HOOK3™ Combat Survival Radio
SYSTEM OPERATION TRAINING OUTLINE

GENERAL DYNAMICS
Mission Systems

CSR OPERATION CLASS

CSR Radio Overview
- Features and Applications
- Connectors, knobs and indicators
- Front panel keypad and display
- Menu system

CSR Installation
- Installing Battery
- Resetting battery timer
- Verifying antenna connections
- Pouch for earpiece / spare antenna
- Installation in a vest

CSR Startup and Initialization
- CSR Radio and GPS Applique power up
- Extending the radio antenna
- Acquiring the GPS position
- Installing earphone for muted operation

CSR Operation
- Voice operation
- Beacon Operation
- DME Operation
- Message functions
- Automatic interrogation response
- User-initiated SEND
- Position and Navigation

QUICKDRAW2 OPERATION CLASS

Quickdraw2 Overview
- Features and Applications
- Connectors, knobs and indicators
- Front panel keypad and display
- Menu system

Quickdraw2 Installation
- Aircraft cable selection
- Mechanical installation to aircraft interface panel

Quickdraw2 Startup and Initialization
- Quickdraw2 power up
- Selecting appropriate aircraft configuration
- Setting squelch
- Setting volume
- Antenna selection

Quickdraw2 Operation
- Message selection
- User Initiated Interrogation
- Timed Interrogation
- Global Interrogation
- Auto and Manual Forward mode
- Auto Relay mode

PROGRAMMING AND MAINTENANCE CLASS

Mission Planning
- Programming Frequencies
- Pilot ID codes, Interrogator ID codes
- Encryption keys and setting
- Navigation waypoints and/or flight routing points
- Custom / mission specific text messages
- Configuration, navigation, and alarm settings
- Aircraft types with Quickdraw2s aboard, and aircraft that will perform Relay or Forward function

CSR Radio Programming
- Programming presets and pilot ID code
- Programming encryption keys and enabling encryption
- Programming waypoints
- Programming configuration, navigation, alarm settings and preferences
- Saving and storing previous received messages
- TESTING AND VERIFYING TRANSMIT FREQUENCY

Quickdraw2 Interrogator Programming
- Programming Quickdraw2 ID code
- Loading encryption key database
- Loading Remote ID database
- Edit Global ID in Remote ID database to select appropriate encryption key
- Programming custom / mission specific text messages
- Programming waypoints and/or flight routing points
- Programming configuration settings
- Saving and storing previous received messages
- Selecting and programming manual (user initiated) or automatic (timed) interrogation mode
- Programming Auto Relay / Forward settings

CSR Radio Maintenance
- Position updates GPS calibration
- TCXO calibration
- Periodic checks and tests Purging after an incident

SARSAT TRAINING MODULE

SARSAT Overview
- SARSAT Constellation
- SARSAT Radio Modes

SARSAT Operation
- Operating Modes including self-test

SATCOM TRAINING MODULE

SATCOM Overview
- SATCOM Constellation

SATCOM Programming
- Programming SATCOM frequencies
- Programming encryption keys and enabling encryption

SATCOM Operation
- Turning on SATCOM Mode
- Communicating via SATCOM
- Turning off or exiting SATCOM

BASE STATION OPERATION CLASS

Base Station Overview
- Features and Applications
- System components
- Network and radio communications paths

Base Station Installation
- Unpacking
- Setup
- Antenna siting

Base Station Startup & Initialization
- Power up and log-in
- Gateway overview
- BSR configuration
- Launching the Web HMI

Base Station Operation
- Navigating folders
- Reading Messages
- Responding to Messages
- Composing and Sending interrogations, messages, and OTA commands
- Interpreting Base Station status messages
- Integration into MS Outlook 2007
- Integration into Google Earth

CTS-6025 CSAR TEST SET OPERATION   CLASS

Test Set Overview
- Features and Applications
- System components
- Network and radio communications

Test Set Installation
- Unpacking
- Setup

Test Set Startup and Initialization
- Power up and overview
- Test initiation
- Pass/fail criteria