

NACA - Lewis

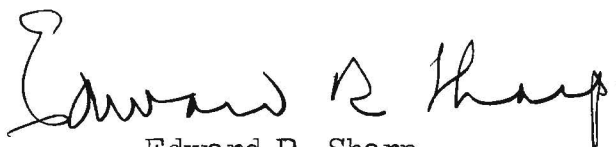
Cleveland, Ohio  
May 28, 1956

MEMORANDUM For Those Concerned.

Subject: Inspection of Lewis Unitary Plan Wind Tunnel, May 22, 1956.

1. I want to thank everyone concerned for the splendid cooperative effort put forth in planning, preparing and executing the inspection of the Lewis Unitary Plan Wind Tunnel on May 22nd. I am sure many of you heard the very favorable comments from the visitors on the day of the inspection and, in addition, I have received many complimentary letters from those who attended.

2. I congratulate you on a job well done.



Edward R. Sharp  
Director

ERS:imk

Copy to: Individuals involved in preparation and conduct of the Lewis  
Unitary Plan Wind Tunnel Inspection, May 22, 1956.



# THE CLEVELAND WORM & GEAR COMPANY

3249-59 EAST EIGHTIETH STREET

CLEVELAND 4, OHIO

CABLE ADDRESS "GEARING"

WESTERN UNION CODE

May 23, 1956

Mr. Edward R. Sharp, Director  
National Advisory Committee for Aeronautics  
Lewis Flight Propulsion Laboratory  
2100 Brookpark Road  
Cleveland 11, Ohio

Dear Mr. Sharp:

My trip through the new Lewis Unitary Plan Wind Tunnel yesterday was very, very interesting to say the least. I enjoyed it all and was particularly impressed by the flexibility of the operation and wide range of testing which could be done.

The Cleveland Worm & Gear Company was of course pleased to be entrusted with their share of the work, which consisted primarily of the screw jacks for operating the flexible walls and the second throat.

You and your staff certainly are to be highly complimented for this piece of work as well as for the excellent arrangements which were made so that we could see it. Thank you again for including me in your list of guests.

Sincerely yours,

THE CLEVELAND WORM & GEAR COMPANY

*S. L. Eastman*  
Chief Engineer

S. L. Eastman/bsr

*Jan*

*Epm*

→ *EPR/bsr*  
Budget  
— RES *bsr*  
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Fac Eng  
*Hunter*

# THE COOPER-BESSEMER CORPORATION

MACHINERY BUILDERS  SINCE THE YEAR 1833  
ENGINES AND COMPRESSORS

MOUNT VERNON, OHIO

May 23, 1956

Dr. Edward R. Sharp, Director  
Lewis Flight Propulsion Laboratory  
National Advisory Committee for Aeronautics  
21,000 Brookpark Road  
Cleveland 11, Ohio

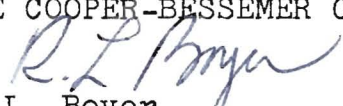
Dear Dr. Sharp:

I want to personally express my appreciation for our being included yesterday in your demonstration of the Wind Tunnel and its equipment. With the number of people involved it was difficult to get to you to talk with you personally. We are extremely interested in these activities and would appreciate the opportunity in the future of having some other members of this engineering staff visit you to see these facilities, although we appreciate, of course, that they would not be able to see anything like as much as we saw there yesterday.

One thing that interests me beyond the facilities is the staffing of such equipment and activities. We are moving rapidly into rotating equipment, including compressors and turbines and I find it extremely difficult to locate competent engineers and designers, particularly designers, who are willing to do board work and who have creative talents. If you or any of your staff might have any suggestions we would greatly appreciate knowing how you go about hiring or training such people. I would also be very much interested in knowing how the salaries of such individuals are determined. In general, we would like to know what salary classifications the different age groups fall into, with certain training and experience.

I think you have done a marvelous job of building these facilities and the people around them. We have the feeling that such tax money is well spent.

*Reply written.  
Mr. Boyer visited  
Lewis 6/5/56*

Very truly yours,  
THE COOPER-BESSEMER CORPORATION  
  
R. L. Boyer  
Vice President & Chief Engineer

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~~Fac Eng~~

*W* *Hunter*

# WJW-TV

TELEVISION

# Cleveland CHANNEL 8

1630 EUCLID AVENUE • CLEVELAND 15, OHIO • TOWER 1-6080

May 28, 1956

Mr. Wilson Hunter  
NACA  
Cleveland Airport  
Cleveland, Ohio

Dear Wilson:

I thought you might be interested that we used the story of the NACA development program on "Cleveland Today", May 22, 6:25pm on WJW-TV.

Approximately 35 seconds (10 lines) was devoted to the story, and we accompanied it by three still pictures.

If there is any further information you might desire concerning our report, please let me know.

Sincerely,

Ken Armstrong  
News Editor

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Budget  
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*Hunter*

OHIO EDISON COMPANY

GENERAL OFFICES  
AKRON 8, OHIO

May 23, 1956

Dr. Edward R. Sharp, Director  
National Advisory Committee for Aeronautics  
Lewis Flight Propulsion Laboratory  
21000 Brookpark Road  
Cleveland 11, Ohio

Dear Doctor Sharp:

Just a word to thank you for your many courtesies yesterday in providing the conducted tour of your new facility. I appreciated being included in the group.

Sincerely yours,

Franklyn Dickinson  
In Charge of Sales

FD:b

CC: W.H.S.

*Jan* ~~Exec~~ *W.H.S.*  
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 -W.H. Hunter



# DOLLINGER CORPORATION

## ROCHESTER 3, NEW YORK

May 25, 1956

National Advisory Committee for Aeronautics  
Lewis Flight Propulsion Laboratory  
21000 Brookpark Road  
Cleveland 11, Ohio

Attention: Mr. Edward R. Sharp, Director

Dear Mr. Sharp:

Please accept my thanks for a very well-conducted and interesting program at the dedication of the Lewis Unitary Plan Wind Tunnel May 22. I enjoyed it a great deal and carried away some very constructive thoughts that we can use in supplying filters for other wind tunnels.

I left with one of the brochures on the dedication but seem to have lost it in the plane on the way home. If there are some still available would you have someone mail me one, also Dr. Cunningham and our Sales Manager Mr. Lewis L. Dollinger, Jr., has requested that I get one for him also, if available.

Again thank you very much.

Very truly yours,

DOLLINGER CORPORATION

*Hugh H. Carr*  
Hugh H. Carr,  
Chief Engineer

HHC/js

*Acknowledged and brochures sent.*

*adm*  
~~DIRECTOR~~  
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Mech  
Mech:  
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Fac Eng  
*W.H. Hunter*

# THE C. L. GOUGLER MACHINE CO.

MANUFACTURERS OF SPECIAL MACHINERY  
RUBBER AND PLASTIC MOLDS

GENERAL OFFICE  
705-69 LAKE STREET

KENT · OHIO

May 23, 1956

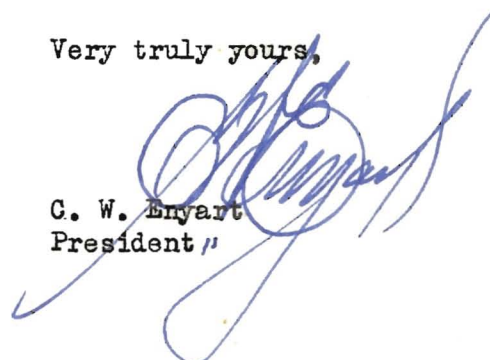
Mr. Edward R. Sharp, Director  
National Advisory Committee for Aeronautics  
21000 Brookpark Road  
Cleveland 11, Ohio

Dear Mr. Sharp:

Unfortunately I was unable to be with you yesterday when the new tunnel was demonstrated, but from the reports I received from Messrs. Breckenridge, Hill, and Shafer, who were in attendance, the day was well planned and everyone present was greatly impressed by what they saw. They were most appreciative of the hospitality extended by you and your associates.

I want to personally thank you for extending an invitation to members of this organization.

Very truly yours,

  
G. W. Bryant  
President

CWE/jd

*Handwritten initials*  
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*W. H. Hunter*



LESLIE R. GROVES  
LIEUTENANT GENERAL, U.S. ARMY (RETIRED)

**Remington Rand**  
DIVISION OF SPERRY RAND CORPORATION  
STAMFORD, CONN.

July 9, 1956

Dear Doctor Sharp:

Thank you very much for your  
thoughtfulness in sending me the two  
candid photographs taken during your  
May 22 gathering.

With very best wishes.

Sincerely yours,

*Leslie R. Groves*

Dr. Edward R. Sharp  
Lewis Flight Propulsion  
Laboratory  
21000 Brookpark Road  
Cleveland 11, Ohio

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Fac Eng

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

75 PUBLIC SQUARE  
CLEVELAND 1, OHIO



Serving THE BEST LOCATION IN THE NATION

ELMER L. LINDSETH  
PRESIDENT

July 11, 1956

Dear Ray:

Thanks for your thoughtfulness in sending me the picture taken at the inspection of your new tunnel. It's a pleasant reminder of a great day.

Kindest regards.

Sincerely,

Elmer L. Lindseth  
President

Mr. E. R. Sharp, Director  
NACA  
21000 Brookpark Road  
Cleveland, Ohio

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- Fac Eng

**S. MORGAN SMITH COMPANY**

**YORK, PENNSYLVANIA**

BURWELL B. SMITH  
VICE-PRESIDENT

July 10, 1956

Dr. E. R. Sharp, Director  
Lewis Flight Propulsion Laboratory  
National Advisory Committee For  
Aeronautics  
21000 Brookpark Road  
Cleveland 11, Ohio

Dear Dr. Sharp:

Thank you very much for having sent Mr. Smith prints of the photographs taken at the time of his visit to your facilities. I am sure Mr. Smith and his associates who were with him that day will appreciate having these prints as a reminder of a very pleasant day.

Sincerely yours,

*Bernice A. Sechrist*

Secretary to Mr. Smith

*WJ*  
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AUSTIN J. PADDOCK  
PITTSBURGH, PA.

July 9, 1956

*9/11/56*

Dear Mr. Sharp:

Thank you very much for sending me the candid photograph taken during the May 22 inspection of the Wind Tunnel. It was very thoughtful of you.

Sincerely,



Mr. Edward R. Sharp  
21000 Brookpark Road  
Cleveland 11, Ohio

*Shurter*

# AMERICAN STEEL & WIRE

DIVISION

UNITED STATES  STEEL CORPORATION

GENERAL SALES DEPARTMENT

HOWARD F. POWDERS  
AVIATION REPRESENTATIVE

ROCKEFELLER BUILDING

CLEVELAND 13, OHIO

July 6, 1956

Dr. E. R. Sharp  
Director, NACA  
Lewis Flight Propulsion Lab.  
21000 Brookpark Road  
Cleveland 11, Ohio

Dear Ray:

Yours of July 5:

Many thanks for your picture taken during the new tunnel inspection on May 22. It brought back memories of a pleasant day, which seems to be a regular occurrence when I visit your organization.

I am sure you will be interested to know that we have a new general manager of sales aboard, Mr. Max D. Millard. He is a graduate engineer and a very fine chap. I should like to take the liberty of suggesting that sometime in the near future we stop out and pay you a visit, which will give him a chance to meet you and gain a brief incite into the functions of NACA. Our good friend, John Graham, retired after nearly 50 years of service, but we hope to see him at various functions from time to time.

We are looking forward to having you aboard at the National Aircraft Show and will fill you in with details regarding same a little later.

Best regards.

Sincerely,

*Howard F. Powders*

Aviation Representative

HFP:cc

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# CLEVELAND PLAIN DEALER

MORNING AND SUNDAY  
SUPERIOR AVE. AT EAST 6TH STREET

THE  
FOREST CITY  
PUBLISHING COMPANY  
523-529 SUPERIOR AVE., N. E.  
CLEVELAND 14, OHIO

# CLEVELAND NEWS

EVENING EXCEPT SUNDAY  
SUPERIOR AVE. AT EAST 18TH STREET

STERLING E. GRAHAM  
PRESIDENT  
CHARLES F. McCAHILL  
SENIOR VICE PRESIDENT  
JOHN A. VAN BUREN  
VICE PRESIDENT

July sixth  
19 56

Dr. Edward R. Sharp,  
Director, N.A.C.A.

Dear Ray:

Many thanks for your thoughtfulness in sending the candid shot taken at the May 22nd inspection of the Unitary Wind Tunnel.

I am still overwhelmed with what I saw on that day and marvel at the strides made in aviation.

I recall witnessing a real estate promotional airplane flight on the property occupied by NACA. That was about 1914. The plane was a Curtis pusher and as I was taking pictures at one end of the improvised runway of the landing the pilot hollered at the top of his voice for me to drop my camera and grab hold of the right strut and hang on.

I did so, wondering why. When my weight caused the biplane to do a slow ground spin, I saw an irrigation ditch about three feet deep not ten feet away.

Today's reversible propellers probably would have caused that ancient craft to take off backwards.

With kindest regards, I am,

Sincerely,



Edward D. Kuekes, Cartoonist  
Cleveland Plain Dealer

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# Westinghouse

ELECTRIC CORPORATION



STANDARD BLDG.  
1370 ONTARIO STREET  
CLEVELAND 13, OHIO

National Advisory Committee for Aeronautics  
21000 Brookpark Road  
Cleveland, Ohio

July 9, 1956

Att: Mr. Edward R. Sharp  
Director

Dear Ray:

Many thanks for your letter of July 5th to which you attached a photograph taken the day of the inspection of this new unitary wind tunnel.

I would say that I was seated at a very head table when we have such a distinguished waiter as Mr. Abe Silverstein.

Congratulations Ray on a very nice party and thanks again for the photograph.

Very truly yours,

*F. H. Geyer*

F. H. Geyer  
Sales Engineer

FHG/jbf

*9/13*  
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## WESTINGHOUSE ELECTRIC CORPORATION

STANDARD BUILDING  
1370 ONTARIO STREET  
CLEVELAND 13, OHIO

National Advisory Committee for Aeronautics  
21000 Brookpark Road  
Cleveland, Ohio

July 9, 1956

Att: Mr. Edward R. Sharp  
Director

Dear Ray:

Many thanks for your letter of July 5th to which you attached a photograph taken the day of the inspection of this new unitary wind tunnel.

I would say that I was seated at a very head table when we have such a distinguished waiter as Mr. Abe Silverstein.

Congratulations Ray on a very nice party and thanks again for the photograph.

Very truly yours,

F. H. Geyer  
Sales Engineer

FHG/jbf



Kenneth Alan Browne  
Terminal Tower  
Cleveland 1, Ohio

July 11, 1956

Dear Ray:

Thanks for your thoughtfulness in sending me the candid picture taken during the very fine inspection show you put on May 22nd. The first look at this picture convinced me that the camera angle was not very flattering.

Sincerely,



Mr. Edward R. Sharp, Director  
National Advisory Committee  
For Aeronautics  
21000 Brookpark Road  
Cleveland 11, Ohio

~~DIRECTOR~~  
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THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

75 PUBLIC SQUARE  
CLEVELAND 1, OHIO



Serving THE BEST LOCATION IN THE NATION

RALPH M. BESSE  
EXECUTIVE VICE PRESIDENT

July 12, 1956

Mr. E. R. Sharp, Director  
National Advisory Committee for Aeronautics  
21000 Brookpark Road  
Cleveland 11, Ohio

Dear Ray:

Thanks for the picture. I still remember  
your inspection day with a glowy feeling. I left  
the premises with my confidence bucked up a great  
deal in the area of military security.

Cordially yours,

RMB:mc

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MAIL & REC. SEC.  
MCA

1956 JUL 12 PM 3 30

**GENERAL ELECTRIC**  
  
**COMPANY**

**AVIATION AND DEFENSE INDUSTRIES**  
**SALES DEPARTMENT**

CENTRAL DISTRICT • 2600 FAR HILLS AVE., DAYTON 9, OHIO • TELEPHONE WALNUT 3174

July 12, 1956

*Handwritten initials*

~~DIRECTOR~~  
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Dr. Edward R. Sharp, Director  
 National Advisory Committee for Aeronautics  
 Lewis Flight Propulsion Laboratory  
 21000 Brookpark Road  
 Cleveland 11, Ohio

Dear Ray:

Many thanks for the marvelous photograph you sent me. I knew that I had had a good time that day, and I am certainly pleased to get such positive evidence of it.

The four of us have had a very interesting and memorable time working on the Unitary Wind Tunnel, and we certainly hope and expect that you will do wonderful things with it.

Best personal wishes.

Yours truly,

*Handwritten signature: Bob*

R. B. Wall, Manager  
 Government Facilities Sales

RBW:jb

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WVIF'S REC'D SEC  
 NYCV

JUL 24 1956

REC'D

FILED

JUNIOR W. EVERHARD

ARCHITECT

Member The American Institute of Architects

305-306 HIPPODROME BUILDING - CLEVELAND 14, OHIO - PHONE MAIN 1-3714

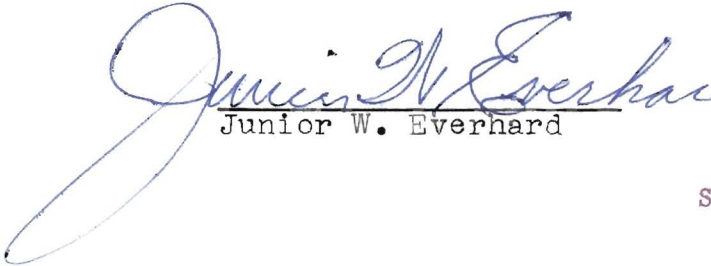
July 28, 1956

Mr. Edward R. Sharp,  
National Advisory Committee  
For Aeronautics,  
Lewis Flight Propulsion Laboratory,  
Cleveland, Ohio.

Dear Mr. Sharp:

I was out of the city when the photograph  
of one of the groups at the May 22nd inspection  
which you sent arrived. However, I do wish to  
express my thanks for your courtesy in this connection.

Cordially yours,

  
Junior W. Everhard

JWE/a

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