

SAN FERNANDO VALLEY ENGINEERS' COUNCIL

SAN FERNANDO VALLEY, CALIFORNIA

OBSERVING NATIONAL ENGINEERS' WEEK

FEBRUARY 21-27, 1982

NATIONAL ENGINEERS' WEEK THEME

"ENGINEERS: PIONEERING AMERICA'S REVITALIZATION"

HONOR AWARDS BANQUET DANCE SATURDAY NIGHT, FEBRUARY 27, 1982

— HONORARY ENGINEER OF THE YEAR —

RONALD REAGAN

PRESIDENT, UNITED STATES OF AMERICA

— ENGINEER OF THE YEAR — SAN FERNANDO VALLEY —

DR. PAUL B. MacCREADY

PRESIDENT, AEROVIRONMENT, INC.
PASADENA, CALIFORNIA

INTERNATIONALLY RECOGNIZED IN PIONEERING
SUPER LIGHTWEIGHT HUMAN AND
SOLAR POWERED AIRCRAFT

• • •

THE ODYSSEY

15600 Midwood Drive
Mission Hills, California

"Overlooking the San Fernando Valley"

DANCE WITH

"MARTI AND THE VIBRATIONS"

The Big Band Sound That You Will Enjoy

THE WHITE HOUSE
WASHINGTON

I am delighted to send my greetings to all members of the engineering profession as well as all members and officers of the San Fernando Valley Engineers' Council as you celebrate the 32nd annual National Engineers' Week. This is a celebration in which all Americans should join in appreciation of the great contributions of engineers to our society.

I am appreciative and honored that the San Fernando Valley Engineers' Council has named me "Honorary Engineer Of The Year - 1982.

It is no mere coincidence that the birth and rapid growth of this nation roughly parallel the birth and growth of the Industrial Revolution. We are a country created largely by enterprise and engineering - by human visions and ambitions transformed into reality by the creativity, skill, innovation, and hard work of engineers. Our society and our lives have been shaped and influenced by this powerful combination of forces, and engineers of many disciplines have played a critical part in the building of America.

As our country faces a period of new economic challenge, we recognize the important role engineers will play in the revitalization of our industrial society. We look to your ingenuity, talent and extended efforts to help us excel in an ever more demanding and competitive world. I know that Americans everywhere join me in this recognition of the importance of engineering, in the appreciation of your past accomplishments, and in our hopes and best wishes for your future success.

Ronald Reagan

CELEBRATING OUR 27th ANNIVERSARY

SAN FERNANDO VALLEY ENGINEERS' COUNCIL

SAN FERNANDO VALLEY, CALIFORNIA

Honor Awards Dinner - Dance

- SOCIAL HOUR 6:45 PM
- WELCOME 7:45 PM
Lloyd Higginbotham, FIAE, President
San Fernando Valley Engineers' Council
President
Marsallo Industries
Canoga Park, California
- SALUTE TO THE FLAG 7:45 PM
- DINNER 7:45 PM
- INTRODUCTION 7:45 PM
Lloyd Higginbotham
- PRESENTATION 7:45 PM
ENGINEERING '82 MERIT AWARDS

Presented by Dr. William F. Hassel, Vice President
San Fernando Valley Engineers' Council
Member Technical Staff, Systems Evaluation
The Aerospace Corporation
El Segundo, California

Presentation in alphabetical order:

William A. Barnett, Chief Production Operation
AFPRO Northrop Aircraft Division
Hawthorne, California

Donald W. Burt, Senior Project Engineer
Advanced Missiles System Division
Hughes Aircraft Company
Canoga Park, California

Carl H. Buss, Manager CATIS Software Development
Bunker Ramo Corporation
Westlake Village, California

● PRESENTATION

ENGINEERING '82 MERIT AWARDS

Robert R. Erickson, P.E., Chief Systems and Engineering Branch
Defense Logistics Agency
Contract Management Division
Administration Services Management Area Van Nuys
Van Nuys, California

Harold Hogarth, President
Lynco Grinding Company, Inc.
Bell Gardens, California

Robert A. Holzl, P.E., President
San Fernando Valley Laboratories
Dart Industries
Pacoima, California

Gabriel E. Jerahov, P.E., Principal Consultant CAD/CAM Systems
McDonnell Douglas Automation Company
Cypress, California

Charles J. LaForge, Electrical Engineer
Defense Logistics Agency
Contract Management Division
Administration Services Management Area Van Nuys
Van Nuys, California

James R. Peterson, P.E., Manager, Facilities Engineering
Hughes Aircraft Company
Los Angeles, California

Robert L. Swain, P.E., Project Manager SSME Materials & Processes
NASA, Marshall Space Flight Center
Canoga Park, California

Clifford Terry, Director Manufacturing Research & Development
Hydraulic Research - TEXTRON
Valencia, California

William A. Tracy, President
Nobel Engineering
Burbank, California

● PRESENTATION ENGINEERING '82 MERIT AWARDS

Ralph E. Valenzuela, P.E., F.I.A.E., District Engineer
City of Los Angeles, Bureau of Engineering
San Fernando Valley Offices
Van Nuys, California

Dr. Robert Y. Wong, P.E., School of Engineering & Computer Sciences
California State University Northridge
Northridge, California

● PRESENTATION - - - HONORARY ENGINEER OF THE YEAR AWARD - 1982

Ronald W. Reagan, President United States of America
Washington, D. C.

Accepting for President Reagan

Major General Forrest S. McCartney
Commander, Ballistic Missile Office
Air Force Systems Command
Norton Air Force Base, California

● PRESENTATION - - - EDUCATION ACHIEVEMENTS AWARD - 1982

Dr. Alfonso F. Ratcliffe, Dean
School of Engineering of Computer Science
California State University Northridge
Northridge, California

● PRESENTATION - - - ENGINEERING ACHIEVEMENTS AWARD - 1982

F. Keith Lampson, Director
Materials Engineering Department
The Marquart Company
Van Nuys, California

● PRESENTATION - - - ENGINEERING HUMANITARIAN AWARD - 1982

Fritz Huntsinger, Sr., Chairman of the Board
Vetco Offshore, Inc.
Ventura, California

● PRESENTATION - - - CONTRIBUTIONS TO ENGINEERING COMMUNITY AWARD - 1982

Dona Hoard, Past President & Member of Board
California Board of Registration for Professional Engineers
Sacramento, California

● PRESENTATION - - - DISTINGUISHED ENGINEERING COMMUNICATIONS AWARD - 1982

Roy Neal, NBC News Correspondent
Burbank, California

● PRESENTATION - - - ENGINEERING ACHIEVEMENTS AWARD - 1982

Paul N. Fuller, Chief Program Engineer
Space Shuttle Main Engine Program
Rocketdyne Division, Rockwell International
Canoga Park, California

● PRESENTATION - - - ENGINEER OF THE YEAR - SAN FERNANDO VALLEY - 1982

Dr. Paul B. MacCready, President
AeroVironment, Inc.
Pasadena, California

Presented by Ben R. Rich, Vice President and General Manager
Advanced Development Projects
Lockheed California Company
Burbank, California - 1981 Engineer Of The Year Recipient

● PRESENTATION - - - PETER RECCHIA OMNI MEMORIAL AWARD - 1982

Dr. Paul B. MacCready, President
AeroVironment, Inc.
Pasadena, California

Presented by Ben R. Rich, Vice President and General Manager
Advanced Development Projects
Lockheed California Company
Burbank, California - 1981 Recipient

● PRESENTATION - - - CALIFORNIA STATE LEGISLATIVE RESOLUTION

By Hon. Richard Katz, Assemblyman 39th District, San Fernando Valley
California - - to

Dr. Paul B. MacCready, President
AeroVironment, Inc.
Pasadena, California

● KEYNOTE ADDRESS

Dr. Paul B. MacCready, President
AeroVironment, Inc.
Pasadena, California

● CLOSING REMARKS - Lloyd W. Higginbotham, President
San Fernando Valley Engineers' Council

● DANCING FOR THE REMAINDER OF THE EVENING

MARTI AND THE VIBRATIONS

The Big Band Sound That You Will Enjoy



**SAN FERNANDO VALLEY ENGINEERS' COUNCIL
MEMBER SOCIETIES**

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS • AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS • AMERICAN INSTITUTE OF PLANT ENGINEERS • AMERICAN PRODUCTION AND INVENTORY CONTROL SOCIETY • AMERICAN SOCIETY OF MECHANICAL ENGINEERS • AMERICAN SOCIETY FOR METALS • AMERICAN SOCIETY OF NUCLEAR ENGINEERS • AMERICAN SOCIETY FOR QUALITY CONTROL • AMERICAN WELDING SOCIETY • ASSOCIATION FOR COMPUTING MACHINERY • CALIFORNIA SOCIETY FOR HOSPITAL ENGINEERING, INC. • CALIFORNIA SOCIETY OF PROFESSIONAL ENGINEERS • COMPUTER AND AUTOMATED SYSTEMS ASSOCIATION OF SME • INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS • INSTITUTE OF ENVIRONMENTAL SCIENCES • INSTRUMENT SOCIETY OF AMERICA • SOCIETY OF AEROSPACE MATERIALS AND PROCESS ENGINEERS • SOCIETY OF AUTOMOTIVE ENGINEERS • SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS • SOCIETY OF LOGISTICS ENGINEERS • SOCIETY OF MANUFACTURING ENGINEERS-99 • SOCIETY OF MANUFACTURING ENGINEERS-173 • SOCIETY OF MANUFACTURING ENGINEERS-197 • SOCIETY OF TECHNICAL WRITERS AND PUBLISHERS • SOCIETY OF VALUE ENGINEERS • SOCIETY OF WOMEN ENGINEERS



PREVIOUS WINNERS OF THE SAN FERNANDO VALLEY
ENGINEER OF THE YEAR AWARD

- 1959 Roy E. Marquardt, The Marquardt Corporation
- 1960 Richard Bradshaw, Consulting Structural Engineer
- 1961 Milford G. Childers, Lockheed California Company
- 1962 Paul R. Vogt, Rocketdyne
- 1963 George T. Harness, San Fernando Valley State College
- 1964 Ralph Balent, Atomics International
- 1965 Clarence L. Johnson, Lockheed California Company
- 1966 Steve J. Domokos, Rocketdyne
- 1967 James A. Broadston, Rocketdyne
- 1968 Dr. Arnold M. Levine, ITT Aerospace
- 1969 Willis M. Hawkins, Lockheed Aircraft Corporation
- 1970 Ralph A. Lamm, Bendix Electrodynamics
- 1971 Arthur A. Daush, Jr., Hughes Aircraft Company
- 1972 Dr. R. N. Ghose, American Mucleonics Corporation
- 1973 John J. Guarrera, SACOM
- 1974 Elliott A. Green, Lockheed California Company
- 1975 Mathew C. Ek, Rocketdyne
- 1976 Sam F. Iacobellis, Atomics International
- 1977 Lon L. Sanders, ITT Gilfillan
- 1978 Norman J. Ryker, Rockwell International
- 1979 Donald C. Tillman, City of Los Angeles
- 1980 Dominick J. Sanchini, Rocketdyne
- 1981 Ben R. Rich, Lockheed California Company



PAST RECIPIENTS OF HONORARY ENGINEER OF THE YEAR

- 1970 William Lear, Chairman of the Board, Lear Motors, Reno, Nevada
- 1971 Willard F. Rockwell, Jr., Chairman of the Board, Rockwell International
- 1972 Hon. Donald R. Jackson, Deputy Assistant Secretary, U.S. Air Force
- 1973 Daniel J. Haughton, Chairman of the Board, Lockheed Aircraft Corporation
- 1974 Dr. Christopher C. Kraft, Jr., NASA, Lyndon B. Johnson Space Center
- 1975 Burt F. Raynes, Chairman of the Board, Rohr Industries
- 1976 Grant L. Hansen, V.P. & General Manager, General Dynamics, San Diego
- 1977 Aaron Cohen, Mgr., Orbitor Project, NASA, Lyndon B. Johnson Space Center
- 1978 Astronaut Dr. David R. Scott, President Scott Preyss Associates, Inc., Los Angeles
- 1979 Major General James W. Stansberry, Washington, D. C.
- 1980 Elmer B. Staats, Comptroller General of the United States, Washington, D.C.
- 1981 Douglas T. Ross, Chairman of the Board, SOFTECH Inc., Waltham, Massachusetts



1982 ENGINEERS' WEEK COMMITTEE AND OFFICERS

SAN FERNANDO VALLEY ENGINEERS' COUNCIL

Lloyd W. Higginbotham, FIAE, President, SME
Dr. William F. Hassel, Vice President, AIAA
Roland V. Roggero, Secretary Treasurer, CHEA
Clifford B. Shiepe, P.E., Chairman Industry Advisory Committee
Leonard J. DiPeri, P.E., Chairman Financial Resources Committee, CSPE
Lawrence Souder, P.E., Chairman Display Committee, AIPE, CSPE, ASME
William B. Johnson, P.E., Honor Awards Committee, SME, CSPE, ASM
Norman Shaffier, P.E., FIAE, Chairman Banquet Committee
Jakob K. Jakobsen, P.E., Ticket Sales, ASME
James Ritchey, Ticket Sales, AIIE
Fred Daams, Ticket Sales, IEEE
Milton Snyder, Display Committee, CSPE
William J. Douthitt, P.E., Public Relations, ASSE
William Tracy, Chairman Public Relations, CASA
John Guarrera, P.E., Resolutions Chairman, IEEE
Sidney Steinfeld, P.E., Ticket Sales, SAVE

PETER RECCHIA OMNI MEMORIAL AWARD - 1982

The movies have their Oscar; the television industry has its Emmy; and the San Fernando Valley Engineers' Council presents for the tenth time, the Engineering Omni Award. This was presented to the Engineer of the Year-San Fernando Valley-1973, and thereafter, to each succeeding Engineer of the Year-San Fernando Valley. This beautiful, original trophy was conceived, designed and produced by Peter Recchia, P.E., SME, AIIE. Mr. Recchia was a dedicated supporter of the engineering community. When he passed away, the Omni Award was renamed, "Peter Recchia Omni Memorial Award."



IN APPRECIATION

Rocketdyne Division, Rockwell International
Energy Systems Division, Rockwell International
Bedford International
Southern California Gas Company
TRW
ITT Gilfillan
California State University Northridge
AirResearch Manufacturing
DiPeri Manufacturing Company
Hon. Richard Katz, Assemblyman 39th District
Society of Manufacturing Engineers, Chapters 99, 173, 197
Vetco Offshore
Marsallo Industries
Bunker Ramo Corporation
Lockheed California Company
Textron-Hydraulics Research

ENGINEERS:



PIONEERING AMERICA'S REVITALIZATION

NATIONAL ENGINEERS WEEK —
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