HOOK2 SYSTEM OPERATION TRAINING OUTLINE

PRC OPERATION CLASS

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

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

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

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

Mission Planning (cont.)
Configuration, navigation, and alarm settings
Aircraft types with Quickdraws aboard, and aircraft that will perform Relay or Forward function

PRC Radio Programming
Programming A-B frequencies and pilot ID code
Programming encryption keys and enabling encryption
Programming waypoints
Programming configuration, navigation, and alarm settings
Loading almanac and position
Saving and storing previous received messages
TESTING AND VERIFYING TRANSMIT FREQUENCY

Quickdraw Interrogator Programming
Programming Quickdraw 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

Quickdraw Operation
Almanacing
Position updates
GPS Recallibration
Battery tracking
Periodic checks and tests
After an incident

SARSAT OPTION TRAINING MODULE
(added as required)

SARSAT Overview
SARSAT Constellation
SARSAT Radio Modes

SARSAT Programming
Enabling Quickstart Mode

SARSAT Operation
Turning on SARSAT Mode / Mode selection
Turning off or exiting SARSAT

SATCOM OPTION TRAINING MODULE
(added as required)

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

QUICKDRAW OPERATION CLASS

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

Quickdraw Installation
Aircraft cable selection
Mechanical installation to aircraft interface panel

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

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

PROGRAMMING AND MAINTENANCE CLASS

Mission Planning
A and B Frequencies
Pilot ID codes, Interrogator ID codes
Encryption keys and setting
Navigation waypoints and/or flight routing points
Custom / mission specific text messages
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 and Initialization*
Power up and log-in
Gateway overview
BSR configuration
Launching the WebHMI

*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