


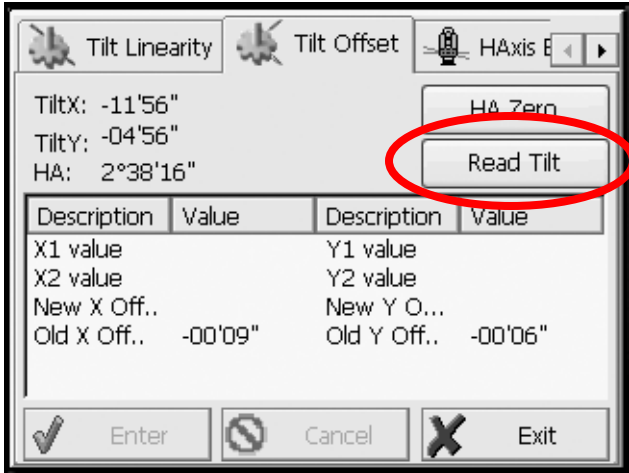
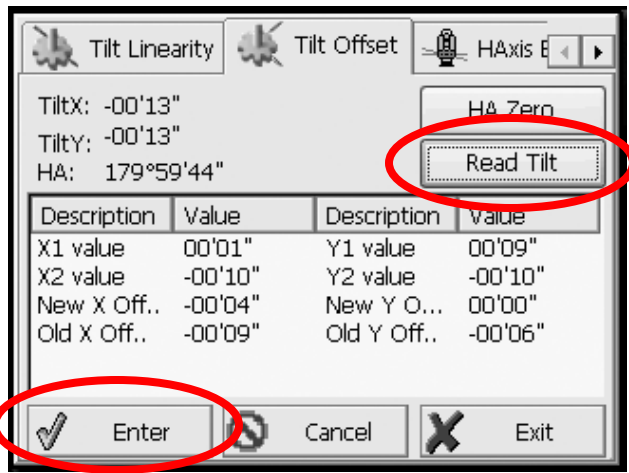
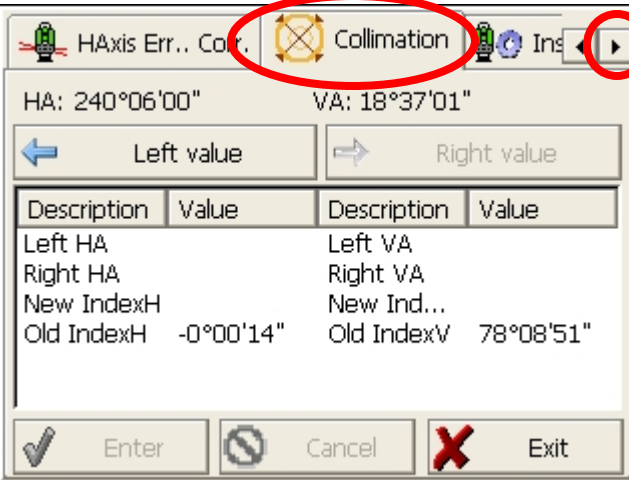


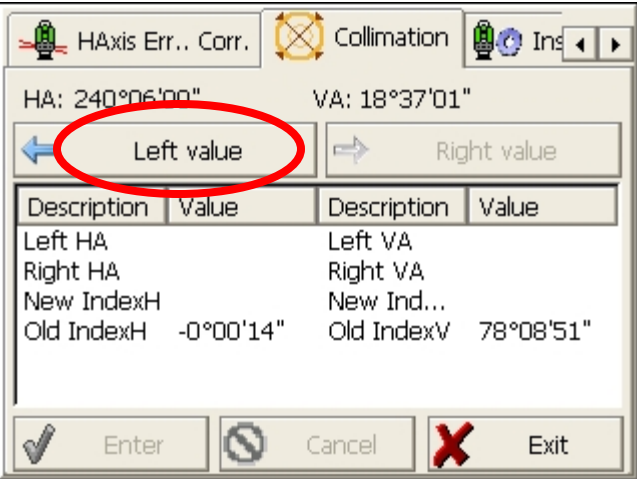
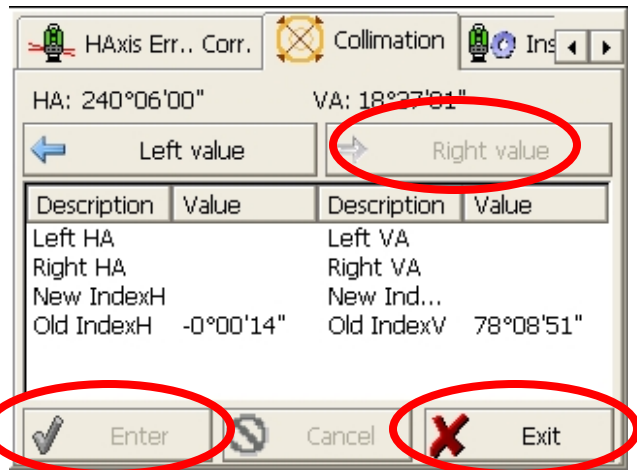
T2-2
Field Collimation Guide

Step	Action	Display
1	<p>Before doing any calibration checks the instrument should be acclimated to the temperature you are working in for at least 30 minutes</p> <p>TILT SENSOR</p> <p>a) Power On the instrument and level it accurately</p> <p>b) From the Main menu select "INST Setup"</p>	
2	<p>a) Type in Passcode "12345678"</p> <p>b) Press "Enter"</p>	
3	<p>a) Go to the "Tilt Offset" tab</p>	

T2-2
Field Collimation Guide

Step	Action	Display																				
4	a) Site a target at least 300' away in Face 1 (direct face) of the instrument b) Let the instrument settle for 30 seconds then press "Read Tilt"	 <table border="1" data-bbox="865 485 1442 646"> <thead> <tr> <th>Description</th> <th>Value</th> <th>Description</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>X1 value</td> <td></td> <td>Y1 value</td> <td></td> </tr> <tr> <td>X2 value</td> <td></td> <td>Y2 value</td> <td></td> </tr> <tr> <td>New X Off..</td> <td></td> <td>New Y O...</td> <td></td> </tr> <tr> <td>Old X Off..</td> <td>-00'09"</td> <td>Old Y Off..</td> <td>-00'06"</td> </tr> </tbody> </table>	Description	Value	Description	Value	X1 value		Y1 value		X2 value		Y2 value		New X Off..		New Y O...		Old X Off..	-00'09"	Old Y Off..	-00'06"
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Old X Off..	-00'09"	Old Y Off..	-00'06"																			
5	a) Rotate the instrument and site the target in Face 2 (reverse face) of the instrument b) Let the instrument settle for 30 seconds then press "Read Tilt" c) Press "Enter" to store the new Correction Values	 <table border="1" data-bbox="865 1010 1442 1171"> <thead> <tr> <th>Description</th> <th>Value</th> <th>Description</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>X1 value</td> <td>00'01"</td> <td>Y1 value</td> <td>00'09"</td> </tr> <tr> <td>X2 value</td> <td>-00'10"</td> <td>Y2 value</td> <td>-00'10"</td> </tr> <tr> <td>New X Off..</td> <td>-00'04"</td> <td>New Y O...</td> <td>00'00"</td> </tr> <tr> <td>Old X Off..</td> <td>-00'09"</td> <td>Old Y Off..</td> <td>-00'06"</td> </tr> </tbody> </table>	Description	Value	Description	Value	X1 value	00'01"	Y1 value	00'09"	X2 value	-00'10"	Y2 value	-00'10"	New X Off..	-00'04"	New Y O...	00'00"	Old X Off..	-00'09"	Old Y Off..	-00'06"
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6	<p><u>VERTICAL and HORIZONTAL ANGLES</u></p> a) Press the "Right Arrow" icon to navigate to the "Collimation" tab	 <table border="1" data-bbox="865 1507 1442 1669"> <thead> <tr> <th>Description</th> <th>Value</th> <th>Description</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Left HA</td> <td></td> <td>Left VA</td> <td></td> </tr> <tr> <td>Right HA</td> <td></td> <td>Right VA</td> <td></td> </tr> <tr> <td>New IndexH</td> <td></td> <td>New Ind...</td> <td></td> </tr> <tr> <td>Old IndexH</td> <td>-0°00'14"</td> <td>Old IndexV</td> <td>78°08'51"</td> </tr> </tbody> </table>	Description	Value	Description	Value	Left HA		Left VA		Right HA		Right VA		New IndexH		New Ind...		Old IndexH	-0°00'14"	Old IndexV	78°08'51"
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T2-2
Field Collimation Guide

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7	<ul style="list-style-type: none"> a) Site a target at least 300' away in Face 1 (direct face) of the instrument b) Let the instrument settle for 30 seconds then press "Left value" 	
8	<ul style="list-style-type: none"> a) Rotate the instrument and site the target in Face 2 (reverse face) of the instrument b) Let the instrument settle for 30 seconds then press "Right value" c) Press "Enter" to store the new Correction Values d) Press "Exit" to leave the program. If prompted to "Store" new values select "Yes" 	
9	<p>Please contact Champion Instruments or your local dealer with any questions.</p> <p style="text-align: center;">(770) 243-3254</p> <p style="text-align: center;">www.championinstruments.com</p>	