

C-5000 OPERATIONS TRAINING SYLLABUS

Project 25 Version

Introduction – System Features, Transceiver Overview, and Instructor

PILOT / USER OPERATIONS



Basic Operations

FRONT PANEL CONTROLS

- POWER ON / OFF
- SETTING THE VOLUME LEVELS
- SELECTING A PRESET CHANNEL USING THE CURSOR/VALUE KNOB
- USING THE SOFT-KEY BUTTONS

KEYPAD OPERATIONS

- USING THE DIRECT / REPEAT FEATURE (AKA TALKAROUND, CAR-TO-CAR, POINT-TO-POINT, ETC.) [DIR BUTTON]
- SETTING THE DISPLAY BRIGHTNESS [DIM BUTTON]
- PERFORMING AN OTAR [OTAR BUTTON]
- EDITING AN ENCRYPTION KEY [KEY BUTTON]
- SQUELCH OVERRIDE [TEST BUTTON]
- SCAN MODE – NOT CURRENTLY AVAILABLE [SCAN BUTTON]
- THE HOME PAGE [HOME BUTTON]
- ENCRYPTED TRANSMIT ON / OFF [PVT BUTTON]
- SELECTING A CHANNEL USING THE KEYPAD [NUM BUTTON]
- SELECTING A CHANNEL BY ALPHANUMERIC IDENTIFIER
- SELECTING THE MANUAL CHANNEL
- RECEIVE & TRANSMIT INDICATORS
- ENABLING / DISABLING THE TRANSCEIVER(S)

Using the Edit Page [EDIT BUTOTN]

PRESET CHANNEL EDITING (MAIN & ITM PRESETS)

MANUAL CHANNEL EDITING

- CHANGING TONES PL & DPL (CTCSS AND DCS) TONES
- CHANGING TRANSMIT POWEROUTPUT
- CHANGING MODULATION TYPE
- CHANGING RECEIVER BANDWIDTH

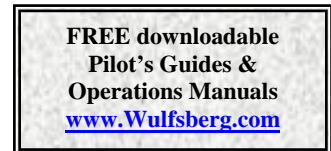
Advanced Mode Operations [MODE BUTTON]

- PHONE PATCH MODE
- RELAY MODE (RECEIVE FROM A LOCATION AND AUTOMATICALLY RE-TRANSMIT TO ANOTHER LOCATION)
- SIMULCAST MODE (TRANSMIT TO 2 DIFFERENT LOCATIONS AT THE SAME TIME)
- RELAY /SIMULCAST MODE (AUTOMATIC AND SIMULTANEOUS LINKING 2 LOCATIONS)
- REPEATER MODE (USING THE AIRCRAFT AS AN AIRBORNE REPEATER)

PROGRAMMING OPERATIONS

Configuring the C-5000 [PASSWORD LEVEL 1]

- CONFIGURING THE C-5000 PART NUMBER
- CONFIGURING THE RADIO PART NUMBERS
- EDITING PASSWORDS
- ENCRYPTION DISCRETE OPTIONS
- RT-5000 Configuration Options
 - MODE 1 vs. MODE 2 DISPLAY & OPERATION
 - EDITING THE SOFTWARE SQUELCH LEVEL
- Configuring non RT-5000 radios (RT-30, RT-138, RT-406, RT-9600, etc.)



Preset Channel Programming [PASSWORD LEVEL 2]

- PROGRAMMING PRESET S USING WULFSBERG™ RPWIN SOFTWARE FOR MICROSOFT WINDOWS™ (RP LOAD)
- PROGRAMMING PRESET CHANNELS USING THE FRONT PANEL
- USING MOTOROLA™ CPS SOFTWARE (CUSTOMER PROGRAMMING SOFTWARE FOR MICROSOFT WINDOWS™) [PASSWORD LEVEL 2]
- SOFTWARE CLONING TIPS

Encryption Keyloading (KVL LOAD) [PASSWORD LEVEL 2]

- ERASING ENCRYPTION KEYS