



ADVANCED TECHNOLOGY CENTER
3251 Hanover Street, Palo Alto, Ca 94304

**James Webb Space Telescope (JWST)
Near Infrared Camera (NIRCam)**



August 24, 2005

Mr. David Epner
Epner Technology, Inc.
Sales and Administration
78 Kingsland Avenue
Brooklyn, NY 11222

Mr. Epner,

I want to thank you and your company for your excellent work with the preparation and coating of our miniature optical integrating cavity. Your Epner gold coating, the polishing of the tapered optical light pipe and the Lambertian surface preparation for our prototype optical integrating cavity, has produced a test fixture that has exceeded our performance requirements.

This miniature optical integrating cavity is intended to provide a spatially uniform optical irradiance over a broad visible to far infrared spectrum. Our measurements have shown a performance almost identical to much larger high performance integrating spheres, while also providing excellent output into the infrared spectrum.

You and your staff have provided us with excellent feedback and useful improvements in simplifying the manufacture of our design, as we move toward the final flight design. This has led to program savings in both time and expense.

We look forward to further work with your company.

Yours truly,

A handwritten signature in black ink, appearing to read "Steve Somerstein".

Steve Somerstein
Staff Scientist
NIRCam Program