



## SATELLITE COMMUNICATIONS FLY-AWAY KIT (SCFAK)



- > User Friendly Setup and Operation
- > Reliable Extended Operation
- > Lightweight, Durable and Portable

### NEAR-REAL TIME POSITION TRACKING AND ASSURED DATA COMMUNICATIONS CAPABILITY

The QUALCOMM Satellite Communications Fly-Away Kit (SCFAK) provides near-real time mobile two-way data communications and vehicle position/location tracking. Lightweight and ruggedized, the unit can be quickly vehicle-mounted and operated in any environment. Using existing Ku-band satellites and management software, Network Management Centers are able to collect and report data on the vehicle's position and track information.

The SCFAK provides situation-awareness utilizing QUALCOMM's OmniTRACS® Integrated Mobile Communications Terminal (IMCT). The OmniTRACS system is a proven commercial off-the-shelf (COTS) interactive information management solution. OmniTRACS systems are deployed throughout the world supporting commercial and U.S. Government customers.


[www.qualcomm.com/govsys/](http://www.qualcomm.com/govsys/)

### Fly-Away Kit (SCFAK):



ACU with  
Magnetic Mount



PSM



EDU



ACU Power/  
Accessory Cable



"Alligator Clip"  
DC Power Cable

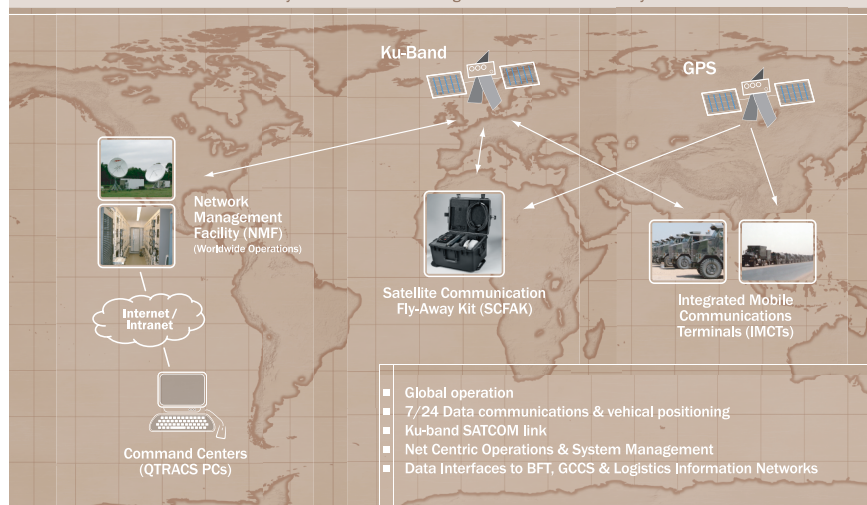


"Cigarette Lighter"  
DC power Cable



### INTEROPERABILITY DIAGRAM

Two-Way Satellite Vehicle Tracking & Data Communications System



### Satellite Communications Fly-Away Kit (SCFAK):

- Two-way data communications and GPS Vehicle Tracking
- Operates under battery power for 40 or more hours
- Communicates using Ku-band satellites
- Powers internally or externally from AC or DC power sources
- Contains a rechargeable Lithium-Ion battery pack
- Displays battery power levels with an external power indicator
- Shows the charge state of each battery cell with a LED array
- Protects external power input lines using power management, conditioning circuits, and a circuit breaker
- Incorporates Emergency Panic Button messaging
- Interfaces with a PC for data exchange

### Fly-Away Kit includes:

- Weatherproof and ruggedized case with wheels and handles
- Antenna Communications Unit (ACU) with integrated GPS receiver
- Enhanced Display Unit (EDU)
- Power Subsystem Module (PSM)
- Standard 30 ft. ACU Power/Accessory Cable
- Magnetic ACU Mounting Bracket (includes Velcro strips for use on non-magnetic surfaces)
- External power cords and adapters
- Emergency Panic Button
- RS-232 Interface Connector for data exchange
- Operating Instructions Manual

### Optional Accessories:

- 15 ft., 20 ft., or 100 ft. ACU Power/Accessory Cable

### Characteristics:

- Dimensions: 24.6" x 19.7" x 11.7"
- Meets one man lift weight requirements

### FOR PRODUCT INQUIRIES

OR MORE INFORMATION,

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