

Mobile Kitchen Trailer - Improvement (MKT-I)

PM - Soldier Support

Status/Key Issues

- **Fifteen prototype MKTI kits fielded**
 - 5 initial prototypes for evaluation
 - Fort Hood, NTC (2), JRTC, Massachusetts NG
 - 2 procured for V Corps in Germany
 - 1 kit at Fort Drum evaluated in JCF AWE Sep 00
 - 7 kits procured for 94th RSC
- **Approved changes made to MKT TDP**
- **MKT TM revised**
- **MKTI kit and individual components available for requisition**



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No.	Item	P/N or NSN	Qty.
1	Griddle assy.w/4-inch flange	7360-01-476-6715	1
2	Grease funnel assy. for above griddle	7360-01-476-6723	1
3	Can opener, mounted	7330-01-411-9788	1
4	Can opener adapter	7330-01-476-6657	1
5	Chest, ice storage	4110-01-452-7317	1
6	Lamp, fluorescent, set	6230-01-465-8931	1 pr
7	Light set hangers	P/N 3955T334CAGE 1BD74	4
8	Extension cord	6150-01-374-4603	1
9	Exhaust fan assy.	7360-01-476-6635	1
10	Duplex outlet and cable assy.	5975-01-476-7146	1
11	Rubber floor matting, MKT-I, Center	7220-01-476-6674	1
12	Rubber floor matting, MKT-I, Front/Rear	7220-01-476-6860	2
13	Rubber floor matting, MKT-I, Sides	7220-01-476-6861	2
14	Screen assy., end large MKT-I	5411-01-476-7130	2
15	Screen assy., end small MKT-I	5411-01-476-7132	2
16	Screen assy., side MKT-I	5411-01-476-7140	2
17	Cover, end, large, MKT-I	5411-01-476-7134	2
18	Cover, end, small, MKT-I	5411-01-476-6862	2
19	Cover, side assy., MKT-I	5411-01-476-6663	2
20	Roof canopy assy., MKT-I	5411-01-476-7136	2
21	Travel cover assy., left side, MKT-I	5411-01-476-7144	1
22	Travel cover assy., right side, MKT-I	5411-01-476-7145	1
23	Travel cover assy., rear, MKT-I	5411-01-476-7143	1
24	Travel cover assy., front, MKT-I	5411-01-476-7141	1
25	Cold weather skirt assy., roadside	5411-01-476-6678	1
26	Cold weather skirt assy., curbside	5411-01-476-6703	1
	Manuals		
	Technical Manual - TM 10-7360-206-13		
	Technical Manual – TM 9-2330-213-14&P		
	MKT-I Kit (Complete)	7360-01-469-5482	1

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110V electrical outlet for lights and fan



Mobile Kitchen Trailer - Improvement (MKT-I)

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Exhaust fan, electric lighting, griddle



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New griddle



Mobile Kitchen Trailer - Improvement (MKT-I)

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Heating duct, floor mats



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Exhaust fan, lighting, griddle, floor mats



Containerized Kitchen (CK)

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System Description

MISSION:

Provide a mobile field kitchen capable of supporting 800 soldiers with up to three hot meals per day



CHARACTERISTICS

- Existing Mil Std & commercial kitchen equipment & components
- Integrated into an expandable 20' container
- Mounted on new dedicated trailer
- Pulled by a 5 Ton FMTV cargo truck

SPECIAL FEATURES

- Modern Burner Units
- 10kW generator on-board
- Refrigerated storage on-board
- Environmental control provided for improved comfort
- Running water provided

CAPABILITY IMPROVEMENTS

- Replaces Mobile Kitchen Trailer on a one-for-two basis
- When compared to the MKT
 - Reduces footprint
 - Improves safety and efficiency
 - Better working environment
 - More sanitary conditions

CONTRACT INFORMATION

- SFA Frederick Manufacturing Division, Frederick, MD
- Contract ends Mar 04
- Reprocurement to complete AAO

Containerized Kitchen (CK)

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Associated Equipment Savings

Current

2 - MKT

2 - 2.5 or 5ton

2 - Water Buffalo

2 - FSC w Tents



***Find open pintle
or shuttle 2 water**

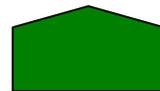
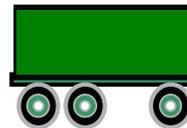
With CK

1 - CK

1 - MTV, 1- 5ton

2 - Water Buffalo

1 - FSC w Tent



***Find open pintle
or shuttle 1 water**

IBCT (objective)

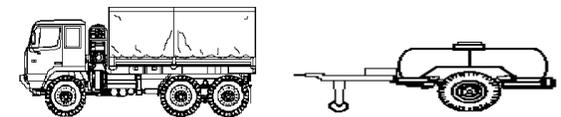
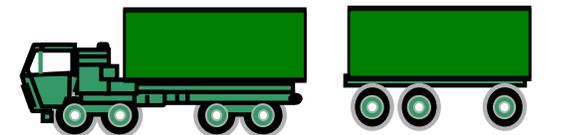
1 - CK

1 - LHS w MTRC

1 - MTV

1 - Camel

1 - FSC



100% Mobility

Containerized Kitchen (CK)

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Status/Key Issues

- **Preparing for combined TC Standard-Materiel Release decision**
- **Revised Materiel Fielding Plan planned for release Mar 01**
- **Fielding in accordance with HQDA distribution list**
- **Only going to units where consolidation of food service is operationally suitable**
- **Fielding to Fort Lewis in Aug 01 (IBCTs +)**
- **Must be fielded with MTV 5 ton truck**
 - **Older 5 tons and LMTV do not have enough towing capacity**



Containerized Kitchen (CK)

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CK and 5 ton MTV – Fort Bragg, NC Apr 00



Containerized Kitchen (CK)

PM - Soldier Support

CK Setup – Fort Bragg, NC Apr 00



Containerized Kitchen (CK)

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CK Food Preparation Area and Serving Line



Containerized Kitchen (CK)

PM - Soldier Support

CK Food Preparation Area



Containerized Kitchen (CK)

PM - Soldier Support

JCF AWE Fort Polk, LA Sep 00



Containerized Kitchen (CK)

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JCF AWE Fort Polk, LA Sep 00



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Benefits of Increasing CK AAO

Current AAO = 267



450 Target AAO

What will increasing the AAO by 183 CKs do?

Free up 366 MKTs

Eliminate need for 183 FSCs

= \$6.1M

Eliminate need for 1464 MBUs*

= \$2.0M

Eliminate need for 183 MTVs

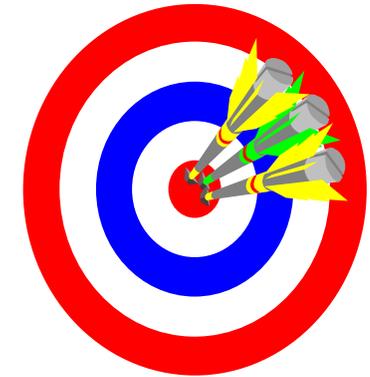
= \$45.7M

Total Cost Avoidance

= \$53.8M

CK AAO Increase Cost

= \$27.5M



**CK pays
for itself!**

* Each CK replaces 2 MKT's & 1 FSC. Saves 8 MBUs net.

Note: Cost avoidance/savings does not include any potential personnel or life cycle cost savings