLLAR/SPINE BOARD)	Z027	CARDIO ARREST RESUSCITATION
022	O2 ADMINISTRATION SETUP	Z030	ELECTRONIC MONITORING OF PATIENT VITAL SIGNS
023	O2 ADMINISTRATION CONTINUOUS (NASAL/MASK)	Z045	CHANGE DRAINAGE BOTTLE/PLEUREVAC
024	VITAL SIGNS	Z101	CONDUCT PMI EXCHANGE
032	SET-UP PULSE OXIMETER	Z108	FACILITY SITE SET UP
049	START/CHANGE IV INFUSION SITE	ZZ07	TRACHEOSTOMY CARE
050	ADMINISTER IV FLUID	ZZ12	PROVIDE MEALS
068	IV INFUSION TERMINATE	ZZ42	ACTIVE PATIENT WARMING
071	INSERT NG/OG TUBE	ZZ65	CONDUCT PATIENT HAND-OFF
073	PERFORM SUCTION (NASO/GASTRIC)	ZZ66	PROVIDE PATIENT PROTECTIVE EQUIPMENT
079	CATHETERIZATION, FOLEY	ZZ67	SECURE PATIENT TO LITTER/AIRFRAME
082	MEASURE/RECORD INTAKE/OUTPUT	ZZ75	PROVIDE VISUAL/AUDIBLE INSTRUCTION/REASSURANCE
142	ORDER AND DOCUMENT APPROPRIATE MEDS/TREATMENT	ZZ77	ASSESS AIRWAY/BREATHING
145	ADMINISTER APPROPRIATE MEDICATION	ZZ80	PERFORM SUCTION (E-T TUBE/TRACHEOSTOMY TUBE)
191	GIVE A BEDPAN	ZZ84	MANAGE SALINE LOCK
192	GIVE A URINAL	ZZ95	COLLECT & MANAGE BIOWASTE
197	PATIENT CHARTING AND PAPERWORK	ZZ96	ASSEMBLE/REPLENISH/RESUPPLY MATERIEL

Tasks

There are 58 clinical and nonclinical tasks associated with the 32 PCs in this UTC. One new task, *ZZ12 Provide Meals*, was developed and added to the relational database to complete the list of tasks performed by the AE Crew. The comprehensive list of clinical and nonclinical tasks performed by the AEC is shown in Table 7. Appendix A contains a complete profile of tasks and supplies.

Table 7. List of Tasks Performed by AEC

TASK #	TASK DESCRIPTION
002	ASSESSMENT AND EVALUATION OF PATIENT STATUS
006	ESTABLISH ADEQUATE AIRWAY OROPHARYNGEAL
007	EMERGENCY CRICOTHYROIDOTOMY
010	NEUROLOGICAL ASSESSMENT
011	STABILIZE NECK (COLLAR/SPINE BOARD)
017	PERFORM SUCTION (OROPHARYNX)
019	EMERGENCY CONTROL OF HEMMORHAGE
022	O2 ADMINISTRATION SETUP
023	O2 ADMINISTRATION CONTINUOUS (NASAL/MASK)
024	VITAL SIGNS
032	SET-UP PULSE OXIMETER
049	START/CHANGE IV INFUSION SITE
050	ADMINISTER IV FLUID
062	IV INFUSION BLOOD PRODUCTS
068	IV INFUSION TERMINATE
071	INSERT NG/OG TUBE
073	PERFORM SUCTION (NASO/GASTRIC)
079	CATHETERIZATION, FOLEY
082	MEASURE/RECORD INTAKE/OUTPUT
087	REINFORCE DRESSINGS
103	CIRCULATION CHECK
105	DOPPLER ASSESSMENT
128	PATIENT RESTRAINT (COMBATIVE PATIENT)
142	ORDER AND DOCUMENT APPROPRIATE MEDS/TREATMENT
145	ADMINISTER APPROPRIATE MEDICATION
191	GIVE A BEDPAN
192	GIVE A URINAL
197	PATIENT CHARTING AND PAPERWORK
263	BATHE/CLEAN PATIENT
344	PATIENT PREP
351	TEAM PREP
748	ASSEMBLE MATERIAL/CLEAN UP
Z005	NORMAL DELIVERY
Z008	NEONATAL CARE
Z014	INTUBATION
Z027	CARDIO ARREST RESUSCITATION
Z030	ELECTRONIC MONITORING OF PATIENT VITAL SIGNS
Z037	BAG VALVE MASK SETUP
Z038	HYPERVENTILATE PATIENT (BVM)
Z045	PERFORM SUCTION (NASO/GASTRIC)
Z101	CONDUCT PMI EXCHANGE
Z108	FACILITY SITE SET UP

TASK #	TASK DESCRIPTION
Z111	ICP MONITORING
ZZ07	TRACHEOSTOMY CARE
ZZ12	PROVIDE MEALS
ZZ34	PERFORM ULTRASOUND ASSESSMENT
ZZ42	ACTIVE PATIENT WARMING
ZZ58	PRESSURE INFUSE IV FLUIDS
ZZ64	SEDATE AGITATED PATIENT
ZZ65	CONDUCT PATIENT HAND-OFF
ZZ66	PROVIDE PATIENT PROTECTIVE EQUIPMENT
ZZ67	SECURE PATIENT TO LITTER/AIRFRAME
ZZ75	PROVIDE VISUAL/AUDIBLE INSTRUCTION/REASSURANCE
ZZ77	ASSESS AIRWAY/BREATHING
ZZ80	PERFORM SUCTION (E-T TUBE/TRACHEOSTOMY TUBE)
ZZ84	MANAGE SALINE LOCK
ZZ95	COLLECT & MANAGE BIOWASTE
ZZ96	ASSEMBLE/REPLENISH/RESUPPLY MATERIEL

Findings

Recommended changes to the FFQDM Allowance Standard (AS) are based on clinical requirements. The model created in ESP resulted in a 15.53% decrease in overall weight, a decrease in cube by 35.19%, and a cost decrease of 1.28%, amounting to \$2,541.31 when compared with the existing AS. Modeled cost for the FFQDM UTC is \$196,267.31. Table 8 is an overview of the changes by category, and Appendix B presents a line-item view with weight, cube, and cost of the FFQDM AS inventory, comparing it side by side with the ESP-recommended changes.

Table 8. Overview of Changes by Inventory

CATEGORY	WEIGHT	CUBE	COST
EQUIPMENT			
ESP EQUIPMENT	740.64	101.43	\$193,213.85
AS EQUIPMENT	744.64	101.47	\$193,249.49
DIFFERENCE	(4.00)	(0.04)	\$35.64
PERCENT CHANGE	0.54	0.04	0.02
MEDICATIONS			
ESP MEDICINE	90.53	7.15	\$697.03
AS MEDICINE	143.97	14.42	1,599.83
DIFFERENCE	(53.44)	(7.27)	\$902.80
PERCENT CHANGE	37.12	50.43	56.43
CONSUMABLES			
ESP CONSUMABLES	54.17	24.74	\$2,278.42
AS EQUIPMENT	155.93	89.74	\$3,843.69
DIFFERENCE	(101.76)	(65.00)	\$1,565.27
PERCENT CHANGE	65.26	72.43	40.72
DURABLES			
ESP DURABLES	0.79	0.06	\$57.51
AS DURABLES	4.47	0.17	\$115.62

DIFFERENCE	(3.68)	(0.11)	\$58.11
PERCENT CHANGE	82.42	62.81	50.26
TOTALS			
ESP TOTALS	886.13	133.38	\$196,267.31
AS TOTALS	1049.02	205.80	\$198,808.62
DIFFERENCE	(162.89)	(72.42)	\$2,541.31
PERCENT CHANGE	15.53	35.19	1.28

The ESP scenario requirements stipulated that an originating MTF provide medications in quantities sufficient enough to care for 32 AE patients on a 6-hour mission, until each one reaches his or her final destination. Given this requirement, it is noteworthy that the simulation for this patient stream showed a \$902.80 decrease in the cost of medications.

Five medications were recommended for deletion, because the SME panel found them to be either legacy items or duplicates. They were Aspirin Tab 320 mg, Chlorpromazine HCL INJ, Ibuprofen Tab 800 mg, Lidocaine HCL INJ 2%, and Sodium Chl Irrigation .9% 1000 ml BT. They suggested replacing Aspirin Tab 320 mg with either Acetaminophen Tab 325 mg or Ibuprofen Tab 400 mg, The 400-mg tablet of Ibuprofen also offers more flexibility in pain management than the Ibuprofen 800-mg tablet. Because of several negative side effects, Chlorpromazine HCL INJ can be replaced with Haloperidol HCL INJ or Promethazine HCL INJ. Sodium Chloride Irrigation 1000 ml can be replaced with the Sodium Chloride INJ 10-ml syringes for tracheotomy irrigations or for use with other tubes that require a normal saline irrigation.

Line items recommended for addition to the FFQDM AS include Ibuprofen Tab 400 mg, Detergent Surgical 4-oz bottle, Lidocaine HCL Jelly 2%, and Ondansetron HCL INJ. The Detergent Surgical is a Chlorhexidine Gluconate, a versatile cleanser for prepping injection sites or surface areas prior to minor surgical procedures. Lidocaine HCL Jelly 2% assists in inserting catheters or NG tubes, and Ondansetron HCL INJ is recommended specifically for nausea.

The recommended inventory showed several medicine quantities with significant decreases. The number of Sodium Chloride inj. 10-ml syringes reduced from 25 to 7, surgical lubricants decreased from 20 to 1, Sodium Chloride inj.9% 10-ml vials and Epinephrine INJ 0.1 mg/ml decreased from 10 vials to 1 each.

The most notable inventory change was the decrease in weight and cube of consumables. Consumables decreased in overall weight by 65.26%, 72.43% in cubic feet, and an overall cost reduction of \$1,565.27. The quantity of exam gloves was greatly reduced, as were Isopropyl Alcohol pads, electronic thermometer covers, plastic film casualty blankets, personal bands, and large hospital gowns.

To increase its overall clinical capability, five consumable items were recommended for addition to the FFQDM AS: Stopcock Intravenous Therapy, Lidocaine Hydrochloride Jelly 2%, Ibuprofen 400-mg Tabs, Detergent Surgical Medicated, and Ondansetron Hydrochloride INJ. A complete list of line-item additions and deletions is presented in Table 9, and the Comments shows other Air Force ASs that also carry the items.

Two legacy line items were recommended for deletion because they are not used by the AEC, one an equipment item (flashlight with a cone) and the other a durable (nonrechargeable D-cell battery).

Table 9. Line-Item List of Additions and Deletions

STATUS	NSN	NOMEN	QTY	UM	UI	WGT	CUBE	COST	COMMENTS
ADD	6505005843131	LIDOCAINE HYDROCH JELLY 2% 30 ML TUBE	1	ML	TU	0.15	0.06	\$1.65	EMEDS 937
ADD	6505010416911	IBUPROFEN TAB 400MG 100S	1	TB	PG	0.42	0.038	\$2.78	
ADD	6505010564031	DETERGENT SURGICAL MEDICATED 4OZ PLAST SQUEEZE BOTTLE	6	OZ	BT	0.33	0.02	\$3.84	MFST 937G
ADD	6505013945963	ONDANSETRON HYDROCH INJ 2MG/ML 2ML 5S	1	VI	PG	0.5	0.1	\$109.92	EMEDS 937
DELETE	6135008357210	STOPCOCK INTRAVENOUS THERAPY 3 WAY 50S	8	EA	PG	3.5	0.027	\$9.84	
DELETE	6230009264331	BATTERY NONRECHARG 1.5 VOLT D-CELL 12S	4	EA	EA	1	0.01	\$8.91	
DELETE	6505001009985	FLASHLIGHT W/CONE SHAPE TRAFFIC BATON	1	TB	BT	0.14	0.01	\$1.49	
DELETE	6505012149061	ASPIRIN TAB 320MG 100S	1	TB	BT	0.5	0.5	\$3.69	
DELETE	6505013308926	IBUPROFEN TAB 800 MG 100S	2	EA	PG	32	2	\$9.12	
DELETE	6505015055923	SODIUM CHL IRRIG .9% 1000ML BT 16S	2	AM	PG	0.33	0.019	\$158.90	
DELETE	6505015332656	CHLORPROMAZINE HCL INJ 25MG/ML 2ML 25S	3	EA	PG	3	0.7555	\$17.64	

Conclusion

Simulation of the inventory was performed using a patient stream of 32 patients that represented the most common PCs based on the TRA2ES data. Those PCs were then associated with 58 tasks. Tasks were derived from existing ESP data, with only one new task developed. Supplies were then mapped to the tasks, and quantities of each item were evaluated and assessed. The process and its findings were validated by SMEs. The results are considered a baseline for the FFQDM UTC, and with it, future reviews and modernization of the FFQDM AS can be assessed.

Once a review by an Air Force SME panel has been completed, recommended configuration changes to the existing UTC (additions, deletions, and quantity changes) can be made to the AS. During this review process, ESP is available for an Air Force SME panel to align any materiel items with those specific clinical tasks and PCs they are intended to support.

ESP is an invaluable resource when building a new AS or when modernization calls for modifying an existing one. ESP can determine the materiel requirements for emerging systems, and has been used to develop numerous systems for the Navy and Marine Corps, including the FRSS and the ERCS, currently fielded and deployed in support of troops. This program is essential to configuration management because a planner is able to see the impact of deleting an item across a spectrum of tasks performed in a given functional area. Moreover, SMEs can review task profiles to determine if a task is considered critical, and, if not, the treatment profile can be modified. The same concept holds true for supplies; SMEs can review the supplies for a specific task and make clinical judgments, such as whether a line item can be removed from a task or if it needs to be reduced or increased in quantity.

Estimating supplies required for the FFQDM is critical for configuring a mobile and transportable system. ESP is also a highly effective tool with which to configure resupply packs, ensuring medical materiel sustainment across a spectrum of medical care facilities while maintaining their clinical capability. It also serves as a leading consumption indicator, making it easier to identify patient-driven resupply requirements to ensure adequate sustainment of this UTC.

Using ESP provides the Air Force an avenue with which to assist standardization within its theater hospital capabilities as well across the services. Finally, the ESP simulation creates an audit trail, establishing clinical requirements for supply items in medical system inventories that enable logisticians, medical planners, and Manpower and Equipment Force Packaging System members to validate current inventories and perform analyses of projected changes to future ones.

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Glossary

AE – Aeromedical Evacuation
AEC – Aeromedical Evacuation Crew
AET – Aeromedical Evacuation Technician
AMAL – Authorized Medical Allowance List
AS – Allowance Standard
CCATT – Critical Care Air Transport Team
CCS – Clinical Classifications Software
CENTCOM – U.S. Central Command
CONOPS – Concept of Operations
CONUS – Continental United States
DMSB – Defense Medical Standardization Board
EMEDS – Expeditionary Medical Support system
ERCS – En Route Care System
ESP – Estimating Supplies Program
EUCOM – European Command
FFCCU – Air Force Four-Bed Critical Care Unit
FFENT – Air Force Otolaryngology Team
FFGYN – Air Force Medical Gynecological Treatment Team
FFMAX – Air Force Oral Surgery Augmentation Team
FFPED – Air Force Pediatric Augmentation Team
FRSS – Forward Resuscitative Surgical System
GRL – Global Reach Laydown
ICD-9 – *International Classification of Diseases, 9th Revision*
MEFPAK – Manpower and Equipment Force Packaging System
MFST – Mobile Forward Surgical Team
MTF – medical treatment facility
NHRC – Naval Health Research Center
PACOM – Pacific Command
PC – patient condition
SME – subject matter expert
SOUTHCOM – Southern Command
TTT – Time, Task, Treater files
UTC – Unit Type Code

References

1. The NHRC Estimating Supplies Program. Naval Health Research Center Web site, available at: <http://www.nhrc.navy.mil/programs/esp>
2. Galarneau MR, Konoske PJ, Pang G. Projecting Medical Supply Requirements for a Far Forward Resuscitative Surgery System. San Diego, Calif: Naval Health Research Center; 1999. Technical Report No. 99-29.
3. Galarneau, MR, Konoske PJ, Tropeano A, Pang G. Marine Corps En Route Care System (ERCS): Development of Patient Treatment and Supply Requirements. San Diego, Calif: Naval Health Research Center, 2002. Technical Report No. 02-04.
4. Nix RE, Onofrio K, Konoske PJ, Galarneau M, Hill M. *Air Force Mobile Forward Surgical Teams (MFST): Using the Estimating Supplies Program to Validate Clinical Requirements*. San Diego, Calif: Naval Health Research Center; 2004. Technical Report No. 04-34.
5. Nix RE, Hill M, Onofrio K, Konoske PJ, Galarneau MR. *The Air Force Critical Care Air Transport Team (CCATT): Using the Estimating Supplies Program to Validate Clinical Requirements*. San Diego, Calif: Naval Health Research Center; 2005. Technical Report No. 05-04.
6. Nix R, Hill M, Onofrio K, Konoske P, Galarneau, M. *The Global Reach Laydown (GRL): Using the Estimating Supplies Program to Validate Clinical Requirements*. San Diego, Calif: Naval Health Research Center; 2006. Technical Report No. 06-05.
7. Nix R, Hopkins C, Hill M, Onofrio K, Konoske P, Galarneau M. *The Four Bed Critical Care Unit: Using the Estimating Supplies Program to Validate Clinical Requirements*. San Diego, Calif: Naval Health Research Center; 2007. Technical Document No. 07-3C.
8. Hopkins C, Nix R, Hill M, Onofrio K, Konoske P, Pang G, LaBanc J. *The Air Force Oral Surgery Augmentation Team (FFMAX). Using the Estimating Supplies Program to Validate Clinical Requirements*. San Diego, Calif: Naval Health Research Center; 2006. Technical Document No. 06-11K
9. Nix RE, Hopkins C, Onofrio K, Konoske PJ. *The Air Force Pediatric Augmentation Capabilities (FFPED). Using the Estimating Supplies Program to Determine the Clinical Capabilities of the Pediatric Augmentation Modules Allowance Standard*. San Diego, Calif: Naval Health Research Center; 2007. Technical Document 07-13M.
10. Hopkins C, Nix R, Konoske PJ, Pang G, Hill M, Negus T, Onofrio K. *Air Force Operational Medicine: Using the Estimating Supplies Program to Develop Materiel Solutions for the Operational Clinical Requirements for the U.S. Air Force Otolaryngology Team (FFENT)*. San Diego, Calif: Naval Health Research Center; 2007. Technical Document 07-10J.
11. Hopkins C. *Air Force Medical Service Concept of Operations for the Medical Gynecological Treatment Team (FFGYN)*. San Diego, Calif: Naval Health Research Center; 2007. Technical Document 08-1A.
12. Air Force AMC Director of Operations Concept of Operations for the Aeromedical Evacuation Crew, In-Flight Kit and In-Flight Kit Resupply (FFQDM). HQ AMC/A33, Scott AFB, IL; February 2005.
13. Air Force Instruction 41-307, Appendix 3A. 20 August 2003
14. *Joint Vision 2010*, Washington, DC: Office of the Joint Chiefs of Staff, Pentagon; 1998.
15. Elixhauser A, Stiener C, Palmer L. *Clinical Classification Software (CCS) 2008*. U.S. Agency for Healthcare Research and Quality. <http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs>.

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
002	ASSESSMENT AND EVALUATION OF PATIENT STATUS	
6530015239241	BAND PERSONAL ID ADULT YELLOW 500S	EA
6230015179944	FLASHLIGHT EXAM DISPOSABLE 10S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
006	ESTABLISH ADEQUATE AIRWAY OROPHARYNGEAL	
6515012598263	AIRWAY PHARYNGEAL SET INFANT- ADULT DISP	EA
007	EMERGENCY CRICOTHYROIDOTOMY	
6515013215211	AIRWAY KIT PERCUTANEOUS EMERGENCY ADULT 1S	EA
6515011405336	MASK TRACH ANATOM SHAPED PED 50S	EA
6515009154141	MASK TRACH COLLAR SHAPED ADLT AIRLIFE 50S	EA
010	NEUROLOGICAL ASSESSMENT	
6515003245500	DEPRESSOR TONGUE 6X0.75X0.062IN 100S	EA
6230015179944	FLASHLIGHT EXAM DISPOSABLE 10S	EA
011	STABILIZE NECK (COLLAR/SPINE BOARD)	
XXXXXXXXXXXX25	SUPPLIES FROM MTF	XX
017	PERFORM SUCTION (OROPHARYNX)	
6515011767576	HANDLE SUCTION SURG RIGID SHATTERPRF SUCT 50S	EA
6515015178098	KIT CATH SUCT 8 FR CATH-N-GLOVE W/BASIN 100S	EA
6505015312894	SODIUMM CHLORIDE INJECTION 10ML SYR120S	EA
6515015316051	SUCTION APPARATUS SURG BAT 11-30V/AC	EA
6515011011948	TUBING SURG FUNNEL TAPER NONCONDUCTIV 100FT	FT
019	EMERGENCY CONTROL OF HEMORRHAGE	
6510009355822	BANDAGE ELASTIC ACE 4INX4.5YDS 12S	RO
6510000583047	BANDAGE GAUZE KERLIX 4.5IN X 4YDS 100S	RO
6510015064604	DRESSING PRESSURE FIELD PAD 7.5X8IN	EA
6510015064608	DRESSING PRESSURE FIELD PAD 11.75X11.75IN	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515012891967	SPHYGMOMANOMETER ANEROID MULTI-CUFF KIT	EA
6510001489770	SPONGE SURG 2/ENV 4X4IN 1200S	EA
6510009268882	TAPE ADHESIVE SURG 1INX10YD 12S	RO
6510009268884	TAPE ADHESIVE SURG 3INX10YD 4S	RO

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
022	O2 ADMINISTRATION SET-UP	
6515014806611	ADAPTER O2 FEMALE O2 HEX ADAPTER	EA
6515013311567	ADAPTER O2 NUT-NIPPLE INLET HOSE 50S	EA
6515011732039	ADAPTER T AEROSOL THERAPY 22MM ID 50S	EA
6135009002139	BATTERY NONRECHARGEABLE 9V 12S	EA
6515012885438	CANNULA NASAL O2 84IN PED 50S	EA
6515014372532	CANNULA NASAL O2 CURVED TIP 7FT 50S	EA
6515011972946	CONNECTOR O2 TUBING ONEWAY STRAIGHT SMALL 50S	EA
6515009269201	CONNECTOR TUBING STRAIGHT 50S	EA
6515015257142	FILTER EXHALATION UNIVERSAL HEPA	EA
6515013543969	FLOWMETER OXYGEN TAPERED INNER FLOWTUBE ULTRA	EA
6515013543970	HOSE ASSEMBLY OXYGEN MALE & FEMALE	EA
6515013381838	HUMIDIFIER INHALATION THERAPY HUDSON 34 20S	EA
6515013429182	MANIFOLD ASSEMBLY O2 DELIVERY W/ CASE	EA
6515001103420	MASK ORONASAL ADULT MALE 50S	EA
6515012154177	MASK ORONASAL ADULT W/O2 INLET 15MM ADAPT	EA
6515012821194	MASK ORONASAL HUDSON ADULT MALE 50S	EA
6515012563257	MASK ORONASAL INF MALE CONN LATEX CUSH 20S	EA
6515009154141	MASK TRACH COLLAR SHAPED ADLT AIRLIFE 50S	EA
6515014409394	MONITOR OXYGEN PORTABLE 9V BATT	EA
6515013181535	SENSOR OXYGEN MONITORING HOUSING	EA
6515005628308	TUBING O2 FORCE-FIT 72IN 50S	EA
5120000974136	WRENCH BOX ALUM 5IN 2 SLOTS	EA
023	O2 ADMINISTRATION CONTINUOUS	
6515012166269	HEAT EXCHANGER MOISTURE MED 15MM X 22MM 50S	EA
6530015112702	TANK OXYGEN STORAGE MOBILE 10000 LITERS	EA
024	VITAL SIGNS	
6515013738659	COVER ELECTRONIC THERMOMETER DISP 100S	EA
6515012891967	SPHYGMOMANOMETER ANEROID MULTI-CUFF KIT	EA
6515009354088	STETHOSCOPE ADL 24IN TWO POSN VALVE	EA
6515014995906	THERMOMETER CLIN HUMAN ORAL/RECTAL DIGITAL	EA
032	SET UP PULSE OXIMETER	
6515014527697	OXIMETER PULSE 110/220VAC 50/60HZ CERTIFIED F	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
049	START/CHANGE IV INFUSION SITE	
6515013909627	CATH & NDL IV 14GAX1.25IN 200S	EA
6515013909654	CATH & NDL IV 18GAX1.25IN 200S	EA
6515013909650	CATH & NDL IV 20GAX1.25IN 200S	EA
6515013909647	CATH & NDL IV 22GA BLUE 200S	EA
6515013909636	CATHETER & NDL UNIT INTRAVENOUS 24GA 200S	EA
6515013909643	CATHETER & NEEDLE UNIT IV 16GAGE 200S	EA
6510013122963	DRESSING OCCLUSIVE ADH 3INX2IN 100S	EA
6510011018936	DRESSING OCCLUSIVE ADH CLEAR 3X2IN 100S	EA
6515014502077	EXTENSION SET IV ADMIN 2 COMP 100S	EA
6515014705735	EXTENSION SET IV ADMINISTRATION 100S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515005842893	INFUSOR PRESSURE BLO/FLUID IV	EA
6515014164032	INTRAVENOUS INJ SET 20DROP/ML STER DISP 100S	EA
6515011050614	INTRAVENOUS INJ SET MACRRIP 15 DROPS/ML 50S	EA
6515014721863	INTRAVENOUS INJECTION SET 10 DROP/ML 70IN 48S	EA
6515013134853	NEEDLE PARTICULATE FILTR 19GA 5-MICRON 100S	EA
6510007863736	PAD ISOPROPYL ALCOHOL 200S	EA
6515014864310	PUMP IV INFUSION 3-CHANNEL BATT/AC	EA
6510000584421	SPONGE SURG 2X2IN 2/ENV STER 3000S	EA
6510009268884	TAPE ADHESIVE SURG 3INX10YD 4S	RO
6515014615798	TOURNIQUET NONPNEUM VACUTAINER 1INX18IN 25S	EA
6515015007637	VALVE PORT NEEDLE-FREE 1.2IN LUER LOCK 100S	EA
050	ADMINISTER IV FLUID	
6505014623025	RINGERS LACTATE INJ 1000ML 12S	EA
6505013306269	SODIUM CHL INJ .9% 1000ML 12S	EA
6515012066029	SUPPORT ARM BLD&FLUID CHILD W/COVERS 60S	EA
062	IV INFUSION BLOOD PRODUCTS	
6515010357962	STOPCOCK INTRAVENOUS THERAPY 3 WAY 50S	EA
6515014885514	BLOOD RECIPIENT SET INDIRECT TRANSFUSION 48S	EA
068	IV INFUSION TERMINATE	
6510005977469	BANDAGE ADH.75X3IN 100S	EA
6510001489770	SPONGE SURG 2/ENV 4X4IN 1200S	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
6510000584421	SPONGE SURG 2X2IN 2/ENV STER 3000S	EA
6510009268882	TAPE ADHESIVE SURG 1INX10YD 12S	RO
071	INSERT NG/OG TUBE	
8105008357212	BAG MOTION SICK 1000S	EA
6530008368134	BASIN EMESIS KIDNEY 10IN DISP 250S	EA
6510015016024	BENZOIN TINCTURE APPLIC IND WRAP	EA
7350009886498	CUP DISPOSABLE ROUND 8OZ 1000S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6505001117829	LUBRICANT SURGICAL 5 GRAM 144S	EA
6515014549342	MASK SURG CLEAR FLUID SHIELD W/2IN EXT 100S	EA
6530013667671	PAD BED LINEN NONWOVEN DISP 23X36IN 150S	EA
7350004441323	STRAW DRINKING 400S	EA
6515013520446	SYRINGE HYPO GP 60ML LUER TIP W/O NDL 120S	EA
6510009268882	TAPE ADHESIVE SURG 1INX10YD 12S	RO
6515001490316	TUBE STOMACH SURG SALEM 16FR 50S	EA
073	PERFORM SUCTION (NASO/GASTRIC)	
6515015099417	FILTER ME SUCTION CANNISTER 10S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515015316051	SUCTION APPARATUS SURG BAT 11-30V/AC	EA
6515001490316	TUBE STOMACH SURG SALEM 16FR 50S	EA
6515012768006	VALVE ANTI-REFLUX NAS/GASTR ONE WAY 10S	EA
6505010750679	WATER FOR IRRIGATION STER 1000ML BT 12S	BT
075	IRRIGATE NG/OG TUBE	
6530008368134	BASIN EMESIS KIDNEY 10IN DISP 250S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515014844182	IRRIGATION KIT CATHETER-NASOGASTRIC TUBE 20S	EA
6505015312894	SODIUM CHLORIDE INJECTION 10ML SYR120S	EA
6510001489770	SPONGE SURG 2/ENV 4X4IN 1200S	EA
6515013520446	SYRINGE HYPO GP 60ML LUER TIP W/O NDL 120S	EA
079	CATHETERIZATION, FOLEY	
6515001490104	CATH KIT URETHRAL 16FR DISP	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
6505005843131	LIDOCAINE HYDROCH JELLY 2% 30 ML TUBE	ML
6505001117829	LUBRICANT SURGICAL 5 GRAM 144S	EA
4510013790177	URINAL DISPOSABLE	EA
082	MEASURE/RECORD INTAKE/OUTPUT	
XXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX
087	REINFORCE DRESSINGS	
6505014933826	BACITRACIN & POLYMYXIN B SO4 OINT 1/32 OZ 144S	EA
6510009355822	BANDAGE ELASTIC ACE 4INX4.5YDS 12S	RO
6510000583047	BANDAGE GAUZE KERLIX 4.5IN X 4YDS 100S	RO
6510002011755	BANDAGE MUSLIN CAMOUFLAGE 37X37X52IN	EA
6510015016024	BENZOIN TINCTURE APPLIC IND WRAP	EA
6510011532857	DRESSING BURN 24X36IN STERILE ABS15S	EA
6510015064604	DRESSING PRESSURE FIELD PAD 7.5X8IN	EA
6510015064608	DRESSING PRESSURE FIELD PAD 11.75X11.75IN	EA
6510002020800	GAUZE PETROLATUM ACCORDION 18X3IN 12S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6505001538480	HYDROGEN PEROXIDE TOPICAL SOL 1PT/473ML	ML
6510007755706	PAD ABDOMIN 7.5X8IN 3LAYERS STER 240S	EA
6515009357138	SCISSOR BANDAGE ANGLED 7.25IN	EA
6510001489770	SPONGE SURG 2/ENV 4X4IN 1200S	EA
6510000584421	SPONGE SURG 2X2IN 2/ENV STER 3000S	EA
6510009268882	TAPE ADHESIVE SURG 1INX10YD 12S	RO
6510009268884	TAPE ADHESIVE SURG 3INX10YD 4S	RO
103	CIRCULATION CHECK	
XXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX
105	DOPPLER ASSESSMENT	
6515005293346	GEL TRANSMISSION ULTRASOUND 250ML 12S	ML
6515011910956	STETHOSCOPE ULTRASOUND	EA
128	PATIENT RESTRAINT (COMBATIVE PATIENT)	
6530007884010	RESTRAINT SET WRIST/ANKLE W/CARRYING CASE	SE
6530011536493	RESTRAINT WRIST AND/OR ANKLE W/ADJUSTABLE STR	PR
142	ORDER AND DOCUMENT APPROPRIATE MEDS/TREATMENT	
XXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
145	ADMINISTER APPROPRIATE MEDICATION	
6505012013458	ACETAMINOPHEN ORAL SOL BT 118ML	ML
6505015302679	ACETAMINOPHEN TAB 325MG 100S	TB
6505012579953	ALBUTEROL SULFATE INHALATION SOL 0.5% 20ML	ML
6505014113154	ALUMINA MAGNESIA & SIMETHICONE SUSP 5 OZ 12S	BT
6505012468732	ARTIFICIAL TEARS SOLUTION 0.3ML 30S	BT
6505014933826	BACITRACIN & POLYMYXIN B SO4 OINT 1/32OZ 144S	EA
6505007850307	BENZTROPINE MESYLATE INJ USP 1MG/ML 2ML 5S	AM
6505012192760	CEFTRIAZONE SODIUM 1GM VI 10S	VI
6505015274077	CODEINE & ACETAMINOPHEN TABS BLIS PK 100S	TB
6505014926420	DEXAMETHASONE SODIUM 4MG/ML 5ML VI 25S	EA
6505015053476	DIAZEPAM INJ 5MG/ML 2 ML CARTRIDGE UNIT 10S	EA
6505010985802	DIAZEPAM TAB 5MG INDIVIDUALLY SEALED 100S	TB
6505001168350	DIPHENHYDRAMINE HCL 50MG CAP 100S	CP
6505015182962	DIPHENHYDRAMINE HCL INJ 50MG/ML 1ML CART 10S	EA
6505013548591	FLUMAZENIL INJ 0.1MG/ML 10ML VI 10S	VI
6505002688530	HALOPERIDOL INJ 5MG/ML 1ML AMPUL 10S	AM
6505001538480	HYDROGEN PEROXIDE TOPICAL SOL 1PT/473ML	ML
6505015060484	HYDROXYZINE HYDROCH INJ 50MG/ML 10ML VI 25S	VI
6505013165049	IBUPROFEN ORAL SUSP 100MG/5ML FLAVOR 120ML BT	ML
6505010416911	IBUPROFEN TABLETS 400MG 100S	EA
6515013448487	INJECTOR TUBE REUSABLE 1ML & 2ML NDL UNITS	EA
6505014821064	KETOROLAC TROMETHAMINE 30MG/ML 1ML UNIT 10S	EA
6505015019585	LAMIVADINE 150MG-ZIDOVADINE 300MG HIV 6S	TB
6505010666568	LOPERAMIDE HCL CAPS 2MG 100S	CP
6505009262111	MECLIZINE HCL TABLETS CHEWABLE 25MG 100S	TB
6505015054693	MEPERIDINE HCL INJ 100MG/ML 1ML CART 10S	EA
6505014925896	METHYLPREDNISOLONE SOD SUCC INJ 125MG	EA
6505015055813	MORPHINE SULFATE INJ 10MG 1ML CART-NDL 10S	EA
6505015527718	MORPHINE SULFATE INJ 4MG/ML 1ML CARPUJECT 10S	EA
6505000797867	NALOXONE HCL INJ .4MG/ML 1ML AMP 10S	AM
6515012149405	NEBULIZER MEDICINAL DISPOSABLE 50S	EA
6515015253045	NEEDLE HYPO SAFETY GLIDE 18GAX1.5IN 500S	EA
6515015252929	NEEDLE HYPO W/SHIELD 21GAX1.5IN 500S	EA

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NSN	NOMEN	UM
6505013625340	OXYCODONE & ACETAMINOPHEN 5-325MG TAB 100S	TB
6505008694177	OXYMETAZOLINE HCL NASAL SOL .05% 15ML BT	BT
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED WHITE 200S	EA
6505015084409	PHENOBARBITAL SODIUM INJ 60MG/ML 1ML SYR 10S	EA
6505011534451	PHENYLEPHRINE HCL NASAL SOL .25% 15ML BT	BT
6515014850270	PIGGYBACK ADDITION DISP FLUID PIN CONNEC 200S	EA
6505006807352	PROMETHAZINE HYDROCHLORID25MG/ML 1ML AMP 25S	AM
6505001490098	PSEUDOEPHEDRINE HYDROCHLORIDE TAB 30MG 24	TB
6515013568511	SYRINGE HYPO GP 10ML LUER LOCK PLAS STER 400S	EA
6515004627348	SYRINGE HYPODERMIC 3ML LUER LOCK DISP 100S	EA
6515015232430	SYRINGE INSULIN SAFE 28GAX1/2IN 5ML 400S	EA
6505006828194	TRIAMCINOLONE ACETONIDE CREAM 0.1% 15GM	TU
6505010750679	WATER FOR IRRIGATION STER 1000ML BT 12S	BT
191	GIVE A BEDPAN	
8105011839768	BAG PLASTIC 39X33IN 33 GAL 30 LB LOAD 125S	EA
6530011665112	BEDPAN	EA
8540005303770	PAPER TOILET 1LBS/500 SHEETS 24X36IN 96S	RO
6510012798279	TOWELETTE BENZALKONIUM CHL 7.25X5.25 1000S	EA
6840015009521	WIPES DISINFECTANT GERMICIDAL6.75X6 12S	EA
192	GIVE A URINAL	
6510012798279	TOWELETTE BENZALKONIUM CHL 7.25X5.25 1000S	EA
6530010422485	URINAL MALE PATIENT DISP 50S	EA
6840015009521	WIPES DISINFECTANT GERMICIDAL6.75X6 12S	EA
197	PATIENT CHARTING AND PAPERWORK	
XXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX
263	BATH/CLEAN PATIENT	
6510011660156	APPLICATOR GLYCERIN-LEMON OIL 4IN 75S	EA
6532001178247	GOWN HOSPITAL PATIENT UNIVERSAL FULL LEN	EA
6532013730150	GOWN HOSPITAL PERSONNEL LARGE	EA
6530013667671	PAD BED LINEN NONWOVEN DISP 23X36IN 150S	EA
6520004090426	SWAB DEN GENTLY ABRASIVE FOAM 1000S	EA
8540007935425	TISSUE FACIAL 2-PLY 36X24IN WHITE 100/BX 12S	EA
6510012798279	TOWELETTE BENZALKONIUM CHL 7.25X5.25 1000S	EA
7210010132824	WASHCLOTH HOSPITAL PATIENT DISPOSABLE 1000S	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
344	PATIENT PREP	
6508012464202	CLEANSER SKIN MEDICATED 4 FL OZ 72S	EA
6505010564031	DETERGENT SURGICAL MEDICATED 4OZ BOTTLE	OZ
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515012348977	RAZOR SURG PREP STER DISP 50S	EA
6510012798279	TOWELETTE BENZALKONIUM CHL 7.25X5.25 1000S	EA
6840015009521	WIPES DISINFECTANT GERMICIDAL6.75X6 12S	EA
351	TEAM PREP	
6508012464202	CLEANSER SKIN MEDICATED 4 FL OZ 72S	EA
6505010564031	DETERGENT SURGICAL MEDICATED 4OZ BOTTLE	OZ
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515011498842	GLOVES SURG SZ 8 RUBBER 50S	PR
6515014549342	MASK SURG CLEAR FLUID SHIELD W/2IN EXT 100S	EA
6840015009521	WIPES DISINFECTANT GERMICIDAL6.75X6 12S	EA
748	ASSEMBLE MATERIAL/CLEAN UP	
8105011839768	BAG PLASTIC 39X33IN 33 GAL 30 LB LOAD 125S	EA
6515015188551	CONTAINER SHARPS STORAGE	EA
6530011726990	DISPOSAL CONTAINER 60S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
Z005	NORMAL DELIVERY	
6530013667671	PAD BED LINEN NONWOVEN DISP 23X36IN 150S	EA
6530011464262	SURGICAL PACK DISP DELIVERY ROOM 4S	EA
Z008	NEONATAL CARE	
65320 15254 063	BLANKET HEATING DISP 90X120CM WATER REPEL 4S	EA
6515012563257	MASK ORONASAL INF MALE CONN LATEX CUSH 20S	EA
6515011405336	MASK TRACH ANATOM SHAPED PED 50S	EA
6530013667671	PAD BED LINEN NONWOVEN DISP 23X36IN 150S	EA
6515014582876	SYRINGE EAR 8 OZ CAP POLITZER DSGN W/RUBBER B	EA
6515010450029	SYRINGE IRRIG BULB TYPE 3OZ CAP 5IN DISP 50S	EA
6530014657011	TAPE MEASURING PED RESUS BROSELOW 5S	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
7210010132824	WASHCLOTH HOSPITAL PATIENT DISPOSABLE 1000S	EA
Z014	INTUBATION	
6515NCM072091	AIRWAY SUPRAGLOTTIC 3	EA
6515NCM072090	AIRWAY SUPRAGLOTTIC 4	EA
6515NCM072089	AIRWAYSUPRAGLOTTIC 5	EA
6515006560475	BLADE LARYNGOSCOPE MILLER 0	EA
6515013682874	DETECTOR END-TIDAL CO2 ADULT 6S	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515013964249	HANDLE LARYNGOSCOPE SMALL PETRIC 2 AA BATT	EA
6240014349656	LAMPFLUORESCENT	EA
6515006165052	LARYNGOSCOPE MACINTOSH INFANT 4 BLADE W/BTRY	EA
6515011378470	STYLET CATH-TUBE 11.75 .047 MALLE 20S	EA
6510009268884	TAPE ADHESIVE SURG 3INX10YD 4S	RO
6515011665076	TUBE ENDOTRACHEAL MURPHY UNCUFFED 3.0MM 10S	EA
Z027	CARDIO ARREST RESUSCITATION	
6515015186021	ADAPTER AIRWAY SINGLE PATIENT USE	EA
6505015303307	ADENOSINE INJ 3MG/ML NEEDLESS SYR 2ML 10S	EA
6505014232851	AMIARONE INJ 50MG/ML 3ML AMP 10S	EA
6505010339866	ASPIRIN TAB 81MG FLAVORED CHEWABLE 36S	TB
6505010946196	ATROPINE SULFATE INJ 0.1MG/CC 10ML 10S	ML
6515015185955	BATTERY PACK DEFIBRILLATOR/MONITOR ZOLL M-SER	EA
6530014602567	BOARD CARIO-PULMONA CONTOURED RECESSED HANDLE	EA
6505015037386	CALCIUM CHLORIDE INJ 100MG/ML 10ML SYR 10S	EA
6515015186016	CHARGER BATTERY M SERIES EXT PAD ZOLL DEFIB	EA
6515015161519	DEFIBRILLATOR MONITOR & RECORDER	EA
6505015015408	DEXTROSE INJ 50% 50ML CART- NDL 50s	EA
6505013306254	DEXTROSE INJECTION 5% 500ML 24S	EA
6505014917667	DOBUTAMINE INJ 250MG 20ML VI 10S	VI
6505011494089	DOPAMINE HCL INJ 40MG/ML 5ML VI 25S	VI
6515015092920	ELECTRE SET 12-LEADS ECG 6/PK 100S	PK
6505015273957	EPINEPHRINE INJ 0.1 MG/ML 10ML 10S	EA
6505002998760	EPINEPHRINE INJ 1MG/ML 1ML AMP 25S	EA
6505015027737	ESMOLOL HYDROCHLORIDE INJ 10MG 25S	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
6505014806901	FUROSEMIDE INJ 10MG/ML 10ML 10S	EA
6515011534971	GEL ELECTRE EKG CLEAR SALT FREE 8 OZ 12S	EA
6505011171996	ISOPROTERENOL HCL INJ .2MG/ML 1ML AMP 25S	EA
6505011947265	LIDOCAINE HCL 0.4% & D5W INJ 500ML 18S	EA
6505005986116	LIDOCAINE HYDROCHLORIDE 1.0%/ML 50ML	ML
6505015168407	MAGNESIUM SULFATE INJ 10S	EA
6505013092742	METOPROLOL TARTRATE INJ 1MG/ML 5ML AMP 12S	MG
6505010906797	METOPROLOL TARTRATE TAB 50MG 100S	TB
6505015055813	MORPHINE SULFATE INJ 10MG 1ML CART-NDL 10S	EA
6505015527718	MORPHINE SULFATE INJ 4MG/ML 1ML CARPUJECT 10S	EA
6515015253045	NEEDLE HYPO SAFETY GLIDE 18GAX1.5IN 500S	EA
6515015252929	NEEDLE HYPO W/SHIELD 21GAX1.5IN 500S	EA
6515013101813	NEEDLE I/O INFUSION 18GAX4CM	EA
6505014860542	NITROGLYCERIN LINGUAL AEROSOL 0.4MG 200 DOSES	SP
6505010083401	NITROGLYCERIN OINTMENT 2% TUBE 60GM	TU
6510007863736	PAD ISOPROPYL ALCOHOL 200S	EA
6515014430565	PADS ELECTRE DEFIB ADULT ZOLL 1PR	PR
6515015093389	PAPER ECG RECORD U/W ZOLL M-SERIES DEFIB 10S	RO
6505001049320	PHENYLEPHRINE HCL INJ 1% 1ML AMP 25S	AM
6505013329024	PHENYTOIN SIUM INJ 50MG/ML 5ML VI 25S	VI
6505001394561	SODIUM BICARBONATE INJ 50ML 10S	EA
6515014698665	STETHOSCOPE ELECTRON LITTMANN CARDIOLOGY III	EA
6515004627348	SYRINGE 3ML LUER LOCK DISP 100S	EA
6515014923276	SYRINGE & NEEDLE HYPO SAFETY 25GAX .5IN 400S	EA
6515012451871	SYRINGE CARTRIDGE 3IN CLEAR 2MM 50S	EA
6515013568511	SYRINGE HYPO GP 10ML LUER LOCK STER 400S	EA
6505015242691	VASOPRESSIN INJ 20 UNITS/ML 1ML 25S	VI
6505011313855	VERAPAMIL HCL INJ 2.5MG/ML 2ML 5S	VI
Z030	ELECTRONIC MONITORING OF PATIENT VITAL SIGNS	
6515014322711	MONITOR PATIENT VITAL SIGNS:	EA
Z037	VALVE MASK SETUP	
6515014764542	RESUSCITATOR HAND OP RESER & MSK ADLT 10S	EA
6515012985136	RESUSCITATOR HAND OPERATED INFANT 240ML	EA
6515012090698	RESUSCITATOR HAND-POWERED CHILD	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
6515013632512	TUBE ASSEMBLY INHALER 72IN CUFF 15S	EA
6515012768006	VALVE ANTI-REFLUX NAS/GASTR ONE WAY 10S	EA
6515013883857	VALVE POS END EXPIR PRESS VENT 10S	EA
Z038	HYPERVENTILATE PATIENT(BVM)	
XXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX
Z045	CHANGE DRAINAGE BOTTLE/PLEUREVAC	
6515015274681	DRAINAGE UNIT PLEURAL CAVITY DRY SUCTION 6S	EA
6515003349500	FORCEP HEMO PEAN SLIGHTLY CURVED JAW 9IN	EA
6515014844182	IRRIGATION KIT CATHETER-NASOGASTRIC TUBE 20S	EA
6515009269150	VALVE DRAIN HEIMLICH 4.50IN 1IN 10S	EA
Z101	CONDUCT PMI EXCHANGE	
XXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX
Z108	FACILITY SITE SET UP	
6530002998353	BACK REST LITTER NONADJ ALUM/CTN DUCK 45X24IN	EA
6135009857845	BATTERY NONRECHARGEABLE 1.5V CELL AA 24S	EA
6545009111300	BLANKET SET BED 4 PER SET	EA
8460014147271	BRIEF CASE	EA
6515014776078	CASE ACLS DRUG 20.5INX16.75INX8.5IN ORANGE	EA
6515014776165	CASE ADMIN DIAG 28.5INX12.5INX12.5IN	EA
6515014776128	CASE AIRWAY INCL BG T INSERT LARYNGOSCOPE	EA
6515015007559	CASE CATH CORDURA NYLON PART OF IV SYS SET	EA
6515015182613	CASE CATHETER IV SUPP GREEN F/14161820 GA	EA
6515014738678	CASE DRUG 21.75INX17INX8IN HINGED HARD PLSTC	EA
6515015180212	CASE LARYNGOSCOPE CORDURA	EA
6515014776124	CASE SUPPLY IV MAIN INSERT SUPP POUCH	EA
6515014776146	CASE URINAL BEDPAN GEAR INSERT	EA
6150NCM000239	ELECTRICAL CABLE ASSEMBLY	EA
1670013649809	FITTING CARGO	EA
6130NCM040691	FREQUENCY CONVERTER PORTABLE MIFIED	EA
5920014688315	FUSE PLUG END ITEM NSN 6530-01-464-0267	EA
6230NCM021288	HEADLAMP PET'ZL TIKKA LED	EA
6210014349138	LENS LIGHT RUBY RED USE/W 6230-01-433-3519	EA
6210014349252	LENSLIGHT	EA
6530015527708	LITTER FOLDING POLE 90X31X6IN	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
6530013807309	LITTER FOLDING RIGID ALUM POLE NYLON DUC	EA
6530015480262	MATTRESS LITTER F/AEROMEDICAL PT TRANSFER	EA
6515001656544	OTOSCOPE&OPHTHALMOSCOPE SET BTRY	EA
6515014776141	ROLL PACK DRESSING ORGANIZER	EA
6515014776134	ROLL PACK TRANSPORTS PATIENT COMFORT ITEMS	EA
5120000602004	SCREWDRIVER CROSS TIP 4IN PHILLIP	EA
5120002872505	SCREWDRIVERFLAT TIP	EA
7210001396376	SHEET BED FLAT NONWOVEN FABRIC AQUA DISP 100S	EA
6515008669113	TEST LUNG RESPIRATOR FSCM14308 MFRN0612	EA
5120004498083	WRENCH ADJ CHROMIUM & STEEL 10IN	EA
Z111	ICP MONITORING	
XXXXXXXXXXXXX25	SUPPLIES FROM MTF	XX
ZZ07	TRACHEOSTOMY CARE	
6515013686299	FORCEP TRACHEAL TUBE MAGILL 8IN CHILD	EA
6515003323300	FORCEP TRACHEAL TUBE MAGILL FENESTRATED	EA
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
6515014549342	MASK SURG CLEAR FLUID SHIELD W/2IN EXT 100S	EA
6505015312894	SODIUM CHLORIDE INJECTION 10ML SYR120S	EA
6515013948327	STYLET TRACH TUBE 7.5-10MM DISP 10S	EA
6510009268882	TAPE ADHESIVE SURG 1INX10YD 12S	RO
6510012798279	TOWELETTE BENZALKONIUM CHL 7.25X5.25 1000S	EA
6515012198567	TRAY TRACHEOSTOMY CLEANING STER 20S	EA
6515013441125	TUBE TRACH MAGILL/NAS/ORAL W/O CUFF 5MM 10S	EA
6515001050720	TUBE TRACH MURPHY 6.0MM 10S	EA
6515001050744	TUBE TRACH MURPHY 7.0MM 10S	EA
6515001050759	TUBE TRACH MURPHY 8.0MM 10S	EA
6515012123137	TUBE TRACHEAL MURPHY PED 16FR 10S	EA
6505010750679	WATER FOR IRRIGATION STER 1000ML BT 12S	BT
ZZ12	PROVIDE MEALS	
XXXXXXXXXXXXX25	SUPPLIES FROM MTF	XX
ZZ42	ACTIVE PATIENT WARMING	
7210009356666	BLANKET CASUALTY T FILM & ALUM 95X56IN	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
6532015254063	BLANKET HEATING DISP 90X120CM WATER REPEL 4S	EA
ZZ58	PRESSURE INFUSE IV FLUIDS	
6515014502021	ADMIN SET INFUSION PUMP 20S	EA
6515014502045	ADMIN SET INFUSION PUMP U/W MEDSYS III 50S	EA
6515005842893	INFUSOR PRESSURE BLO/FLUID IV	EA
6515014864310	PUMP IV INFUSION 3-CHANNEL BATT/AC	EA
ZZ64	SEDATE AGITATED PATIENT	
6505007850307	BENZTROPINE MESYLATE INJ 1MG/ML 2ML 5S	AM
6505015053476	DIAZEPAM INJ 5MG/ML 2 ML CARTRIDGE UNIT 10S	EA
6505010985802	DIAZEPAM TAB 5MG INDIVIDUALLY SEALED 100S	TB
6505013548591	FLUMAZENIL INJ 0.1MG/ML 10ML VI 10S	VI
6505002688530	HALOPERIDOL INJ 5MG/ML 1ML AMP 10S	AM
6505015060484	HYDROXYZINE HYDROCH INJ 50MG/ML 10ML VI 25S	VI
6515015253045	NEEDLE HYPO SAFETY GLIDE 18GAX1.5IN 500S	EA
6515015252929	NEEDLE HYPO W/SHIELD 21GAX1.5IN 500S	EA
6510007863736	PAD ISOPROPYL ALCOHOL 200S	EA
6515004627348	SYRINGE 3ML LUER LOCK DISP 100S	EA
ZZ65	CONDUCT PATIENT HAND-OFF	
XXXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX
ZZ66	PROVIDE PATIENT IVE EQUIPMENT	
6515001376345	PLUG EAR UNIV SZ FOAM 400S	PR
6532014502057	RESPIRATOR AIR FILTERING INFECT CONTROL 35S	EA
6532014590428	RESPIRATOR AIR FILTERING 1 MICRON 210S	EA
ZZ67	SECURE PATIENT TO LITTER/AIRFRAME	
5340NCM072136	STRAP RETAINING	EA
6530007844205	STRAP WEB LITTER PATIENT SECURING	EA
ZZ75	PROVIDE VISUAL/AUDIBLE INSTRUCTION/REASSURANCE	
XXXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX
ZZ77	ASSESS AIRWAY/BREATHING	
6515009354088	STETHOSCOPE ADL 24IN TWO POSN VALVE	EA
ZZ80	PERFORM SUCTION (E-T TUBE/TRACHEOSTOMY TUBE)	
6515013909654	CATH & NDL IV 18GAX1.25IN 200S	EA
6515014549342	MASK SURG CLEAR FLUID SHIELD W/2IN EXT 100S	EA
6510001489770	SPONGE SURG 2/ENV 4X4IN 1200S	EA

Appendix A FFQDM Task Profiles and Supplies

NSN	NOMEN	UM
6510000584421	SPONGE SURG 2X2IN 2/ENV STER 3000S	EA
6515015316051	SUCTION APPARATUS SURG BAT 11-30V/AC	EA
6515011243915	SUCTION SET TRACH TRI-FLO CATH 14FR 22IN 100S	EA
6515013520446	SYRINGE HYPO GP 60ML LUER TIP W/O NDL 120S	EA
ZZ84	MANAGE SALINE LOCK	
6505015312894	SODIUM CHLORIDE INJECTION 10ML SYR120S	EA
ZZ95	COLLECT & MANAGE BIOWASTE	
6530013416077	BIOHAZ RED BLACK BIOHAZ SYMB 25X35IN 200S	EA
6515015249755	CLEAN-UP KIT BLOOD AND FLUID	KT
6515014618929	GLOVE EXAM NITRILE L 100S	EA
6515014618933	GLOVE EXAM NITRILE M 100S	EA
8520007823554	HAND CLEANER INDIV 2000S	EA
6532014590428	RESPIRATOR AIR FILTERING 1 MICRON 210S	EA
6532014502057	RESPIRATOR AIR FILTERING INFECT CONTROL 35S	EA
ZZ96	ASSEMBLE/REPLENISH/RESUPPLY MATERIEL	
XXXXXXXXXXXXX26	MANUAL TASK-NO SUPPLIES REQUIRED	XX

Appendix B FFQDM Inventory

Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
EQUIPMENT											
A	6515014806611	ADAPTER O2 FEMALE O2 DISS HEX ADAPTER	EA	4	4	0.40	0.40	\$35.00	0.40	0.40	\$35.00
A	6530002998353	BACK REST LITTER NONADJ ALUM/CTN DUCK 45X24IN	EA	3	3	12.00	1.48	\$558.18	12.00	1.48	\$558.18
A	6515015185955	BATTERY PACK DEFIB/MONITOR ZOLL M-SER	EA	2	2	8.00	0.50	\$360.00	8.00	0.50	\$360.00
A	6515006560475	BLADE LARYNGOSCOPE MILLER PREMMIE SIZE 0	EA	2	2	0.02	0.00	\$207.30	0.02	0.00	\$207.30
A	6530014602567	BOARD CARIO-PULMONA CONTOURED	EA	1	1	1.25	0.02	\$94.02	1.25	0.02	\$94.02
A	8460014147271	BRIEF CASE	EA	2	2	10.00	4.00	\$200.00	10.00	4.00	\$200.00
A	6515014776078	CASE ACLS DRUG 20.5INX16.75INX8.5IN ORANGE	EA	1	1	3.60	2.70	\$499.98	3.60	2.70	\$499.98
A	6515014776165	CASE ADMIN DIAGNOSTIC 28.5INX12.5INX12.5IN	EA	1	1	1.60	1.20	\$328.43	1.60	1.20	\$328.43
A	6515014776128	CASE AIRWAY INCL PLAST INSERT LARYNGOSCOPE	EA	2	2	4.20	2.80	\$338.00	4.20	2.80	\$338.00
A	6515015007559	CASE CATH CORDURA NYLON IV SYS SET	EA	2	2	0.50	0.24	\$34.72	0.50	0.24	\$34.72
A	6515015182613	CASE CATHETER IV SUPP GREEN	EA	6	6	6.90	0.66	\$209.34	6.90	0.66	\$209.34
A	6515014738678	CASE DRUG 21.75INX17INX8IN HINGED	EA	1	1	0.50	1.50	\$226.40	0.50	1.50	\$226.40
A	6515015180212	CASE LARYNGOSCOPE CORDURA	EA	1	1	3.00	0.59	\$103.70	3.00	0.59	\$103.70
A	6515014776124	CASE SUPPLY IV MAIN BAG INSERT SUPP POUCH	EA	2	2	4.20	3.04	\$352.70	4.20	3.04	\$352.70
A	6515014776146	CASE URINAL BEDPAN GEAR BAG INSERT	EA	2	2	2.40	1.18	\$156.50	2.40	1.18	\$156.50
A	6515015186016	CHARGER BATTERY M SERIES EXT PAD ZOLL DEFIB	EA	1	1	10.00	1.20	\$506.00	10.00	1.20	\$506.00
A	6515015161519	DEFIBRILLATOR MONITOR & RECORDER	EA	1	1	18.40	1.40	\$25,058.00	18.40	1.40	\$25,058.00
A	6150NCM000239	ELECTRICAL CABLE ASSEMBLY	EA	1	1	10.00	5.00	\$2,500.00	10.00	5.00	\$2,500.00

A = Quantity Unchanged
 B = Quantity Decreased
 C = Delete Without Replacement
 D = Delete With Replacement

E = Quantity Increased
 F = New Item, Replacement
 G = New Item, New Component

Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
A	1670013649809	FITTING CARGO	EA	6	6	30.00	6.00	\$398.28	30.00	6.00	\$398.28
C	6230009264331	FLASHLIGHT W/ CONE SHAP TRAFFIC BATON	EA	0	4	0.00	0.00	\$0.00	4.00	0.04	\$35.64
A	6515013543969	FLOWMETER OXYGEN TAPERED INNER FLOWTUBE	EA	14	14	7.00	0.28	\$372.96	7.00	0.28	\$372.96
A	6515003349500	FORCEP HEMO PEAN SLIGHTLY CURVED JAW 9IN	EA	4	4	1.40	0.04	\$51.52	1.40	0.04	\$51.52
A	6515013686299	FORCEPS TRACHEAL TUBE MAGILL 8IN CHILD	EA	2	2	1.30	0.10	\$16.00	1.30	0.10	\$16.00
A	6515003323300	FORCEPS TRACHEAL TUBE MAGILL FENESTRATED	EA	2	2	1.30	0.10	\$18.02	1.30	0.10	\$18.02
A	6130NCM040691	FREQUENCY CONVERTER PORTABLE MODIFIED	EA	1	1	0.65	0.65	\$11,000.00	0.65	0.65	\$11,000.00
A	5920014688315	FUSE PLUG END ITEM NSN 6530-01-464-0267	EA	4	4	0.44	1.80	\$3.24	0.44	1.80	\$3.24
A	6515013964249	HANDLE LARYNGOSCOPE SMALL PED 2 AA BATT	EA	2	2	0.56	0.02	\$48.32	0.56	0.02	\$48.32
A	6230NCM021288	HEADLAMP PETZL TIKKA LED	EA	4	4	4.00	0.04	\$139.80	4.00	0.04	\$139.80
A	6515013543970	HOSE ASSEMBLY OXYGEN MALE & FEMALE	EA	16	16	16.00	6.40	\$368.96	16.00	6.40	\$368.96
A	6515005842893	INFUSOR PRESSURE BLOOD/FLUID IV BAG	EA	2	2	1.50	0.13	\$259.88	1.50	0.13	\$259.88
A	6515013448487	INJECTOR TUBE REUSABLE 1ML & 2ML NDL UNITS	EA	2	2	0.22	0.13	\$11.54	0.22	0.13	\$11.54
A	6515006165052	LARYNGOSCOPE MACINTOSH INF 4 BLADE W/BTRY	EA	2	2	6.00	0.20	\$83.44	6.00	0.20	\$83.44
A	6210014349138	LENS LIGHT RUBY RED USE/W 6230-01-433-3519	EA	2	2	0.02	0.02	\$31.30	0.02	0.02	\$31.30
A	6210014349252	LENSLIGHT	EA	2	2	0.02	0.02	\$23.48	0.02	0.02	\$23.48
A	6530015527708	LITTER FOLDING POLE OVERSIZED 90X31X6IN	EA	1	1	5.00	0.38	\$589.00	5.00	0.38	\$589.00
A	6530013807309	LITTER FOLDING RIGID ALUM POLE PLAS NYLON	EA	3	3	15.00	1.13	\$714.54	15.00	1.13	\$714.54
A	6515013429182	MANIFOLD ASSEMBLY O2 DELIVERY W/ CASE	EA	4	4	48.00	7.80	\$476.76	48.00	7.80	\$476.76
A	6530015480262	MATTRESS LITTER F/AEROMEDICAL PT TRANSFER	EA	3	3	6.00	5.33	\$795.00	6.00	5.33	\$795.00
A	6515014409394	MONITOR OXYGEN PORTABLE 9V BATT	EA	1	1	9.20	0.01	\$411.75	9.20	0.01	\$411.75
A	6515014322711	MONITOR PATIENT VITAL SIGNS	EA	1	1	50.00	1.00	\$22,683.11	50.00	1.00	\$22,683.11

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 D = Delete With Replacement

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 F = New Item, Replacement
 G = New Item, New Component

Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
A	6515001656544	OTOSCOPE&OPHTHALMOSCOPE SET OPER BTRY	SE	1	1	1.32	0.10	\$137.82	1.32	0.10	\$137.82
A	6515014527697	OXIMETER PULSE 110/220VAC 50/60HZ CERTIFIED F	EA	1	1	5.00	2.00	\$1,392.43	5.00	2.00	\$1,392.43
A	6515014864310	PUMP IV INFUSION 3-CHANNEL BATT/AC	EA	1	1	4.90	0.37	\$5,768.90	4.90	0.37	\$5,768.90
A	6530007884010	RESTRAINT SET WRIST/ANKLE W/CARRYING CASE	SE	4	4	11.56	0.60	\$399.08	11.56	0.60	\$399.08
A	6530011536493	RESTRAINT WRIST & ANKLE W/ADJUSTABLE STR	PR	4	4	1.96	0.11	\$43.48	1.96	0.11	\$43.48
A	6515012985136	RESUSCITATOR HAND OPERATED INFANT 240ML	EA	2	2	1.84	0.34	\$443.32	1.84	0.34	\$443.32
A	6515012090698	RESUSCITATOR HAND-POWERED CHILD SIZE	EA	2	2	6.00	1.40	\$278.08	6.00	1.40	\$278.08
A	6515014776141	ROLL PACK DRESSING ORGANIZER PROTECTS	EA	2	2	3.00	3.60	\$225.40	3.00	3.60	\$225.40
A	6515014776134	ROLL PACK TRANSPORTS PATIENT COMFORT ITEMS	EA	2	2	2.40	3.60	\$212.32	2.40	3.60	\$212.32
A	6515009357138	SCISSOR BANDAGE ANGLED 7.25IN	EA	4	4	0.76	0.06	\$1.92	0.76	0.06	\$1.92
A	5120000602004	SCREWDRIVER CROSS TIP 4IN PHILLIP	EA	2	2	0.02	0.02	\$5.04	0.02	0.02	\$5.04
A	5120002872505	SCREWDRIVERFLAT TIP	EA	2	2	0.02	0.02	\$5.04	0.02	0.02	\$5.04
A	6515013181535	SENSOR OXYGEN MONITORING PLASTIC HOUSING	EA	1	1	0.20	0.12	\$86.47	0.20	0.12	\$86.47
A	6515012891967	SPHYGMOMANOMETER ANEROID MULTI-CUFF KIT	EA	2	2	0.84	0.10	\$327.54	0.84	0.10	\$327.54
A	6515009354088	STETHOSCOPE ADL 24IN TWO POSN VALVE	EA	2	2	1.40	0.60	\$11.72	1.40	0.60	\$11.72
A	6515014698665	STETHOSCOPE ELECTRON LITTMANN CARDIO III	EA	1	1	0.88	0.12	\$173.00	0.88	0.12	\$173.00
A	6515011910956	STETHOSCOPE ULTRASOUND	EA	1	1	1.00	0.16	\$479.00	1.00	0.16	\$479.00
A	5340NCM072136	STRAP RETAINING	EA	36	36	18.00	1.80	\$102.60	18.00	1.80	\$102.60
A	6530007844205	STRAP WEB LITTER PATIENT SECURING	EA	50	50	40.50	1.25	\$879.00	40.50	1.25	\$879.00

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 F = New Item, Replacement
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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
A	6515015316051	SUCTION APPARATUS SURG BAT 11-30V/AC	EA	3	3	36.00	16.67	\$6,630.00	36.00	16.67	\$6,630.00
A	6515014582876	SYRINGE EAR 8 OZ CAP POLITZER W/RUBBER B	EA	2	2	1.30	0.24	\$367.56	1.30	0.24	\$367.56
A	6530015112702	TANK OXYGEN STORAGE MOBILE 10000 LITERS	EA	2	2	300.00	8.50	\$104,880.00	300.00	8.50	\$104,880.00
A	6515008669113	TEST LUNG RESPIRATOR FSCM14308 MFRN0612	EA	1	1	0.30	0.01	\$34.04	0.30	0.01	\$34.04
A	6515014995906	THERMOMETER CLIN HUMAN ORAL/RECTAL DIGITAL	EA	2	2	0.16	0.16	\$13.98	0.16	0.16	\$13.98
A	5120004498083	WRENCH ADJ CHROMIUM & STEEL 10IN LONG	EA	4	4	0.40	0.00	\$39.96	0.40	0.00	\$39.96
A	5120000974136	WRENCH BOX ALUM 5IN 2 SLOTS	EA	2	2	0.30	0.00	\$10.98	0.30	0.00	\$10.98
MEDICINE											
A	6505012013458	ACETAMINOPHEN ORAL SOL BT 118ML	BT	1	1	0.67	0.06	\$0.98	0.67	0.06	\$0.98
A	6505015302679	ACETAMINOPHEN TAB 325MG 100S	BT	1	1	0.55	0.12	\$0.49	0.55	0.12	\$0.49
B	6505015303307	ADENOSINE INJ 3MG/ML NEEDLESS SYR 2ML 10S	EA	2	5	0.11	0.02	\$66.35	0.28	0.06	\$165.87
A	6505012579953	ALBUTEROL SULFATE INHALATION SOL 0.5% 20ML	BT	1	1	0.13	0.73	\$7.33	0.13	0.73	\$7.33
A	6505014113154	ALUMINA MAGNESIA & SIMETHICONE SUSP 5 OZ 12S	BT	1	1	3.55	0.02	\$9.50	3.55	0.02	\$9.50
B	6505014232851	AMIODARONE INJ 50MG/ML 3ML AMP 10S	EA	1	4	0.12	0.00	\$102.61	0.46	0.00	\$410.42
B	6505012468732	ARTIFICIAL TEARS SOLUTION 0.3ML 30S	BT	4	12	0.68	0.07	\$34.64	2.04	0.22	\$103.92
C	6505001009985	ASPIRIN TAB 320MG 100S	BT	0	1	0.00	0.00	\$0.00	0.00	0.00	\$0.01
A	6505010339866	ASPIRIN TAB 81MG FLAVORED CHEWABLE 36S	BT	1	1	0.13	0.00	\$0.77	0.13	0.00	\$0.77
B	6505010946196	ATROPINE SULFATE INJ 0.1MG/CC 10ML 10S	BT	2	5	0.28	0.02	\$3.46	0.70	0.06	\$8.66

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6505014933826	BACITRACIN & POLYMYXIN B SO4 OINT 1/32OZ 144S	EA	3	6	0.01	0.00	\$0.25	0.02	0.01	\$0.50
B	6505007850307	BENZTROPINE MESYLATE INJ 1MG/ML 2ML 5S	AM	1	3	0.03	0.00	\$8.46	0.09	0.00	\$25.39
B	6505015037386	CALCIUM CHLORIDE INJ 100MG/ML 10ML SYR 10S	EA	1	2	0.10	0.69	\$1.98	0.20	1.39	\$3.96
B	6505012192760	CEFTRIAXONE SODIUM 1GM VI 10S	VI	1	2	0.07	0.15	\$20.73	0.14	0.30	\$41.45
C	6505015055923	CHLORPROMAZINE HCL INJ 25MG/ML 2ML 25S	AM	0	2	0.00	0.00	\$0.00	0.03	0.00	\$12.71
B	6505015274077	CODEINE & ACETAMINOPHEN TABS BLIS PK 100S	BT	1	2	0.55	0.12	\$6.80	1.10	0.24	\$13.60
G	6505010564031	DETERGENT SURGICAL MEDICATED 4OZ	BT	4	0	0.33	0.02	\$3.84	0.00	0.00	\$0.00
E	6505014926420	DEXAMETHASONE SODIUM 4MG/ML 5ML VI 25S	EA	3	2	0.07	0.01	\$3.79	0.04	0.01	\$2.53
B	6505015015408	DEXTROSE INJ 50% 50ML CART-NDL 50s	EA	1	2	0.01	0.00	\$0.66	0.02	0.00	\$1.32
B	6505013306254	DEXTROSE INJECTION 5% 500ML 24S	EA	1	4	1.00	0.04	\$0.49	4.00	0.17	\$1.96
B	6505015053476	DIAZEPAM INJ 5MG/ML 2 ML CARTRIDGE UNIT 10S	PG	1	2	0.55	0.12	\$23.57	1.10	0.24	\$47.14
B	6505010985802	DIAZEPAM TAB 5MG INDIVIDUALLY SEALED 100S	PG	1	2	0.40	0.05	\$2.03	0.80	0.10	\$4.06
A	6505001168350	DIPHENHYDRAMINE HCL 50MG CAP 100S	BT	1	1	0.28	0.01	\$1.60	0.28	0.01	\$1.60
B	6505015182962	DIPHENHYDRAMINE HCL INJ 50MG/ML 1ML CART 10S	EA	3	5	0.17	0.04	\$4.36	0.28	0.06	\$7.26
B	6505014917667	DOBUTAMINE INJ 250MG 20ML VI 10S	VI	1	2	0.06	0.01	\$3.10	0.11	0.02	\$6.19
B	6505011494089	DOPAMINE HCL INJ 40MG/ML 5ML VI 25S	VI	1	4	0.05	0.00	\$0.33	0.18	0.00	\$1.32
B	6505015273957	EPINEPHRINE INJ 0.1 MG/ML 10ML 10S	EA	2	10	0.23	0.01	\$5.11	1.16	0.07	\$25.54
B	6505002998760	EPINEPHRINE INJ 1MG/ML 1ML AMP 25S	EA	3	5	0.03	0.00	\$1.19	0.06	0.00	\$1.98

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6505015027737	ESMOLOL HYDROCHLORIDE INJ 10MG 25S	EA	1	3	0.02	0.00	\$8.20	0.07	0.01	\$24.60
A	6505013548591	FLUMAZENIL INJ 0.1MG/ML 10ML VI 10S	VI	1	1	0.11	0.00	\$30.56	0.11	0.00	\$30.56
B	6505014806901	FUROSEMIDE INJ 10MG/ML 10ML 10S	EA	1	5	0.10	0.00	\$4.06	0.50	0.01	\$20.30
B	6505002688530	HALOPERIDOL INJ 5MG/ML 1ML AMP 10S	AM	1	5	0.01	0.00	\$0.49	0.07	0.01	\$2.47
A	6505001538480	HYDROGEN PEROXIDE TOPICAL SOL 1PT/473ML	BT	1	1	1.16	0.04	\$0.35	1.16	0.04	\$0.35
A	6505015060484	HYDROXYZINE HYDROCH INJ 50MG/ML 10ML VI 25S	VI	1	1	0.06	0.12	\$0.79	0.06	0.12	\$0.79
A	6505013165049	IBUPROFEN ORAL SUSP 100MG/5ML FLAVOR 120ML	BT	1	1	0.40	0.01	\$10.68	0.40	0.01	\$10.68
D	6505012149061	IBUPROFEN TAB 800 MG TAB 100S	BT	0	1	0.00	0.00	\$0.00	0.01	0.01	\$0.04
F	6505010416911	IBUPROFEN TABLETS 400MG 100S	BT	1	0	0.00	0.00	\$0.03	0.00	0.00	\$0.00
B	6505011171996	ISOPROTERENOL HCL INJ .2MG/ML 1ML AMP 25S	EA	1	2	0.02	0.01	\$3.68	0.03	0.02	\$7.35
E	6505014821064	KETOROLAC TROMETHAMINE 30MG/ML 1ML UNIT 10S	EA	6	4	0.12	0.06	\$22.67	0.08	0.04	\$15.11
A	6505015019585	LAMIVADINE 150MG-ZIDOVADINE 300MG HIV 6S	PG	1	1	0.55	0.12	\$10.42	0.55	0.12	\$10.42
A	6505011947265	LIDOCAINE HCL 0.4% & D5W INJ 500ML BAG 18S	EA	1	1	1.36	0.05	\$7.23	1.36	0.05	\$7.23
C	6505015332656	LIDOCAINE HCL INJ 2% 5ML 10S	EA	0	3	0.00	0.00	\$0.00	0.90	0.23	\$5.29
G	6505005843131	LIDOCAINE HYDROCH JELLY 2% 30 ML TUBE	TU	1	0	0.01	0.00	\$0.06	0.00	0.00	\$0.00
A	6505005986116	LIDOCAINE HYDROCHLORIDE 1.0%/ML 50ML	BT	1	1	0.28	0.00	\$1.05	0.28	0.00	\$1.05
A	6505010666568	LOPERAMIDE HCL CAPS 2MG 100S	BT	1	1	0.08	0.00	\$7.14	0.08	0.00	\$7.14
B	6505001117829	LUBRICANT SURGICAL 5 GRAM 144S	EA	4	20	0.07	0.25	\$0.25	0.36	1.24	\$1.24

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6505015168407	MAGNESIUM SULFATE INJ 10S	EA	1	2	0.20	0.10	\$3.75	0.40	0.20	\$7.50
A	6505009262111	MECLIZINE HCL TABLETS CHEWABLE 25MG 100S	BT	1	1	0.11	0.01	\$1.54	0.11	0.01	\$1.54
B	6505015054693	MEPERIDINE HCL INJ 100MG/ML 1ML CART 10S	PG	1	2	0.55	0.12	\$5.85	1.10	0.24	\$11.70
B	6505014925896	METHYLPREDNISOLONE SOD SUCC INJ 125MG 25S	EA	4	8	0.09	0.02	\$6.15	0.18	0.04	\$12.30
E	6505013092742	METOPROLOL TARTRATE INJ 1MG/ML 5ML AMPS 12S	AM	6	3	0.28	0.01	\$23.86	0.14	0.00	\$11.93
A	6505010906797	METOPROLOL TARTRATE TAB 50MG 100S	BT	1	1	0.34	0.01	\$5.18	0.34	0.01	\$5.18
B	6505015055813	MORPHINE SULFATE INJ 10MG 1ML CART-NDL 10S	PG	1	8	1.15	0.15	\$10.08	9.20	1.20	\$80.64
B	6505015527718	MORPHINE SULFATE INJ 4MG/ML 1ML CARP 10S	PG	1	8	0.66	0.18	\$16.75	5.28	1.44	\$134.00
B	6505000797867	NALOXONE HCL INJ .4MG/ML 1ML AMP 10S	AM	5	6	0.06	0.03	\$2.43	0.07	0.03	\$2.91
A	6505014860542	NITROGLYCERIN LINGUAL AERO 0.4MG 200 DOSES	EA	1	1	0.55	0.12	\$41.66	0.55	0.12	\$41.66
A	6505010083401	NITROGLYCERIN OINTMENT 2% TUBE 60GM	TU	1	1	0.26	0.01	\$4.47	0.26	0.01	\$4.47
G	6505013945963	ONDANSETRON HYDROCH INJ 2MG/ML 2ML 5S	VI	2	0	0.20	0.04	\$43.97	0.00	0.00	\$0.00
B	6505013625340	OXYCODONE & ACETAMINOPHEN 5-325MG TAB 100S	PG	1	2	0.33	0.02	\$18.81	0.66	0.03	\$37.62
B	6505008694177	OXYMETAZOLINE HCL NASAL SOL .05% 15ML BT	BT	1	5	0.10	0.01	\$4.16	0.50	0.03	\$20.80
B	6505015084409	PHENOBARBITAL SODIUM INJ 60MG/ML 1ML SYR 10S	PG	1	2	0.55	0.12	\$34.37	1.10	0.24	\$68.74
E	6505001049320	PHENYLEPHRINE HCL INJ 1% 1ML AMP 25S	AM	9	5	0.15	0.01	\$4.25	0.08	0.01	\$2.36
B	6505011534451	PHENYLEPHRINE HCL NASAL SOL .25% 15ML BT	BT	1	2	0.11	0.01	\$3.50	0.22	0.02	\$7.00

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6505013329024	PHENYTOIN SODIUM INJ 50MG/ML 5ML VI 25S	VI	1	5	0.04	0.00	\$0.17	0.20	0.00	\$0.87
B	6505006807352	PROMETHAZINE HYDROCHLORID 25MG/ML 1ML 25S	AM	4	5	0.16	0.00	\$1.55	0.20	0.00	\$1.94
A	6505001490098	PSEUDOEPHEDRINE HYDROCHLORIDE 30MG 24S	PG	1	1	0.07	0.00	\$0.94	0.07	0.00	\$0.94
B	6505014623025	RINGERS LACTATE INJ 1000ML 12S	EA	6	10	12.00	0.50	\$4.33	20.00	0.83	\$7.21
B	6505001394561	SODIUM BICARBONATE INJ 50ML 10S	EA	1	2	0.10	0.02	\$1.72	0.20	0.04	\$3.43
E	6505013306269	SODIUM CHL INJ .9% 1000ML 12S	EA	16	10	32.00	1.33	\$7.21	20.00	0.83	\$4.51
B	6505013308924	SODIUM CHL INJ .9% 100ML 64S	EA	4	20	0.63	0.06	\$1.89	3.13	0.31	\$9.45
B	6505012870626	SODIUM CHL INJ .9% 10ML 25S	VI	1	10	0.07	0.00	\$0.46	0.66	0.01	\$4.64
C	6505013308926	SODIUM CHL IRRIG .9% 1000ML 16S	BT	0	2	0.00	0.00	\$0.00	4.00	0.25	\$1.14
B	6505015312894	SODIUM CHLORIDE INJECTION 10ML SYR 120S	EA	10	25	1.17	0.33	\$7.54	2.92	0.83	\$18.84
B	6505006828194	TRIAMCINOLONE ACETONIDE CREAM 0.1% 15GM	TU	1	2	0.06	0.00	\$0.43	0.12	0.01	\$0.86
B	6505015242691	VASOPRESSIN INJ 20 UNITS/ML 1ML 25S	VI	1	4	0.02	0.00	\$4.31	0.09	0.02	\$17.23
B	6505011313855	VERAPAMIL HCL INJ 2.5MG/ML 2ML 5S	PG	1	2	0.04	0.00	\$2.32	0.08	0.00	\$4.64
B	6505010750679	WATER FOR IRRIGATION STER 1000ML 12S	BT	1	2	24.00	0.92	\$11.34	48.00	1.85	\$22.68
CONSUMABLE											
B	6515015186021	ADAPTER AIRWAY SINGLE PATIENT USE	EA	2	8	0.380	0.222	\$130.00	1.52	0.89	\$520.00
B	6515013311567	ADAPTER O2 NUT-NIPPLE INLET HOSE 50S	EA	3	20	0.060	0.002	\$0.04	0.40	0.01	\$0.26

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6515011732039	ADAPTER T AEROSOL THERAPY 22MM ID 50S	EA	3	10	0.090	0.009	\$0.87	0.30	0.03	\$2.91
B	6515014502021	ADMIN SET INFUSION PUMP 20S	EA	1	4	0.150	0.050	\$11.38	0.60	0.20	\$45.52
B	6515014502045	ADMIN SET INFUSION PUMP U/W MEDSYS III 50S	EA	1	10	0.060	0.020	\$9.10	0.60	0.20	\$90.98
A	6515013215211	AIRWAY KIT PERCUTANEOUS EMER ADULT 1S	EA	2	2	0.400	0.100	\$376.22	0.40	0.10	\$376.22
A	6515012598263	AIRWAY PHARYNGEAL SET INFANT-LG ADULT DISP	SE	2	2	0.400	0.110	\$53.36	0.40	0.11	\$53.36
B	6515NCM072091	AIRWAY SUPRAGLOTTIC SIZE 3	EA	1	2	0.100	0.100	\$12.00	0.20	0.20	\$24.00
B	6515NCM072090	AIRWAY SUPRAGLOTTIC SIZE 4	EA	1	2	0.100	0.100	\$12.00	0.20	0.20	\$24.00
B	6515NCM072089	AIRWAYSUPRAGLOTTIC SIZE 5	EA	1	2	0.100	0.100	\$12.00	0.20	0.20	\$24.00
B	6510011660156	APPLICATOR GLYCERIN-LEMON OIL IMPREG 4IN 75S	EA	3	20	0.040	0.000	\$0.11	0.27	0.00	\$0.70
B	8105008357212	BAG MOTION SICK 1000S	EA	3	50	0.030	0.006	\$0.51	0.50	0.10	\$8.58
B	6530015239241	BAND PERSONAL ID ADULT YELLOW PLASTIC 500S	EA	9	80	0.090	0.036	\$3.60	0.80	0.32	\$32.00
B	6510005977469	BANDAGE ADH.75X3IN 100S	EA	4	60	0.010	0.001	\$0.08	0.16	0.01	\$1.25
B	6510009355822	BANDAGE ELASTIC ROLLED ACE 4INX4.5YDS 12S	RO	3	6	0.500	0.046	\$2.15	1.00	0.09	\$4.29
B	6510000583047	BANDAGE GAUZE KERLIX 4.5IN X 4YDS 100S	RO	3	12	0.035	0.001	\$2.96	0.14	0.00	\$11.83
B	6510002011755	BANDAGE MUSLIN CAMOUFLAGE 37X37X52IN	EA	3	12	0.390	6.150	\$6.42	1.56	24.60	\$25.68
B	6530008368134	BASIN EMESIS PLAS KIDNEY 10IN DISP 250S	EA	3	8	0.120	0.012	\$0.30	0.32	0.03	\$0.81
E	6530011665112	BEDPAN PLASTIC	EA	5	4	0.080	0.025	\$2.71	0.06	0.02	\$2.17
B	6510015016024	BENZOIN TINCTURE IMPREG APPLIC IND WRAP	EA	5	20	0.500	0.500	\$1.00	2.00	2.00	\$4.00

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B	7210009356666	BLANKET CASUALTY PLAST FILM & ALUM 95X56IN	EA	1	10	0.160	0.010	\$4.23	1.60	0.10	\$42.30
B	6532015254063	BLANKET HEATING DISP 90X120CM WATER REPEL 4S	EA	2	4	1.875	0.225	\$12.50	3.75	0.45	\$25.00
E	6545009111300	BLANKET SET BED	EA	8	1	8.000	4.000	\$787.30	1.00	0.50	\$98.41
B	6515014885514	BLOOD RECIPIENT SET INDIRECT TRANSFUSION 48S	EA	1	4	0.088	0.040	\$3.39	0.35	0.16	\$13.57
B	6515014372532	CANNULA NASAL O2 CURVED TIP 7FT 50S	EA	2	20	0.040	0.030	\$0.76	0.40	0.30	\$7.60
B	6515012885438	CANNULA NASAL O2 PLAS 84IN PED 50S	EA	2	6	0.004	0.000	\$2.69	0.01	0.00	\$8.07
B	6515001490104	CATH KIT URETHRAL 16FR	EA	2	4	1.420	0.508	\$13.92	2.84	1.02	\$27.84
B	6515013909627	CATH & NDL IV 14GAX1.25IN 200S	EA	1	20	0.010	0.005	\$2.66	0.20	0.10	\$53.11
B	6515013909654	CATH & NDL IV 18GAX1.25IN 200S	EA	1	24	0.010	0.005	\$1.97	0.24	0.12	\$47.24
B	6515013909650	CATH & NDL IV 20GAX1.25IN 200S	EA	1	24	0.010	0.005	\$2.47	0.24	0.12	\$59.16
B	6515013909647	CATH & NDL IV 22GA BLUE 200S	EA	1	20	0.010	0.005	\$2.85	0.20	0.10	\$57.00
B	6515013909636	CATHETER & NDL UNIT INTRAVENOUS 24GA 200S	EA	1	20	0.010	0.005	\$2.27	0.20	0.10	\$45.46
B	6515013909643	CATHETER & NEEDLE UNIT IV 16GAGE 200S	EA	1	24	0.010	0.005	\$2.06	0.24	0.12	\$49.41
B	6508012464202	CLEANSER SKIN MEDICATED 4 FL OZ 72S	EA	2	14	0.004	0.000	\$0.03	0.03	0.00	\$0.24
B	6515015249755	CLEAN-UP KIT BLOOD AND FLUID	KT	1	8	1.250	3.000	\$10.78	10.00	24.00	\$86.24
B	6515011972946	CONNECTOR O2 TUBE ONEWAY STRT SMALL 50S	EA	3	10	0.017	0.002	\$0.39	0.06	0.01	\$1.28
B	6515009269201	CONNECTOR TUBING STRAIGHT 50S	EA	3	10	0.039	0.004	\$2.11	0.13	0.01	\$7.04

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6515015188551	CONTAINER SHARPS STORAGE	EA	1	8	0.550	0.120	\$3.23	4.40	0.96	\$25.84
B	6515013738659	COVER ELECTRONIC THERMOMETER DISP 100S	EA	22	200	0.044	0.002	\$0.88	0.40	0.02	\$7.98
B	7350009886498	CUP DISPOSABLE ROUND 8OZ PAPER WHITE 1000S	EA	8	100	0.080	0.016	\$0.34	1.00	0.20	\$4.22
B	6530000000070	CUP MEDICINE PLAS 1 OZ POLYPROPYLENE 5000S	EA	6	50	0.012	0.002	\$0.03	0.10	0.02	\$0.25
B	6515003245500	DEPRESSOR TONGUE 6X0.75X0.062IN 100S	EA	3	50	0.020	0.003	\$0.06	0.33	0.05	\$1.00
A	6515013682874	DETECTOR END-TIDAL CO2 ADULT 6S	EA	2	2	0.083	0.033	\$3.66	0.08	0.03	\$3.66
A	6515015274681	DRAINAGE UNIT PLEURAL CAVITY DRY SUCTION 6S	EA	2	2	0.667	0.629	\$96.50	0.67	0.63	\$96.50
E	6510011532857	DRESSING BURN 24X36IN STERILE ABS15S	EA	3	2	1.000	0.638	\$16.23	0.67	0.43	\$10.82
E	6510013122963	DRESSING OCCLUSIVE ADH 3INX2IN 100S	EA	10	6	0.050	0.017	\$0.18	0.03	0.01	\$0.11
B	6510011018936	DRESSING OCCLUSIVE ADH CLEAR 3X2IN 100S	EA	2	28	0.017	0.001	\$1.27	0.24	0.01	\$17.84
B	6510015064604	DRESSING PRESSURE FIELD PAD 7.5X8IN	EA	2	20	1.100	0.220	\$8.48	11.00	2.20	\$84.80
B	6510015064608	DRESSING PRESSURE FIELD PAD 11.75X11.75IN	EA	2	8	1.100	0.220	\$12.56	4.40	0.88	\$50.24
B	6515015092920	ELECTRODE SET 12-LEADS ECG 6/PK 100S	PK	2	4	0.004	0.002	\$1.92	0.01	0.00	\$3.84
B	6515014502077	EXTENSION SET IV ADMIN 2 COMP 100S	EA	2	20	0.100	0.020	\$5.78	1.00	0.20	\$57.83
A	6515014705735	EXTENSION SET IV ADMINISTRATION 100S	EA	2	2	0.100	0.020	\$6.60	0.10	0.02	\$6.60
B	6515015257142	FILTER EXHALATION UNIVERSAL HEPA	EA	3	18	3.750	2.550	\$45.00	22.50	15.30	\$270.00

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6515015099417	FILTER MEDIA SUCTION CANNISTER 10S	EA	2	6	0.400	0.220	\$14.29	1.20	0.66	\$42.86
B	6510002020800	GAUZE PETROLATUM ACCORDION 18X3IN 12S	EA	3	10	0.110	0.006	\$3.85	0.37	0.02	\$12.83
A	6515011534971	GEL ELECTRODE EKG CLEAR SALT FREE 8 OZ 12S	EA	1	1	0.038	0.001	\$3.00	0.04	0.00	\$3.00
A	6515005293346	GEL TRANSMISSION ULTRASOUND 250ML 12S	ML	1	1	0.639	0.014	\$3.34	0.64	0.01	\$3.34
B	6515014618929	GLOVE EXAM LG NITRILE 100S	EA	19	424	0.380	0.095	\$2.00	8.48	2.12	\$44.52
B	6515014618933	GLOVE EXAM M NITRILE 100S	EA	19	400	0.253	0.032	\$3.27	5.32	0.68	\$68.92
B	6515011498842	GLOVES SURG SZ 8 RUBBER 50S	PR	4	10	0.365	0.038	\$2.94	0.91	0.10	\$7.35
B	6532001178247	GOWN HOSPITAL PATIENT UNIVERSAL SIZE	EA	2	4	1.540	0.170	\$12.32	3.08	0.34	\$24.64
B	6532013730150	GOWN HOSPITAL PERSONNEL LARGE	EA	2	10	0.125	0.001	\$2.11	0.63	0.00	\$10.53
B	8520007823554	HAND CLEANER 2000S	EA	6	50	0.005	0.000	\$0.10	0.04	0.00	\$0.81
B	6515011767576	HANDLE SUCTION SURG RIGID SUCT 50S	EA	2	12	0.002	0.000	\$0.03	0.01	0.00	\$0.21
A	6515012166269	HEAT EXCHANGE MOISTURE MED 15MM X 22MM 50S	EA	3	3	0.160	0.062	\$13.89	0.16	0.06	\$13.89
B	6515013381838	HUMIDIFIER INHALATION THERAPY HUDSON 34 20S	EA	3	14	3.000	0.165	\$5.23	14.00	0.77	\$24.40
B	6515014164032	INTRAVENOUS INJ SET 20DROP/ML STER DISP 100S	EA	1	10	0.035	0.005	\$1.20	0.35	0.05	\$11.96
B	6515011050614	INTRAVENOUS INJ SET MACRO 15 DROPS/ML 50S	EA	1	10	0.100	0.020	\$1.61	1.00	0.20	\$16.07
B	6515014721863	INTRAVENOUS INJECTION SET 10 DROP/ML 70IN 48S	EA	1	10	0.011	0.003	\$0.95	0.11	0.03	\$9.53
E	6515014844182	IRRIGATION KIT CATHETER- NASOGASTRIC TUBE 20S	EA	3	2	0.060	0.006	\$16.50	0.04	0.00	\$11.00

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6515015178098	KIT CATH SUCT 8 FR CATH-N- GLOVE W/BASIN 100S	EA	2	10	0.020	0.000	\$6.60	0.10	0.00	\$33.00
B	6515001103420	MASK ORONASAL ADULT MALE 50S	EA	1	4	0.003	0.000	\$1.03	0.01	0.00	\$4.13
B	6515012154177	MASK ORONASAL ADULT W/O2 INLET 15MM ADAPT	EA	1	2	0.190	0.037	\$9.83	0.38	0.07	\$19.66
B	6515012821194	MASK ORONASAL HUDSON ADULT MALE 50S	EA	1	4	0.120	0.011	\$2.36	0.48	0.04	\$9.43
B	6515012563257	MASK ORONASAL INF MALE CONN LATEX CUSH 20S	EA	1	4	0.090	0.050	\$3.15	0.36	0.20	\$12.62
B	6515014549342	MASK SURG CLEAR FLUID SHIELD W/2IN EXT 100S	EA	9	20	0.360	0.063	\$13.77	0.80	0.14	\$30.60
B	6515011405336	MASK TRACH ANATOM SHAPED PED 50S	EA	1	2	0.050	0.014	\$1.47	0.10	0.03	\$2.93
B	6515009154141	MASK TRACH COLLAR SHAPED ADLT AIRLIFE 50S	EA	3	4	0.120	0.042	\$3.86	0.16	0.06	\$5.14
B	6515012149405	NEBULIZER MEDICINAL DISPOSABLE 50S	EA	1	2	0.030	0.000	\$0.92	0.06	0.00	\$1.84
B	6515015253045	NEEDLE HYPO SAFETY GLIDE 18GAX1.5IN 500S	EA	7	20	0.012	0.002	\$2.80	0.03	0.00	\$8.00
B	6515015252929	NEEDLE HYPO W/SHIELD 21GAX1.5IN 500S	EA	7	20	0.026	0.004	\$2.80	0.07	0.01	\$8.00
A	6515013101813	NEEDLE I/O INFUSION 18GAX4CM	EA	2	2	0.020	0.002	\$51.60	0.02	0.00	\$51.60
B	6515013134853	NEEDLE PARTICULATE FILTR 19GA 5-MICRON 100S	EA	3	23	0.005	0.000	\$0.95	0.03	0.00	\$7.31
B	6510007755706	PAD ABDOMIN 7.5X8IN 3LAYERS STER SEAL PG 240S	EA	2	16	0.117	0.017	\$0.37	0.93	0.13	\$2.97
E	6530013667671	PAD BED LINEN NONWOVEN PLAS 23X36IN 150S	EA	29	20	4.253	0.657	\$13.58	2.93	0.45	\$9.36
B	6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED 200S	EA	31	180	0.045	0.031	\$0.37	0.26	0.18	\$2.16

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
B	6515014430565	PADS ELECTRODE DEFIB ADULT ZOLL 1PR	PR	2	3	1.100	0.240	\$100.00	1.65	0.36	\$150.00
B	6515015093389	PAPER ECG RECORD U/W ZOLL M-SERIES DEFIB 10S	RO	1	2	0.800	0.120	\$2.80	1.60	0.24	\$5.60
B	8540005303770	PAPER TOILET 1LBS/500 SHEETS 24X36IN 96S	RO	1	4	0.104	0.031	\$0.49	0.42	0.13	\$1.97
B	6515014850270	PIGGYBACK ADDITION DISP FLUID PIN CONNEC 200S	EA	1	6	0.001	0.001	\$0.63	0.00	0.01	\$3.78
B	6515001376345	PLUG EAR NOISE PROTECT UNIV SZ FOAM 400S	PR	16	50	0.160	0.032	\$2.31	0.50	0.10	\$7.21
A	6515012348977	RAZOR SURG PREP STER DISP 50S	EA	4	4	0.148	0.016	\$0.11	0.15	0.02	\$0.11
B	6532014590428	RESPIRATOR AIR FILTERING 1 MICRON 210S	EA	14	40	0.017	0.001	\$0.16	0.05	0.00	\$0.46
B	6532014502057	RESPIRATOR AIR FILTERING INFECT CONTROL 35S	EA	14	40	0.100	0.006	\$33.99	0.29	0.02	\$97.11
A	6515014764542	RESUSCITATOR HAND OP RESER & MSK ADLT 10S	EA	2	2	0.360	0.036	\$40.90	0.36	0.04	\$40.90
B	7210001396376	SHEET BED FLAT NONWOVEN FABRIC AQUA 100S	EA	8	10	0.800	0.140	\$8.34	1.00	0.18	\$10.43
B	6510001489770	SPONGE SURG CELLUL 2/ENV 4X4IN 1200S	EA	16	60	0.247	0.041	\$1.46	0.93	0.15	\$5.49
B	6510000584421	SPONGE SURG GAUZE 2X2IN 2/ENV STER 3000S	EA	9	29	0.011	0.004	\$0.27	0.04	0.01	\$0.87
G	6515010357962	STOPCOCK INTRAVENOUS THERAPY 3 WAY 50S	EA	2	0	0.040	0.004	\$2.04	0.00	0.00	\$0.00
B	7350004441323	STRAW DRINKING 400S	EA	8	30	0.022	0.004	\$0.06	0.08	0.02	\$0.23
A	6515011378470	STYLET CATH-TUBE 11.75 .047 OD MALLE 20S	EA	2	2	0.040	0.007	\$6.11	0.04	0.01	\$6.11
B	6515013948327	STYLET TRACH TUBE 7.5-10MM PLAS DISP 10S	EA	2	4	0.420	0.004	\$6.72	0.84	0.01	\$13.44
B	6515011243915	SUCTION SET TRACH TRI-FLO CATH 14FR 22IN 100S	EA	2	20	0.100	0.020	\$1.50	1.00	0.20	\$15.01

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
E	6515012066029	SUPPORT ARM BLD&FLUID CHILD W/COVERS 60S	EA	6	4	1.000	0.100	\$7.46	0.67	0.07	\$4.97
B	6530011464262	SURGICAL PACK DISP DELIVERY ROOM 4S	EA	1	2	4.000	0.525	\$14.93	8.00	1.05	\$29.87
B	6520004090426	SWAB DEN GENTLY ABRASIVE PLYSTR FOAM 1000S	EA	3	20	0.002	0.000	\$0.12	0.02	0.00	\$0.81
B	6515014923276	SYRINGE & NEEDLE HYPO SAFETY 25GAX .5IN 400S	EA	2	15	0.009	0.001	\$1.10	0.07	0.01	\$8.25
E	6515012451871	SYRINGE CARTRIDGE 3IN CLEAR PLAS 2MM 50S	EA	2	1	0.080	0.040	\$0.24	0.04	0.02	\$0.12
B	6515013568511	SYRINGE HYPO GP 10ML LUER LOCK STER 400S	EA	1	16	0.030	0.004	\$0.00	0.48	0.06	\$0.01
E	6515013520446	SYRINGE HYPO GP 60ML LUER TIP W/O NDL 120S	EA	5	4	0.625	0.079	\$0.02	0.50	0.06	\$0.02
B	6515004627348	SYRINGE HYPODERMIC 3ML LUER LOCK DISP 100S	EA	8	20	0.090	0.080	\$0.50	0.23	0.20	\$1.25
B	6515015232430	SYRINGE INSULIN SAFE 28GAX1/2IN 5ML 400S	EA	4	5	0.050	0.015	\$2.50	0.06	0.02	\$3.13
B	6515010450029	SYRINGE IRRIG BULB TYPE 3OZ CAP 5IN DISP 50S	EA	1	2	0.221	0.020	\$1.21	0.44	0.04	\$2.42
B	6510009268882	TAPE ADH SURG POROUS WOVEN 1INX10YD 12S	RO	1	12	0.167	0.008	\$1.02	2.00	0.10	\$12.25
B	6510009268884	TAPE ADH SURG WOVEN 3INX10YD 4S	RO	1	2	0.300	0.013	\$4.82	0.60	0.03	\$9.65
A	6530014657011	TAPE MEASURING PED RESUS BROSELOW 5S	EA	1	1	0.110	0.003	\$24.00	0.11	0.00	\$24.00
A	8540007935425	TISSUE FACIAL 2-PLY 36X24IN WHITE 100/BX 12S	EA	2	2	0.006	0.003	\$0.01	0.01	0.00	\$0.01
B	6515014615798	TOURNIQUET NONPNEUM VACUTAINER 1INX18IN 25S	EA	3	22	0.047	0.002	\$0.98	0.34	0.01	\$7.15
B	6510012798279	TOWELETTE BENZALKONIUM CHL 7.25X5.25 1000S	EA	16	50	0.030	0.016	\$0.44	0.25	0.05	\$1.37

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Appendix B FFQDM Inventory

STATUS	NSN	NOMEN	UM/ UI	ESP QTY	AS QTY	ESP WGT	ESP CUBE	ESP COST	AS WGT	AS CUBE	AS COST
A	6515012198567	TRAY TRACHEOSTOMY CLEANING STER BAG 20S	EA	2	2	0.500	0.100	\$10.76	0.50	0.10	\$10.76
A	6515013632512	TUBE ASSEMBLY INHALER 72IN CUFF 15S	EA	2	2	0.667	0.200	\$8.62	0.67	0.20	\$8.62
B	6515011665076	TUBE ENDOTRACHEAL MURPHY UNCUFF 3.0MM 10S	EA	2	4	0.100	0.030	\$10.10	0.20	0.06	\$20.20
B	6515001490316	TUBE STOMACH SURG SALEM 16FR 50S	EA	4	8	0.320	0.056	\$9.13	0.64	0.11	\$18.25
B	6515013441125	TUBE TRACH MAGILL/NAS/ORAL W/O CUFF 5MM 10S	EA	1	4	0.045	0.010	\$3.28	0.18	0.04	\$13.13
B	6515001050720	TUBE TRACH MURPHY 6.0MM OD 10S	EA	1	4	0.100	0.005	\$2.12	0.40	0.02	\$8.48
B	6515001050744	TUBE TRACH MURPHY 7.0MM OD 10S	EA	1	4	0.100	0.005	\$2.49	0.40	0.02	\$9.98
B	6515001050759	TUBE TRACH MURPHY 8.0MM OD 10S	EA	1	4	0.100	0.005	\$2.04	0.40	0.02	\$8.16
B	6515012123137	TUBE TRACHEAL MURPHY PED 16FR 10S	EA	1	4	0.067	0.004	\$3.10	0.27	0.02	\$12.40
B	6515005628308	TUBING O2 FORCE-FIT 72IN PLASTIC 50S	EA	3	16	0.270	0.054	\$4.24	1.44	0.29	\$22.61
E	6515011011948	TUBING SURG FUNNEL TAPER NONCONDUCTIV 100FT	FT	14	12	0.560	0.073	\$3.57	0.48	0.06	\$3.06
B	4510013790177	URINAL BAG DISPOSABLE	EA	2	8	0.040	0.004	\$2.98	0.16	0.02	\$11.92
B	6530010422485	URINAL MALE PATIENT PLAS DISP 50S	EA	5	8	1.250	0.650	\$2.60	2.00	1.04	\$4.16
B	6515012768006	VALVE ANTI-REFLUX NAS/GASTR ONE WAY 10S	EA	3	8	0.300	0.150	\$20.34	0.80	0.40	\$54.23
B	6515009269150	VALVE DRAIN HEIMLICH 4.50IN 1IN DIA 10S	EA	2	4	0.012	0.005	\$27.94	0.02	0.01	\$55.88
B	6515015007637	VALVE PORT NEEDLE-FREE 1.2IN LUER LOCK 100S	EA	3	52	0.005	0.010	\$4.05	0.09	0.17	\$70.20
B	6515013883857	VALVE POS END EXPIR PRESS VENT 10S	EA	2	4	0.060	0.001	\$2.09	0.12	0.00	\$4.18

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Appendix B FFQDM Inventory

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B	7210010132824	WASHCLOTH HOSPITAL PATIENT DISPOSABLE 1000S	EA	4	100	0.060	0.006	\$0.29	1.50	0.16	\$7.24
G	6840015009521	WIPES DISINFECTANT GERMICIDAL6.75X6 12S	EA	2	0	0.375	0.042	\$18.12	0.00	0.00	\$0.00
DURABLES											
B	6530013416077	BAG BIOHAZ RED BLACK BIOHAZ SYMB 25X35IN 200S	EA	6	10	0.06	0.00	\$5.04	0.10	0.01	\$8.40
B	8105011839768	BAG PLASTIC 39X33IN 33 GAL 30 LB LOAD 125S	EA	4	20	0.26	0.01	\$0.59	1.28	0.06	\$2.96
C	6135008357210	BATTERY NONRECHARGEABLE 1.5 VOLT D-CELL 12S	EA	0	8	0.00	0.00	\$0.00	2.33	0.02	\$6.56
E	6135009857845	BATTERY NONRECHARGEABLE 1.5V CELL AA 24S	EA	16	8	0.07	0.00	\$3.21	0.03	0.00	\$1.61
B	6135009002139	BATTERY NONRECHARGEABLE 9V 12S	EA	1	4	0.01	0.00	\$0.89	0.03	0.00	\$3.57
A	6530011726990	DISPOSAL CONTAINER HYPODERMIC 60S	EA	2	2	0.10	0.01	\$3.02	0.10	0.01	\$3.02
B	6230015179944	FLASHLIGHT EXAM DISPOSABLE 10S	EA	1	2	0.28	0.02	\$0.21	0.55	0.04	\$0.42
B	6240014349656	LAMPFLUORESCENT	EA	2	4	0.02	0.02	\$44.54	0.04	0.04	\$89.08

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REPORT DOCUMENTATION PAGE

The public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB Control number. **PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.**

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12 DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution is unlimited.
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13. SUPPLEMENTARY NOTES

14. ABSTRACT (maximum 200 words) <p>The U.S. Air Force Medical Support Agency, Surgeon General Support Logistics Office requested Naval Health Research Center conduct a proof-of-concept study to assess the validity and feasibility of using NHRC's medical modeling tool, the Estimating Supplies Program (ESP), for the development and management of Air Force medical Allowance Standards as a baseline for standardization throughout the services.</p> <p>The primary objective of this study was to provide the Air Force with the ability to validate the clinical requirements of the Aeromedical Evacuation In-Flight Kit. The Air Force Allowance Standard addresses the equipment, medicines, consumables, and durables required for an Aeromedical Evacuation Crew mission.</p> <p>The method is to create an appropriate patient stream consisting of injuries and illnesses likely to be managed, as set out in the mission Concept of Operation of this Unit Type Code. Using the relational database, clinical tasks can be mapped to each condition. Once the tasks and patient conditions (PCs) are mapped to one another, supplies can be associated to tasks, and the lists of equipment, medications, durables, and consumables can be assessed for suitability. A subject matter expert panel reviews and evaluates each step of this process to ensure every inventory line item meets operational and clinical needs.</p> <p>The ESP database of medical task and supply profiles was used as a template to identify PCs appropriate to this capability and to match supplies to clinical tasks, medical equipment.</p>

15. SUBJECT TERMS Aeromedical Evacuation, In-Flight Care, EMEDS

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