

Welcome to the Army Worldwide Food Service Workshop



Field Food Service Equipment Update

Presented by: Mr. Wardell Carey

**Army Center of Excellence, Subsistence
Facilities & Equipment Division**



Mission



Dining Facility Design

Equipment Schedules



Equip. Funding For MCA Projects



Field Food Service Equipment





Topics

- Modern Burner Unit upgrades (MBU)
- Power Converter upgrades
- Maintenance Levels
- Quality Deficiency Report (QDR) Standard Form 368
- Insulated Food Container (IFC) with Polycarbonate inserts
- Mobile Kitchen Trailer -Improvement (MKT-I)
- MKT-Rebuild program status
- Kitchen Company Level Field Feeding – Enhancement (KCLFF-E)
- Assault Kitchen (AK)
- Food Sanitation Center-1 (FSC)
- Food Sanitation Center-2 status
- Containerized Kitchen (CK) upgrades
- Multi Temperature Refrigerator Containerized System (MTRCS)
- Battle Field Kitchen (BK) status



Modern Burner Unit

- New MBU Version 3
- NSN 7310-01-507-9310
- Reduced Low end heat & noise by 50%.
- Fuel block changed
- Control panel changed





Power Converter

- New Power Converter
- NSN 7310-01-502-9310

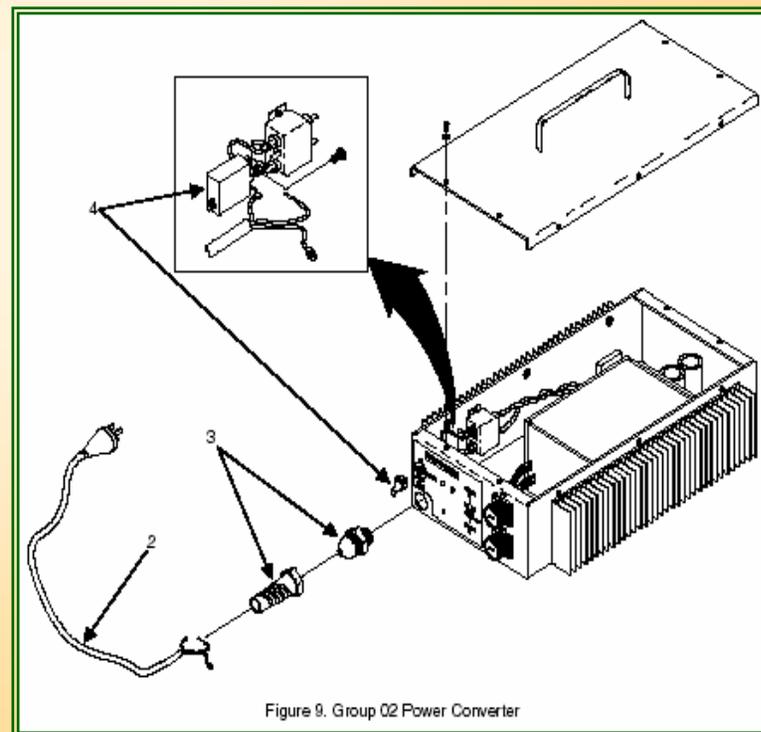


Figure 9. Group 02 Power Converter



Maintenance Levels

LEVEL	UNIT	DIRECT SUPPORT	GENERAL SUPPORT	DEPOT
WHO	<ul style="list-style-type: none"> ✓ Operator ✓ Crew ✓ Unit maintenance personnel ✓ Operator/Maintainer 	<ul style="list-style-type: none"> ✓ DS maintenance units ✓ Installation support maintenance shops ✓ Host nation support 	<ul style="list-style-type: none"> ✓ GS maintenance units ✓ Specialized repair activities ✓ Installation support maint shops 	<ul style="list-style-type: none"> ✓ Predominately Army material Command (AMC) ✓ Commercial contractors ✓ Host nation Spt
WHERE	<ul style="list-style-type: none"> ✓ Breakdown site ✓ Equip. location ✓ Unit maintenance collection point 	<ul style="list-style-type: none"> ✓ Mobile maint shops ✓ Fixed shops at installation /units ✓ Equip. location breakdown site ✓ Div, Corp, & maint collection points 	<ul style="list-style-type: none"> ✓ Fixed/ semi-fixed maint facilities ✓ Installation maint shops ✓ Equip. location 	<ul style="list-style-type: none"> ✓ Fixed plant type facilities ✓ On site, by exception ✓ CONUS and selected theaters
WHAT	<ul style="list-style-type: none"> ✓ PMCS ✓ Inspection by sight & touch ✓ Lubricating, preserving, cleaning, replacing, & minor adjustments authorized by MAC 	<ul style="list-style-type: none"> ✓ Diagnose & isolate components & assembly malfunctions ✓ Adjust, calibrate, & align component & assembles ✓ Replace comp, modules, assemblies & piece parts 	<ul style="list-style-type: none"> ✓ Diagnose & isolate eqt comp & assembly malfunctions to the internal piece level ✓ Adjust, calibrate, align, & repair comp & assemblies 	<ul style="list-style-type: none"> ✓ Overhaul of comp & end items ✓ Repair end items, comp, assemblies, & modules to original manufactured tolerances/specs (rebuild)



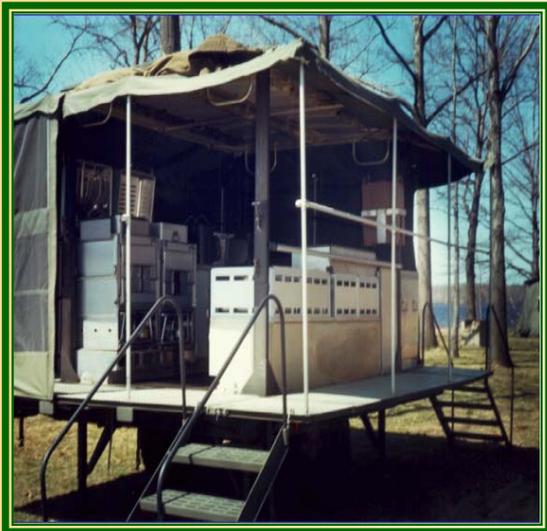
Insulated Food Container (IFC)

- Replaces current mental Insulated food container
- Contains three 1/3 size 6" Deep stainless steel pans with covers and gaskets
- 11-1/4" deep NSN 7360-01-452-0686
- 11-1/4" deep NSN 7360-01-408-4911

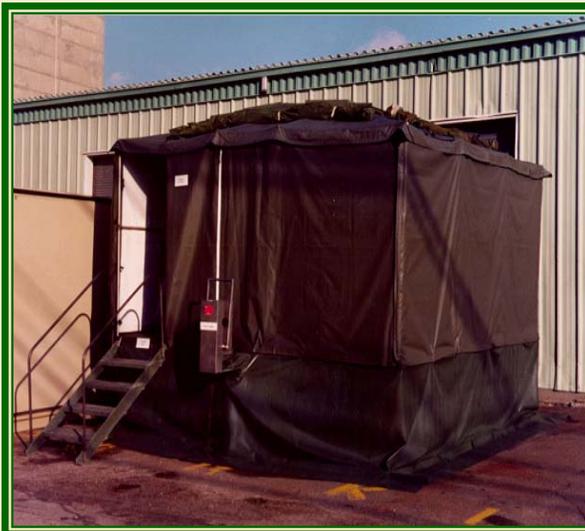




Mobile Kitchen Trailer (MKT)



MKT



MKT Improve



MKT Rebuild



MKT Rebuild Program



- ✓ Army G-4 provides funding for the program.
- ✓ Work with Army G-3 in determining priorities.
- ✓ Product Manager-Soldier Support overall manager of program.
- ✓ Gaining Units/Installations: Determine priority of units for the program; Conduct nomination procedures & inspections for candidate MKTs in accordance w/SOP; Arrange transportation of MKTs to rebuilt facility.



Kitchen Company Level Field Feeding - Enhanced (KCLFF-E)

- Capability – H&S & Limited A's 150
- Cooks on Ground
- No Refrigeration or Sanitation Capability





Assault Kitchen

- Replaces the current KCLFF on a 1:1 basis
- Provides a hot prepared meal to soldiers in forward areas and remote sites
- Heat on the move capability
- Feeds company-sized element within 60 min of arrival
- Supports single fuel on the battlefield
- Requires HMMWVs and HMTs for mobility





Food Sanitation Center (FSC)



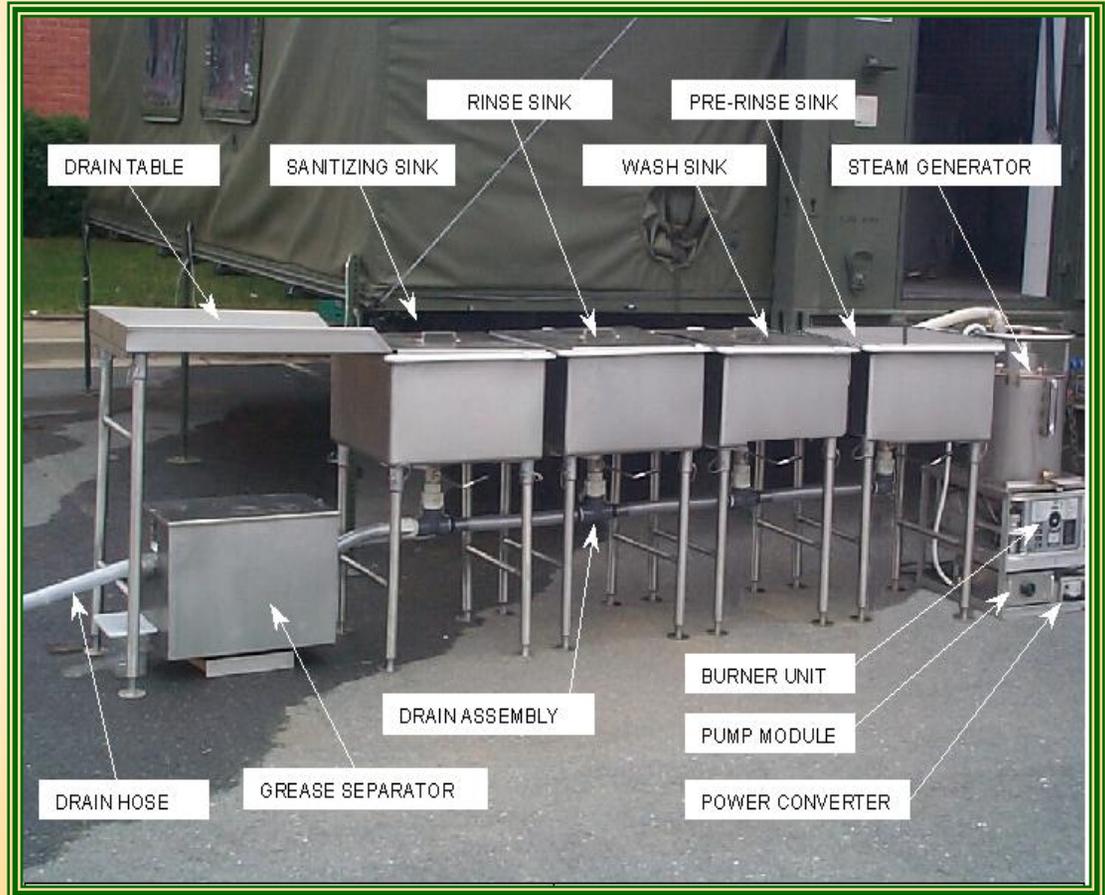
Current
Sanitation
Center
being used



Food Sanitation Center



- Three sink sanitation Process
- Single burner operation
- Steam generator for water heating
- Spray washer
- Commercial drying / Storage racks
- Drain tables & work tables
- Wash water treatment
- Housed inside MGPTS tent





Containerized Kitchen (CK)

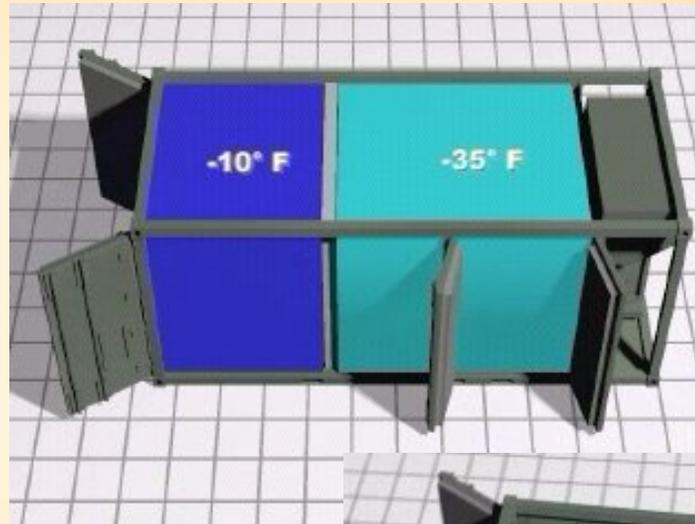
- Partially replaces Mobile Kitchen Trailer on a one-for-two basis
- Commercial kitchen equipment
- Provides a mobile, modern, efficient kitchen serving up to 800 meals 3x daily.
- Cost to field is approximately \$150,000
- Reduces overall footprint
- Improved efficiency, safety & comfort of working environment





Multi Temperature Refrigerator Containerized System (MTRCS)

- Flexibility for transporting fresh & frozen
- Provides refrigeration on the move (current system does not)
- Moveable partition
compartment volume can be adjusted to the load
- 8x8x20 ISO container w/
multi-temperature capabilities
- Stores 2 days rations for 800 soldiers

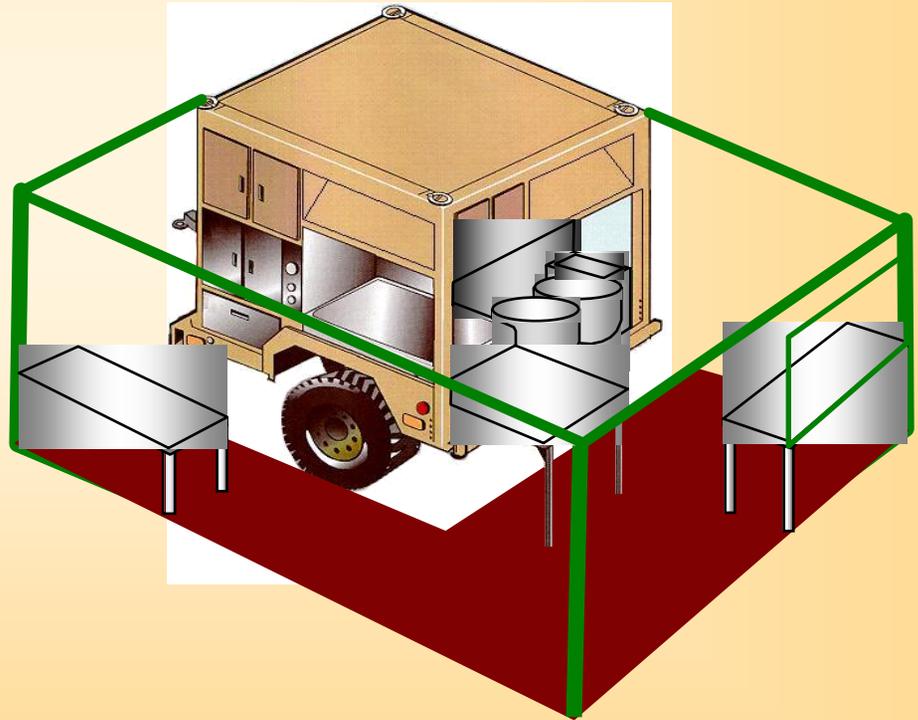




Battlefield Kitchen (BK)



- Provide a complete, mobile, integrated feeding system serving up to 400 soldiers up to 3 hot meals daily.
- Integrated sanitation
- Integrated refrigeration
- Enhanced food preparation area
- Co-generation to provide electrical power
- Integrated water production/recycling capability
- Goal: By 2025 BK replaces field kitchens
- ORD for World Wide Staffing 4QFY02





Quality Deficiency Report Standard Form 368



GET DISPOSITION INSTRUCTION FOR CREDIT.

REPLACEMENT OR REPAIR OF DEFECTIVE EQUIPMENT.

HELP STOP REPEAT SHIPMENTS OF DEFECTIVE EQUIPMENT.

IMPROVE THE PERFORMANCE AND MAINTANCE OF EQUIPMENT.

FOOD SERVICE FLASHER 97-3 LISTED ADDRESSES TO SEND QDRs FOR ACTION.



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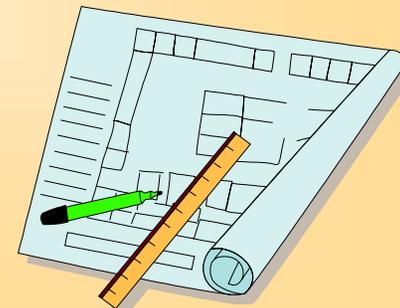
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www.quartermaster.army.mil/aces





QUESTIONS & ANSWERS