Meazure Test Plan

	Clean Installation and Startup
	Using the Add/Remove Programs control panel, ensure that the Meazure program is not installed.
	Using *regedit* delete the HKCU/Software “C Thing Software” key, if it exists
	Install Meazure selecting the Complete package, desktop icon and icon tray icon
	After installation is complete verify the following: 1. Meazure entry appears on Programs menu 2. Verify a desktop icon appears 3. Verify an icon tray icon appears (except where OS does not provide the icon tray) 4. In the program folder, verify that the Profiles subfolder exists and is populated with sample profiles 5. Verify that .mea profile files are displayed with the Meazure program icon 6. Start Meazure (dismiss about box) and verify that the help menu is enabled and help can be displayed. Exit Meazure
	Start Meazure and verify splash screen displayed
	Press OK on the splash screen
	Exit Meazure
	Start Meazure and verify splash screen not displayed
	Minimize the program
	Attempt to start a second copy of Meazure. Verify first instance restored to original position
	Uninstall program
	Following uninstall verify the following: 1. Meazure entry has been removed from the Programs menu 2. Desktop icon has been removed 3. Icon tray icon has been removed, if applicable 4. Program folder and all subfolders have been removed
	Using *regedit* delete the HKCU/Software “C Thing Software” key
	Install Meazure selecting the Compact package and no icons
	After installation is complete verify the following: 1. Meazure entry appears on Programs menu 2. No desktop or icon tray icons are present 3. In the program folder, verify that an empty Profiles subfolder exists 4. Start Meazure and verify that the help menu is disabled. Exit Meazure
	Uninstall program
	Using *regedit* delete the HKCU/Software “C Thing Software” key

	Cursor Tool
	Select Cursor Tool using toolbar
	Verify Tools menu indicates Cursor
	Tool Info section label reads “Cursor”
	Verify X1, Y1 test fields enabled but not editable. Up/down buttons enabled but don’t do anything.
	Data window appears next to cursor showing X1/Y1 coordinates
	Move cursor to each corner of screen. Tool info and data window values agree with size of screen. Data window position changes to avoid being hidden
	Verify Magnifier displays red square at center the view tracks cursor position

	Point Tool
	Select Point Tool using toolbar. Verify crosshair flashes then remains red
	Verify Tools menu indicates Point. Using the menu, select Cursor, then select Point to verify functioning of Tools menu.
	Tool Info section label reads “Point”
	Status bar should say “SHIFT locks to H or V”
	Verify X1, Y1 enabled and are editable
	Move mouse over crosshair. Crosshair color changes to yellow when cursor enters crosshair; changes to red when cursor leaves crosshair
	When cursor moves over crosshair, data window appears showing X1/Y1 coordinates. Data window disappears when cursor leaves crosshair. Hovering over crosshair shows “Point 1” tool tip
	Drag crosshair with mouse to each corner of the screen. You may have to adjust drag point to get crosshair completely into the corner. Verify Tool Info and data window values agree with size of screen. Data window position changes to avoid being hidden.
	Verify crosshair centered in Magnifier and the view tracks crosshair position
	Enter new X1 and Y1 values into text fields and verify crosshair moves to specified position
	Use X1 and Y1 up/down buttons to verify crosshair moves by specified amount in correct direction
	Drag crosshair while holding down SHIFT key. Only horizontal and vertical motions should be allowed

	Line Tool
	Select Line Tool using toolbar. Verify both crosshairs flash then remain red

	Line Tool
	Verify Tools menu indicates Line
	Tool Info section label reads “Line”
	Status bar should say “SHIFT locks to H or V, CTRL moves line”
	Verify X1, Y1, X2, Y2 enabled and are editable. W, H, D, A and Ar are enabled but not editable
	Move mouse over each crosshair. Crosshair color changes to yellow when cursor enters crosshair; changes to red when cursor leaves crosshair
	When cursor moves over crosshair, data window appears showing X1/Y1 coordinates and D value. Data window disappears when cursor leaves crosshair. Hovering over crosshair shows “Point 1” tool tip. Repeat for Point 2.
	Drag each crosshair with mouse to each corner of the screen. Verify Tool Info and data window values agree with size of screen. Data window position changes to avoid being hidden. Verify line tracks crosshair with minimal lag
	Verify W, H, D, A and Ar values
	Verify crosshair being dragged is centered in Magnifier and the view tracks crosshair position
	Enter new X1 and Y1 values into text fields and verify crosshair moves to specified position. Repeat for X2, Y2
	Use X1 and Y1 up/down buttons to verify crosshair moves by specified amount in correct direction. Repeat for X2, Y2
	Drag Point 1 crosshair while holding down SHIFT key. Only horizontal and vertical motions should be allowed. Repeat for Point 2
	Drag Point 1 crosshair while holding down CTRL key. Verify entire line moves. Move to screen edges and verify figure stops at edge. Repeat for Point 2
	On the Tools menu select Find Crosshairs and verify that the crosshairs flashes between red and yellow a number of times and then stop flashing returning to red.
	On the Tools menu select Hide Crosshairs and verify that the crosshairs are no longer displayed leaving only the line. On the Tools menu deselect Hide Crosshairs and verify that the crosshairs are now displayed.

	Rectangle Tool
	Select Rectangle Tool using toolbar. Verify both crosshairs flash then remain red
	Verify Tools menu indicates Rectangle
	Tool Info section label reads “Rectangle”
	Status bar should say “CTRL moves rect, CTRL+R captures region”
	Verify X1, Y1, X2, Y2 enabled and are editable. W, H, D, A and Ar are enabled but not editable
	Move mouse over each crosshair. Crosshair color changes to yellow when cursor enters crosshair; changes to red when cursor leaves crosshair

	Rectangle Tool
	When cursor moves over crosshair, data window appears showing X1/Y1 coordinates and W/H values. Data window disappears when cursor leaves crosshair. Hovering over crosshair shows “Point 1” tool tip. Repeat for Point 2.
	Drag each crosshair with mouse to each corner of the screen. Verify Tool Info and data window values agree with size of screen. Data window position changes to avoid being hidden. Verify line tracks crosshair with minimal lag
	Verify W, H, D, A and Ar values
	Verify crosshair being dragged is centered in Magnifier and the view tracks crosshair position
	Enter new X1 and Y1 values into text fields and verify crosshair moves to specified position. Repeat for X2, Y2
	Use X1 and Y1 up/down buttons to verify crosshair moves by specified amount in correct direction. Repeat for X2, Y2
	Drag Point 1 crosshair while holding down CTRL key. Verify entire rectangle moves. Move to screen edges and verify figure stops at edge. Repeat for Point 2
	Sweep out an area and press CTRL+R. Crosshairs should flash. Open MS Paint or Photoshop and paste the image. Verify image is what was captured.

	Circle Tool
	Select Circle Tool using toolbar. Verify both crosshairs flash then remain red
	Verify Tools menu indicates Circle
	Tool Info section label reads “Circle”
	Status bar should say “CTRL moves circle, CTRL+R captures region”
	Verify X1, Y1, XV, YV enabled and are editable. W, H, D, A and Ar are enabled but not editable
	Move mouse over each crosshair. Crosshair color changes to yellow when cursor enters crosshair; changes to red when cursor leaves crosshair
	When cursor moves over crosshair on the circumference, data window appears showing X1/Y1 coordinates and the D value. Data window disappears when cursor leaves crosshair. Hovering over crosshair shows “Point 1” tool tip.
	When cursor moves over center crosshair, data window appears showing XV/YV coordinates and the D value. Data window disappears when cursor leaves crosshair. Hovering over crosshair shows “Vertex” tool tip.
	Set the magnifier to 6X magnification. Drag Point 1 crosshair so that the entire circle can be see in the magnifier. Verify Tool Info and data window values agree with size of circle as displayed in the magnifier grid. Verify radius and circle lines track crosshairs with minimal lag
	Verify W, H, D, A and Ar values
	Verify crosshair being dragged is centered in Magnifier and the view tracks crosshair position

	Circle Tool
	Enter new X1 and Y1 values into text fields and verify crosshair moves to specified position. Repeat for XV, YV
	Use X1 and Y1 up/down buttons to verify crosshair moves by specified amount in correct direction. Repeat for XV, YV
	Drag Point 1 crosshair while holding down CTRL key. Verify entire circle moves. Move to screen edges and verify figure stops at edge. Repeat for Vertex
	Sweep out an area and press CTRL+R. Crosshairs should flash. Open MS Paint or Photoshop and paste the image. Verify image is what was captured.

	Angle Tool
	Select Angle Tool using toolbar. Verify all three crosshairs flash then remain red
	Verify Tools menu indicates Angle
	Tool Info section label reads “Angle”
	Status bar should say “SHIFT locks to H or V, CTRL moves angle”
	Verify X1, Y1, X2, Y2, XV, YV enabled and are editable. A is enabled but not editable
	Move mouse over each crosshair. Crosshair color changes to yellow when cursor enters crosshair; changes to red when cursor leaves crosshair
	When cursor moves over each crosshair, the data window appears showing labels and values X1/Y1/A or X2/Y2/A for the outer crosshairs and XV/YV/A for the vertex crosshair. Data window disappears when cursor leaves crosshair. Hovering over crosshair shows tool tip “Point 1” or “Point 2” for the outer crosshairs and “Vertex” for the vertex crosshair.
	Using the SHIFT V/H lock, drag the outer crosshair to form a vertical line. Verify the X coordinates are identical and the angle is 180 degrees. Verify that the angle bisector is horizontal.
	Repeat as above but set a horizontal line and verify a –180.0 angle and all Y positions are identical. Angle bisector should be vertical
	Use SHIFT lock to set a 90 degrees angle. Verify displayed angle value. Angle bisector should be a 45 degrees in the acute portion of the angle.
	Enter new X1 and Y1 values into text fields and verify crosshair moves to specified position. Repeat for X2, Y2 and XV, YV
	Use X1 and Y1 up/down buttons to verify crosshair moves by specified amount in correct direction. Repeat for X2, Y2 and XV, YV
	Drag Point 1 crosshair while holding down CTRL key. Verify entire angle moves. Move to screen edges and verify figure stops at edge. Repeat for Point 2 and Vertex

	Window Tool
	Select Window Tool using toolbar. Verify toolbar receives a red border
	Verify Tools menu indicates Window

	Window Tool
	Tool Info section label reads “Window”
	Status bar should say “CTRL+R captures window”
	Verify X1, Y1, X2, Y2, W, H, D, A and Ar are enabled but not editable
	Verify data window appears next to border showing W/H values.
	Move cursor around screen and verify red border applied to appropriate windows
	Verify X1, Y1, X2, Y2, W, H, D, A and Ar values
	Move cursor to a relatively small window and press CTRL+R. Open MS Paint or Photoshop and paste the image. Verify image is of the window.

	Ruler Tool
	Select Ruler Tool using toolbar. Verify rulers appear at the top and left edges of all screens
	Verify Tools menu indicates Rulers are selected
	Select the Cursor Tool and verify that the ruler indicators properly track with the position of the cursor and that the coordinates match the indicator location
	Select the Point Tool and verify indicators properly track the crosshair
	Select the Line Tool and verify two indicators are displayed on each ruler, one for each crosshair. Verify each indicator properly tracks the crosshairs
	Select the Angle Tool and verify three indicators are displayed on each ruler, one for each crosshair. Verify each indicator properly tracks the crosshairs
	Use the mouse pointer to drag each ruler and verify that they move across the screen.
	Verify that the ruler is partially transparent.
	Deselect the ruler tool using the Tools menu

	Grid Tool
	Select the Grid Tool using the toolbar. Verify a grid appears covering the entire screen.
	Verify Tools menu indicates Screen Grid is selected
	On the Tools menu select Screen Grid Spacing
	Uncheck the “Link horizontal and vertical” check box
	Enter new values for the spacing in the text fields and close the dialog
	Verify the spacing using the Point Tool
	Use the up/down arrows next to each text field to adjust the grid spacing.
	Verify grid dimensions using the Point Tool
	Check the “Link horizontal and vertical” check box. Verify that the Vertical text field value changes to match the Horizontal text field value and that the grid becomes square

	Grid Tool
	Press OK and verify grid remains on the screen
	On the Tools menu select Screen Grid Spacing
	Change the horizontal spacing
	Press Cancel and verify that the original horizontal spacing is restored
	Deselect the Grid Tool using the Tools menu and verify grid is removed from the screen
	On the Tools menu select Screen Grid Spacing. Verify dialog and screen grid appear
	Close the Screen Grid Spacing dialog and verify screen grid is removed from the screen

	Resolution Calibration
	Verify that the calibration warning button is displayed on the Screen Information section
	Press the calibration warning button and verify that the calibration preference panel is displayed.
	Verify that the frame title displays “Resolution for Screen 1 (primary)”
	Drag the dialog to the second screen and verify that the frame title changes to “Resolution for Screen 2”.
	Verify that “Use operating system value is selected” and close the dialog
	Record the pixel width and height of the screen shown in the Screen Information section
	On the Units menu select Inches
	A warning dialog should be displayed indicating that the resolution should be calibrated. Press Continue to dismiss the dialog
	Record the inch width and height of the screen shown in the Screen Information section
	On the Edit menu select Preferences to display the preferences dialog. Select the Calibration tab
	Select “Set manually” and “in”
	Enter a vertical resolution in the Ry text field that is ½ the current resolution
	Verify that the screen height displayed in the H text field is twice the value previously recorded
	Verify that the vertical slider corresponds to the entered resolution by clicking on the end of the slider
	Press Apply and verify that the screen height displayed on the Screen Information section is twice the value previously recorded. Also verify that the vertical resolution shown in the Ry text field matches that entered on the Calibration panel
	Verify that the calibration warning button is still displayed on the Screen Information section
	Enter a horizontal resolution in the Rx text field that is ½ the current resolution
	Verify that the screen width displayed in the W text field is twice the value previously recorded

	Resolution Calibration
	Verify that the horizontal slider corresponds to the entered resolution by clicking on the end of the slider
	Press Apply and verify that the screen width displayed on the Screen Information section is twice the value previously recorded. Also verify that the horizontal resolution shown in the Rx text field matches that entered on the Calibration panel
	Using a handheld ruler set the vertical and horizontal resolutions using the slides so that they point to the 1 inch mark. The values displayed in the W and H text fields should be close to the screen dimensions. Verify this by measuring the screen dimensions with the ruler
	Enter the screen dimensions measured using the ruler into the W and H text fields
	Drag the dialog to the primary screen and repeat manual calibration.
	Drag the dialog back and forth between screens and verify that the correct calibration setting are displayed on each screen.
	Close the dialog and verify that the resolution warning button is no longer displayed in the Screen Information section.
	Reopen the Calibration preferences dialog.
	Select “Use operating system value” for both screens.
	Press OK. Verify screen size and resolution return to the values previously recorded
	On the Units menu select Pixels

	Standard Units
	Using the toolbar select the Point Tool
	Using the toolbar turn on the Rulers
	On the Units menu ensure that Pixels is selected
	Verify that the Tool and Screen Info sections display pixels for units
	Verify the Rulers display pixel values
	Move the cursor over the crosshair and verify that the data window displays pixel values
	Record the width, height and resolution of the screen from the Screen Info section
	Select the Rectangle Tool and record all values from the Tool Info section
	On the Units menu select Twips. Verify that the Tool and Screen info sections display twips for units
	Verify the Rulers display twips values
	Move the cursor over the crosshair and verify that the data window displays twip values
	Using the pixel values recorded previously, convert the values to twips (twips = pixels / resolution * 1440) and verify that these are the values displayed in the Screen and Tool Info sections
	On the Units menu select Points. Verify that the Tool and Screen info sections display

	Standard Units
	points for units
	Verify the Rulers display point values
	Move the cursor over the crosshair and verify that the data window displays point values
	Using the pixel values recorded previously, convert the values to points (points = pixels / resolution * 72) and verify that these are the values displayed in the Screen and Tool Info sections
	On the Units menu select Picas. Verify that the Tool and Screen info sections display picas for units
	Verify the Rulers display pica values
	Move the cursor over the crosshair and verify that the data window displays pica values
	Using the pixel values recorded previously, convert the values to picas (picas = pixels / resolution * 6) and verify that these are the values displayed in the Screen and Tool Info sections
	On the Units menu select Inches. Verify that the Tool and Screen info sections display inches for units
	Verify the Rulers display inch values
	Move the cursor over the crosshair and verify that the data window displays inch values
	Using the pixel values recorded previously, convert the values to inches (inches = pixels / resolution) and verify that these are the values displayed in the Screen and Tool Info sections
	On the Units menu select Centimeters. Verify that the Tool and Screen info sections display centimeters for units
	Verify the Rulers display centimeter values
	Move the cursor over the crosshair and verify that the data window displays centimeter values
	Using the pixel values recorded previously, convert the values to centimeters (centimeters = pixels / resolution * 2.54) and verify that these are the values displayed in the Screen and Tool Info sections
	On the Units menu select Millimeters. Verify that the Tool and Screen info sections display millimeters for units
	Verify the Rulers display millimeter values
	Move the cursor over the crosshair and verify that the data window displays millimeter values
	Using the pixel values recorded previously, convert the values to millimeters (millimeters = pixels / resolution * 25.4) and verify that these are the values displayed in the Screen and Tool Info sections
	Using the toolbar deselect the Ruler
	Select the Angle tool
	On the Units menu select Degrees
	Use the SHIFT H/V lock to move the Angle tool to a 90 degree configuration

	Standard Units
	Verify that the angle display reads 90 degrees
	On the Units menu select Radians
	Verify that the angle display reads 1.57 (i.e. pi / 2)
	On the Units menu select Pixels and Degrees

	Custom Units
	On the Units menu ensure that there is a disabled item labeled [custom]
	On the Units menu select the item labeled Define Custom and verify that the Preferences dialog is displayed with the Custom Units tab selected
	Verify that all items on the panel are disabled except the Name and Abbreviation labels and test fields
	In the Names field enter “Miles” and in the Abbreviation field enter “mi”
	Verify that all items on the panel are now enabled
	Ensure that the pixel based factor is selected and enter 0.5
	Press OK
	On the Units menu verify that the [custom] item has been replaced by an enabled item named “Miles” and select that item
	Verify that “mi” is displayed as appropriate on all app sections
	Verify that for every one pixel moved, the position value changes by 2 mi
	On the Edit menu select Preferences, then select the Custom Units tab
	Change the factor to inch based and set 0.5
	Press OK
	Using a ruler, verify that for a change in position of 1 inch, the position value changes by 2 mi
	On the Edit menu select Preferences, then select the Custom Units tab
	Change the factor to centimeter based and set 0.5
	Press OK
	Using a ruler, verify that for a change in position of 1 centimeter, the position value changes by 2 mi
	On the Edit menu select Preferences, then select the Custom Units tab
	Press the Set Display Precision button and verify that the Precision panel is then selected with the custom units radio button selected
	Return to the Custom Units panel and press the Clear Units button
	Verify that the Name and Abbreviation fields are cleared and all other items on the panel are disabled

	Coordinate System
	Select the Cursor Tool
	Move the cursor to the upper left corner and verify X1/Y1 are both 0
	Verify that the origin marker is displayed at the 0, 0 point and that its Y axis points down from the origin.
	On the View menu select Invert Y
	Verify that the origin marker moves to the bottom left corner of the screen and the marker's Y axis points up from the origin.
	Move the cursor to the upper left corner and verify X1 is 0 and Y1 is H - 1
	Move the cursor to the lower left corner and verify X1/Y1 are both 0
	Move the cursor to the lower right corner of the screen and press CTRL+A. Verify X1/Y1 are both 0
	Verify the origin marker moves to the new 0, 0 position.
	Move the cursor to the upper left corner and verify that X1 is –(W – 1) and Y1 is (H – 1)
	On the View menu deselect Invert Y, move the cursor to the upper left corner of the screen and verify that X1 is –(W – 1) and Y1 is –(H – 1)
	On the View menu select Reset Origin
	Move the cursor to the upper left corner of the screen and verify that X1/Y1 are both 0

	Screen Info
	Using the Display Control Panel record the screen sizes for each screen attached to the system.
	Select the Cursor tool
	Drag Meazure to the primary display screen and verify that the Screen Information section frame displays "Screen 1 (primary)"
	Verify that the screen size for the primary display matches that reported in the Screen Information section
	Drag Meazure to the second display screen and verify that the Screen Information section frame displays "Screen 2"
	Verify that the screen size for the secondary display matches that reported in the Screen Information section.

	Tool Preferences
	On the toolbar select the Line Tool
	Move the cursor over the crosshairs and verify that the crosshairs and data windows are

	Tool Preferences
	partially transparent.
	On the Edit menu select Preferences to display the preferences dialog. Select the Tools tab
	Press the Color button in the Line Color area and select a new color for lines.
	Press Apply and verify the Line Tool line color changes to the new color
	Press the Background button in the Crosshair Colors area and select a new color for the crosshair background.
	Press Apply and verify the background color changes to the new color on both crosshairs
	Press the Border button in the Crosshair Colors area and select a new color for the crosshair border.
	Press Apply and verify the border color changes to the new color on both crosshairs
	Press the Highlight button in the Crosshair Colors area and select a new color for the crosshair highlight.
	Uncheck “Show origin marker”
	Press Apply and verify the origin marker is no longer displayed
	Verify that the opacity slider is enabled and change the opacity to 100%
	Press OK
	Move the cursor over a crosshair and verify that the crosshair and data window are no longer transparent.
	On the Edit menu select Preferences to display the preferences dialog. Select the Tools tag
	Change the opacity to 80%
	Uncheck “Show popup data windows”
	Press OK
	Move the cursor over the crosshairs and verify the highlight color is the new color. Also verify that the data windows no longer appear
	On the Edit menu select Preferences to display the preferences dialog. Select the Tools tab
	Press all Default buttons and check the “Show popup data windows” and “show origin marker” boxes
	Press OK
	Verify all Line Tool colors have returned to the default colors, the data window once again appears when the cursor is placed over the crosshairs, and the origin marker is shown

	Ruler Preferences
	On the toolbar select the Rulers
	Verify that the rulers are partially transparent

	Ruler Preferences
	On the Edit menu select Preferences to display the preferences dialog. Select the Rulers tab
	Verify that the opacity slider is enabled and change the opacity to 100%.
	Press OK and verify that the rulers are no longer partially transparent
	On the Edit menu select Preferences and select the Rulers tab
	Set the opacity to 80%
	In the Colors area press the Background button and select a new color for the ruler background
	Press Apply and verify that the background color on the rulers change to the new color
	In the Colors area press the Border button and select a new color for the ruler border
	Press Apply and verify that the border color on the rulers change to the new color
	Press all Default buttons
	Press OK and verify that all ruler colors return to their defaults
	On the toolbar deselect the Rulers

	Precision Preferences
	On the Edit menu select the Preferences item, then select the Precision tab on the Preferences dialog
	For each set of units and each measurement type, set a non-default number of decimal places in such a way that each measurement type has a different number of decimal places. Do a few at a time
	Verify that the up/down buttons function properly
	Verify that only integers between 0 and 6 inclusive can be set
	Press OK and verify that for each set of units the number of decimal places corresponds to those set
	Repeat the last two steps as needed to cover all units and measurement types
	Change all units and measurement types from their default values
	Press the Default button and verify that all values return to their defaults for all units and measurement types
	Press OK to dismiss the dialog

	Magnifier
	On the toolbar select the Point Tool
	Verify that the crosshair should not be visible in the magnifier window.
	On the toolbar select the Cursor Tool

	Magnifier
	Verify that a red square is displayed at the center of the magnifier window
	Move the Zoom slider to 6X and verify that a grid is now displayed in the magnifier window
	On the View menu select Zoom Out and verify that the magnification goes to 4X
	Press Ctrl++ and verify that the magnification goes to 6X
	On the View menu deselect the Magnifier Grid menu item and verify that a grid is no longer displayed in the magnifier window
	Press the Pause button and move the cursor. Verify that the magnifier window image does not change
	Press the Pause button again and verify that the image in the magnifier window changes as the cursor is moved
	On the View menu select Color Format and ensure that RGB is selected
	Verify that the color values and swatch reflect the color of the pixel in the red square at the center of the magnifier window
	On the View menu select Color Format, Hexadecimal and verify that the color values are now reported in #RRGGBB format
	Repeat for all other color formats

	Master Reset
	Select the Rectangle Tool
	Select the rulers and screen grid
	Change the screen grid spacing
	Using the preferences dialog panels change the line color, the crosshair colors, the opacities, and the display precisions
	Define a set of Custom Units
	Change the pixel color format to CMY
	Change the magnifier zoom factor to 6X
	On the Preferences dialog select the Advanced tab
	Press the Reset button
	Press No on the confirmation dialog and verify that the configuration has not changed
	On the Preferences dialog select the Advanced tab
	Press the Reset button
	Press Yes on the confirmation dialog and verify that the configuration is restored to the default

	Visibility
	Verify that the program window cannot be obscured by any other window on the screen
	On the View menu deselect the Always Visible item and verify that the program window can be obscured
	On the View menu select the Always Visible item
	On the View menu individually deselect the Toolbar, Tool Info, Screen Info, Magnifier, and the Status Bar items. Verify that the sections of the program are hidden as their respective menu items are deselected
	On the View menu individually select the Toolbar, Tool Info, and Screen Info items. Verify that these sections appear
	On the View menu select Collapse and verify that all sections except the menu bar are hidden
	On the View menu select Expand and verify that the Toolbar, Tool Info and Screen Info section reappear
	On the View menu select the Magnifier and Status Bar items. Verify these sections appear

	Persistence
	Select the Window Tool and Ruler Tool
	On the Edit menu select the Preferences item
	Select the Calibration tab. Select the manual resolution setting, change the vertical resolution to 12 and the horizontal resolution to 24
	Select the Rulers tab. Change all colors.
	Select the Tools tab. Change all colors and deselect the popup data window. Press OK.
	On the View menu select the Invert Y item
	On the View menu deselect the Magnifier item
	Move the program window and use the Window Tool to measure the position of the program window. Record the X1/Y1 values
	Exit the program
	Restart the program and verify that all previous settings have been restored
	Using the Window Tool verify that the program window X1/Y1 position matches the values previously recorded
	Exit the program
	Using the *regedit* program delete the HKCU/Software “C Thing Software” key

	Profiles

	Profiles
	Start the program and dismiss the splash screen
	Select the Point Tool and Ruler Tool
	On the File menu select Save Profile and choose a filename. Complete the save
	Turn off the Rulers and select the Cursor Tool
	On the File menu select Load Profile and choose the file that was previously saved
	Verify that the Point Tool and Ruler Tool are now selected
	Turn off the Rulers and select the Cursor Tool
	Exit the program
	Double click the profile file and verify that Meazure is launched with the Point Tool and Ruler Tool selected
	Turn off the Rulers and select the Cursor Tool
	Exit the program
	Drag the profile file and drop it on the Meazure program icon. Verify that Meazure is launched with the Point Tool and Ruler Tool selected
	On the Edit menu select Preferences and choose the Advanced Tab
	In the Startup Profile area use the "…" button to find the previously saved profile. Press OK
	Turn off the Rulers and select the Cursor Tool
	Exit the program
	Start the program and verify that the Point Tool and Ruler Tool are selected
	Exit the program
	Using the *regedit* program delete the HKCU/Software "C Thing Software" key

	Position Logging
	Start Meazure and dismiss the splash screen
	Select the Cursor Tool
	On the Units menu, select Pixels
	Move to a number of positions and at each one write down or remember the position and at each position press Ctrl+P to record the position
	Each time Ctrl+P is pressed the data window should flash
	Select the Line tool
	Set the line in a number of positions each time pressing Ctrl+P to record the position
	On the Units menu, select Inches
	Set the line in new positions each time pressing Ctrl+P to record the position
	On the File menu verify that the Save Positions and Save Positions As menu items are

	Position Logging
	enabled
	On the Edit menu, select the Manage Positions menu item
	Verify that the Position Management dialog is displayed
	Verify that the number of positions corresponds to the number of positions recorded
	Move the slider slowly back and forth and verify that the recorded positions are played back
	Enter descriptions for a number of the positions
	Press the Save button and verify that the Position save dialog is displayed
	Enter a description for the positions and a filename
	Save the positions
	Close the position management dialog
	Close the Meazure program
	Examine the saved file and verify that its contents are valid XML and have valid data
	Run the Meazure program
	On the File menu select the Load Positions item
	Verify that the Position Management dialog is displayed and that the positions correspond to those originally saved
	Verify that the positions recorded using the Cursor Tool are now displayed using the Point Tool
	Move the slider to a given position and press the Delete button
	Verify that the position is deleted
	Select the Rectangle Tool
	Move the position slider to a position somewhere in the middle of the recorded set
	Press the Replace button
	Move the position slider and verify that the original position and tool have been replaced by the Rectangle Tool and its position
	Move the Rectangle Tool and press the Add button
	Verify that the new position has been recorded
	Close the position management dialog
	On the Edit menu select the Delete Positions item
	Verify that the position Save items on the File menu are disabled
	Using the position management dialog verify that there are no recorded positions
	Record a position using any tool
	Attempt to exit Meazure and verify that a dialog is displayed warning that there are unsaved positions

	Help
	Delete the file *C:\Documents and Settings\baron\Application Data\Microsoft\HTML Help\hh.dat*
	Start the program and dismiss the splash screen
	On the Help menu select the Contents item and verify that the online help window appears with the Context tab selected
	On the Help menu select the Search item and verify that the online help window appears with the Search tab selected
	On the Help menu select the Index item and verify that the online help window appears with the Index tab selected
	On the Help menu select the What's This item. Click on the Tool Info section and verify that the help for the Tool Info section is displayed
	Display the Tools menu. Position the cursor over the Point item and press F1. Verify that the help for the Point Tool is displayed
	Close the help window

	About Box
	On the Help menu select the About Meazure item.
	Click on the URL and verify that the C Thing Software home page is displayed
	Close the web browser
	Click on the email address and verify that an email client is launched with the meafeedback@cthing.com address displayed
	Close the email client
	Dismiss the About box
	Exit the program