*LIGO Laboratory / LIGO Scientific Collaboration*

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Install Manifold/Cryo Baf LHO ETM Y Test

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**Abstract**

This document presents the data for the LHO ETM Y Manifold/Cryo Baffle Installation Acceptance Test.

# Introduction

This document presents the data for the LHO ETM Y Manifold/Cryo Baffle Installation Acceptance Test.

# Acceptance Tests

12.9 in



Figure : Manifold/Cryo Baffle placed 2.0 in away from A1 Adapter at End Station



Pendulum Rod

Blade Spring

Figure : Close up of Blade Spring and 2-Wire Pendulum Suspension Mechanism



Outer Support Ring

Magnets

Cu Plate

Balance Weights

Fixed Weights

Figure : Magnet Gap and Balance Weights

## Y-Arm Manifold-Cryopump Baffle Alignment Test & Exit Check List

