



Wulfsberg Electronics
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C-5000 Operations Training Syllabus Base Model

Introduction - System Overview and Capabilities

PILOT / USER OPERATIONS

Basic Operations

Front Panel & Controls

The CLEAR button

Adjusting the Volume Level(s)

Control Alpha Page – Primary Display

Radio System Selection – Main 1, 2, or 3 and Guard 1, 2, or 3

Receive and Transmit Indicators

Selecting Direct or Repeat Mode – (a.k.a. Car-to-Car, Point-to-Point, or Talkaround)

Preset Channel Selection

 Selecting via the Rotary knobs

 Selecting via the Keypad

Manually Entering a Frequency

Selecting Sub-Audible Tones

Display Brightness

Dual Mic Option (for multi-radio and multi-user configurations)

Adjusting the Squelch Level for the RT-5000 Only (Range Hex 81–FF)

Using the Mute Feature

Temporarily Enabling/Disabling a Radio System(s)

Recorded Audio Playback Feature

The TEST button

 Using to set radio system audio levels

 Using to troubleshoot

 Using to temporarily override the squelch setting

Scanning

Enabling/Disabling External Encryption

Display Options

Control Alpha Display Page

Control Frequency Display Page

System Display Page

Active/Standby Alpha Display Page

Active/Standby Frequency Display Page

Dual Mic Alpha Display (Dual Mic Normal Mode) Page

Dual Mic Frequency Display Page

Dual Mic Alpha Display Page (Dual Mic Optimized Mode)

Enhanced Operating Modes

Phone Patch

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 – Auto and simultaneous link 2 locations using different frequency bands.

Repeater Mode - Using the aircraft as a repeater.

Operating the C-5000 in Full Duplex Mode - Simultaneous Rx and Tx using 2 different radios



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PROGRAMMER OPERATIONS

Configuring the C-5000 Hardware Options

Accessing the Configuration Menu

Configuring RT System #1

 Configuring System #1 Radio(s)

 Configuring the System #1 Guard Receiver

 Configuring the C-5000 for Subaudible (PL/DPL) Tone Module

Configuring RT Systems #2 and #3

Configuring System Manual Modes

Configuring Passwords

 Configuring the System Password

 Configuring the Preset Password

Configuring Discrete Options

Configuring the Display Pages

Configuring Encryption Options

Loading the Configuration into Memory

Programming Presets

Accessing the Program Presets Menu

Programming Preset Channels

 Adding New Preset Channels

 Editing Existing Preset Channels

 Programming Preset Channel Advanced Features

 Deleting Preset Channels

Programming Scan Groups

 Adding New Scan Groups

 Editing Scan Groups

 Deleting Scan Groups

Using Wulfsberg™ RP_Win Software (Remote Programming Software for Windows)

Programming Hardware Configuration

Programming Preset Channels

Pilot's Guides and Operations Manuals are downloadable at www.Wulfsberg.com

