

# 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

## 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

### ***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

### ***PRC Radio Maintenance***

Almanacing  
Position updates  
GPS Recalibration  
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

# **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