NACA - LEWIS FLIGHT PROPULSION LABORATORY

INSPECTION - June 2 - 4, 1954

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NACA-LEWIS FLIGHT PROPULSION LABORATORY INSPECTION

June 2 - 4, 1954

Table of Contents

Material for Visitors

Attendance Lists

Opening Talks

Operating Problems

Nuclear Propulsion

Compressor Research

Combustion and Fuels

Full-Scale Engine

Aerodynamic Heating

Flow Visualization

Research Newsreel

Static Displays

Guest Photographs

Press Releases

Press Clippings

Inspection Preparation

Guest Letters

Cleveland, Ohio
January 22, 1954

MEMROANDUM For Mr. Willson H. Hunter

Subject: Inspection to be held June 2, 3, and 4, 1954 at Lewis

1. Will you please take charge of the inspection to be held June 2, 3, and 4? Below is a series of ideas for stops at the Inspection. I suggest that we continue as in the past to have 8 stops of average length - 35 to 40 minutes - or as is required to fill out the day.

2. The suggestions below have not as yet been submitted to NACA Headquarters for approval and are definitely tentative. I suggest that you contact the different divisions involved, in a tentative sort of way, and ask them to submit more detailed programs for the areas indicated.

1. Ames and Langley contributions

2. Operating Problems - Physics

3. PSL - ER) Controls
) Blade vibrations

4. Afterburning, buzz, and burning Mg. - F&C

5. Computing and Data Handling - Physics

6. Nuclear Propulsion - M&T

7. The Supersonic Engine - SWT

8. New Ideas for Compression - C&T

9. Engine Structures - M&T

10. Fundamentals of Combustion - F&C

Abe Silverstein
Associate Director

AS:mms

Copy to J.J. Modarelli

The National Advisory Committee
for Aeronautics

extends a cordial invitation to

Government officials and

key personnel in aeronautics

to attend the

1954 Triennial Inspection of the

NACA LEWIS FLIGHT PROPULSION LABORATORY

Cleveland, Ohio

Wednesday, June 2, 1954 *Thursday, June 3, 1954*

or

Friday, June 4, 1954

at 9:30 a.m., EDT

(Identical programs each day)

R. S. V. P. (OVER)

1954 Triennial Inspection of the

NACA LEWIS FLIGHT PROPULSION LABORATORY

West Side of Cleveland Municipal Airport

Cleveland, Ohio

Wednesday, June 2, 1954 | Thursday, June 3, 1954 | Friday, June 4, 1954

(Identical programs each day, 9:30 a. m., EDT)

The 1954 Triennial Inspection of the NACA Lewis Flight Propulsion Laboratory will be held at Cleveland, Ohio, in three separate sections on the dates shown.

This Inspection will afford interested Government officials and key personnel in aeronautics an opportunity to learn at firsthand of recent progress in research in the field of aircraft propulsion at the NACA Lewis Laboratory and also some of the latest progress in research at the Langley and Ames Laboratories of NACA. Demonstrations will also be made of new research facilities and techniques.

The large number of guests expected to attend will make it impracticable for the NACA to arrange for transportation or hotel accommodations. The following hotels have agreed, however, to accommodate NACA Inspection guests so identifying themselves, for rooms on nights preceding the inspection dates, provided reservations are requested before May 25, 1954:

Cleveland Hotel	Carter Hotel
Public Square and Superior Avenue	1012 Prospect Avenue

Special bus transportation will be provided, leaving from the Cleveland Hotel and the Carter Hotel at 8:30 a. m., June 2, 3, and 4. These busses will transport guests to and around the Laboratory and return them to the hotels about 5:30 p. m.

Those motoring are requested to plan to arrive at the Laboratory Administration Building on the west side of the airport by 9:10 a. m. Ample parking facilities will be available. For guests arriving by commercial air transport, NACA busses will be available from 8:30 to 9:30 a. m. for transportation to the Laboratory Administration Building. Guests arriving by Government or private plane are requested to plan to land on the Cleveland Municipal Airport by 9:00 a. m. and taxi to the NACA Hangar on the northwest corner of the airport.

Attendance is limited to guests registered in advance. Registrations will be made only upon acceptance in writing of this invitation. Attendance is also limited to American citizens.

Please return the enclosed acceptance form as soon as convenient, to:

EDWARD R. SHARP, *Director,*
Lewis Flight Propulsion Laboratory,
National Advisory Committee for Aeronautics,
21000 BROOKPARK ROAD, CLEVELAND 11, OHIO.

For telephone inquiries, call either:

Cleveland, Ohio, Lewis Laboratory, Winton 1–6620 (Mrs. M. L. Gosney), or
Washington, D. C., NACA Headquarters, Liberty 5–6700, Extension 63976.

U. S. GOVERNMENT PRINTING OFFICE 292631

[Please type or print, and mail this form as indicated]

Confirmation of Registration to attend the 1954 Triennial Inspection of the

NACA LEWIS FLIGHT PROPULSION LABORATORY

West Side of Cleveland Municipal Airport, Cleveland, Ohio

To: FROM: EDWARD R. SHARP, *Director,*
Lewis Flight Propulsion Laboratory,
National Advisory Committee for Aeronautics,
21000 Brookpark Road, Cleveland 11, Ohio

.....
(Date)

FRO

To: .....
(Name)

.....
(Title)

.....
(Organization)

.....
(Address)

Registration has been made for the following representatives to attend the Lewis Inspection on the dates indicated. Please inform these representatives that their registrations are confirmed.

	June 2, 3, or 4	
	First Choice	Second Choice
(1) ..... (Name) (Title)	.....	.....
(2)	.....	.....
(3)	.....	.....
(4)	.....	.....
(5)	.....	.....
(6)	.....	.....

Arrivals will be expected as follows:

Guest No.

..... By NACA bus, leaving from the front of the { ☐ Hotel Carter / ☐ Hotel Cleveland } at 8:30 a. m.

..... By private auto, NACA Administration Building, West Side of Municipal Airport.

..... By private or government aircraft, taxiing to NACA Hangar, northwest corner of Municipal Airport.

..... By NACA bus from Municipal Airport.

....

(Signature) .....

E. R. SHARP, *Director,* NACA Lewis Lab.

U. S. GOVERNMENT PRINTING OFFICE 202630

[Please type or print, and mail this form as indicated]

Acceptance of Invitation to attend the 1954 Triennial Inspection of

NACA LEWIS FLIGHT PROPULSION LABORATORY

West Side of Cleveland Municipal Airport, Cleveland, Ohio

To: EDWARD R. SHARP, *Director,*
Lewis Flight Propulsion Laboratory,
National Advisory Committee for Aeronautics,
21000 Brookpark Road, Cleveland 11, Ohio

.....
(Date)

FROM: .....
(Name)

.....
(Title)

.....
(Organization)

.....
(Address)

Invitation accepted and I plan to attend:

Check which day		First Choice	Second Choice
	Wednesday, June 2, 1954	☐	☐
	Thursday, June 3, 1954	☐	☐
	Friday, June 4, 1954	☐	☐

My arrival will be as follows:

..... By NACA bus, leaving from the front of the { ☐ Hotel Carter / ☐ Hotel Cleveland } at 8:30 a. m.

..... By private auto, NACA Administration Building, West Side of Municipal Airport.

..... By private or government aircraft, taxiing to NACA Hangar, northwest corner of Municipal Airport.

..... By NACA bus from Municipal Airport.

....

I am an American citizen.

.....
(Signature)

U. S. GOVERNMENT PRINTING OFFICE 292629

NACA

LEWIS FLIGHT PROPULSION LABORATORY

1954 INSPECTION
LUNCHEON & REFRESHMENTS

June 4, 1954

Luncheon will be served at 1:00 pm

NACA 534

LEWIS FLIGHT PROPULSION LABORATORY

1954 INSPECTION
LUNCHEON & REFRESHMENTS

June 3, 1954

Luncheon will be served at 1:00 pm

NACA 187

LEWIS FLIGHT PROPULSION LABORATORY

1954 INSPECTION
LUNCHEON & REFRESHMENTS

June 2, 1954

Luncheon will be served at 1:00 pm

1954 NACA INSPECTION
LEWIS FLIGHT PROPULSION LABORATORY
CLEVELAND, OHIO, JUNE 2, 3, 4, 1954

8:30 a. m.	Buses leave Hotels Cleveland and Carter
9:15 a. m.	Registration at NACA Administration Building Lobby
9:50 a. m.	Welcome and Orientation Talks in Auditorium and Room 219
10:20 a. m.	Leave Administration Building in Buses by color groups:

	Red	White	Blue	Gold	Green	Brown	Tan	Grey
COMPRESSOR RESEARCH Engine Propeller Research Building	Start 10:25	Start 10:25	12:25 lunch	12:25 lunch	2:05	2:05	4:05 G	4:05 G
FULL SCALE ENGINE RESEARCH Propulsion Systems Lab. Shop & Access Bldg.	11:00	11:50	Start 10:25	2:05	2:40	4:05 G	3:30	12:25 lunch
STRUCTURAL EFFECTS OF AERODYNAMIC HEATING 8- by 6-foot Supersonic Wind Tunnel	R 11:50	12:25 lunch	11:00	2:40	4:05 G	R 3:30	2:05	Start 10:25
RESEARCH NEWSREEL Propulsion Systems Lab. Equipment Bldg.	12:25 lunch	11:00 R	R 11:50	4:05 G	R 3:30	Start 10:25	2:40 R	2:05
COMBUSTION AND FUELS RESEARCH Engine Research Building	2:05	2:40	4:05 G	R 11:50	12:25 lunch	11:00	Start 10:25	R 3:30
AIRCRAFT OPERATING PROBLEMS RESEARCH Flight Hangar	2:40 R	R 3:30	2:40 R	R 3:30	11:00 R	R 11:50	11:00 R	R 11:50
FLOW VISUALIZATION TECHNIQUES Instrument Research Building	3:30	4:05 G	2:05	Start 10:25	11:50	2:40	12:25 lunch	11:00
RESEARCH PROBLEMS IN NUCLEAR PROPULSION Materials and Stresses Building	4:05 G	2:05	3:30	11:00	Start 10:25	12:25 lunch	11:50	2:40

R - Refreshment Break
G - Get-together at Picnic Grounds