How to achieve vertical shaft plumbness using laser alignment

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Figure 1 Figure 2 Figure 3 Figure 4

Figure 5

Figure 6 Figure 7

Figure 8

Figure 9 Figure 10

Figure 11

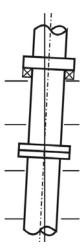


Figure 1. Shaft Centerline of Rotation in Relationship to the Plumb Line

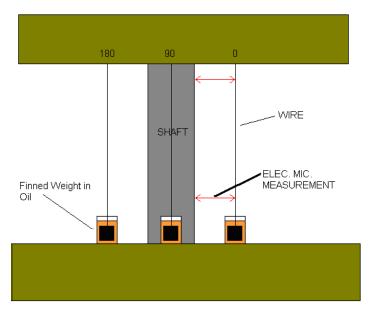


Figure 2. Tight-wire Plumbness Measurement Concept



Figure 3. The PERMAPLUMB and 14-inch Bracket



Figure 4. Laser Transducer Mounted upon the Permaplumb Bracket

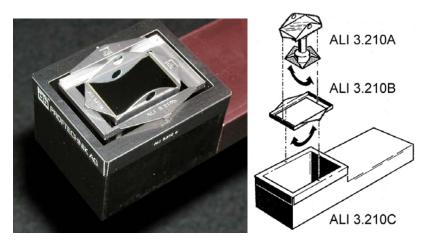


Figure 5. Self-adjusting Mirror Assembly



Figure 6. Attaching the PERMAPLUMB to the Hydro Shaft



Figure 7. The PERMAPLUMB System Installed on the Hydro Shaft

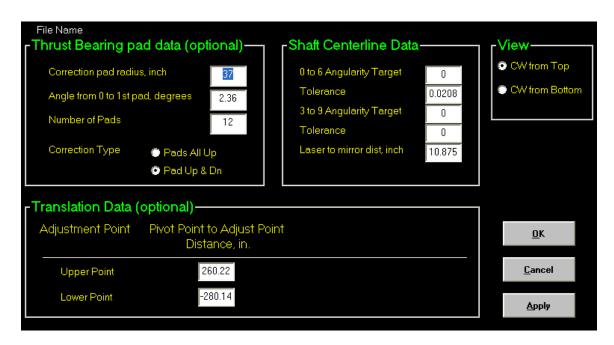


Figure 8. Entering Dimensions, Tolerances and Targets into the WinPLUMB Software

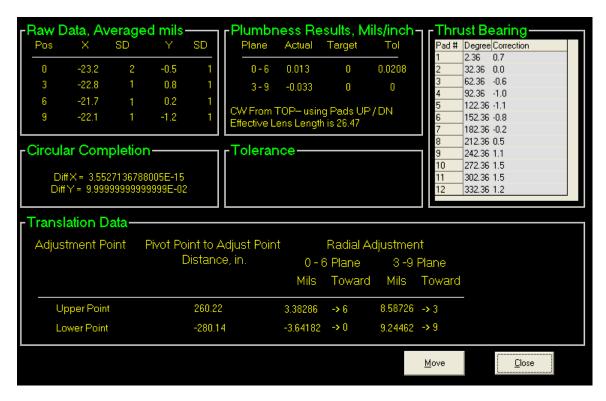


Figure 9. The Results Screen

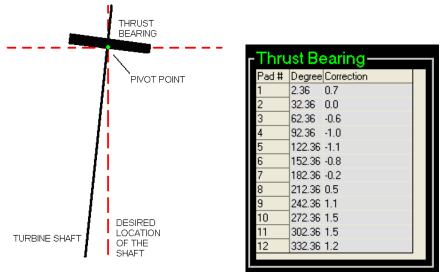


Figure 10. Thrust Bearing Corrections for Each Shoe



Figure 11. "Live Move" Mode