

The National Advisory Committee for Aeronautics  
awards to

I. Irving Pinkel

the  
NACA

Distinguished Service Medal  
For Outstanding Scientific Achievement in Aeronautics

His scientific research on causes of fire and of impact hazards in aircraft crashes led to successful demonstrations of fire prevention equipment and to principles of seat design that enhance passenger safety.

Signed and sealed at Washington, D.C.,  
this eighteenth day of April,  
Nineteen Hundred and Fifty Seven



*J. H. Foolish*  
Chairman

Attest: *[Signature]*  
Executive Secretary





# National Aeronautics and Space Administration

To all who shall see these Presents, Greeting:

Know Ye, That, reposing special trust and confidence in the Integrity and Ability of \_\_\_\_\_ J. Irving Pinkel \_\_\_\_\_, I do, in accordance with authority vested in me by the National Aeronautics and Space Act of 1958, designate him a member of the Research Advisory Committee on Aircraft Operating Problems \_\_\_\_\_ of the National Aeronautics and Space Administration.



In testimony whereof, I have subscribed my signature and caused the seal of the National Aeronautics and Space Administration to be hereunto affixed at the City of Washington, this first day of July, 1960.

*Heinrich Glesner*  
Administrator.





# National Advisory Committee for Aeronautics

To all who shall see these Presents, Greeting:

Know Ye, That, reposing special trust and confidence in the Integrity and Ability of J. Irving Pinkel, I do, in accordance with law and the regulations approved by the President of the United States, appoint him a member of the Subcommittee on Flight Safety of the National Advisory Committee for Aeronautics.



In testimony whereof, I have subscribed my signature and caused the seal of the National Advisory Committee for Aeronautics to be hereunto affixed at the City of Washington, this first day of January, 1955.

Attest:

*J. Henseler*  
Chairman

*J. Henseler*  
Executive Secretary





C-2010-5659



National Aeronautics and Space Administration  
John H. Glenn Research Center at Lewis Field





C-2010-5658



National Aeronautics and Space Administration  
John H. Glenn Research Center at Lewis Field





C-2010-5662



National Aeronautics and Space Administration  
John H. Glenn Research Center at Lewis Field





NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
MANNED SPACECRAFT CENTER  
HOUSTON, TEXAS 77058

REPLY TO  
ATTN OF: CA

June 16, 1972

Mr. I. Irving Pinkel  
Director of Aerospace Safety  
Research and Data Institute  
NASA Lewis Research Center  
Cleveland, Ohio 44135

Dear Irv:

On this occasion of your NASA retirement, several of your former Flight Research employees at Houston are proud to recall numerous programs wherein we enjoyed your expert guidance:

- Instruction in Aerodynamics I at Case Institute's night school
- Icing research with B-24, B-25, B-29 and F-82
- Air-launched ramjets from B-29 and F-82
- Heat transfer missiles launched from F-82 and F2H
- Aircraft-crash fire and acceleration research
- Turbojet noise reduction static test research and B-47 demonstration
- F-84 thrust reverser tests
- First flight application of hydrogen fuel in B-57
- Zero-g research flights in AJ-2
- Ignition source analysis for Apollo spacecraft

In addition, we particularly admired your unique ability to lecture and present research results in a clear and logical manner.

We all enjoyed working for you and will long remember your outstanding contributions.

*Joe Algranti*                      *Warren North*  
*Kenneth S. Klunkner*          *H.E. "Bud" Kern*  
*Fred W. Haise*                   *Scott H. Simpson*





Special Recognition Award

PRESENTED TO

J. Irving Pinkel

FOR YOUR  
OUTSTANDING DEDICATION  
TO AVIATION  
AS A  
DISTINGUISHED RESEARCHER  
WITH  
NASA LEWIS RESEARCH CENTER

*Paul W. Sobolevsky*

PRESIDENT

AUGUST, 1982





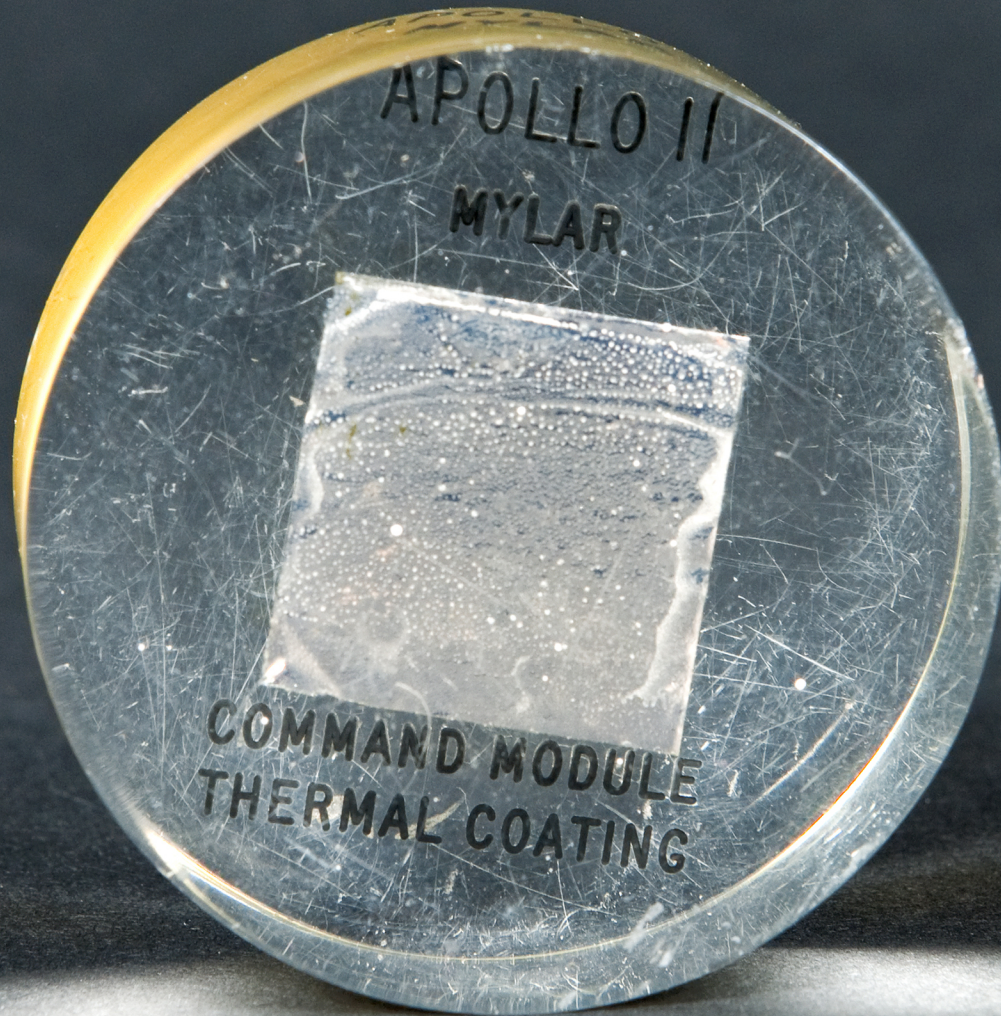


C-2010-5660



National Aeronautics and Space Administration  
John H. Glenn Research Center at Lewis Field







first shuttle flight  
achievement award



The crew of Columbia is pleased to present you with this medallion in appreciation of your contribution to the success of the First Manned Orbital Flight of the Space Shuttle.



MANNED FLIGHT AWARENESS

*John Young*

*Bob Crippen*



Presented to  
IRVING I. PINKEL

This flag was flown aboard Space Shuttle "Columbia" (STS-1) April 12 - 14, 1981. It is presented to you in recognition of the significant contribution you made to the success of the mission.

*Christine A. Hoff*  
Director, Lyndon B. Johnson Space Center  
*John Young*  
*Bob Crippen*  
Robert Crippen



836





### The Laura Taber Barbour Air Safety Award

*Established in memory of Laura Taber Barbour to recognize outstanding achievement in the field of aviation safety - military or civil - in method, design, invention, study or other improvement. The Award is administered by the Flight Safety Foundation.*

*This Certifies That The Award For The Year*

**1956**

*has been presented to*

**J. Irving Winkel**

**and Associates**

**Dugald O. Black · Gerard J. Pesman · G. Merritt Preston**

*for*

*Development of a system to suppress crash fires*

*Laura Taber Barbour Air Safety Award Board*

*Jerry Lederer* Chairman

*John H.R. Arms* Secretary

*Members Of The Board Of Award*

- |                       |                                       |
|-----------------------|---------------------------------------|
| <u>Jerome Lederer</u> | Clifford E. Barbour, Hon. Co-Chairman |
| <u>John H.R. Arms</u> | Prince Bernhard of the Netherlands    |
| <u>Luis de Florez</u> | <u>E.S. Land</u>                      |
| <u>Grover Loening</u> | <u>J. Carlton Ward, Jr.</u>           |
| Frazier B. Wilde      |                                       |