SiteHawk

Supplemental Instructions

Model SK-4500-TC-UP

General

The SK-4500-TC-UP uses a modified version of the SiteHawk User Interface. This version restricts use to predefined measurement configurations (i.e. CST files). This allows systems engineers or technical management to define standardized measurement setups (.cst files) that are used without modification by field technicians to perform measurements.

The SK-4500-TC-UP has two modes of operation, Administrator & Technician, the mode is selectable at startup.

Technician Mode

In Technician Mode, some of the UI features are disabled ("Technician Mode - Disabled Features" on page 3), instead predefined measurement configuration files are provided, see Table 1.

In Technician Mode, perform the following:

Figure 1   Measurement Selection

1. Tap Menu Icon
2. Tap File Menu
3. Tap Load Status (cst) option.
4. Select the appropriate configuration file from the list.

   Note: *Test parameters will be automatically configured. No further instrument configuration is required except calibration.*
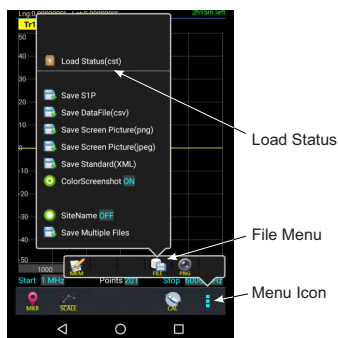

Table 1   Predefined Measurements

VSWR Tests:	Fault Location Tests:
VSWR 802.11 WiFi (2.4 GHz)	zD2F 802.11 WiFi (2.4 GHz)
VSWR ACC GPS (1575 MHz)	zD2F ACC GPS (1575 MHz)
VSWR ATCS WOR SPEC200 (900 MHz)	zD2F ATCS WOR SPEC200 (900 MHz)
VSWR CELL 800 (800 MHz)	zD2F CELL 800 (800 MHz)
VSWR CELL 1900 (1900 MHz)	zD2F CELL 1900 (1900 MHz)
VSWR ER DOWNLOAD (915 MHz)	zD2F ER DOWNLOAD (915 MHz)
VSWR HOT-FOT DPU RCL (450 MHz)	zD2F HOT-FOT DPU RCL (450 MHz)
VSWR PTC 220 RCL (220 MHz)	zD2F PTC 220 RCL (220 MHz)
VSWR Voice Radio (160 MHz)	zD2F Voice Radio (160 MHz)

5. Connect the test cable, if required.
6. Calibrate the SiteHawk using the included Calibration Combo.
   Refer to **Chapter 2** in the **Operating Instructions 920-SK-4500** for detailed information.
7. Connect the SiteHawk to the device to be tested and proceed with testing according to the appropriate procedure, if included.
8. If required, go to File and save the measurement result.
   Refer to **Chapter 6** in the **Operating Instructions 920-SK-4500** for detailed information.

Administrator Mode

Administrator Mode enables a fully functional UI. All menu commands on the SiteHawk are available. This mode allows changes, additions or deletions, to test-set-up configurations.
Refer to **Chapter 6** in the **Operating Instructions 920-SK-4500** for detailed information.

A password is required to enable Administrator Mode mode. The default password is provided to the Contact listed on the original Sales Order.

Changing Password

To change the password, tap "change" on the Password entry dialog box. Enter the default or old password, and then enter a new password and press OK.

> **Note:** *There is no Password Strength check included in the Change Password dialog. It is recommend that current policy is followed regarding password strength.*

Contact Bird Electronic Corp for instructions on resetting the Administrator password if it is lost or incorrect.

Customer Service

Any maintenance or service procedure should be referred to a qualified service center. If the unit needs to be returned for any reason, request an Return Material Authorization (RMA) through the Bird website. All instruments returned must be shipped prepaid and to the attention of the RMA number.

Bird Service Center
30303 Aurora Road
Cleveland (Solon), Ohio 44139-2794
Fax: (440) 248-5426
E-mail: bsc@birdrf.com

For more information, or to request an RMA, visit our website at:

http://www.birdrf.com

Technician Mode - Disabled Features

In Technician Mode, the following UI features are disabled:

Measurement Mode menu

Trace Selection

LIMIT icon

DTF icon

Menu -> FREQ

Menu -> RESET

Menu -> FILE -> SaveType

Menu -> FILE -> Save Status(cst)

Menu -> FILE -> S1pType

Menu -> FILE -> Delete User File

Menu -> SYS

Start, Stop Frequency

Start, Stop Distance

Span

Points

Center Frequency, Span