

# MINNESOTA ARES®



## EMERGENCY COMMUNICATIONS

# SOP 6-E-001

## Attachment 2

# ARESMA T Duty Kits

**April 11, 2010**

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**General**

ARESMT members are encouraged to meet the following standard in setting up their Duty Kits for deployment. These Duty Kits are designed to be base starting points, and their contents will need to be adjusted to meet each specific scenario for which you are deployed. In order to keep these kits to manageable sizes, we have designed several kits for specific uses. The kits are set up as follows;

- Duty Kit “B”    Basic Essentials
  - This kit contains the basic essentials that individuals would need to have on-hand to support themselves for up to 48 hours of operation.
- Duty Kit “H”    HF Operations
  - This kit is designed to support HF operations at a deployed location such as a health and welfare station.
- Duty Kit “M”    Mobile Operations
  - This is the most common kit that will be used, and is for direct support of mobile operations. It is designed to provide the necessities for operations using one mobile radio and a handi-talkie as backup.
- Duty Kit “N”    Net Control/Shelter Operations
  - This kit is set up to enable an operator to perform net control duties at a deployed location. The most common assignment requiring this would be shelter communications.
- Duty Kit “S”    Shadow Operations
  - This kit supports an individual that is performing shadow operations at an incident scene using a hand held radio.
- Duty Kit “X”    Extended Support
  - This kit is set up to provide an operator with the basic necessities for extended operations lasting longer than 48 hours and for out-of-state operations. It is also a very good emergency kit to keep in your vehicle for operations during the winter months.

4/11/2010  
Date



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1. Duty Kit “B”

Asset	Qty	Notes
Fresh Water	2 qts	
Snacks	1	Power bars, trail mix, dried fruit, etc.
First Aid Kit	1	Sealed
Extension Cord	1	110 volt – 25 foot
All-Purpose Paper	1 roll	Also known as toilet tissue
Towel	1	Bath Size
Multi-Tool	1	Leatherman, Gerber, etc.
Flashlight	2	1-small, 1-large w/batteries
Nylon Cord	100 ft	1/8” parachute cord
Safety Goggles	1	
Leather Gloves	1 pair	
Leather Boots	1 pair	
Hard Hat	1	
Reflective Vest	1	
Ball Cap	1	
Rain Coat/Poncho	1	
Stocking Cap	1	
Socks	2 pair	
Light Stick	2	
Space Blanket	1	
Matches	1	Waterproof

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Medication Pouch	1	Tylenol, Ibuprofen, Benadryl, Pepto, Imodium
Topical Lotion Pouch	1	Insect repellent, sun screen, Chap Stick, Hydrocortisone Cream
Portable AM-FM-Weather Radio	1	w/batteries
Garbage Bags	4	2 large, 2 small
Tape	3 rolls	2-electrical, 1-duct
Spending Cash	1	2 dollars change, 10 dollars paper
ARESMAT Binder	1	ARES Emergency Operations Plan Contact List Log Sheets Net Control Script NTS Forms NTS Instructions County Street Maps Notebook/Blank Writing Paper
Pens/Pencils	1 set	2 ball point pens, 4 pencils
Marker Pens	1 set	yellow/red/blue/green/orange/black
Erasers	1	large
ARES ID Card	1	
Driver's License	1	
FCC License	1	

**Table 2-1 ARESMAT Basic Essentials (Duty Kit B)**

2. Duty Kit “H”

Asset	Qty	Notes
HF Radio	1	
Power Supply	1	
Antenna Tuner	1	
Microphone	1	
Headset	1	
Coax Kit	1	3ft RG-8X 6ft RG-8X 10ft RG-8X 25ft RG-8X 100ft LMR-400
Antenna Mast Kit	1	
HF Antenna	1	

Table 2-5 ARESMAT HF Kit (Duty Kit H)

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3. Duty Kit “M”

Asset	Qty	Notes
Dual Band Handi Talkie	1	
Dual Band Mobile Radio	1	
Coax Kit	1	6ft RG-58/U 10ft RG-58/U 25ft RG-58/U 100ft LMR-400
Connector Kit	1	PL-259 to BNC PL-259 to N SO-239 to N PL-259 to PL-259 SO-239 to SO-239 N-f to N-f BNC-f to BNC-f SMA-m to BNC-f SMA-m to SO-239
HT accessories	1	Speaker Mic Earphone DC Power Cord Nicad Charger AA battery pack Spare Rechargeable Battery
Mobile accessories	1	Microphone External Speaker DC Power Cord AC Power Supply Headset
TNC	1	w/cables and laptop

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APRS Tracker	1	w/cables
Magnetic Mount Dual Band Antenna	2	Or dual band base station vertical
Electrical Tape	1	Roll
Wire Splices/Terminals	1	Assorted
Small Tool Kit	1	
Spare Batteries	1	Assorted
Butane Lighter	1	
Fire Extinguisher	1	
AGM/Gel Cell Battery	1	20ah or larger
Automatic Battery Charger	1	For AGM/Gel Cells
Soldering Iron	1	Butane or Battery powered
Solder and Flux	1	
Wire Cutters	1	
Wire Strippers	1	
Heat Shrink Tubing	1	Assorted
Braided Ground Wire	1	

**Table 2-3 ARESMA T Mobile Operations Kit (Duty Kit M)**

4. Duty Kit “N”

Asset	Qty	Notes
Dual Band Mobile Radio	1	w/Dual Receive
HF Radio	1	
Power Supply	2	
Antenna Tuner	1	
TNC	1	With all necessary cables.
Antenna Mast Kit	1	
Coax Kit	1	3ft RG-8X 6ft RG-8X 10ft RG-8X 25ft RG-8X 100ft LMR-400
Connector Kit	1	PL-259 to PL-259 SO-239 to SO-239
External Speaker	2	
Microphone	2	
Headset	2	
Extended Gain Antenna	2	
HF Antenna	1	
Electrical Tape	1	
Wire Splices/Terminals	1	Assorted
Small Tool Kit	1	
Butane Lighter	1	
Fire Extinguisher	1	

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AGM/Gel Cell Battery	1	Group 27 or larger
Automatic Battery Charger	1	For AGM/Gel Cells
Soldering Iron	1	Butane or Battery powered
Solder and Flux	1	
Wire Cutters	1	
Wire Strippers	1	
Wire Strippers	1	
Heat Shrink Tubing	1	
Braided Ground Wire	1	

**Table 2-4 ARESMAT Net Control/Shelter Kit (Duty Kit N)**

**5. Duty Kit “S”**

<b>Asset</b>	<b>Qty</b>	<b>Notes</b>
Dual Band Handi Talkie	1	w/Belt Clip
Spare Battery	1	Rechargeable
Speaker Microphone	1	

**Table 2-2 ARESMAT Shadow Operations Kit (Duty Kit S)**

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6. Duty Kit "X"

Asset	Qty	Notes
Spare rechargeable batteries	1	
Spare alkaline batteries	1	AAA, AA, C, D, 9v
AGM/Gel Cell Battery	1	Group 27 or larger
Water	1	3 gallons or more
Prescription Medications	1	5 day minimum
Meals	1	MRE, freeze dried, etc. 3-day support minimum
Dual fuel camping stove	1	
Camping stove fuel	1	1 quart
Cooking Kit	1	Small pot Measuring Cup Utensil Kit Plate Cup
Matches	1	Waterproof
Butane Lighter	1	
Fire Starters	1	
Trash Bags	6	
Grooming Kit	1	Razor/Shaver Soap Toothpaste Tooth Brush Shampoo Wash Rag

**ARES® Mutual Assistance Team (ARESMA T)**

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Extra Clothing	1	Underwear (3) T-Shirt (3) Long Sleeve Shirt (3) Long Pants – Cotton Jeans (3) Socks (4 pair) Sweatshirt
Towels	2	
Eyewear	1	Prescription eyeglasses/contacts
Contact Lens Cleaning Solution	1	
Winter Coat	1	
Winter Hat	1	
Rain Suit	1	
Leather Gloves	1	
Blanket	1	Preferably Wool
Sleeping Bag	1	
Alarm Clock	1	Wind Up Style
Power Strip	1	Multi Outlet
Extension Cord	1	50ft length
Generator	1	1000 watt minimum (inverter style)
Rope	1	50ft length

**Table 2-6 Extended Support (Duty Kit X)**