April 16, 1993
1:30 p.m.
The Langley Research Center extends its appreciation to Dr. Wesley L. Harris, Associate Administrator, Office of Aeronautics, for his participation in today's ceremony.
Program

Prelude . . . . . . Air Combat Command Heritage of America Band
Master of Ceremonies . . . . . . H. Lee Beach, Jr.
                     Acting Director
Presentation of Colors . . . . . . Langley Air Force Base Honor Guard
The National Anthem . . . . . . Air Combat Command Heritage of America Band
Remarks and Introduction . . . . . H. Lee Beach, Jr.
Address . . . . . . . Wesley L. Harris
                      Associate Administrator
                      Office of Aeronautics
Presentation of Awards . . . . . . Wesley L. Harris
                               H. Lee Beach, Jr
Citations Read By . . . . . . . . Sidney F. Pauls
                      Acting Deputy Director

Langley Awards

Contractor Excellence Award for Quality and Productivity
H.J.E. Reid

NASA Honor Awards

Public Service Group Achievement
Group Achievement
Public Service Medal
Equal Employment Opportunity Medal
Exceptional Service Medal
Exceptional Achievement Medal
Exceptional Engineering Achievement Medal
Exceptional Scientific Achievement Medal
Outstanding Leadership Medal
Distinguished Public Service Medal

Closing Remarks . . . . . . . . . . H. Lee Beach, Jr.
Refreshments
Langley Awards

Contractor Excellence Award for Quality and Productivity

The Contractor Excellence Award for Quality and Productivity recognizes contractors who have demonstrated sustained excellence and outstanding achievements in quality and productivity for three or more years.
Contractor Excellence Award for Quality and Productivity

is presented to

Advex Corporation (Finalist) accepted by Bennie E. Barnett

Technology Applications, Inc. (Finalist) accepted by C. Anderson King

Computer Sciences Corporation accepted by Madell Reynolds

Kelsey-Seybold Clinic accepted by Dr. Richard D. Hansen

Langley Awards
Langley Awards

H.J.E. Reid Award

The H.J.E. Reid Award recognizes the outstanding scientific or engineering paper first-authored by a Langley Research Center employee or group of employees.
The H.J.E. Reid Award

is presented to

Terence S. Abbott

for

The Outstanding Paper

entitled

“A Simulation Evaluation of the Engine Monitoring and Control System Display”
NASA Honor Awards

The National Aeronautics and Space Administration bestows singular honor in recognition of achievements by the following groups and individuals.
Public Service Group
Achievement Awards

Mississippi State University Grid Generation Research Team
accepted by
C. Wayne Mastin
For development and analysis of elliptic grid-generation techniques enabling Computational Fluid Dynamics to simulate fluid motion about complex aerodynamic configurations.

National Aero-Space Plane Program
On-Site Support Group for the National Program Office
accepted by
Paul L. Moses
For exceptional effort in providing direct on-site support to the Engine Design, Vehicle Reassessment and Vehicle Enhancement Teams during a critical period of the National Aero-Space Plane Program design evolution.

SPECTRON LITE Laser Development Team
accepted by
John C. Chang
For development of the space-qualified LITE laser transmitter module under extreme adverse conditions.

NASA Honor Awards
Group Achievement Awards

Coherent Lidar Airborne Shear Sensor Integration and Test Team
accepted by
Raymond S. Calloway
For aircraft integration and successful flight test of the Coherent Lidar Airborne Shear Sensor for detecting and displaying hazardous windshear ahead of the aircraft.

ERBE Data Management Team
accepted by
James F. Kibler
For outstanding contributions to the processing and archival of Earth Radiation Budget Experiment data, including over five years of science products from three different satellites.

NASA Honor Awards
Group Achievement Awards

GTE Atmospheric Boundary Layer Experiment Science and Project Team
accepted by
James M. Hoell, Jr.
For outstanding contributions to the understanding of the arctic and subarctic biosphere as a source and sink for atmospheric greenhouse gases.

High-Angle-of-Attack Pitch Control Design Criteria Team
accepted by
Marilyn E. Ogburn
For exceptional accomplishments in developing high-angle-of-attack pitch control design guidelines vital to the effective development of advanced combat aircraft.

NASA Honor Awards
13
Group Achievement Awards

HL-20 Personnel Launch System Technical Definition Team
accepted by
Howard W. Stone, Jr.
For excellence in establishing the Langley HL-20 lifting body as a technically and economically viable personnel launch system concept.

Hybrid Laminar Flow Nacelle Flight Validation Team
accepted by
Fayette S. Collier, Jr.
For outstanding contributions to the design, fabrication, installation and flight validation of the hybrid laminar flow drag reduction technique on a modern turbofan engine nacelle.
Group Achievement Awards

Materials Division Advanced Aircraft Program Team
accepted by
Anne K. St.Clair
For exceptional contributions to the development of advanced polymeric materials for aerospace use.

National Aero-Space Plane Aerodynamic/Aerothermodynamic Assessment Team
accepted by
Thomas J. Horvath
For exceptional dedication and innovation in the fast-paced aerodynamic/aerothermodynamic assessment of national Aero-Space Plane Consortium Configuration 201.
Group Achievement Awards

National Aero-Space Plane Nonintrusive Diagnostics Team
accepted by
Reginald J. Exton

For exceptional contribution to the National Aero-Space Plane Program by applying newly developed nonintrusive flow field diagnostic techniques to obtain critical hypersonic flow field measurements.

Strategic Culture Assessment for the Nineties Team
accepted by
Richard R. Antcliff

For positively impacting the quality of life at Langley Research Center by providing a focus for employee recommendations.

NASA Honor Awards

16
Group Achievement Awards

UARS Infrared Balloon Experiment (IBEX/FIREX) Team
accepted by
Charles W. Stump

For outstanding scientific and engineering contributions of the IBEX/FIREX project team in support of the Upper Atmosphere Satellite Correlative Measurements Program.

Variable Day Schedule Implementation Team
accepted by
John J. Cox

For outstanding contributions toward implementation of the Variable Day Schedule at the Langley Research Center.

NASA Honor Awards
Group Achievement Awards

Wind Shear Airborne Systems Research Team
accepted by
David A. Hinton
For exceptional service over a sustained period that has contributed significantly to the success of the airborne wind shear detection and avoidance program.

Wind Shear Aircraft Support and Flight Operations Team
accepted by
John J. White II
For exceptional service in meeting objectives of the wind shear sensor systems flight tests aboard the Transport Systems Research Vehicle.

NASA Honor Awards
Group Achievement Awards

Wind Shear Radar Real-Time Processor Development and Flight Integration Team
accepted by
Philip R. Schaffner

For development and successful operation of a real-time signal processor and its integration with the airborne radar sensor for detecting and displaying hazardous wind shear ahead of the aircraft.
Public Service Medal

is presented to

Oktay Baysal
Old Dominion University

For exceptional contributions to NASA’s basic research and technology program through personal research and the direction of graduate research.

NASA Honor Awards
Public Service Medal

is presented to

Alfred M. Buoncristiani
Christopher Newport University

For significant contributions to NASA's Advanced Laser Systems Development Programs for use in spaceborne remote sensing.
Public Service Medal

is presented to

Gene Haertling
Clemson University

For contributions of National significance in new high-technology ceramics, including piezo-electric materials matrices and high-temperature super-conductive materials concepts.

NASA Honor Awards
Public Service Medal

is presented to

Daniel J. Lahti
General Electric Aircraft Engines

For outstanding leadership and technical direction of the development of laminar flow control drag reduction techniques applied to modern turbofan engine nacelles.

NASA Honor Awards

23
Public Service Medal

is presented to

Jim A. Penland
Distinguished Research Associate

For major contributions to
the advancement of hypersonic aerodynamics technology
through voluntary personal commitment.

NASA Honor Awards

24
Equal Employment Opportunity Medal

is presented to

Donna M. Speller

For outstanding leadership and significant personal contribution in advancing equal opportunity at Langley Research Center and in the local community.

NASA Honor Awards 25
Exceptional Service Medal

is presented to

Lois H. Breen

For exceptional services associated with Langley Research Center Computerized Facilities Preventive Maintenance Program and safety-related environmental tasks.
Exceptional Service Medal

is presented to

Robert A. Bruce

For exceptional service as Chief Engineer of the Facilities Engineering Division in the design and development of facilities in support of Langley's aeronautics and space mission.

NASA Honor Awards
Exceptional Service Medal

is presented to

Elizabeth F. Buchan

For exceptional performance in support of the

Aeronautics Directorate.
Exceptional Service Medal

is presented to

Raymond S. Calloway

For sustained outstanding achievement in flight instrumentation project management which contributed significantly to multidisciplinary advancements in aircraft technology.
Exceptional
Service Medal

is presented to

Velma L. Clark

For outstanding contributions and excellence in administrative support of research and development and Construction of Facilities projects at the Langley Research Center.
Exceptional Service Medal

is presented to

Cassandra G. Favor

For exceptional service and professionalism as the Financial Chairman of the Combined Federal Campaign for Langley Research Center.

NASA Honor Awards 31
Exceptional Service Medal

is presented to

George F. Helfrich

For exceptional service and leadership in protecting NASA's intellectual property rights and in the prosecution of patents covering Langley researchers' inventions.

NASA Honor Awards

34
Exceptional Service Medal

is presented to

Charles H. Hudgins

For exceptional service in the development of the Langley In-Situ Ozone System and support to the NASA Global Tropospheric Experiment.

NASA Honor Awards 35
Exceptional Service Medal

is presented to

Mary Morgan Cox Hunter

For exceptional service in the development and execution of the Construction of Facilities Program, resulting in the required facilities and systems to support Langley's mission and goals.
Exceptional Service Medal

is presented to

Norman J. Johnston

For outstanding contributions in advancing structural composites technology.
Exceptional Service Medal

is presented to

Elijah C. Kent

For exceptional service in defining and implementing program assurance provisions on spaceflight projects.
Exceptional Service Medal

is presented to

Jeffrey A. Parker

For lasting technical and management contributions to the National Aeronautics and Space Administration.
Exceptional Service Medal

is presented to

David W. Pierpont

For outstanding efforts and contributions in sustaining the reliability of unique research facilities at the Langley Research Center.

NASA Honor Awards
Exceptional Service Medal

is presented to

Thomas G. Popernack

For exceptional service in combining technical expertise and managerial skills in providing NASA with safe and reliable fluid systems and cryogenic capability in National Facilities.

NASA Honor Awards
Exceptional Service Medal

is presented to

Charles A. Poupard

For significant contributions in support of research conducted in the 16-Foot Transonic Tunnel Complex.
Exceptional Service Medal

is presented to

Sandra S. Ray

For exceptional leadership and service in the acquisition of Federal Information Processing resources and in the development and improvement of processes in support of the research mission of the Langley Research Center.
Exceptional Service Medal

is presented to

Mickey G. Rowe

For outstanding leadership in the development and management of the Central Scientific Computing Center at Langley Research Center.

NASA Honor Awards

44
Exceptional Service Medal

is presented to

John J. Snoha

For contributions to the development of advanced composite materials.

NASA Honor Awards 45
Exceptional Service Medal

is presented to

Clarence E. Stanfield

For exceptional service in composite research and development for NASA aerospace programs.
Exceptional Service Medal

is presented to

Janice R. Wunder

For outstanding contributions and individual excellence in support of NASA personnel programs.
Exceptional Achievement Medal

is presented to

Burt R. Emerson, Jr.

For outstanding achievement in the design of new test methods for NASA Langley's Advanced Aircraft Program.

NASA Honor Awards
Exceptional Achievement Medal

is presented to

Purnell Hopson, Jr.

For outstanding contributions in the design, development and application of direct-deposit thin-film sensor fabrication technology.
Exceptional Achievement Medal

is presented to

Vivian B. Merritt

For outstanding management of Langley's Discrimination Complaints Program.
Exceptional Achievement Medal

is presented to

Lawrence E. Putnam

For exceptional achievement in developing the National Transonic Facility into a viable research tool.

NASA Honor Awards
Exceptional Achievement Medal

is presented to
James R. Rooker

For exceptional engineering service in resolving the 8-Foot High Temperature Tunnel Combustor Deflagration/DDT issues that allowed timely and safe checkout of this nationally important facility.

NASA Honor Awards
52
Exceptional Achievement Medal

is presented to

Carroll W. Rowland

For significant contributions to the development, testing and integration of the Lidar In-Space Technology Experiment.

NASA Honor Awards

53
Exceptional Achievement Medal

is presented to

Gary P. Stergin

For outstanding contributions toward increasing the reliability of National Transonic Facility operations.

NASA Honor Awards 54
Exceptional Achievement Medal

is presented to

William L. Willshire, Jr.

For outstanding contributions to acoustics flight research involving the high-speed civil transport climb-to-cruise noise and effect of atmospheric turbulence on sonic boom.
Exceptional Achievement Medal

is presented to

Mark W. Wynkoop

For outstanding achievement in the design, development, fabrication and testing of the Wind Shear electronic systems.
Exceptional Engineering Achievement Medal

is presented to

Jer-Nan Juang

For exceptional and sustained contributions to the development of system identification methods for the control of aerospace vehicles.
Exceptional Engineering Achievement Medal

is presented to

Charles R. McClinton

For exceptional engineering achievement in advancing the practical application and experimental validation of computational fluid dynamics analyses for hypersonic propulsion systems.
Exceptional Engineering Achievement Medal

is presented to
Leonard M. Weinstein
For the development of advanced high-speed fluid dynamics measurement technology.
Exceptional Scientific Achievement Medal

is presented to

Jack Fishman

For outstanding contributions to the understanding of the photochemistry of the Earth's lower atmosphere.
Exceptional Scientific Achievement Medal

is presented to

Patrick Minnis

For outstanding contributions to advancing the understanding of clouds and their effect on the Earth's radiation budget and climate.
Exceptional Scientific Achievement Medal

is presented to

Anne K. St. Clair

For exceptional contributions to the development of polymer films and coatings for aerospace use.
Exceptional Scientific Achievement Medal

is presented to

Lawrence W. Townsend

For outstanding contributions to the nuclear interactions of cosmic radiation with matter and its implications for space-radiation exposure and shielding.
Exceptional Scientific Achievement Medal

is presented to

John W. Wilson

For outstanding contributions to ionizing-radiation transport theory and leadership in refining this discipline.
Outstanding Leadership Medal

is presented to

Joseph R. Chambers

For outstanding leadership and management of research in high-angle-of-attack technology and laminar flow control, producing extremely significant advances in technology for military and civil aircraft.

NASA Honor Awards 65
Outstanding Leadership Medal

is presented to

Stewart L. Ocheltree

For outstanding leadership in establishing and advocating an Agency and Center aerospace measurement technology program that advances the state of the art with focused research, development and application tasks.

NASA Honor Awards 66
Distinguished Public Service Medal

is presented to

John L. Whitesides

For developing the JAFS Program which provides continuing and outstanding contributions to the on-site graduate research and education opportunities at Langley Research Center.

NASA Honor Awards 67