

CALIFORNIA INSTITUTE OF TECHNOLOGY
Laser Interferometer Gravitational Wave Observatory (LIGO) Project

To/Mail Code: R. Savage/102-33
From/Mail Code: J. Hazel/102-33 *JH*
Phone/FAX: 395-8445/304-9834
Refer to: LIGO-E950014-00-D
Date: April 26, 1995

Subject: WEDGE ANGLE CHANGES FOR TEST MASS / LIGO PATHFINDER

This memo details the changes to the drawing titled Test Mass LIGO Pathfinder, drawing no. 1207105. The revision A for this drawing changes the wedge angle from $45^\circ \pm 2^\circ$.

The revision B changes are detailed below.

1. Move top view over front view.
2. Change wording of arrow etching note. The note read "Etch or grind .25 mm wide x 4 cm long ... centered, and within $.25^\circ$ of minimum thickness."
3. Add reference dimension for thickness.
4. Cylindricity tolerance was .2 mm, now .1.
5. Change all cm to mm dimensions for consistency.
6. Change wedge angles from $3 \text{ mm} \pm .5 \text{ mm} \times 45^\circ$ to $2.2 \pm .3 \text{ mm} \times 45^\circ$.
7. Right surface in side view was also labeled Surface 2.
8. Change wording of line etching note. The note read "Etch or grind .25 mm wide x 4 cm long line \perp to surface #1 3x"

jh:bb

cc:

S. Elieson
D. Jungwirth
Chronological File
Document Control Center