

DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

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June 21, 1982

Dr. Sander Weinreb
Associate Head
Electronics Division
National Radio Astronomy Observatory
2015 Ivy Road
Charlottesville, VA 22903

Dear Sandy:

There are at least three companies which have built deformable mirrors for adaptive optics. They are Itek Corporation, the Perkin-Elmer Corporation and United Technologies, Inc. The corresponding mailing addresses are:

- (1) John W. Hardy
Optical Systems Division
Itek Corporation
Lexington, MA 02173
- (2) Ronald P. Grosso or Martin Yellin
The Perkin-Elmer Corporation
Norwalk, CT 06856
- (3) R. H. Freeman
United Technologies Research Center
Optics and Applied Technology Laboratory
P.O. Drawer 4181
West Palm Beach, FL 33402

I do not know the individuals personally but have taken their names from various publications. These publications are:

- (1) John W. Hardy, "Adaptive Optics: A New Technology for the Control of Light", Proceedings of the IEEE, 66, 651-697, June 1978.
- (2) Ronald P. Grosso and Martin Yellin, "The Membrane Mirror as an Adaptive Optical Element", J. Opt. Soc. Am., 67, 399-406, March 1977.
- (3) R. H. Freeman and H. R. Garcia, "High-Speed Deformable Mirror System", Applied Optics, 21, 589-595, February 1982.
- (4) R. H. Freeman and J. E. Pearson, "Deformable Mirrors for all Seasons and Reasons", Applied Optics, 21, 580-588, February 1982.

If I can be of any further help, please do not hesitate to call.

Dr. S. Weinreb

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The aluminized mylar which you sent has arrived safely. We are looking forward to trying it on our experiment this summer. Thank you.

Sincerely,

Jeffrey H. Lang
Assistant Professor of
Electrical Engineering

JHL/en