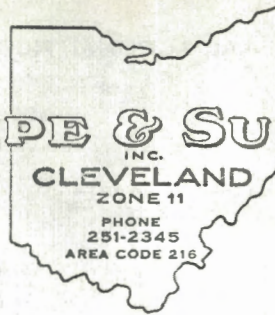


OCT 7 1966

OHIO PIPE & SUPPLY CO.

OFFICES AND WAREHOUSE



14615 LORAIN AVENUE

Oct. 5, 1966

N. A. S. A.
Lewis Research Center
21000 Brook Park Rd
Cleveland, Ohio

Attention: Dr. Abe Silverstein, Director

Dear Dr. Silverstein:

Thank you very much for the opportunity extended to me and my son, James W. Irwin, to spend the day celebrating the 25th year of the Lewis Research Center.

The entire day was characterized by a most orderly program demonstrating and illustrating some of the results, as well as some of the problems, this great institution is responsible for.

We, at Ohio Pipe & Supply Company, compliment ourselves on the small part we have had providing service and products for the carrying on of this work over the years.

We wish you all success in the accomplishment of each and every problem with which you are faced.

Thank you again

Yours very truly,

OHIO PIPE & SUPPLY CO., INC.

J. W. Irwin, President

JWI:HEK

A large, stylized handwritten signature in dark ink, which appears to read "J. W. Irwin", is written over the typed name of the president.

16

YEARS
OF SERVICE



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

LEWIS RESEARCH CENTER

21000 BROOKPARK ROAD

CLEVELAND, OHIO 44135

TELEPHONE: 216-433-4000

TWX: 216-433-4766

TELEX: 098-5218

IN REPLY REFER TO:

September 30, 1966

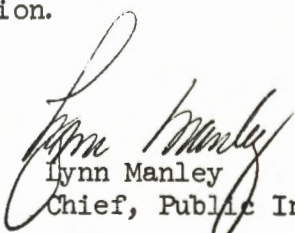
MEMO TO EDITORS:

We are pleased to learn you have accepted Dr. Abe Silverstein's invitation to attend the 1966 NASA-Lewis Inspection, October 4-7. I look forward to seeing you personally during your visit to the Lewis Center.

For your information and assistance, we are establishing a News Room which will be operated and staffed throughout the Inspection. It will be located in Room 1204 in the Development Engineering Building, where you will be registering for the Inspection. Press kits containing background material relating to NASA-Lewis and the Inspection will be available in the News Room, as well as the usual telephones, typewriters and coffee. Incidentally, should you desire to leave a telephone contact at your home office, the News Room number is 433-4000, extensions 6120, 6131 and 6136

When you arrive for the Inspection, please go direct to the Development Engineering Building, located across from the main entrance to Lewis, where you will be requested to register alphabetically with other attendees. There will be a \$3.00 registration fee to defray expenses for the luncheon, coffee breaks and a reception. You will be placed in a regular tour group which is probably the best way to learn firsthand just what is happening at Lewis. Press officers from the Public Information Office will be available to provide assistance.

Again, we look forward to seeing you personally. Please feel free to call my office for any necessary information.


Lynn Manley
Chief, Public Information

(1a)

OCT 6 1966

THE PLAIN DEALER

OHIO'S LARGEST MORNING AND SUNDAY NEWSPAPER

1801 SUPERIOR AVENUE

CLEVELAND, OHIO 44114

OFFICE OF
F. WILLIAM DUGAN

Vice President and General Manager

AREA CODE 216
523-4216

October 5, 1966

Dr. Abe Silverstein
Lewis Research Center
National Aeronautics and Space Admin.
Brookpark Road
Cleveland, Ohio

Dear Doctor:

Again, I want to thank you for a most interesting
and informative day at your Center, and to thank you and your
associates for your hospitality.

Sincerely yours,



F. Wm. Dugan/fa

2a

OCT 10 1966

The University of Wisconsin - Milwaukee

MILWAUKEE, WISCONSIN 53211 • 414-228-4768

October 5, 1966

● COLLEGE OF APPLIED SCIENCE & ENGINEERING
OFFICE OF THE DEAN

Dr. Abe Silverstein
NASA Research Center
21000 Brookpark Rd.
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I greatly appreciated the opportunity to attend the 1966 inspection of the Lewis Research Center yesterday. The visit was most instructive and rewarding. Your staff is to be complimented on the excellent presentations made and the efficiency with which the tours were conducted.

Again my thanks.

Sincerely,

James G. Van Vleet
James G. Van Vleet
Assistant Dean

JGV/wb

26

OCT 10 1966



AEROJET-GENERAL CORPORATION

1120 CONNECTICUT AVENUE, N. W.

WASHINGTON, D. C. 20036

W. F. RABORN
VICE PRESIDENT-GENERAL REPRESENTATIVE

6 October, 1966

Dear "Abe":

It was a rare privilege to view the outstanding work, accomplishments, and unique talents of the Lewis Research Center, this past Tuesday. All of us came away with a feeling of profound respect and great admiration for the tremendous accomplishments and value of the Center in our national life and continuing in the years to come.

For this, may I respectfully give you my own personal admiration and highest compliments for your tremendous leadership so evident in the Center. I am sure that all who attended carried away with them a feeling that we owe you a debt of gratitude.

May I again thank you for inviting me to be present with your distinguished guests. All good wishes.

Sincerely,

A handwritten signature in cursive script that reads "W.F. Raborn".

W.F. Raborn

Dr. Abe Silverstein, Director
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

3a



AEROJET-GENERAL CORPORATION

1120 CONNECTICUT AVENUE, N. W.

WASHINGTON, D. C. 20036

W. F. RABORN
VICE PRESIDENT-GENERAL REPRESENTATIVE

6 October, 1966

Dear "Gene":

It would be most difficult to adequately express my profound admiration and warm praise for the splendid Inspection at which I was privileged to be present this past Tuesday.

Heartiest congratulations to you all!

Sincerely,

W.F. Raborn
Vice President-General
Representative, AGC

Mr. Eugene Manganiello
Deputy Director
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

WFR:mg

38

THE UNIVERSITY OF AKRON
AKRON, OHIO 44304

OCT 7 1966

DEAN OF THE GRADUATE DIVISION

October 6, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I want to thank you for the splendid hospitality provided by the Lewis Research Center at yesterday's inspection tour. Never before have I seen such excellent demonstrations accompanied by such effective briefing. Also I was impressed by the efficiency with which the large operation was run. I don't believe we were a minute off schedule all day. In short, it was a magnificent operation of informing us of some of the many things you do.

Sincerely yours,



Ernest H. Cherrington, Jr.
Dean and Professor of Astronomy

EHC:mb1

4a

OCT 10 1966



BELL AEROSYSTEMS - A **Textron** COMPANY

4515 SUPERIOR AVENUE • CLEVELAND, OHIO 44103 • AREA CODE 216 PHONE: 391-6040

625:6:1006-5:SSM/av

October 6, 1966

Dr. A. Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

I wanted to tell you how deeply impressed I was by the quality and the organization of the 1966 Lewis Research Center Inspection which I attended last Tuesday.

You and your staff deserve the highest commendation for the excellence of the presentation and the opportunity of updating industry with the work you are doing.

I shall certainly look forward to attending any future inspections which the Lewis Research Center might sponsor.

Very truly yours,

BELL AEROSYSTEMS COMPANY

S. S. Minault, Manager
Cleveland Operations

SSM@

48



Ohio Chamber of Commerce

820 Huntington Bank Building Columbus, Ohio 43215 ■ Telephones 224-1268
224-6245

October 6, 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

It was indeed a privilege to be permitted to attend the 1966 Inspection of the Lewis Research Center yesterday.

By 4:15 p.m. I was nearly numb as a result of the tremendous amount of information that had been presented so succinctly and graphically during the course of the day. A review this morning of the silver booklet "Research and Technology on Propulsion, Space Power and Space Vehicles" did much to refresh my recollection of the many things presented yesterday. Fortunately for me, Mr. Hendrix, a physicist on your staff, accompanied me and was most helpful in explaining many details which time would not permit your lecturers to present.

As a retired Air Force officer and a staff member of the Ohio Chamber, I am grateful to you for the opportunity to update my knowledge in this rapidly moving area.

Best wishes for many more successful annual inspections.

Sincerely,

JOHN E. SENN
Administrative Assistant -
Legislation

5a

JES/pnk

Important To Each Thinking Ohioan: November 8 -- General Election

EXECUTIVE VICE PRESIDENT
PAUL J. DAUGHERTY

PRESIDENT
RALPH R. BALDENHOFER
PRESIDENT
THE THOMPSON GRINDER COMPANY
SPRINGFIELD, OHIO

CHAIRMAN OF THE BOARD
BARTON A. HOLL
PRESIDENT AND GENERAL MANAGER
THE LOGAN CLAY PRODUCTS COMPANY
LOGAN

TREASURER
JAMES J. HARBAGE
VICE PRESIDENT
THE OHIO NATIONAL BANK
COLUMBUS

OCT 10 1966



City of Cleveland

RALPH S. LOCHER
MAYOR

October 6, 1966

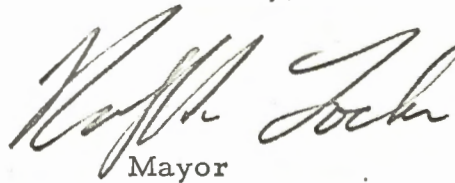
Dr. Abe Silverstein, Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

Thanks for inviting me to attend the 1966 Inspection of the
Lewis Research Center - October 4 through 7.

I had a fine time, and the visit proved an interesting
experience for me.

Sincerely,


Mayor

RSL:mva

58

OCT 7 1966

THE CLEVELAND STATE UNIVERSITY
EUCLID AVENUE AT 24 STREET
CLEVELAND, OHIO 44115

PHONE 771-0250

October 6, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
21000 Brookwood Road
Cleveland, Ohio 44135

Dear Abe:

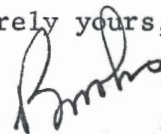
It was a genuine privilege to attend your 1966 Inspection of the Lewis Research Center yesterday. The quality and quantity of research activities were incredible.

I doff my hat to the young men assigned to describe the various areas of research. They were magnificent in interpreting deep scientific efforts within the grasp of the lay public. I may be a little biased, of course, but I thought John Shannon, Fenn (C.S.U.) alumnus did an exceptionally professional job.

It was good too, to run into an old friend - General (Bob) Seedlock.

It was a day well spent, and I'm most appreciative.

Sincerely yours,



G. Brooks Earnest

GBE:jj

6a

OCT 7 1966



Colt Industries Inc.
Chandler Evans Inc
Control Systems Division

704 Hulman Building
120 West Second Street
Dayton, Ohio 45402
Tel.: 513/223-4169

October 6, 1966

Mr. Abe Silverstein, Director
NASA- Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

I was fortunate in being able to take the place of Mr. Guy Shafer, President of Chandler Evans, at your open house on October 4th. It was not only interesting and educational but it also was a stimulating day. I only regret that there was not time to ask some of the questions that kept popping into my head as we were whisked from station to station. Your people really outdid themselves - each exhibit and lecture were better than the ones before.

As a result of this tour, I plan to revisit your facilities, in particular the air breathing laboratory. Chandler Evans has been vitally interested not only in keeping abreast with the latest state-of-the-art in fuel control systems, but also in the total concept of engine control from inlet to exhaust. We are looking forward to cooperating with your facilities in the exchange of knowledge and with the goal of working together on programs.

Again, may I thank and congratulate you on a very fine open house.


N. C. Heilman
Manager
Midwest District

NCH:iw

68

OCT 10 1966



DYNASIL CORPORATION of AMERICA
manufacturers of *Dynasil* high purity fused silica

October 6, 1966

National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

ATTENTION: Dr. Abe Silverstein, Director

Dear Dr. Silverstein:

Congratulations on doing a first-class job!
We toured your installation on 10/4/66. The tour
was both informative and enjoyable; but, most im-
pressive of all was that everyone attached to Lewis
that we came in contact with — the hostesses, the
guides, the speakers, and even the bus-drivers —
seemed so well informed.

The impression we departed with was one of con-
fidence in the people responsible for our space program.

Very truly yours,

DYNASIL CORPORATION OF AMERICA

Martin Saepoff
President

MS:d

7a

GENERAL  ELECTRIC
COMPANY

OCT 7 1966

DEFENSE ELECTRONICS
DIVISION

SPECIAL INFORMATION PRODUCTS
DEPARTMENT

COURT STREET, SYRACUSE, N. Y. 13201 . . . TEL. AREA 315 . . . DIAL 456 Plus EXT.*

October 6, 1966

Dr. Abe Silverstein, Director
NASA Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

Yesterday I had the pleasure of attending your 1966 Inspection of the Lewis Research Center. I would like you to know that I was most favorably impressed by what I saw and heard. In the twenty years I have spent in the missile and space business, your Inspection represents the best I have ever observed either by industry, trade associations, or other government agencies. This is based not only on the technical content covering past accomplishments and future plans but also on the professionalism of the presenters, the displays, and working demonstrations.

Thank you for including me on your invitation list.

Very truly yours,



Charles C. Botkin, Manager
Radio Guidance & Support Operation
Special Information Products Department

CCB:hc

CC: J. F. Burlingame

76



TARGET - ZERO DEFECTS PERFECT PERFORMANCE . . . EVERY TIME!

OCT 10 1966

LOCKHEED AIRCRAFT CORPORATION

BURBANK, CALIFORNIA 91503

COURTLANDT S. GROSS
CHAIRMAN

6 October 1966

Dr. Abe Silverstein
Director, Lewis Research Center
National Aeronautics and Space Administration
Cleveland, Ohio

Dear Dr. Silverstein:

I want to tell you again how grateful I am to have had the chance to visit your Center today. You were very gracious indeed to spend so much time with all of your guests. All in all, it could not have been a more pleasant and interesting day.

Sincerely,

Courtlandt S. Gross

Courtlandt S. Gross

CSG:jl

80

OCT 6 1966

Please Visit Our New Attractive
Showroom At 1938 Euclid Ave.
Free Indoor Parking At Rear Entrance

THE MORSE GRAPHIC ART SUPPLY COMPANY

1938 EUCLID AVE.
CLEVELAND, OHIO, 44115
PHONE 621-4175



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DISTRIBUTORS OF
COLD PRESSED AND HOT PRESSED OMEGA ILLUSTRATION BOARDS-M G A RUBBER CEMENT
CRAFTINT PRODUCTS

NASA
21000 Brookpark Rd
Cleveland, Ohio 44135

October 5, 1966

Gentlemen -

The visit to your Lewis Research Center
was a truly memorable experience for me.
It is very exciting to see the latest
of your marvels in science for space
and travel and I also wish to express
appreciation for the fine hospitality and
courtesies shown by your employees
at every turn.

May I wish you continued success
and good luck for a long future.

Sincerely yours -

Larry Morse

(86)

OCT 10 1966

NORTH CAROLINA STATE UNIVERSITY AT RALEIGH

SCHOOL OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING
Box 5246 ZIP 27607

October 7, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
21000 Brookpark Avenue
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I had the pleasure of attending the 1966 Inspection of the Lewis Research Center on October 4, 1966. and am very pleased to say that the presentations, exhibits and organization were all outstanding. You and your associates have done an excellent job.

I would like you to know that the visit was very informative and rewarding to me. Please accept my best wishes for continued success.

Sincerely yours,



H. A. Hassan
Professor of Mechanical and
Aerospace Engineering

HAH:cel

9a

OCT 10 1966

A Division of Northrop Corporation
Precision Products Department
100 Morse Street, Norwood, Massachusetts
Phone: 762-5300

NORTHROP NORTHTRONICS

OFFICE OF THE
VICE PRESIDENT AND MANAGER

6 October 1966

Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I wish to thank you for the opportunity of attending your 1966 Inspection. It was technologically exhilarating and most enjoyable.

The effectiveness and efficiency of the presentations were outstanding.

Very truly yours,



Lester R. Grohe

9b

OCT 7 1966

THE OSBORN ENGINEERING COMPANY

7016 EUCLID AVENUE

CLEVELAND 3, OHIO

October 6, 1966

Dr. A. Silverstein
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

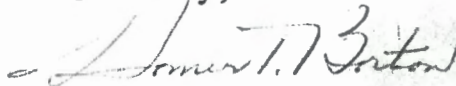
Thank you for the opportunity of an inspection of the Lewis Research Center. I assure you that our Cleveland nearness to the reservation in no way detracts from our appreciation of the importance of the work being done there.

We were impressed yesterday, with three things -

1. The tremendous amount of research that has been done resulting in successful applications to the Space Program.
2. The number of searching questions yet to be answered of which we have only a glimpse at the present time. Every breakthrough releases a flood of new problems.
3. The fine caliber, appearance and deportment of the men we observed explaining and taking part in the program. I did not see a single unkempt social or intellectual rebel in the bunch.

Thank you for a well planned and very stimulating day.

Sincerely,



Homer T. Borton

HTB:MH

100

OCT 10 1966

RADIO CORPORATION OF AMERICA
PRINCETON, N. J.



GEORGE H. BROWN
EXECUTIVE VICE PRESIDENT
RESEARCH AND ENGINEERING

October 6, 1966

Dr. Abe Silverstein
Director, Lewis Research Center
National Aeronautics and Space Administration
Cleveland, Ohio

Dear Dr. Silverstein:

I must hasten to send my compliments to you and your colleagues for the very impressive day of October fourth, the first this week of your 1966 inspection. Of course, the mechanics of the operation which kept things going precisely on schedule showed the perfection of your staff work. But most impressive to me was the performance of the technical staff. The lectures seemed perfectly to gauge the degree of sophistication of the very mixed audience. Throughout the day, I sensed a feeling of enthusiasm that comes, in a research organization, from a challenging program and a respect for one's colleagues. I wish to thank you again for having included me as one of your guests.

Sincerely,

George H. Brown

cc: Mr. James E. Webb
National Aeronautics and Space Administration
Washington, D. C.

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OCT 10 1966



METALS & CONTROLS INC.
A CORPORATE DIVISION OF

TEXAS INSTRUMENTS
INCORPORATED

October 6, 1966

Dr. Abe Silverstein, Director
NASA - Lewis Research Center
21000 Brookpark Rd.
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I would like to extend my appreciation on behalf of TEXAS INSTRUMENTS INCORPORATED for being invited and attending the October 4, 1966 inspection of your Lewis Research Center. I found this visitation extremely interesting and gained a greater understanding as to the scope and nature of your contributions to the overall NASA mission.

You are to be praised and admired for expanding your facilities so adequately and maintaining an atmosphere congenial to professional employment.

I have reported to the proper levels of interest in our company my impressions of your complex, and advanced research and development activities. I am sure that it will be pursued where TEXAS INSTRUMENTS INCORPORATED can make a contribution, or jointly with Lewis, or gain knowledge from your activities.

A job well done - objective complete.

Very truly yours,

James B. Allen, Field Engineer, Controls Products Group

JBA:eb

11a

1916 *Our Fiftieth Year* 1966

OCT 10 1966



THE UNIVERSITY OF TOLEDO

TOLEDO, OHIO 43606 • AREA CODE 419 • 531-1451

COLLEGE OF ENGINEERING
OFFICE OF THE DEAN

October 6, 1966

Mr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I want to thank you for the most remarkable inspection visit that I can remember enjoying. Not only was every detail of the arrangement handled efficiently, but the learning factor of this visit was tremendous. I enjoyed seeing your new facilities and gained a great deal from the demonstrations and talks about the research and development program at the Lewis Research Center.

Thanking you again for a most valuable day.
I am

Sincerely yours,


Otto Zmeskal
Dean

OZ:sm

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OCT 10 1966

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98105

College of Engineering
Department of Aeronautics and Astronautics

October 6, 1966

Dr. Abe Silverstein
Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Abe:

While I thank you very much for the invitation to attend the 1966 inspection of the Lewis Research Center, I regret that I cannot attend at this particular time. I have recently taken a post as Professor in the Department of Aeronautics and Astronautics at the University of Washington and Director of the Aerospace Center which we are setting up. The workload involved during this early period of getting started has proven far heavier than I expected and I will have to cut down on traveling.

I have not had an opportunity to thank you and John Evvard for your kindness and courtesy during my visit to Lewis. I was deeply impressed with the quality and scope of the work and by the enthusiasm and confidence of your staff. However, when the opportunity at the University of Washington presented itself, I could not forego their fine offer. To be quite frank, I am not sure that I am cut out for a University career but I must give it a good try. The decision was not an easy one and, perhaps, not even the correct one.

However, I have not given up my interest in heat engines and, in fact, have been turning my attention away from re-entry and more into propulsion. I have recently come up with an amusing and perhaps new idea along this line; I hope that in the future I can get together with you for a discussion.

Yours sincerely,



A. Hertzberg, Professor
Department of
Aeronautics and Astronautics

12a

cc: Mr. John Evvard
AH:ss

OCT 13 1966



AEROJET-GENERAL CORPORATION

9100 EAST FLAIR DRIVE EL MONTE, CALIFORNIA

REGINALD I. MCKENZIE
PRESIDENT

October 7, 1966

Dr. Abe Silverstein
Director
National Aeronautics and
Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

Without a doubt the recent tour of your facilities and the quality of the presentations were the finest I have ever participated in. It was extremely informative, crisp and showed an impressive effort on the part of your entire organization.

We wish to express our appreciation for your hospitality and to assure you that our company will do its utmost to support the Lewis Research Center in all its activities. We only wish that there was some means whereby the public generally could become aware of the excellent work being done at NASA, but since this is impossible, the next best thing is the kind of presentation which you arranged and it will be up to those in attendance to spread the word.

With all good wishes,

Sincerely,

A handwritten signature in dark ink, appearing to be "R. McKenzie", written in a cursive style.

128

OCT 10 1966

ALUMINUM COMPANY OF AMERICA

2210 HARVARD AVENUE · CLEVELAND, OHIO 44105



October 7, 1966

Mr. Abe Silverstein, Director
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

I was one of the fortunate few in the United States who this week will have the opportunity to inspect the Lewis Research Center of NASA. I cannot begin to tell you how extremely impressed I was, not just with the presentation itself which was excellent, but to learn of the wide diversity and technical complexity of the work being carried out. To say that I was amazed and flabbergasted is an understatement. In fact, my reaction at the end of the day was to feel like a technical dropout.

It was very obvious that a great deal of time and effort and money had been put into preparing for the inspection and in developing the various displays that were used to illustrate some of the work going on. However, since it has been nine years since a similar inspection was held, and since it is the Twenty-Fifth Anniversary of the facility, I personally felt that it was most worthwhile. Based on the comments I heard, most of us went away highly impressed with the quality of the work being performed and with the feeling that the taxpayers' money is being spent wisely. The benefits that will ultimately come to our country from the technical developments should very probably repay the cost of the work itself, quite aside from its impact on the space program.

I would also like to compliment your Mr. W. H. Rowe, leader for the group to which I was assigned. Thank you again for the opportunity for a very worthwhile day.

Sincerely yours,

Glen L. Phillips
Glen L. Phillips
Works Manager

13a

GLP:kg

CC: Mr. John D. Harper, Alcoa Pittsburgh

OCT 11 1966



7 October 1966

N. A. CARHART
VICE PRESIDENT
RESEARCH AND DEVELOPMENT

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Abe:

It was a pleasure to attend the 1966 Inspection of Lewis Research Center last Tuesday.

I would like to add my congratulations to the many others that you have received on a well organized, well managed, and extremely informative demonstrations of the activities at Lewis Research Center.

It is difficult to single out any one event as being first; they were all excellent. Thanks again.

Sincerely,

A handwritten signature in black ink that reads "N. A. Carhart". The signature is fluid and cursive, with a long horizontal line extending from the end of the name.

N. A. Carhart

138

7 October 1966

Dr. Abe Silverstein, Director
NASA Lewis Research Center

Dear Sir,

You and your colleagues should be very proud of the inspection presentation at your laboratories today. I have never seen better prepared, more interesting or more informative talks. The performance of your speakers was especially noteworthy for all those "artistic" skills such as clarity, diction, etc. which make listening a pleasure as well as profitable.

Please accept my personal thanks for letting me attend in place of our director, Mr. Herman H. Waggerbauer.

Very truly yours,

Marvin S. Harrison

Research Associate

Eastman Kodak Company

Rochester, N. Y. 50

14a

OCT 10 1966

JOHN A. PACKAL, C.L.U.

20545 CENTER RIDGE ROAD • ROCKY RIVER, OHIO 44116 • TEL. 333-3577 OR (RES.) 331-4364



October 7, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I have just witnessed the 1966 inspection of the Lewis Research Center and I am anxious to express my thanks to you for inviting me to attend.

As you know, I have been visiting the Lewis Lab for over sixteen years as representative of the NASA Group Life Insurance program and still I was unaware of the tremendous role, and the many diversified fields, in which Lewis Research Center has participated under your leadership.

All of the exhibits were outstanding. One of the most thrilling to me was the Zero Gravity Facility. The most impressive aspect of the inspection, however, was the manner in which the highly technical and scientific material was presented to laymen like myself in a manner we could comprehend. (Incidentally, the explanatory speeches were given primarily by very young as well as very talented young men.)

Truly this has to be a highlight in my professional association with NASA as it is in my total experiences.

Cordially yours,

A handwritten signature in cursive script that reads "John A. Packal".

John A. Packal, C.L.U.

JAP:ew

145

OCT 10 1966



John Carroll University

UNIVERSITY HEIGHTS • CLEVELAND 18, OHIO • YELLOWSTONE 2-3800

PLACEMENT OFFICE

October 7, 1966

Dr. Abe Silverstein, Director
Lewis Research Center, N.A.S.A.
Brookpark Road
Cleveland, Ohio

Dear Sir:

Congratulations on a most interesting, enlightening and enjoyable tour of your facility.

It was, in my opinion, the best coordinated and organized program of this nature that I have ever attended.

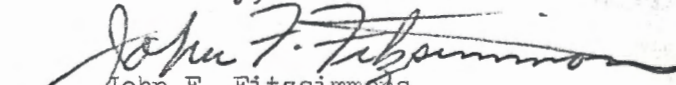
The planning, preparation, timing and implementation of even the very minute details were so impressive.

Each individual, be he (or she) a receptionist, group guide, project participant or speaker carried out this assignment with poise, graciousness and dispatch that was a pleasure to behold.

The clarity of the individual presentations and the personal projection of the respective lecturers was a tribute to the interest and enthusiasm of the members of the Lewis Research Center team.

Thank you for the opportunity to be exposed to such an example of thoroughness.

Sincerely,


John F. Fitzsimmons
Director of Placement

JFF/ck

15a

OCT 10 1966



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WASHINGTON, D.C. 20546

IN REPLY REFER TO: FE

October 7, 1966

TO : Dr. Abe Silverstein
Director, Lewis Research Center

FROM : FE/Director, Educational Programs Division
NASA Headquarters

SUBJECT : 1966 Inspection of Lewis Research Center,
October 6, 1966

I was privileged to be among those who made the inspection of Lewis Research Center last Thursday. I am writing to thank you for the opportunity and to tell you that the program was the finest in which I have participated in all my varied experience. The sessions were brief, to-the-point, and most effective. A great deal of intensive preparation must have gone into the project, and all who had any role in it are to be congratulated for a job superbly done.

I told Cal Weiss that I thought at least two of the sessions were, from a pure educational presentation point of view, excellent candidates for single-concept films. I will explore this further with him and others at LeRC.

Again, I overheard many people say, during the inspection tour, what I have already said----it was outstanding in every way.

Many thanks.

Jim
James V. Bernardo

cc: Calvin Weiss - LeRC
Dr. Ted Olson

156



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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WASHINGTON, D.C. 20546

IN REPLY REFER TO:

KB (H)

October 7, 1966

Dr. Abe Silverstein, Director
NASA Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio, 44135

Dear Abe:

Please accept my thanks for your kind invitation to attend the 1966 Inspection of the Lewis Research Center being held this week. Nothing would have pleased me more than to have accepted; however, tomorrow will be my last working day with NASA, and this last week has been rather hectic, to say the least. It seemed impossible to fit the visit into my schedule. Any future visit will have to be made as Professor of Physics of Pensacola Junior College, Pensacola, Florida.

I could reminisce about the thinning ranks of those of us who learned about airplanes at Langley, but I shall resist the impulse. Nevertheless, I'm proud to be numbered among them.

Thanks again for the invitation. Sorry I couldn't make it.

Sincerely,

James A. Hootman
Executive Secretary
Inventions and Contributions Board

16a



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OCT 10 1966



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October 7, 1966

Mr. Abe Silverstein
Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

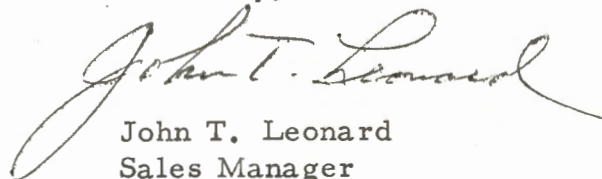
Dear Mr. Silverstein:

I wish to thank you and your staff for the interesting, educational and very well organized inspection of the Lewis Research Center.

We can be very proud of your people, their attitude, current accomplishments and advanced research.

Thanks again.

Sincerely,



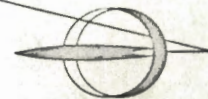
John T. Leonard
Sales Manager

JTL/vk

16b



OCT 11 1966



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A SUBSIDIARY OF
CHAS. PFIZER & CO., INC.

October 7, 1966

Mr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

The courteous and warm reception extended to me while inspecting your facilities on October 4th was most gratifying.

The visit was stimulating as well as enlightening. As a supplier to NASA I can now foresee other areas of participation for our firm.

Thank you for inviting me.

Very truly yours,

PYROGENICS INC.

Michael Turkat
President

MT:es

17a

OCT 12 1966

STEVENS INSTITUTE OF TECHNOLOGY

CASTLE POINT STATION • HOBOKEN, NEW JERSEY 07030

DEAN OF GRADUATE STUDIES

October 7, 1966

Dr. Abe Silverstein
Director, Lewis Research Center
National Aeronautics & Space Adm.
Cleveland, Ohio

Dear Abe:

On Wednesday, October 5, I had the privilege of attending an inspection of your Lewis Research Center. This was a most interesting and worthwhile experience for me.

I want to complement you and your staff on the superb arrangements that were made for the day and the clock-like precision with which the inspection proceeded. We were able to see more and understand better your research program, than I thought was possible on a one-day inspection. It occurs to me that your recruiting program for advanced degree students, could be helped materially if you made inspections like this available for your NASA Trainees who are proceeding towards the doctorate. I think that seeing the facilities and the research in progress might give them a quite different picture of what the possibilities are for a career in NASA.

Very kindest personal regards,

Sincerely,



Ralph A. Morgen
Dean of Graduate Studies

RAM:cc

178

10/19/66 cy to H. Barnett for
u

OCT 10 1966

United States Steel Corporation

525 William Penn Place

Pittsburgh, Pa. 15230

VAN H. LEICHLITER
VICE PRESIDENT
WIRE OPERATIONS



October 7, 1966

Dr. Abe Silverstein, Director
National Aeronautics and
Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

A note to tell you how sincerely I appreciated the opportunity of visiting the Lewis Research Center yesterday as a part of your 25-year celebration.

Words fail to express my amazement at the change that has come about since my knowing of this organization and its predecessor group. Arrangements were perfect, and the presentations made by your various groups and the attention given to individuals for so large a group were really outstanding accomplishments.

It was good seeing you again, as well as Gene Manganiello and some of the others I have known at the Lewis Research Center. You can be happy and proud of the performance witnessed by so many on this 25th anniversary.

My sincere congratulations and appreciation for being permitted to witness this memorable event.

With best personal regards,

Sincerely yours,

A handwritten signature in cursive script that reads "Van".

18a

cc: Mr. L. B. Worthington

OCT 11 1966



VETERANS ADMINISTRATION
HOSPITAL
10701 EAST BOULEVARD
CLEVELAND, OHIO 44106

October 7, 1966

YOUR FILE REFERENCE:

IN REPLY REFER TO: 5248/00

Dr. Abe Silverstein
Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Doctor Silverstein:

I want to take this opportunity to thank you and your staff associated with the organization of the 1966 Inspection of the Lewis Research Center, for doing such an excellent job in managing the large number of people in attendance.

The efficient and courteous manner in which all personnel carried out their assigned duties, speaks well for your able direction. All exhibits were superbly staged; the presentations were excellently delivered; the publications were of very good quality; and I know of no way in which this tour could have been improved.

You and your staff, I know, must be very proud of the work you are doing and the accomplishments achieved to date.

Thank you for inviting me to participate.

Sincerely,

C. L. JONES
Hospital Director

188

OCT 10 1966

WHITE CONSOLIDATED INDUSTRIES, INC.
CLEVELAND, OHIO 44111

VOLLMER W. FRIES
CHAIRMAN OF THE BOARD

October 7, 1966

Dr. Abe Silverstein, Director,
Lewis Research Center,
NASA,
Cleveland, Ohio.

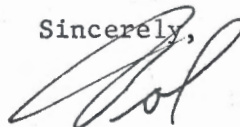
Dear Abe:

Thank you for including me at your 1966 inspection of the Center. It was a great treat to see firsthand the extensive and intricate areas of research to which you and your fine team are directing your efforts.

Further, I wish to compliment you upon the exceptionally fine equipment, men and techniques employed to demonstrate so clearly the often complex subjects.

My very best regards to you and your team.

Sincerely,



Vollmer W. Fries

VWF ek

19a

OCT 13 1966

ALABAMA COLLEGE
A STATE COLLEGE OF LIBERAL ARTS
MONTEVALLO, ALABAMA

October 8, 1966

Office of the Dean

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpart Road
Cleveland, Ohio 44135

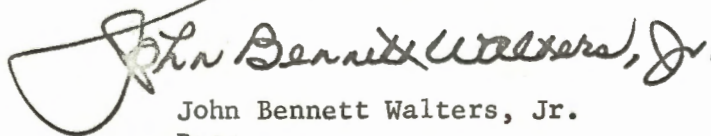
Dear Dr. Silverstein:

On Thursday evening, October 6, I completed a day of inspection of the Lewis Research Center to which you very kindly invited me along with other persons in government, industry, business, and labor.

I find it difficult to express to you how thoroughly impressed I was by the extremely interesting and exceptional work being done at the Lewis Research Center. The whole visit was beautifully coordinated, and your lecturers were exceptional in the lucid manner in which they attempted to express the intricacies of this work in terms which a layman could understand. The demonstrations were not only instructional but highly attractive.

Again may I express my appreciation to you and to NASA and the Lewis Research Center for the invitation. I would not have missed this visit for anything.

Sincerely yours,



John Bennett Walters, Jr.
Dean

Copy: Dr. D. P. Culp

198

OCT 10 1966

TELEPHONE 471-3434



KECO INDUSTRIES, INC.

2438 BEEKMAN STREET
CINCINNATI, OHIO 45214

8 October 1966

Dr. Abe Silverstein
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

You, and those of your staff responsible for the
inspection of this last week are to be congratulated on an in-
formative and especially well conducted program.

Thank you for including me.

Yours very truly,

A handwritten signature in black ink, appearing to read 'Robert G. Adair', written in a cursive style with a large, looping initial 'R'.

Robert G. Adair
President

202

10/21/66

University of Missouri
COLUMBIA - KANSAS CITY - ROLLA - ST. LOUIS

SPACE SCIENCES RESEARCH CENTER
Office of the Director

October 8, 1966

Columbia, Missouri 65201
Area 314 449-8171

Dr. Abe Silverstein
Director
Lewis Research Center
National Aeronautics and
Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Doctor Silverstein:

It was a pleasure to meet you at the NASA Inspection last Thursday, and I would like to add my congratulations to the many that you must have already received on such a tremendously interesting and exciting event. It was not only fun--but very educational for us broken down biology types as well.

Under separate cover I've taken the liberty of sending you the Annual Report of the Space Sciences Research Center here. It brings up to date through June the developments at Missouri. During the meeting we also chatted with Dr. Olson about bringing some more of our students to visit Lewis during the course of the coming year.

Congratulations again and very best wishes.

Sincerely,



Ward J. Haas
Director

WJH/meb

206

OCT 10 1966

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TUBE



FITTINGS

October 8, 1966

Mr. Abe Silverstein, Director
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio

Subject: 1966 Inspection of Lewis Research Center

Dear Mr. Silverstein:

It was a distinct pleasure and honor to tour the facilities as a "visitor" instead of my customary role of contractor.

The organization, presentations and exhibits were impressive and well done. The people involved should be complimented both for this event and for their regular daily accomplishments.

Thank you for a day well spent.

Very truly yours,

OHIO VALVE AND CONTROL, INC.

James G. Kotapish
James G. Kotapish

JGK:jrd

21a

OCT 13 1966

*Mechanical Contractors*

918-22 W. COURTLAND STREET
PHILADELPHIA, PA. 19140

October 10, 1966

Dr. Abe Silverstein
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I wish to take this opportunity to thank you for your kind invitation to the 1966 Inspection of the Lewis Research Center. Both Mr. Sage and I found the Lecture-Demonstrations amazingly interesting and exceptionally well organized.


We thought perhaps, that you would be interested to know that we found especially fascinating the work done on chemical propellants and particularly the methods of handling fluids in space. Another item which captured our attention was the informative lecture on the Supersonic Transport. It is truly unfortunate that this visit had to be limited to so short a period of time since the work being done on basic research alone could have held our concentrated attention for several days.

As you are no doubt aware, we are the prime contractors on several parts of the work now going on at Site B2 at Plum Brook Station. We thought perhaps that you would be interested in knowing that we do not view this work merely as "contracts for construction". Mr. Sage and I are highly enthusiastic about the knowledge that we have become a part, albeit small, of the exciting work of space exploration.

We wish, again, to commend you on the excellent presentation of the work being done at Lewis Research Center, and to thank you for the opportunity to be present at this inspection.

Very truly yours,

ARACO CO.



Morton Ross
President

216

MR:dme

cc: Mr. R. W. Bouman

OCT 12 1966



DEPARTMENT OF THE ARMY
LOUISVILLE ENGINEER DISTRICT
P. O. BOX 59, 830 WEST BROADWAY
LOUISVILLE, KENTUCKY 40201

IN REPLY REFER TO: ORLDE

10 October 1966


Dr. Abe Silverstein
Director, Lewis Research Center
NASA
Cleveland, Ohio

Dear Dr. Silverstein:

I certainly do wish to express to you my sincere appreciation for the opportunity to inspect the Lewis Research Center on 5 October. I was extremely impressed with the efficient manner in which you and your staff conducted the inspection, as well as extremely interested in the things that you showed us you were doing.

Many thanks again.

Sincerely yours,


R. R. WESSELS
Colonel, CE
District Engineer

22a

OFFICE OF THE SCIENTIFIC ATTACHÉ
AUSTRALIAN EMBASSY
1735 EYE STREET, N. W.
WASHINGTON, D. C. 20006
TELEPHONE 659-2600



AUSTRALIAN EMBASSY
WASHINGTON, D. C.

10th October, 1966

YOUR REFERENCE:

OUR REFERENCE:

160-3-0(C)
WH:JH

Mr. William F. Hausman,
Deputy Assistant Administrator
for International Affairs,
N.A.S.A.
Washington, D.C. 20546

Dear Mr. Hausman,

I am just writing to let you know how much I appreciated the wonderful day which we had at Cleveland last week. The visit to the Lewis Research Centre was a triumph of good organisation and each and every exhibit was of very great interest. I thoroughly enjoyed the whole show and greatly appreciated all the trouble which you took to arrange it, including especially the provision of transport to and from Cleveland - which must have been very difficult having regard to all the other claims on your available space.

Finally, may I say how much I enjoyed meeting you personally and how much I look forward to seeing more of you during my post in Washington.

With kind regards,

Yours sincerely,

William Hartley

William Hartley,
Scientific Attache.

22b

DEFENCE RESEARCH AND DEVELOPMENT STAFF
BRITISH DEFENCE STAFF, WASHINGTON

Telephone: HObart 2-1340

BRITISH EMBASSY

Your Ref:

3100 MASSACHUSETTS AVENUE, N.W.

Our Ref:

WASHINGTON, D.C. 20008

10th October, 1966.

Dear Mr. Frutkin,

Thank you very much indeed for inviting me to attend the Inspection of the Lewis Research Center. I have no hesitation in saying that it was the best visit of its kind I have made.

All the subjects on show were of great interest, the presentations reached a very high standard, and I thought three of them were fascinating and brilliant.

Altogether it was a memorable day. The organisation was outstandingly good and I am very grateful to you and Mr. Boyd Myers for looking after me so completely.

Yours sincerely,
Erin Lister

Mr. Arnold W. Frutkin,
Assistant Administrator
for International Affairs,
National Aeronautics and Space
Administration Headquarters,
400, Maryland Avenue, S.W.,
WASHINGTON, D.C. 20546.

23a

OCT 13 1966



Dr. J. B. P. Williamson
Director of Research

October 10, 1966

Dr. A. Silverstein
Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

Please accept my grateful thanks for the most excellent presentation which your Center gave in the recent open days.

It was without doubt the finest open day I have attended, and it is a long time since I absorbed so much new information in one day!

Your people did a superb job.

Yours faithfully,

A handwritten signature in cursive script, appearing to read 'JBPW Williamson'.

JBPW:hh

23b

OCT 17 1966

CARBORUNDUM

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October 10, 1966

Dr. Abe Silverstein, Director
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

What I saw and heard was tremendously interesting and stimulating.

You have a good story to tell and you tell it well.

Thanks for inviting me.

Sincerely yours,

William H. Wendel
William H. Wendel
President

mm

24a

From: Dr. W.B. Littler, C.B., Minister, Defence Research
and Development

DEFENCE RESEARCH AND DEVELOPMENT STAFF OCT 12 1966
BRITISH DEFENCE STAFF, WASHINGTON

Telephone: HObart 2-1340

BRITISH EMBASSY

Your Ref:

3100 MASSACHUSETTS AVENUE, N.W.

Our Ref:

WASHINGTON, D.C. 20008

10th October, 1966.

Dear Dr. Silverstein

I have just written to Mr. Arnold Frutkin to thank him for inviting me to attend the Inspection of the Lewis Research Center.

It was a great pleasure to meet you on Friday and to see a cross-section of the magnificent facilities and the very high-grade work that is going on in your Establishment.

The programme was outstandingly well-organised and I have no hesitation in saying that the visit was the best of its kind I have made. I thought all the presentations were exceptionally good but three of them were brilliant.

With best wishes and renewed thanks,

Yours sincerely

W.B. Littler

Dr. Abe Silverstein,
Director,
National Aeronautics and Space
Administration,
Lewis Research Center,
21000 Brookpark Road,
CLEVELAND, OHIO 44135.

24b

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October 10, 1966

Dr. Abe Silverstein, Director
Lewis Research Center, NASA
Brookpark Road
Cleveland, Ohio

Dear Dr. Silverstein:

Your 25th Anniversary Open House was a tremendous experience for me. You and all of the people at the Center are to be congratulated for this ground level "space spectacular."

I would like to ask a favor. In your symposium on metal research, the speaker (who, in my opinion, was the best of a very talented and capable group) discussed a new welding technique which was developed following the failure of the 260-inch engine test. This technique used tungsten inert gas welding and as I recall, developed a 92,000 PSI tensile even with a deliberate crack. We are facing a problem of welding cracks and I would appreciate a copy of any technical paper or report you may have on this technique.

Thank you again for a most pleasant and informative day.

Very truly yours,

JOS. DYSON & SONS, INC.

J. R. Crosby
Vice President and General Manager

DIRECTOR
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Pub Info
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Const

10/12 cy to M+S for reply.

25a

OCT 12 1966

EAGLE-PICHER INDUSTRIES, INC.

ELECTRONICS DIVISION • P.O. BOX 47, JOPLIN, MISSOURI 64801

10 October 1966

National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Attention: Mr. Abe Silverstein
Director

Subject: Inspection of the Lewis Research Center

Gentlemen:

It was my privilege to attend the Inspection Tour on October 6 as a member of the Blue Inspection Group. The entire presentation exhibited an exceptional amount of foresight and planning and included a very good balance of technical detail and broad-brush general information.

As an engineer, I found the presentation to be technically stimulating with many areas of extreme personal interest; as a business man, the presentation was enlightening in terms of the many ideas being worked upon which have good potential application in present business endeavors; as a taxpayer, it was gratifying to note the high level of competence which was exhibited by all of the demonstration personnel and the extent to which their work was aimed at solving many and varied future technical problems above and beyond the immediate NASA much-publicized space efforts.

In particular, I would like to express my satisfaction with two of the technical presentations. At the Basic Research presentation in the Energy Conversion Laboratory, Mr. Robert M. Stubbs gave an outstanding presentation considering the high level of technical endeavor which he was explaining. Similarly, in the afternoon, at the Materials Processing Laboratory, Mr. David Spera gave another outstanding technical presentation. If these men are representative of the thousands of others which we did not meet, we must congratulate NASA on obtaining and retaining scientists of this caliber. It surely speaks well of the overall future accomplishments of the NASA Lewis Research Center.

Yours very truly,

Donald L. Lawson
Donald L. Lawson
General Sales Manager
Electronics Division

DLL:ljs

256

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OCT 13 1966



ELECTRONIC SYSTEMS DIVISION

ARVIN INDUSTRIES, INC. • COLUMBUS, INDIANA 47201 • TELEPHONE 812-372-7271

October 10, 1966

Dr. Abe Silverstein
Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

Just a note to thank you and the other people at the Lewis Research Center for a very delightful experience this past Friday, while attending the 1966 Inspection.

First of all, I want to say that I have never seen anything operated quite so smoothly, without any impression of being herded, as the "Blue" group moved around last Friday, and with escorts who were a credit to your organization.

Secondly, with regard to the Inspection itself, it was naturally most interesting and most enlightening. While it is too early to say that any "spin off" can come from it, the exposure to jet engine noise introduced us to a new material, which I later found out is produced by Huyck Manufacturing Company. This may be quite important to my company's Automotive Division in their development efforts in automotive silencers.

Arvin produces some twelve million automobile mufflers annually as original equipment for the car companies and has been looking for a material such as the sintered stainless steel mesh which was demonstrated as a silencing technique for fan jet engines. In the course of discussing this with the NASA engineer, he referred us to Mr. Robert Drake, the Huyck representative who was in the audience, and we arranged for a meeting with appropriate engineers at Arvin.

26a



ELECTRONIC SYSTEMS DIVISION

Dr. Abe Silverstein

-2-

October 10, 1966

We thank you for a very pleasant day and look forward to the next Inspection.

Very truly yours,

ARVIN INDUSTRIES, INC.
Electronic Systems Division

Robert G. Nau
Vice President
and General Manager

RGN/cb

26b

OCT 11 1966

ERNST & ERNST

UNION COMMERCE BUILDING

CLEVELAND, OHIO 44115

October 10, 1966

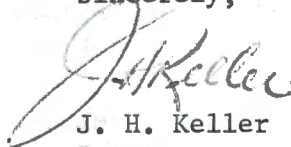
Mr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

Thanks very much for including me in the 1966 inspection of the Lewis Research Center.

The entire program was extremely interesting and enlightening and well organized. You and your staff are to be congratulated for presenting such a complicated subject in such a fashion that even an accountant could follow and understand.

Sincerely,



J. H. Keller
Partner

JHK/ms

27a

THE GARRETT CORPORATION



9851 SEPULVEDA BOULEVARD • LOS ANGELES, CALIFORNIA 90009

VICE PRESIDENT
ASSISTANT TO THE PRESIDENT

OCT 12 1966

October 10, 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space
Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135


Dear Abe:

Just a note to say how much I enjoyed your show on the 7th. It was extremely well done from start to finish!

I was particularly impressed by the first presenter, Mr. or Dr. Roberts, on Materials. When I see the talent and ability so evident in him, I think the entire outlook for the world's future is made brighter.

I shall look forward to seeing you out our way again soon.

Most sincerely,


Mark E. Bradley
General, USAF (Ret.)

MEB:jr

276

THE GARRETT CORPORATION



3851 SEPULVEDA BOULEVARD • LOS ANGELES, CALIFORNIA 90009

VICE PRESIDENT
ASSISTANT TO THE PRESIDENT

October 10, 1966

Mr. James E. Webb, Administrator
National Aeronautics and Space
Administration
Fourth and Maryland Avenue, S. W.
Washington 25, D. C.

My dear Mr. Webb:

This is to report briefly on a very pleasant visit last week to one of your installations. It was my pleasure to represent our President, Harry Wetzel, at the Lewis Open House on 7 October. The operation was both interesting and instructive. It was carried out with great skill and ability, and I could tell that every one of the nearly 500 present was impressed.

All of the presentations were extremely well done, but there was one by a Dr. or Mr. Roberts on Materials which I considered most outstanding. I, therefore, want to call special attention to him.

As I told you at our last meeting, should some sort of a job arise for which you feel I could be of real help to you or NASA, do not hesitate to call upon me.

Most sincerely,

Mark E. Bradley
Mark E. Bradley
General, USAF (Ret.)

MEB:jr

From AXG
Enclosure Copy to
Action Copy to
Info Copy to

A
R
F

11604

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Suspense Date

10-12
A

28a

OCT 12 1966



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TELEPHONE: (213) 776-1010, 870-0131 • CABLE: GARRETTAIR LOS ANGELES

October 10, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
Cleveland, Ohio

Dear Dr. Silverstein:

I attended the Lewis Research Center Inspection on October 5, 1966. I found the Inspection to be completely interesting, very educational, and extremely impressive.

I thought that the technical areas and technical level were very appropriately selected. The technical exhibitions were flawlessly executed. Every speaker was letter-perfect, and all verbal presentations were dynamic and informative. The inspection guide for my group was very efficient and helpful, and he held us on schedule completely throughout the day.

I would certainly like to thank you and all of your people at Lewis for a thoroughly enjoyable day. Please be sure to see us during your next visit to the West Coast.

Sincerely,

AIRESEARCH MANUFACTURING COMPANY
A Division of The Garrett Corp.

R. D. Mueller
Assistant Chief Engineer

RDM:sae

286

OCT 13 1966

GENERAL  ELECTRIC
COMPANY
CINCINNATI, OHIO 45215

FRED O. MACFEE JR.
GENERAL MANAGER-ENGINEERING
FLIGHT PROPULSION DIVISION

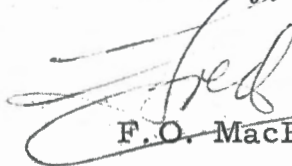
October 10, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Abe,

Thank you so much for the opportunity to visit your facilities. I was much impressed with the breadth of work that is going on. I am sure you showed us only the surface, but in any case, it was very impressive. You certainly had the place well policed. I have never seen a cleaner set of shops. You have given us something to shoot for the next time you come to visit us.

Cordially,



F. O. MacFee, Jr.

FOM:hr

Copy: MC Toth

29a

OCT 11 1966



The B. F. Goodrich Company

500 SOUTH MAIN STREET • AKRON, OHIO 44318 • PHONE 216-253-1171

DIRECTOR OF GOVERNMENT RELATIONS

October 10, 1966

Mr. Abe Silverstein, Director
National Aeronautics & Space
Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

I wish to express to you my appreciation for the stimulating and enlightening inspection of Lewis Research Center last Tuesday.

It is impossible to tell you how the day could have been improved upon. For me - and for all those in the Blue Group with whom I talked as the program unfolded - I left each station wishing I could have stayed longer and found every new station exceeding expectations. The quality of the presentations and the excellence and conciseness of the speakers were not only challenges but also kept me - an amateur - from "falling off the log."

I join with many people in a deep concern for the support which N.A.S.A. now needs to continue its great work. I hope the fine results that you are attaining and the strong leadership evidenced in Mr. Webb's opening remarks will permit N.A.S.A. to have the funds for the future which it should have without question.

Again, many thanks.

Sincerely,


Edward H. Fitch

298

cc: Mr. James E. Webb, Administrator

OCT 11 1966

CAREER PLANNING
JOB PLACEMENT
APTITUDE TESTING

JEWISH VOCATIONAL SERVICE

1240 Ontario Street • Cleveland, Ohio 44113 • 241-6692
MEYER H. SARKIN, Executive Director



October 10, 1966

Mr. Abe Silverstein, Director
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I wish to take this opportunity to express my appreciation for your invitation to attend the 1966 Inspection of the Lewis Research Center.

As a member of the Green Group on October 6, I found the exhibits and explanations thoroughly comprehensible for a layman like myself. I came away with a greater appreciation of the importance of our nation's efforts in the Space Program and, in addition, I became aware of NASA's contribution to all the advancements being made in traditional flight.

The young man who described research in materials truly made the subject come alive. I realized for the first time how these improved materials made much of modern technology possible.

Thank you again for your invitation.

Sincerely yours,

Meyer H. Sarkin
Executive Director

MHS:meg

30a

OCT 13 1966



john carroll university

UNIVERSITY HEIGHTS, CLEVELAND, OHIO 44118

AREA CODE 216 • 932-3800

OFFICE OF THE
ACADEMIC VICE PRESIDENT

October 10, 1966

Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

My attendance at the 1966 inspection of the Lewis Research Center on October 7 was most interesting and instructive. I am both indebted to you and your staff for their hospitality and in admiration of their work.

Sincerely yours,

Thomas P. Conry, S.J.

Thomas P. Conry, S.J.
Academic Vice President

TPC:mk

306

OCT 13 1966

DENVER
DIVISION
Denver
Colorado 80201

MARTIN COMPANY

10 October 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio - 44135

Dear Dr. Silverstein:

You and the members of the Lewis Research Center are to be congratulated for an extremely well run and interesting Inspection Day. It was evident in all aspects, both educational and arrangements, that a great deal of care had been taken to assure the comfort of the visitors and to maximize the benefits of the visit. I greatly enjoyed the day.

Sincerely,

George W. Morgenthau
George W. Morgenthau
Director, Research & Development
MARTIN COMPANY
P.O.Box 179 - Mail No. 1609
Denver, Colorado - 80201

GWM:mh

31a

OCT 13 1966

University of Missouri

COLUMBIA
65201

COLLEGE OF ENGINEERING
Office of the Dean

October 10, 1966

Area Code 314
Phone 449-9387

Dr. Abe Silverstein, Director
National Aeronautics and Space
Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

It was my great pleasure to attend the 1966 inspection of the Lewis Research Center on Thursday, October 6. I am writing to tell you what a wonderful experience this was. The tour was managed in a precise but most friendly manner. The exhibits were very well done, and the lectures that went with them were excellently executed. I hope these visits and movies will receive wide distribution in educational circles so as to further their impact.

Let me express my sincere thanks to you for the invitation of the very fine tour in the Lewis Research Center. It was a deeply rewarding experience.

Sincerely,



Joseph C. Hogan, Dean
College of Engineering

JCH/law

318

as/act AS

UNITED STATES GOVERNMENT

Memorandum

NASA-Lewis Research Center
Cleveland, Ohio

TO : Inspection Manager
Office of Director

DATE: October 10, 1966

FROM : W. H. Rowe, Tour Leader of Blue Group

SUBJECT: Visitors' comments during Inspection Tour

Visitors: Dr. Jesse Denton
M.E. Department
Southern Methodist University
Dallas, Texas 75222

Daniel Gribbon
Lockheed Electrodynamics

*has been considered
and is again under
consideration*

Both of these men suggest photos and texts or movies and sound tracks be made of the Inspection demonstrations and exhibits. The material could then be sent around the country to schools and industry, informing many more people than could attend the Inspection.

Visitor: Dr. E. C. Woodward
University of South Carolina

Dr. Woodward remarked that other NASA Centers, particularly Langley, have been active in recruiting at his school, but that Lewis has not been represented, and shouldn't we be.

*mentioned
to
Langley*

William H. Rowe
William H. Rowe

cc:
W. T. Olson
C. D. Ferraro

32a



OCT 10 1966

TO : Dr. Abe Silverstein
Director, Lewis Research Center

FROM : Associate Administrator for Advanced Research
and Technology

SUBJECT: Lewis Inspection

I have many favorable comments on the excellent inspection of the Lewis Center. I regret that we were unable to get more members of Congress and their staffs to see it for it would have helped us in the coming Congressional hearings.

The figures, exhibits, and talks prepared for the inspection constitute a rich source of material for us to use in telling Congress about OART. I endorse John Sloop's request to you for three copies of the talks and photographs of the exhibits and slides. Following receipt of this material, we will be requesting vu-graphs, slides, and movies of selected items.

I want to congratulate you again on a job well done.

Original signed by
Mac C. Adams
Mac C. Adams

10/12
over to EJM
to "put together"

326

University of Notre Dame
Notre Dame, Indiana 46556

OCT 12 1966

Assistant Dean, The Graduate School
Research Administrator for the University
284-7432

October 10, 1966

Dr. Abe Silverstein
Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

The 1966 Inspection of the Lewis Research Center was an exciting and stimulating experience. I cannot praise too highly the many deftly presented reviews of the work of the center. Meticulous preparation was a self-evident feature of every one of them. Indeed, you would have been pleased to hear the many spontaneous expressions of approval of the inspection by those who were in my group.

We all hope that this inspection will be followed in future years by comparable programs at the other NASA centers as well as at yours. Informed support for the NASA program among knowledgeable and influential representatives of industry, the educational community, and government fully justifies the considerable effort and expense involved.

With all the best from Notre Dame for your continued health and happiness in serving our nation, I am,

Sincerely,

Francis X. Bradley, Jr.
Francis X. Bradley, Jr.

FXB/elf

33a

OCT 11 1966
FORM 5177 (9-64)

OHIO BELL



100 ERIEVIEW PLAZA
CLEVELAND, OHIO 44114

AREA CODE 216
TELEPHONE 622-9900

October 10, 1966

Dr. Abe Silverstein
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Sir:

I must express my appreciation for your invitation to share in the 1966 Inspection of the Lewis Research Center. The day was very instructive and I came away with a feeling of pride in our country's progress in space and in the part that the Lewis Research Center, a local organization, has had and will have in the future.

I was much impressed with the youth and the ability of your people involved in the presentations. They did their jobs wonderfully well.

The whole program was so well planned and executed that I found myself wishing I could handle my schedule just half as well.

Thanks again for a very fine day.

Very truly yours,

A handwritten signature in cursive script that reads "Leslie Cunningham".

Leslie Cunningham
Headquarters Account Manager

33b

OCT 12 1966

PURDUE UNIVERSITY
OFFICE OF THE DEAN OF GRADUATE SCHOOL
LAFAYETTE, INDIANA 47907

October 10, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135


Dear Dr. Silverstein:

Having been fortunate enough to have received an invitation to attend the Lewis Research Center 1966 Inspection on October 6, I feel compelled to write to you to express my appreciation for the performance of your technical personnel.

The individual presentations and demonstrations were outstandingly performed by the group of young but very capable scientists. The presentations showed evidence of extensive preparation with the necessary attention to detail to make them meaningful to persons not technically up-to-date with the particular fields.

Once again, thanks for the invitation. I hope that the Lewis Research Center will repeat these Inspections more often than in the past.

Very truly yours,


J. L. Waling
Associate Dean

JLW:m

34a



OCT 12 1966

RADIO CORPORATION OF AMERICA
DEFENSE ELECTRONIC PRODUCTS
MOORESTOWN, NEW JERSEY 08067



October 10, 1966

Mr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpart Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

I should like you to know how pleased I was to attend the 1966 NASA Inspection. It was undoubtedly the most impressive Inspection I have ever attended.

The devotion to duty which I saw evidenced at the Inspection is of major importance and of distinct inspiration to those privileged to attend. I had no idea of the vast depth and contribution that the Lewis Research Center was making, and consider my day there extremely well spent. The person responsible for the research displays, planning, and organization should be highly commended.

Thank you again for extending an invitation to me. I was pleased to participate in this fine Inspection.

Sincerely,

Russell A. Newell

Russell A. Newell
Chief Engineer

RAN:sfh

34b

OCT 14 1966

TEXAS TECHNOLOGICAL COLLEGE

SCHOOL OF ARTS AND SCIENCES

LUBBOCK, TEXAS 79409

OFFICE OF THE DEAN

October 10, 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135


Dear Dr. Silverstein:

I should like to express to you my personal appreciation for the inspection of the Lewis Research Center in which I participated on October 5. I was most impressed with the welcome which we received and the enlightening, although necessarily brief, explanations which were given us. The task of reducing to understandable terms highly specialized inquiry so that non-specialists feel they have understood at least the objectives of a program is no mean feat. You and your colleagues achieved this objective in an outstanding fashion.

In addition to my administrative responsibilities, I am interested in geopolitics and teach one class in that area. The relevance of your work to that field is significant.

I trust that the lapse between inspections will be much shorter than that which preceded the 1966 inspection. I hope to have the opportunity to suggest persons in physics, mathematics, etc. who would benefit greatly from such a visit.

Sincerely,


S. M. Kennedy, Dean
School of Arts and Sciences

SMK:cm

cc: Congressman George Mahon

35a

OCT 14 1966



ALLIED RESEARCH ASSOCIATES, INC.
VIRGINIA ROAD, CONCORD, MASSACHUSETTS 01742, TEL. (617) 369-9000

11 October 1966

Dr. Abe Silberstein, Director
Lewis Research Center
National Aeronautics and Space
Administration
Cleveland, Ohio

Dear Dr. Silberstein:

I should like to express my appreciation for the opportunity to visit the Lewis Research Center on 5 October 1966 for your 1966 Inspection. Over the years I have heard of the fine organization of NASA facility inspections and yours was certainly an outstanding example. It was a very worthwhile visit.

Sincerely yours,

A handwritten signature in cursive script that reads "H. I. Flomenhoft". The signature is written in dark ink and is positioned above the typed name.

H. I. Flomenhoft
General Manager
Sciences and Systems
Division

HIF/alm

35b

OCT 13 1966

Battelle Memorial Institute • COLUMBUS LABORATORIES

505 KING AVENUE COLUMBUS, OHIO 43201 • AREA CODE 614, TELEPHONE 299-3151 • CABLE ADDRESS: BATMIN

October 11, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and
Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Abe:

Let me add my compliments to what must be a host of others on your Lewis inspection. I thoroughly enjoyed the day, and feel that my time was well spent. In particular, I liked the way the group was taken through the whole of the Lewis Center, rather than breaking into disciplinary groups. In this way we got an opportunity to see new parts of Lewis beyond the ones we are familiar with. The presentations were uniformly good, and pitched about the right level. The demonstrations and visual aids were superb.

I know it must have taken a tremendous effort to put on the show, but I assure you, from my viewpoint at least, that it was well worthwhile.

With best regards.

Yours very sincerely,



Robert I. Jaffee

RIJ:bjh

Airmail

36a

OCT 13 1966

THE *Bendix* CORPORATION

BENDIX-PACIFIC DIVISION · NORTH HOLLYWOOD, CALIFORNIA

11 October 1966

National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Attention: Mr. Abe Silverstein
Director

Subject : 1966 Inspection of the Lewis Research Center

Gentlemen:

As a representative of The Bendix Corporation, may I congratulate you and your staff on the excellence of this most instructive exercise.

The choice of interesting material and the extremely high quality of the presenters made attendance a very profitable experience. Your attention to detail in the arrangements also made the visit a most pleasant one. A very large service has been rendered to the scientific community.

We appreciate having been included on your guest list to attend this important function.

Very truly yours,

THE BENDIX CORPORATION
Bendix-Pacific Division

E. Wayne Copeland
E. Wayne Copeland
Marketing Manager
Data Communications

EWC:jb

36b

OCT 13 1966



The Greater Cleveland Council NO. 440
BOY SCOUTS OF AMERICA

East 22nd St. at Woodland Ave. Cleveland, Ohio 44115

TELEPHONE • 861-6060

October 11, 1966

Dr. Abe Silverstein, Director
Lewis Research Center, N. A. S. A.
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Abe:

No amount of praise that I could give would be sufficient to adequately describe the superb job you and your people did in setting up and conducting the recent inspection of the Lewis Research Center.

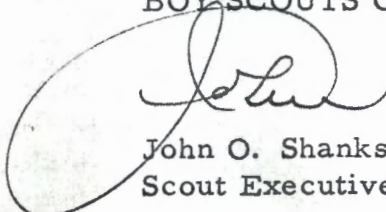
We were made to feel like VIP's from the moment we arrived, and the various demonstrations and accompanying discussions were carried off with great skill. The material was submitted in such a straight forward manner, I almost felt that I could have joined any one of the experimental teams as the presentations were being made. This was no simple task in presenting such technical subjects.

I felt highly honored to have been included on this very important inspection tour.

With kindest personal regards.

Cordially yours,

GREATER CLEVELAND COUNCIL
BOY SCOUTS OF AMERICA


John O. Shanks
Scout Executive

JOS/hm

37a



OFFICE OF THE SCIENTIFIC ATTACHÉ
British Embassy
3100 Massachusetts Avenue N.W., WASHINGTON 8, D.C.
Telephone: HOBart 2-1340

21/5/4

11th October 1966

Colonel W.F. Hausman,
Deputy Assistant Administrator for
International Affairs,
National Aeronautics and Space Administration,
Washington, D.C. 20546.

Dear Colonel Hausman,

Thank you for your letter of 29th September and the kind invitation to inspect the Lewis Research Center.

It was a most smoothly organised visit during which I felt that we had an opportunity of seeing a representative selection of most impressive research work. It is over ten years since I was involved directly in rocket propulsion so it was of especial personal interest to see the great advances made during the last decade.

I would like to add my congratulations to all concerned in arranging such an instructive and enjoyable day.

Yours sincerely,

Norman Hewson.

W.N. Hewson

378

CITY OF CLEVELAND

OFFICE OF PERSONNEL ADMINISTRATION
ROOM 121 CITY HALL
CLEVELAND 14, OHIO

JOHN J. LIEBTAG
PERSONNEL ADMINISTRATOR

RALPH S. LOCHER
MAYOR

October 11, 1966

Dr. Abe Silverstein
Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I was pleased to receive your invitation for inspection of the Lewis Research Center, which was held October 4 through 7. However, the communication, dated September 20, 1966, was received in the office of Personnel Administration only this afternoon.

My superior, Mr. John J. Liebttag, Personnel Administrator, and I would have been most pleased to have accepted your kind invitation. We sincerely hope to be invited to your next inspection tour that you will have.

Yours truly,


Maurice D. Moffatt

MDM/ml
cc John J. Liebttag

38a

OCT 17 1966

FOUNDED 1926
Embry Riddle
AERONAUTICAL INSTITUTE
DAYTONA BEACH, FLORIDA 32015

OFFICE OF THE PRESIDENT

October 11, 1966

Dr. Abe Silverstein
Director
National Aeronautics & Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

It was indeed an enlightening experience to view the presentations your people gave at the Lewis Research Center last Thursday. Even though I was not capable of comprehending all I saw, I was most duly impressed. You were so right in stating that we would find our visit instructive and rewarding.

Your people did a fine job of handling the several groups with an orderly and perfunctory manner in a kind and considerate way. We did not seem to be rushed, but we got every place right on schedule. You are to be congratulated on a job well done.

Doctor, while we were viewing the various models and mock-ups, I could not help wondering what happens to the old models. We would certainly make use of aviation related models that you have no further use for. As a nonprofit college we qualify for surplus property acquisitions. If you dispose of any educational models, we would appreciate being considered.

Kindest personal regards and my thanks for an enjoyable, enlightening tour. I hope that when you are in Florida you will come to visit our "University of the Air".

Sincerely,



Jack R. Hunt
President

JRH/jo
enc.

38b

10/19 copy to Dick. [unclear] [unclear]

001 13 1966

GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

SCHOOL OF
ENGINEERING MECHANICS

October 11, 1966


Mr. Abe Silverstein
Director
National Aeronautics and
Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

Just a note to express my appreciation to you and the staff of the Center for a most interesting and enjoyable day last Thursday. In my estimation the entire inspection was extremely well planned and executed.

I would be most happy to show you (or any of your staff members) around our campus any time you are in the Atlanta area.

Sincerely yours,



Milton E. Ravielle, Director
School of Engineering Mechanics

MER:JV

39a

B77627

NASA-LEWIS COMMUNICATIONS CENTER
MAIL STOP 3-18
RECORD COPY
TO: <i>Dr. Silverstein</i>
<i>3-2</i>
<input checked="" type="checkbox"/> FOR ACTION <input type="checkbox"/> FOR INFORMATION
ACTION COPY TO:
INFORMATION COPY TO:

OM

JR004 EST OCT 11 66 CTD415

CT PFA083 DL PD 2 EXTRA TDPF NOVELTY OHIO 11 400P EDT

DR ABE SILVERSTEIN DIRECTOR NATIONAL AERONAUTICS & SPACE ADMN
LEWIS RESEARCH CENTER 21000 BROOKPARK RD CLEVE

IF OUR ASM METAL CONGRESS COULD ALWAYS SPARKLE WITH SUCH POLISHED
SPEAKERS AND OUR ASM METAL SHOW ALWAYS EFFERVESCE WITH SUCH
CLEAR PRESENTATIONS AND EXHIBITORS AS YOUR 1966 INSPECTION
OF LEWIS I WOULD BE A HAPPY MAN IT WAE SUPERBLYPLANNED AND
PRODUCED AS A RESULT THE NASA MESSAGE AND THE LEWIS MESSAGE
CAME THROUGH LOUD AND CLEAR MY CONGRATULATIONS TO YOUR ENTIRE
STAFF

ALLAN RAY PUTNAM MANAGING DIRECTOR AMERICAN SOCIETY FOR METALS

(01).

39b

OCT 13 1966



GENERAL OFFICES • 2501 HUDSON ROAD • ST. PAUL, MINNESOTA 55119 • TEL. 733-1110

Philadelphia Branch

PLEASE REPLY TO: 5698 RISING SUN AVENUE • PHILADELPHIA, PENNSYLVANIA 19120 • TEL. 742-0200

October 11, 1966

National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Attention: Mr. Abe Silverstein
Director

Dear Mr. Silverstein:

I wish to express my thanks for the recent inspection tour of Lewis Research Center. Your facilities and projects were extremely impressive.

Also, I would like to compliment you on the well planned program; and especially, the Speaker's presentations.

Sincerely yours,

William J. Reynolds
Sales Engineer
Magnetic Products Division

WJR:aw

40a

ROYAL NORWEGIAN EMBASSY

3401, MASSACHUSETTS AVENUE, N. W.
WASHINGTON D. C.

October 11, 1966.

William F. Hausman,
Deputy Assistant Administrator
for International Affairs,
National Aeronautics and Space
Administration,
Washington, D.C. 20546.

Dear Mr. Hausman,

I wish to thank you for the most informative and interesting visit to the Lewis Research Center last Thursday. It demonstrated clearly to me the tremendous impact of NASA activities on the general field of technology and science and its great benefits for the industry in general.

I also wish to take this opportunity to tell you how much I enjoyed talking to you during the flight about the problems in connection with a closer American European cooperation in the field of space exploration.

Sincerely yours,

Kai Lie
Kai Lie

408

OCT 12 1966

THE OHIO STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

DENNEY HALL

164 WEST 17TH AVENUE

COLUMBUS, OHIO 43210

OFFICE OF THE DEAN

October 11, 1966


Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
2100 Brook Park Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

As one of the participants in the 1966 inspection of the Lewis Research Center, I wish to extend most hearty congratulations to you. The congratulations are due on at least two counts. First, and of course most important, I commend you on the quality of the research and development that is taking place in this center. Second, I was greatly impressed by the presentation made by you and your staff. As I look back on that day I can see no place where I think anything could have been done more effectively, or in a way to make your guests more comfortable.

It is the hope and expectations of many of us that the Lewis Research Center will continue to distinguish itself and to be of service to the people of the United States through its many significant contributions in space research.

Sincerely yours,


Robert A. Oetjen
Associate Dean

RAO:cma

41a

OCT 13 1966

Parsons-Jurden Corporation

Engineers • Constructors

26 BROADWAY, NEW YORK, N. Y. 10004

October 11, 1966

Dr. Abe Silverstein, Director
NASA Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

It was indeed a pleasure to attend the 1966 Inspection of the Lewis Research Center and to receive a review of the many interesting programs in progress at the Center.

I was impressed not only by the technical aspects of the well prepared presentations but also by the "launch pad" precision with which the entire program was conducted.

Inspections of this sort serve to increase the coordination and exchange of information among government, industry, universities, and others, and, I am sure, are of great benefit to all who attend them.

On behalf of the Parsons-Jurden Corporation and myself, I wish to thank you and your staff for the opportunity of attending the 1966 Inspection of the Lewis Research Center and to complement you and your staff for the extremely well prepared and most interesting presentations.

Very truly yours,

PARSONS-JURDEN CORPORATION

J. E. Colgan, Jr.
J. E. Colgan, Jr.
Project Manager

JEC:mo

418



OFFICE OF STATE DIRECTOR

TREASURY DEPARTMENT

U. S. SAVINGS BONDS DIVISION

Fourth Floor - Federal Reserve Building
Cleveland, Ohio 44101
241-7900 - Ext.7135



October 11, 1966

Dr. Abe Silverstein
Director
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I want to thank you for the opportunity
to attend the 1966 Inspection at Lewis Research Center.

It was very informative even to a non-
technical person. The Engineering Staff is to be congratulated
on their tremendous ability in the explanation of their
scientific research.

This is one of the most important programs
that our Government has today.

Wishing you and your staff continuing
success in the future.

Sincerely,

William H. Konnerth
William H. Konnerth
Area Representative

42a

WESTERN RESERVE UNIVERSITY
CLEVELAND, OHIO 44106

OCT 12 1966

OFFICE OF UNIVERSITY PLACEMENT

October 11, 1966

TELEPHONE: 231-7700
AREA CODE 216

Dr. Abe Silverstein, Director
Lewis Research Center
N.A.S.A.
Brookpark Road
Cleveland, Ohio

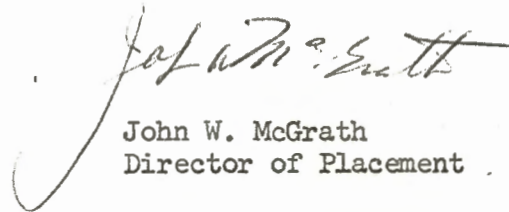
Dear Dr. Silverstein:

Thank you very much for inviting me to participate in your inspection tour on October 4.

As you may know, I participate in frequent tours of laboratories and plant facilities. I can honestly say, however, that I have never participated in a more effeciently operated or productive tour as the one at N.A.S.A.

It was a most productive and informative day.

Sincerely yours,



John W. McGrath
Director of Placement

JWM:mb

428



OCT 13 1966

10,000 WATTS
WJW
850

BEAUTIFUL MUSIC RADIO

1101 EUCLID AVE.
CLEVELAND, OHIO 44115
SU-1-8500

James P. Storer
Vice President
General Manager

October 11, 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I would like you to know how much I enjoyed the tour of a number of your facilities this past Friday. Although I have had limited technical and scientific training, your exhibits and accompanying lectures in connection with jet engine noise, direct conversion solar energy, rotating power systems, basic research and solid state physics, and electrical propulsion systems were so clearly and concisely presented that it was possible for even a layman such as myself to acquire some comprehension of your work in these fields.

Of great assistance in facilitating our tour of these facilities were Messrs: Zupsansky and Lipes. I very much appreciated their help in providing transportation to and from the exhibits and in enabling me to have direct contact with a number of the models in the exhibits.

As I mentioned to you during the social hour, I would like to explore with our television division the possibility of developing a taped series of half-hour TV programs. Each of these programs might be devoted to an explanation of what you have accomplished, what you are now working on and what you expect to achieve, in each area of research and development at Lewis. It seems to me that it should be possible to convey to the public what Lewis Research Center is doing to advance our aeronautics and space program. Admittedly, preparation and

10/19/66 1926 Fortieth Anniversary 1966
cy to Olson for action

43a

Dr. Abe Silverstein

-2-

October 11, 1966

production of such programs would involve considerable time and thought on the part of TV writers and producers on the one hand, and by your people on the other.

I agree completely that we would not want to undertake such a project without reasonable assurance that it would result in a very informative and accurate program series. After determining with our television executives what the extent of their interest may be in pursuing this subject, I hope to be in touch with you again.

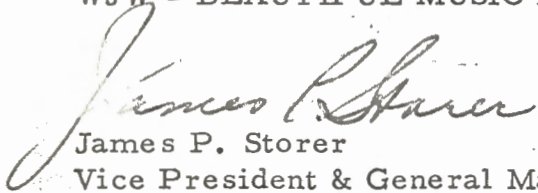
To aid our Miami home office in their determination of how they may proceed with these programs, it would be helpful if you would send to me any general information you may have available concerning the various activities and objectives of the Center.

Thank you very much for the courtesies extended me last week.

Kindest regards.

Cordially,

WJW - BEAUTIFUL MUSIC RADIO


James P. Storer
Vice President & General Manager

JPS:rjg ✓

CC: Mr. Daniel F. Zupsansky, Jr.
Mr. M. E. Lipes
Mr. Eugene Ziurgs

438

OCT 14 1966

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE SYSTEMS COMMAND
ANDREWS AIR FORCE BASE, WASHINGTON, D.C. 20331



12 October 1966

Dr. Abe Silverstein
Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein

Your Lewis Research Center tour and briefing which I attended on the 5th of October was absolutely outstanding. You and your staff can certainly be proud of the fine work you are doing and for the extremely splendid manner in which this 1966 Inspection was conducted.

Sincerely

A handwritten signature in cursive script, appearing to read "Walter R. Hedrick, Jr.", is written over a large, stylized letter "A".

WALTER R. HEDRICK, JR.
Brigadier General, USAF
Deputy Commander for Space

44a

FORGING MILITARY SPACEPOWER

OCT 13 1966

WILLIAM A. GOULD & ASSOCIATES ARCHITECTS & PLANNERS
ROOM 401 1404 EAST 9TH ST., CLEVELAND 14, OHIO 241-4355

October 12, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

On behalf of Mr. Flynn and myself, I would like to express our appreciation and satisfaction with the 1966 Inspection Tour of the Lewis Research Center.

The tour and presentation were beautifully planned and executed, and we certainly feel that our understanding of the complex research missions underway within the Center has been greatly enhanced.

In fact, it was unfortunate timing that this detailed exposure happened after our preparation of the Master Facilities Plan for 1967 rather than before.

Again, thank you for the invitation.

Respectfully submitted,

WILLIAM A. GOULD & ASSOCIATES

William A. Gould

William A. Gould

WAG:mg

448

OCT 14 1966

L. D. McEwing

1111 Connecticut Avenue, N. W., Washington, D. C. 20036

October 12, 1966

Dear Dr. Silverstein,

On behalf of the IBM Corporation, my sincerest thanks to you for inviting us to attend the Lewis Research Center's 25th Anniversary. My congratulations to you and your staff on the best organized and most explanatory tour I have ever witnessed.

Once again, my thanks and congratulations.

Sincerely,

Les McEwing

Dr. Abe Silverstein
Director
NASA - Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

(45a)

OCT 14 1966

MPB

MINIATURE PRECISION BEARINGS, INC.

PRECISION PARK

• KEENE, NEW HAMPSHIRE

October 12, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

It was my pleasure to attend the recent Inspection at Lewis Research Center as a result of your invitation to our president, Mr. William Scranton.

You and your staff are to be commended on the quality and carefully selected variety of the presentations and exhibits. While many areas of investigation are certainly being pursued at Lewis Research Center, those which were shown to us on the inspection tour gave an excellent observation of the breadth and depth of the present scope of activities. This inspection also offered an opportunity to obtain an appreciation for the variety of effort and the quality of the work being done at the Center.

It was obvious that many man hours had gone into planning and preparing the exhibits and presentations. It was likewise obvious, from the comments heard among your visitors, that there was real appreciation for this effort.

Thank you again for extending our company an invitation to attend. Thank you also, for a personally stimulating experience.

Sincerely,

MINIATURE PRECISION BEARINGS, INC.

C. H. Hannan
C. H. Hannan
Manager of Research

45b

CHH:bl
cc:WMS

OCT 13 1966

OGLEBAY NORTON COMPANY
THE HANNA BLDG.
CLEVELAND, OHIO 44115

R.D. THOMPSON
SECRETARY AND
ASSISTANT TO THE PRESIDENT

October 12, 1966

Mr. Abe Silverstein, Director
National Aeronautics and
Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

The purpose of this letter is to thank you most sincerely for a very interesting and coordinated inspection of the Lewis Research Center last week. The day I spent at your facilities was one of the most thoroughly educational in which I have had the good fortune to participate. I would also like to convey how impressed I was with the personnel throughout the facility.

Very truly yours,

R.D. Thompson

RDT
rf

46a

OCT 14 1966

 *Ridge Maintenance Co.*

3708 WALTER AVENUE — PARMA, OHIO 44134 — Phones: 351-6818, 351-6819

12 October 1966

Mr. Abe Silverstein
NASA, Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Mr. Silverstein:

Thank you very much for the invitation to the Open House last week. It was a very enjoyable exhibition.

The demonstrations and personnel were excellent. We enjoyed the cocktails and were very much impressed with the reservation, although we have been on it many times before. The interiors and exteriors of the buildings were very impressive.

Thanking you once again.

Sincerely yours,
RIDGE MAINTENANCE CO.

John J. Geschke

John J. Geschke
President

JJG/sjh

468

OCT 13 1966

Office of the Scientific Attaché

(South African Council for Scientific and Industrial Research)



Your ref.:

Telegrams: SASCIENCE

Telephones: 387-1036
232-4400

South African Embassy
3051 Massachusetts Avenue, N.W.
Washington, D. C. 20008

Our ref.: 5/0/2

12th October, 1966.

Dr. Abe Silverstein,
Director, Lewis Research Center,
National Aeronautics and Space Administration,
21000 Brookpart Road,
CLEVELAND, Ohio, 44135.

Dear Dr. Silverstein,

1966 Inspection of Lewis Research Center

I am writing to express to you my very sincere thanks and appreciation for an extraordinarily instructive day spent on October 7th last at your Inspection.

Thank you very much indeed for including me among those invited and for your hospitality during the day. I am convinced that you have the answer as to how to organise a function of this kind.

Thanking you once again,

Yours sincerely,

R.G. Shuttleworth,
Scientific Attaché.

RGS/fr

47a

TEXAS TECHNOLOGICAL COLLEGE
SCHOOL OF ENGINEERING
LUBBOCK, TEXAS 79409

OFFICE OF THE DEAN

October 12, 1966

Mr. Abe Silverstein
Director
Lewis Research Center
Cleveland, Ohio

Dear Dr. Silverstein:

I sincerely appreciated the opportunity to be a part of the business, industrial and educational communities allowed to inspect your facilities last week.

I was tremendously impressed and well pleased with the objectives and goals of your Center and the progress that your scientific research and development people are making.

I am sure that everyone was impressed with the planning and the scheduling of this tour. As one having had to plan "open houses" and inspection tours, I honestly feel you people came as close to perfection as is humanly possible. I hope that every member of your staff receives the congratulations of everyone who visited last week for their excellent work in getting ready for us and for their sincere and helpful attitude while we were there.

Very truly yours,

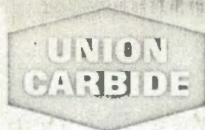
Lee J. Phillips, Jr.

Lee J. Phillips, Jr.
Asst. to the Dean of Engineering

LJP:lm

47b

OCT 14 1966



UNION CARBIDE CORPORATION
NUCLEAR DIVISION
P. O. BOX 1410, PADUCAH, KENTUCKY 42002

October 12, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I would like to express my appreciation to you for the courtesies extended to me, B. N. Stiller, L. A. Studinger and L. A. Dean during the Inspection October 4, 1966.

Without exception, I can sincerely say that this was the best tour I've ever attended, and you are to be commended for a job well done.

Very truly yours,

A handwritten signature in cursive script, appearing to read "R. A. Winkel".

R. A. Winkel, Superintendent
Paducah Gaseous Diffusion Plant

48 a

OCT 14 1966



Westinghouse Electric Corporation

1306 Farr Drive
Dayton, Ohio 45404
Telephone: (513) 461-3720

12 October 1966

*
Dr. Abe Silverstein
Director
National Aeronautics and Space Administration
Lewis Research Center
Cleveland, Ohio - 44135

Dear Dr. Silverstein:

Thank you for your invitation to the 1966 inspection of the Lewis Research Center. I can assure you that we found our visit most instructive and rewarding.

We do want to take this opportunity to congratulate you and your personnel in presenting a very professional and interesting inspection. This inspection confirms the fact that the NASA is performing a most important part of our country's advanced research and development program.

We hope you and your staff will be able to visit our Westinghouse facilities during the coming year to see the importance we attach to the programs we are doing for the NASA.

Again, thank you for your fine hospitality.

Sincerely,

A handwritten signature in cursive script that reads "James J. Magill".

James J. Magill
Mgr. Midwest Zone
Atomic, Defense & Space

JJM/gw

488

OCT 17 1966

THE OHIO STATE UNIVERSITY

OFFICE OF RESEARCH
190 NORTH OVAL DRIVE
COLUMBUS, OHIO 43210

October 13, 1966

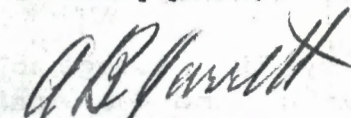
ALFRED B. GARRETT
Vice President
GEORGE E. BRIGGS
Associate

Dr. Abe Silverstein
Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brook Park Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I want to thank you for the opportunity to visit Lewis Research Center on October 6. You had an excellent program and gave us outsiders a fine profile of the activity there at the Center. We are proud of what you are doing. Ohio State University had seven staff members there.

Cordially yours,



Alfred B. Garrett
Vice President for Research

ABG:ml

49a

OCT 14 1966

REPUBLIC MANUFACTURING COMPANY

15655 BROOKPARK ROAD

CLEVELAND, OHIO 44142

EXECUTIVE OFFICES

Oct. 13, 1966

Dr. A. Silverstein, Director
Lewis Research Center
NASA
21000 Brookpark Road
Cleveland, Ohio 44135

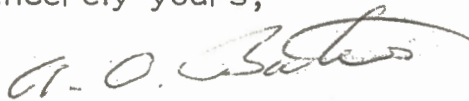
Dear Dr. Silverstein:

I believe a few words of gratitude and appreciation are certainly a small way of expressing the feeling of Republic Mfg. Co. for the invitations extended to myself and others to the 1966 Inspection of The Lewis Research Center. Many times we wonder of the work being performed by the tax dollar at many levels.

I can only say that the trip was most rewarding and any doubts about the work of the future were dispelled by this fine performance. The Inspection was, without a doubt, the most highly informative and meticulously-handled trip that I or my colleagues have ever had the good fortune to attend.

Please convey this message to Administrator Webb, Assistant Director Manganiello and your staff of very able assistants.

Sincerely yours,



A. O. Bates
President

AOB:lr

498



UNION CARBIDE CORPORATION
LINDE DIVISION
270 PARK AVENUE, NEW YORK, N.Y. 10017

October 13, 1966

Dr. Abe Silverstein
Director, Lewis Research Center
N. A. S. A.
2100 Brookpark Road
Cleveland, Ohio

Dear Dr. Silverstein:

The NASA Lewis Research Center, management and staff, are to be commended for the very superior inspection program recently conducted at your Cleveland facilities. The tour guides were most hospitable. The lecturers and displays were extraordinary.

If possible we would like to borrow the films used in the Illustrated Report session which described the Plumbrook Station Facilities and the Nuclear Rocket Development Stations in Nevada. These films would be shown to Union Carbide management to further describe liquid hydrogen use and potential.

Please advise if such a loan can be arranged.

Thanks again for the hospitable visit.

Very truly yours,

UNION CARBIDE CORPORATION
Linde Division

T. A. Donegan
Manager Government Projects
Gas Products Department

50a

TAD:w

10/19 - copy to Dick Schelton for action

OCT 18 1966



AERONCA, INC.

MIDDLETOWN DIVISION

1712 GERMANTOWN ROAD ■ MIDDLETOWN, OHIO 45042 ■ PHONE (513) 422-2751

October 14, 1966

Ref: R & D 137

Dr. Abe Silverstein, Director
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

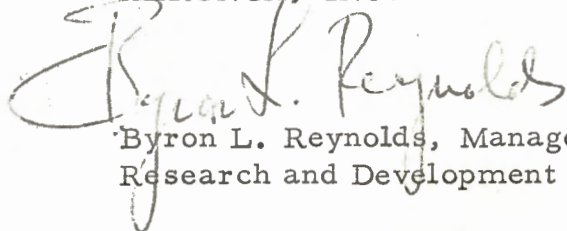
My compliments to you on your excellent inspection of Lewis Research Center. It was a memorable occasion to review the creditable work accomplished by your staff. The lectures were brief, but very much to the point, and the timing was superb! The working models and the analogous illustrations were quite informative.

I cannot help but feel that many others, as well as I, found technological advancements in fields very close to our own. In my particular case, it was the two lectures on Materials Research and Basic Research. The discoveries through the field ion microscope are quite notable to those of us who are trying to achieve a better understanding of ion migration in diffusion joining.

I will consider it a real privilege to attend the future inspection at other NASA Centers, although I find it difficult to imagine that they could be any more impressive than the one I witnessed October 7 at Lewis.

Yours very truly,

AERONCA, INC.



Byron L. Reynolds, Manager
Research and Development

BLR/ljw

50b

cys. to Modarelli + Olson



SPACE NUCLEAR PROPULSION OFFICE
CLEVELAND EXTENSION
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
21000 BROOKPARK ROAD, CLEVELAND, OHIO 44135



14 October 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I want to express my appreciation for the very gracious reception and the thoughtful assistance given to Mr. James P. Storer during his visit to the recent NASA-Lewis Open House. Mr. Storer felt that the clear presentations of complex material and the well organized tours certainly reflected the capabilities of the staff and the managerial abilities of this Research Center.

I would also like to thank Mr. Wilson H. Hunter for making this visit so pleasant and informative, and Miss Kay Brown who handled the arrangements so efficiently.

Sincerely yours,

Eugene J. Ziurys
Reactor Branch - SNPO-C

EJZ:rep

51a

THE NATIONAL CITY BANK
OF CLEVELAND



PAUL R. GEISINGER
SENIOR VICE PRESIDENT

CLEVELAND, OHIO 44101
TELEPHONE
861-4900

October 14, 1966

Dr. Abe Silverstein
Director, Lewis Research Center
21000 Brookpark Road
Cleveland 44135

Dear Dr. Silverstein:

I do not know how you selected your guest list for the 1966 Inspection, but I certainly appreciated the invitation. It was one of the most interesting and informative days I have ever spent and I was especially impressed with the smooth manner in which it was run.

Thank you very much.

Sincerely,

Paul R. Geisinger

PRG:es

51b

OCT 18 1966

THE OHIO STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

DENNEY HALL

164 WEST 17TH AVENUE

COLUMBUS, OHIO 43210

OFFICE OF THE DEAN

October 14, 1966

Dr. Abe Silverstein, Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

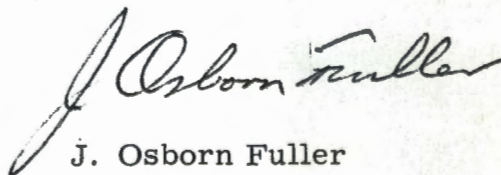
Dear Dr. Silverstein:

I want to compliment you and your organization on the unusually fine job you did in hosting the inspection trip at the Lewis Center. All of us from Ohio State were terrifically impressed with the work going on and the marvellous presentation of it.

Dr. Wilmot Hess was on our campus and when I was telling him how much we enjoyed the trip to Lewis Center he indicated he was not surprised because he has high regard for you.

Thanks again for the opportunity of visiting Lewis Research Center.

Sincerely,



J. Osborn Fuller
Dean

JOF:jem

52a

cys to Modarelli + Olson

ROCKETDYNE

A DIVISION OF NORTH AMERICAN AVIATION, INC.

6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

14 October 1966

IN REPLY REFER TO:

66RC13666

Dr. Abe Silverstein, Director
NASA Lewis Research Center
21000 Brookmark Road
Cleveland, Ohio 44135

Subject: 1966 Inspection of Lewis Research Center

Dear Dr. Silverstein:

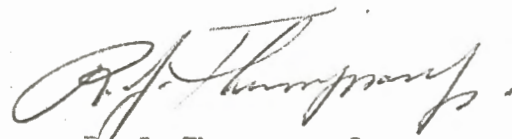
I want to thank you very much for the opportunity to attend the 1966 Inspection of the Lewis Research Center on October 4th. I believe that this inspection was very helpful in providing those of us in industry with a better insight into both the broad scope and fine quality of the Lewis Laboratory program.

I would particularly like to congratulate you and your entire staff on the outstanding quality of the presentation and the smoothness of all the attendant arrangements. Both the breadth of material covered and the clarity and effectiveness of the oral presentations, the visual aids and the accompanying exhibits were excellent. Those of us who periodically participate in major briefings appreciate the amount of planning and behind-the-scenes work which must have gone into the preparation of this inspection.

I am very pleased that the practice of periodic reporting through inspections of NASA research centers has been reinstated and look forward to its being continued.

Sincerely

ROCKETDYNE



R. J. Thompson, Jr.
Vice President and Director
Research Division

RJT:hp

526

copy to Modarelli & Co

OCT 17 1966

Retail Merchants Board

GORDON W. GRAY, Pres.-Secretary
LEE R. KOLB, Treasurer

Executive Committee

DAVID F. LEAHY, Chairman
DON K. GOOD, Vice Chairman

666 EUCLID AVENUE, CLEVELAND, OHIO 44114 • 579-2660

October 14, 1966

Dr. Abe Silverstein, Director
National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I thought you might be interested in the enclosed bulletin and wish to thank you for the wonderful day I spent at the Lewis Research Center on October 6.

You certainly may be proud of your facilities and the fine staff.

Sincerely,

Gordon W. Gray
President-Secretary

GWG:EMP
Att. bulletin

53a



THE SHERWIN-WILLIAMS Co.

MAILING ADDRESS P. O. BOX 8027
CLEVELAND, OHIO 44101

October 14, 1966

National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Attention: Industrial Relations Department

Dear Sir:

Last week, I had the opportunity to make a tour of the Cleveland NASA operation, and naturally was very pleased and impressed with what I saw. I appreciate having had this opportunity. I am writing to you for two reasons, primarily to congratulate your organization on the splendid manner in which these tours were handled. Secondly, I was impressed by the great number of displays and models that were used by your people. In fact, I inquired at the time regarding them, and was told that NASA has their own department for making models and mock-up displays.

In the near future, I plan to undertake layouts for expanding, modernizing, or even building new laboratory facilities. I have been considering using small working models in the layout work, but I have very little knowledge as to a good approach to this, and the materials available. If you have a model-making department, would it be possible for me to discuss techniques and materials with someone in this department. I have no intention of asking for any work to be done, but perhaps I could get some helpful suggestions that would save me a great deal of time, and help eliminate errors.

Yours very truly,

R. L. Collins
R. L. Collins, Director
Cleveland Tech Service

RLC/cb

- ~~DIRECTOR~~
- DEPUTY DIR
- Budget
- PLUM BROOK
- ASST DIR-PA
- Pub Info
- W* ASSOC DIR-Res
- RP&P
- C&EO
- EP
- M&S
- I&C
- FSC
- NR
- ASSOC DIR-Dev
- DP&P
- R&QA
- SPS
- Centaur
- Agena
- CR3
- AD&E
- ST
- ASST DIR-Adm
- Security
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- Adm Serv
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- Procurement
- Tech Pub
- Edit
- Lib
- TECH SERVICES
- Plt Serv
- Test Inst.
- Facil Oper
- Fab
- Eng Des
- Fac Eng
- Const

54a

10/17/66 copy to J. D. Collins for reply.

STONE & WEBSTER ENGINEERING CORPORATION

975 STEWART AVENUE, GARDEN CITY, L.I., NEW YORK 11530

NEW YORK
BOSTON
CHICAGO
HOUSTON
LOS ANGELES
SAN FRANCISCO
SEATTLE

516 - PIONEER 1-4350
TWX 516 - 248-8684

October 14, 1966

Mr. Eugene Manganiello
Deputy Director
Lewis Research Center
Cleveland, Ohio

Dear Mr. Manganiello:

It was a pleasure to meet and talk with you during my visit on October 6th and 7th.

Thank you for arranging my visit with Messrs. J. Vivien and R. Hanlon of the Facilities Operations Division. Their commentary regarding the helium storage bag installation was very rewarding.

A word of praise is in order regarding the inspection tour of the Research Center. It was not only extremely interesting, but also most enlightening. This was true of all the demonstrations I witnessed.

The planning, organizational and administrative efforts are to be congratulated, especially because of the vast scope of the operation. It was apparent no detail was overlooked.

The gracious hospitality shown by you and all personnel connected with Lewis left nothing to be desired.

Thank you again for a wonderful visit.

Very truly yours,

F.J. Casaceli

F.J. Casaceli

FJC:ps

cc: Dr. Abe Silverstein
Mr. J. Vivien
Mr. R. Hanlon

548

OCT 18 1966



THE UNIVERSITY OF TOLEDO

TOLEDO, OHIO 43606 • AREA CODE 419 • 531-1451

COLLEGE OF ENGINEERING
OFFICE OF THE DEAN

October 14, 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I would like to express my appreciation for your invitation to attend the 1966 inspection of Lewis Research Center. Without a doubt, this day long tour was expertly handled and the presentations were most stimulating and authoritative.

Please extend my thanks to your staff and others who made the day's activity most rewarding.

Sincerely yours,

E. W. Weaver, Jr.
Associate Dean

EWV: sm

55a

cc's to Modarelli + Olm

OCT 17 1966



WESTON INSTRUMENTS, INC.

WESTON-ROTEK
11 Galen Street, Watertown, Massachusetts 02172
Tel.: (617) 926-1750

October 14, 1966

Dr. Abe Silverstein
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio

Dear Dr. Silverstein:

Last week's NASA Inspection trip was one of the most professionally managed undertakings of that kind that I have ever seen, and I would like to add my congratulations and appreciation to the many others I am sure you have received by this time.

The schedule, the people involved, and every facet of the busy day, reflected the high professional level which I am sure is easily accepted by those of the business community who are dealing with NASA-Lewis on a regular basis, but is somewhat startling to those of us on the periphery of the aero-space business.

Thank you very much for the invitation and the opportunity to participate in the Inspection.

Very truly yours,

John L. Ganley
JOHN L. GANLEY
General Manager

/ejb

558

Other Weston Activities

- WESTON-ARCHBALD
- WESTON-BOONSHAFT AND FUCHS
- WESTON-ROTEK
- WESTON PHOTOGRAPHIC SYSTEMS
- WESTON-TRANSICOIL
- DAYSTROM, LIMITED

OCT 19 1966

AVCO CORPORATION
750 THIRD AVENUE
NEW YORK, N. Y. 10017

FRED T. RICHARDS
ASSISTANT TO THE CHAIRMAN
OF THE BOARD

October 17, 1966

Dr. Abe Silverstein
Director, NASA-Lewis Research Center
21000 Brookpart Road
Cleveland, Ohio 44135

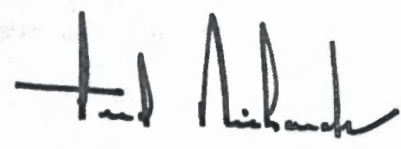
Dear Dr. Silverstein:

I appreciate very much your kind invitation for me to participate in the inspection and tour of the Lewis Research Center. This was a very interesting and instructive occasion, and I am most grateful to you for the opportunity of participating in it.

I would like to add a word of commendation to those concerned with the preparation and the execution of the presentations, as they were admirably delivered.

With kind regards,

Sincerely,



FTR:ml

56a

CALMEC MANUFACTURING CORP.

Telephone
(213) 588-8204



5825 DISTRICT BOULEVARD
LOS ANGELES, CALIF. 90022

R. A. MCINTYRE
PRESIDENT

17 October 1966
Ref: 0907

National Aeronautics & Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

ATTN: Dr. Abe Silverstein

Dear Sir:

I want to thank you for the opportunity to visit the Lewis Research Center on the occasion of your 25th anniversary. I thought the tour was very interesting and informative and that your people handled all the details in a very excellent manner. I was especially impressed by the knowledge and assurance of all your speakers.

A demonstration of particular interest to me and Calmec was one given in the Material Processing Laboratory, namely, a demonstration of a technique for improving the toughness and ductility of plastic films at cryogenic temperatures. Since we manufacture valves, regulators, and other devices for use with Liquid Oxygen and Hydrogen, we are continually faced with the problem of leakage at low temperatures. If an improved plastic material were available for valve seats and other seals we feel that this leakage problem would be minimized. We would, therefore, appreciate receiving any information available on this process, the type of plastic used, availability of the material, etc., so that we can initiate a test program to determine if it is an improvement over our currently used materials.

Yours very truly,

A handwritten signature in cursive script, appearing to read "R. A. McIntyre", is written over a horizontal line.

R. A. McIntyre

RAM:kc

56



OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING
WASHINGTON, D. C. 20301

10/21/66
October 17, 1966

Dr. Abe Silverstein
Director
NASA-Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Abe,

I wish to extend my congratulations to you and the people involved in the 1966 inspection of the Lewis Research Center for a job well done.

It would be difficult to single out any particular portion of the program for singular praise as the entire inspection was excellent. Having been involved in similar operations, I can appreciate the blood sweat and tears involved in putting on such a show. I do hope the people involved realize that it is well worth the extra effort as this is the one opportunity for the Lab to show a cross section of the U.S. what excellent work is being accomplished.

I have the opportunity to attend many engineering reviews at contractors plants, universities and military installations, and I wish they were all put on with the same degree of professionalism as was displayed at Lewis.

Thanks again Abe, for the opportunity to attend the inspection and renew so many old acquaintances. I hope that I will be able to attend the next one.

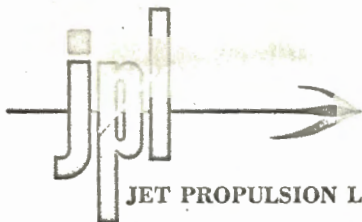
Sincerely,

Ray

R. M. Standahar

57a

OCT 18 1966



JET PROPULSION LABORATORY California Institute of Technology • 4800 Oak Grove Drive, Pasadena, California 91103


October 17, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

Recently I had the privilege of attending your open house, and I believe that you and your staff are to be complimented for the orderliness with which the Inspection was accomplished as well as the very enlightening and informative material that was presented. Those who made the presentations were obviously professionals in their fields.

Yours truly,


Donald E. Sowle
Assistant Laboratory Director
for Financial Management
and Procurement

576

OCT 18 1966

PHONE: 216 795-1640

MILBAR CORPORATION

2800 EAST 116TH ST. • CLEVELAND, OHIO 44120

MANUFACTURER OF SPECIALTY HAND TOOLS

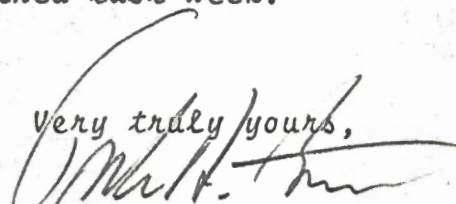
Dr. A. Silverstein
National Aeronautic & Space
Administration
21000 Brookpark Road
Cleveland, Ohio

October 17th, 1966

Dear Dr. Silverstein:

Thank you for the opportunity to inspect the NASA facilities. The inspection was a first-rate production and I am sure my contribution to our space effort will be a greater one with the knowledge gained last week.

Very truly yours,



Jack A. Bares
President

JAB:ko

58a

cys. to Madarelli + Olson

OCT 18 1966



SOLAR STEEL CORPORATION

4014 EAST 116TH STREET, CLEVELAND, OHIO 44105

AREA CODE 216 PHONE 441-0222

October 17, 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

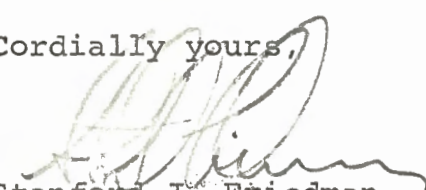
Dear Dr. Silverstein:

On October 4, I was privileged to be one of the group making the inspection trip of the Lewis Research Center.

I cannot tell you how impressed I was with the program at Lewis, but, even more, with the personnel, organization and general operations which surround the Center and its activities. I consider myself privileged to have been a party to this inspection, and am most grateful for the opportunity.

My sincere compliments in what you and your people have achieved to date, and what you are doing for the future.

Cordially yours,



Stanford J. Friedman
President

SJF:mat

588

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SPACE SCIENCE CENTER

UNIVERSITY OF ROCHESTER ROCHESTER, NEW YORK 14620

October 18, 1966

Dr. Abe Silverstein
Lewis Research Center
Cleveland, Ohio

Dear Dr. Silverstein:

I attended the recent Inspection of the Lewis Research Center on October 7, and spent a very enjoyable and profitable day. This was certainly one of the best demonstrations I have ever attended and I very much admired the organization required.

I thank you for the invitation.

Sincerely yours,

W. O. Fenn
af

Wallace O. Fenn

WOF:rf

59 a



UNIVERSITY OF SOUTH CAROLINA

COLUMBIA, S. C. 29208

COLLEGE OF ENGINEERING
Department of Mechanical Engineering

18 October 1966

Dr. Abe Silverstein
Director
NASA - Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

May I express my deepest appreciation for being invited to attend the 1966 Inspection of the Lewis Research Center on October 4. Also, to you and all members of your staff responsible, I extend congratulations for the superior preparations which led to a flawless presentation of the most informative meeting I have ever attended.

As a member of the Blue Group, I should like to compliment our Group Director, Mr. W. H. Rowe, for his gracious manners and efficient method of executing the inspection.

Should you ever be in Columbia, please permit me the pleasure of showing you our University.

Very sincerely,

E. C. Woodward, Jr.
Professor and Head
Mechanical Engineering

ECW:ddg

596



CENTER FOR SCIENCE AND ENGINEERING
UNION COLLEGE
SCHENECTADY, N. Y. 12308
A. C. 518 346-8751

October 18, 1966

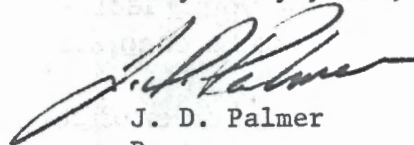
Dr. A. Silverstein, Director
National Aeronautics and Space
Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

The 1966 Inspection of the Lewis Research Center was a most impressive and well-planned program. I certainly wish to thank you for the informative and stimulating program. In this program, NASA has done a yeoman's job and the efforts of your personnel were clearly evident.

It was a personal pleasure for me to meet you and I look forward to the opportunity to meet with you again to discuss the engineering and science programs at Union and their responsiveness to NASA needs. Thank you again for the opportunity to come to Lewis Research Center.

Very truly yours,



J. D. Palmer
Dean

JDP:sm

60a

Files



ELECTRONIC CONTROLS, INC.

DANBURY ROAD

WILTON, CONNECTICUT 06897

PHONE: AREA CODE 203 - 762-8351

November 9, 1966

Dr. Abe Silverstein, Director
Lewis Research Center
Cleveland, Ohio

Dear Dr. Silverstein:

I was among those who attended your recent open house. Let me say, as I am sure others have already said, that it was the best presented and organized program of its kind that I have ever attended.

Particularly, I was impressed by the ability and moral of your people, the efficient way in which they seemed to progress in their work and with the condition of your buildings and laboratories and the equipment therein.

Your facility and your people can certainly serve as a model, not only for a government research facility, but as well for anything that I have seen in industry. Please understand that I do not restrict my compliments only to your technical people. All that I met, including the young ladies and the attendant men throughout the buildings are to be congratulated as well.

Yours must be a high order of personal satisfaction and deservably so.

I am looking forward to your next open house and will certainly attend again, if invited.

Very truly yours,

ELECTRONIC CONTROLS, INC.


A. H. Morgan
President

60.8

AHM:ede

THE FLORIDA STATE UNIVERSITY

TALLAHASSEE 32306

Mr. A
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4. copy with
catalog to
R. Allen

DIRECTOR
DEPUTY DIR
Budget
PLUM BROOK SCHOOL OF ENGINEERING SCIENCE
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October 13, 1966

Dr. Abe Silverstein
Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookport Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I want to thank you for the excellent inspection visit you provided for us last Wednesday. The laboratory exhibits were beautifully organized and presented.

During my visit I was particularly alert to the place of engineers and scientists in your organization, fully expecting to find that development and design were emphasized perhaps to the exclusion of applied and basic research. My observations caused me to conclude, however, that this is not the case at all. You seem to have need for a wide spectrum of manpower and a special need for engineers with a strong science orientation in their academic background; engineers who can contribute directly to creative research enterprises. In short, graduates of a curriculum in Engineering Science such as we offer here at Florida State University would seem to be especially valuable to you as they are at other NASA research centers.

If you agree that this is indeed the case, I hope that you will convey that fact to your Manager of Employment and Placement, Mr. Robert P. Allen, for as I understand from correspondence between him and our Co-op Director, Professor J.M. Plant, there appears to be no interest in our students at the Lewis Research Center.

The enclosed reprint from our current catalog will demonstrate,

What's the problem??

61a

I believe, the kind of engineering student that we try to educate. To our way of thinking, he should meet the needs of laboratories such as yours in a most admirable fashion.

Again, thank you for the pleasure of visiting the Center.

Cordially,


Grover L. Rogers
Dean

GLR/ec
Enc.

618

CLEVELAND PUBLIC SCHOOLS

1380 East Sixth Street • Cleveland, Ohio 44114 • Telephone 241-3660

PAUL W. BRIGGS
Superintendent

October 19, 1966

Dr. Abe Silverstein
Director
Lewis Research Center
National Aeronautics and Space Administration
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I wish to take this opportunity to thank you for inviting me to participate in the 1966 inspection of the Lewis Research Center. I was able to attend on October 4, and was impressed by everyone and everything. I am sure that as a result of this experience I now better understand the function and role of NASA.

Again, many thanks for making this opportunity available to me.

Sincerely,



Paul W. Kirby, Science Coordinator
Supplementary Educational Center
1365 East 12th Street
Cleveland, Ohio 44114

PWK:gjt

~~DIRECTOR~~
DEPUTY DIR
Budget
PLUM PROG
ASST DIR-PA
Pub Info
ASSOC DIR-Res
RP&P
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Centaur
Agenda
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AD&E
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Procurement
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Plt Serv
Test Inst
Facil Oper
Fab
Eng Des
Fac Eng
Const

62a



AEROJET - GENERAL CORPORATION

SACRAMENTO

CALIFORNIA 95809

SACRAMENTO PLANT

20 October 1966

Dr. Abe Silverstein, Director
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio

Dear Abe:

I just wanted to express again what truly outstanding technology advancements are being accomplished at Lewis. Your demonstration of notable projects was the finest I have ever seen. The tremendous effort which made the inspection such a success will certainly inspire the entire aerospace community of the nation to match your high standards for a long time to come.

Thank you for inviting me to participate in the inspection and for the opportunity to meet again with so many of my old friends at Lewis.

Sincerely,

L. G. Pattillo, Jr.

628

CHARLES A. VANIK
21ST DISTRICT, OHIO

2463 RAYBURN BUILDING
WASHINGTON, D.C. 20513
224-3121

Logged 10-24.

Congress of the United States
House of Representatives
Washington, D. C.

COMMITTEE:
WAYS AND MEANS

CLEVELAND OFFICE:
107 FEDERAL BUILDING
CLEVELAND, OHIO
CH 1-7900

October 21, 1966

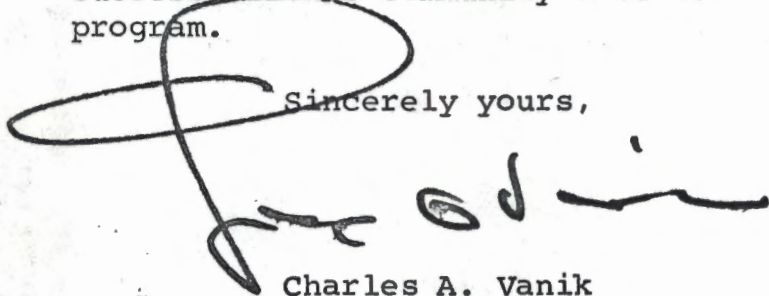
Dr. A. Silverstein
National Aeronautics and
Space Administration
21000 Brookpark Road
Cleveland, Ohio

Dear Dr. Silverstein:

I received several appreciative letters
from Cleveland citizens and industrial
plants who had an opportunity to inspect
your facilities.

Permit me to congratulate you on the
success of this community-oriented
program.

Sincerely yours,



Charles A. Vanik
Member of Congress

CAV:lw

632

*Copies to office of Legislative Affairs,
R/Mac Adams*

THE UNIVERSITY OF MISSISSIPPI
SCHOOL OF ENGINEERING
UNIVERSITY, MISSISSIPPI

Department of Mechanical Engineering

October 21, 1966

Dr. A. Silverstein, Director
Lewis Research Center
National Aeronautics and Space Administration
Cleveland, Ohio

Dear Sir:

I would like to thank you for your invitation to attend the 1966 Inspection of Lewis Research Center. It was an exceptional educational experience. You and your staff deserve the highest compliment for your courtesy, hospitality and efficiency with which the close schedule was met. Thank you again for making this opportunity available to those of us in engineering education.

Yours truly,

T. E. Horton

Thomas E. Horton, Jr.
Associate Professor

63b



REG. U. S. PAT. OFF.
ESTABLISHED 1802

E. I. DU PONT DE NEMOURS & COMPANY

INCORPORATED

WILMINGTON, DELAWARE 19898

DEVELOPMENT DEPARTMENT

October 24, 1966

Dr. Abe Silverstein, Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio

Dear Dr. Silverstein:

I wish to express my appreciation to you and members of your staff for the invitation to spend a day at your most interesting and progressive research laboratory on October 4. In my opinion, you are deserving of congratulations from industry for the informative talks and display of new equipment designed and constructed under the auspices of the Lewis research staff.

I was also very pleased to see the use of many Du Pont products in your research endeavors, including some of the items we have been furnishing your research staff from not only our production facilities but from our Du Pont research and development laboratories. Some of these items included "Mylar", "Nomex", "Dacron", and our new polyimide film "Kapton". We were also pleased to see the possible use of some of our fluorocarbon high temperature lubricants which are still in the development state.

I am certain that others from industry share with me an appreciation for an interesting and informative day.

Very truly yours,

Roger W. Fulling
Roger W. Fulling

RWF:G

Copy to:

Honorable James E. Webb
Administrator
National Aeronautics and
Space Administration
Washington, D. C.

64a

Lockheed
MISSILES
& SPACE
COMPANY

October 24, 1966

L. EUGENE ROOT
PRESIDENT

Dear Abe:

This is my first day back in the office after my trip back east. Everything considered, and in spite of the fact that I arrived home with a bad cold, it was a very good trip, and the visit with you in Cleveland on October 7 helped to make it so. I thoroughly enjoyed participating in the "1966 Inspection of LRC," and renewing acquaintances with many of my old friends. Thank you again for including Lockheed in your day.

I hope that you will visit this area in the near future and that you will be sure to plan a day in Sunnyvale.

Sincerely,

GENE

Dr. Abe Silverstein
Director - Lewis Research Center
National Aeronautics and Space
Administration
21000 Brookpark Road
Cleveland, Ohio 44135

648

THE UNIVERSITY OF SOUTH FLORIDA

TAMPA, FLORIDA

AS
711.0 year
J. H. ...

OFFICE OF THE PRESIDENT

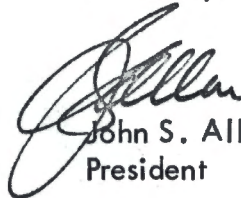
October 25, 1966

Dr. Abe Silverstein
Director
National Aeronautics and Space Administration
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

This is to thank you for the opportunity to inspect the Lewis Research Center on October 4th. I learned much from the inspection, and you and your associates did a marvelous job in organizing the inspection for the convenience and edification of your guests.

Sincerely,


John S. Allen
President

65a



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WASHINGTON, D.C. 20546

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IN REPLY REFER TO: I

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- DEPUTY DIR
- Budget
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- CR
- AD&E
- ST
- ASST DIR-Adm
- Security
- Patent
- Contract
- Personnel
- Finance
- Arm Serv
- Mgt Analysis
- Procurement

OCT 26 1966

Dr. Abe Silverstein
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Abe:

I won't repeat myself on the really excellent job done in the Lewis Inspection, but you and others at Lewis may be interested in the attached letters of appreciation we have received from the Science Attaches whom Bill Hausman and I brought out. I think they are quite different from the usual thank-you letters and show the real impact that was achieved.

Best regards.

Arnold
Arnold W. Frutkin
Assistant Administrator
for International Affairs

Enclosures

65b

5 letters attached from: Australian Embassy ^{10/10/66}, British Embassy (Def, Res & Dev.) ^{10/10}, South African Embassy ^{10/12}, Royal Norwegian Embassy ^{10/11}, and British Embassy (Scientific Attaché) ^{10/11}

1. AS
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AERO-SPACE INSTITUTE

154 East Erie Street

Chicago, Illinois 60611

Phone 787 - 3885

28th of October 1966

Dr. Abe Silverstein, Director
National Aeronautics & Space
Administration

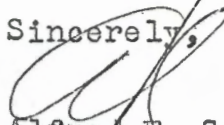
Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135

Dear Dr. Silverstein:

I thought that you might like a "Ruler-Paper Weight"
for your desk, so I am sending one to you under sep-
arate cover.

Again, many, many thanks for permitting to attend the
Lewis Inspection Tour on October 5th. I'll never for-
get the wonderful time I had.

Sincerely,


Alfred R. Stott
President

m

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