Probability distributions for translation error (millimeters) Normal distribution: location = 5.84710007751, scale = 5.5848133923 $Log Normal \ distribution: location = 2.19363843989, \ scale = 2.05525422322, \ shape = 1.05612732449$ Generalized Extreme Value distribution: location = 3.59748989211, scale = 1.28185364259, shape = -0.659623450979

15.22

Translation error histogram bins (millimeters)

17.81

20.40

23.00

4.84

7.43

10.03

12.62

25.59

28.19