

Professional staff 2: electrical engineering; mechanical engineering; 1 technician.
Field of R&D: Research on marking of plastics and plastic products; development of inks and color transfer media.

A35 ACROMETAL PRODUCTS, INC (c)
616 Fifth St N
Minneapolis, MN 55401
(612) 338-7543
Chmn: Fred J Bieber
Pres: William F Bieber
Dir of Research: Edward Harris
Chief Engineer: Clarence Steinback
Field of R&D: Manufacturing and insulating ferrous and non-ferrous fine wire, and packaging and handling of all types of wire

ACTRON
See McDonnell Douglas Corporation

A36 ACUREX CORPORATION
485 Clyde Ave
Mountain View, CA 94042
(415) 964-3200
Pres: Noel L Fenton
Sr V Pres & Chief Scientist: R M Kendall
V Pres: Don T Flood

.1 -Aerotherm Division (fct)
485 Clyde Ave, Mountain View, CA 94042
(415) 964-3200
Gen Manager: Louis J Alpinieri
Head of Lab: Eric Lindsten
Safety Officer: Vi Nicholson
Professional staff 65 (18 doctorates): mechanical, aeronautical, chemical and electrical engineering; 36 technicians and auxiliaries
Field of R&D: Applied research in heat transfer, aerodynamics, thermodynamics, aerothermochemistry, solid mechanics, environmental pollution and fluid mechanics

A37 ADAM LABORATORY (p)
118 E 28th St
New York, NY 10016
(212) 689-1562
Owner & Chief Chemist: Elisabeth Adam Kroo
Professional staff 3 (2 doctorates): chemistry; biology; medicine; 2 technicians and auxiliaries
Field of R&D: Analysis of finished products and raw materials on pharmaceuticals; extraction of biological active materials from natural sources

A38 ADAMAS CARBIDE CORPORATION
141 Market St
Kenilworth, NJ 07033
(201) 241-1000
Pres: Edward L Dreyer
V Pres of R&D: Herbert S Kalish

.1 -Central Research Laboratory (pcft)
141 Market St, Kenilworth, N J 07033
(201) 241-1000
Dir of R&D: Herbert S Kalish
Professional staff 9 (1 doctorate): metallurgy; mechanical engineering; 10 technicians
Field of R&D: Development of new grades of cemented tungsten carbide and cemented titanium carbide; improvement of the various carbides; fabrication techniques for cemented tungsten carbide and cemented titanium carbide; methods of producing metal powders and the compound carbide powders used in making cemented carbides

CLAY ADAMS
See Becton, Dickinson and Company

A39 R P ADAMS CO, INC (p)
225 E Park Dr
Buffalo, NY 14240
(716) 877-2608
Chmn: Renard P Adams
Pres: Robert J Adams
Dir of R&D: Harry Mould
Field of R&D: Heat exchange and liquid and gas filtration

A40 ADAMS RITE MANUFACTURING COMPANY (pf)
540 W Chevy Chase Dr
Glendale, CA 91204
(213) 241-5121

Pres: Arthur R Adams
V Pres: Peter D Adams
Dir of Engineering: Ralph Sheffer
Chief Engineer (Architectural Division): Bill Nail
Professional staff 10: mechanical engineering; 18 technicians and auxiliaries
Field of R&D: Development of mechanical control and locking devices for aircraft and general industrial applications; development of flight station controls and accessories, landing gear and engine controls, quadrants, and mechanical shaft locking and quadrant no-back devices

A41 ADAMS RUSSELL CO, INC
280 Bear Hill Rd
Waltham, MA 02154
(617) 899-2540
Chmn & Pres: Gerald J Adams
V Pres of Anzac Division: Raymond J Fredrik

.1 -Equipment Division (pf)
280 Bear Hill Rd, Waltham, MA 02154
(617) 899-2540
V Pres: John P Curtis
Field of R&D: Phased antenna array systems for direction finding, surveillance, countermeasures and communications for ground, air, ships and space; radio frequency and microwave devices; subsystems and components for measurement and control of phase and/or amplitude; multiple signal isolation, mixing, modulation and transmission of signals through noncontacting low noise rotary couplers; aircraft and space antennas

A42 ADAPTRONICS, INC (p)
Westgate Research Park
7700 Old Springhouse Rd
McLean, VA 22101
(703) 893-5450
Pres: Roger L Barron
V Pres & Dir of Operations: Dixon Cleveland
Professional staff 10 (1 doctorate): aeronautical instrumentation and control; control engineering; bioengineering; systems engineering; electronic engineering; mathematics
Field of R&D: Basic and applied research and development in multi-variate system modeling, pattern recognition, industrial processes control, adaptive and self-organizing control and guidance systems, and machine tool control

A43 ADCOLE CORPORATION (pf)
330 Bear Hill Rd
Waltham, MA 02154
(617) 899-3400
Pres: A D Cole
Professional staff 6: electrical engineering; 65 technicians and auxiliaries
Field of R&D: Research on sun sensing systems, scientific instruments for rockets and satellites, linear and radial electrooptical measuring techniques, cardiac pacemakers and other medical electronic devices

A44 ADDRESSOGRAPH MULTIGRAPH CORPORATION
20600 Chagrin Blvd
Cleveland, OH 44122
(216) 283-3000 Telex: 98-0123 Cable: ADDMULCOR
Pres & Chief Exec Officer: Charles L Davis
V Pres of Communications & Public Relations Officer: Alan G Easton

.1 -Multigraphics Development Center (pt)
19701 S Miles Rd, Warrensville Heights, OH 44128
(216) 587-6660
Dir: Robert A Tracy
Manager of Technical Services & Recruiting Contact: Wade A Huber
Librarian: M Jane Buckholz
Safety Officer: George Katchianes
Professional staff 56 (22 doctorates): chemistry; chemical engineering; electrical engineering; mechanical engineering; physics; 41 technicians and auxiliaries
Field of R&D: Basic, applied and product-oriented interdisciplinary research, development and engineering in material sciences, reprographic systems, supplies, electronics/electromechanical and staff engineering; research and development in chemistry and physics of materials, processes and equipment for image creation, data collection and transmission; duplicating and copying; micrographics and composition; coating processes