Willson Hunter

AIRCRAFT ARRIVALS

FOR

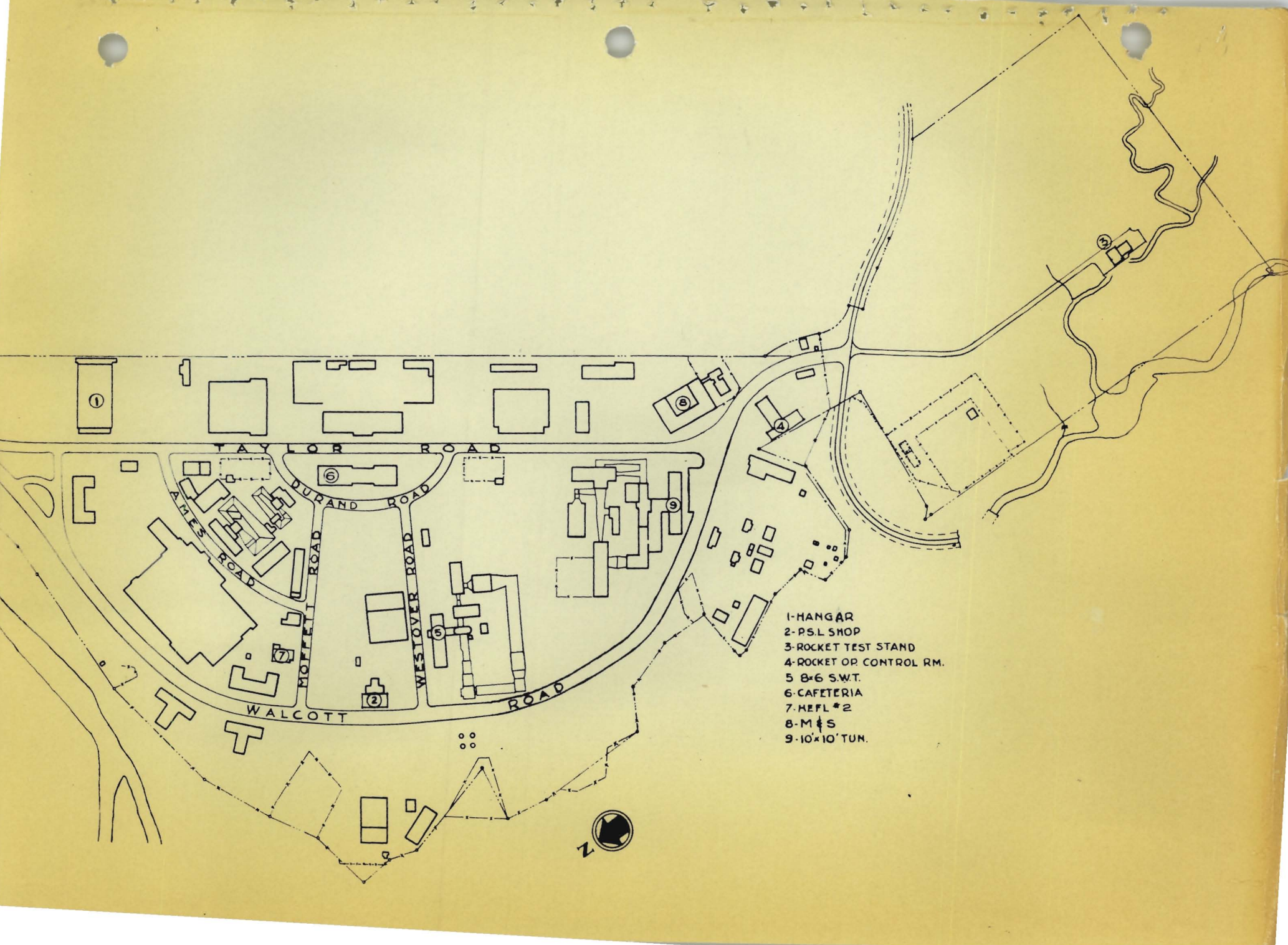
TRIENNIAL INSPECTION OF

LEWIS FLIGHT PROPULSION LABORATORY

October 7-10, 1957

Oct. 7	-	C-47	-	S/N	48856
		R4D-6	-		99846
		L-26	-		564024
		SNB-5	-		67201
		Bonanza	-		N-4241-D
		R4D-6	-		NACA-106
		D-18	-		N-4216
		C-47	-		48500
		D-18	-		N-86-R
		JRB-6	-		39795
		Cessna	-		N-5561-B
		C-45	-		VC-1597
Oct. 8	-	SNB-5	-		51096
		Navion	-		N-4275-K
		SNB-5	-		2385
		L-27	-		57888
		Piper	-		N-1038-P
		R4D-6	-		99846
		C-47	-		16377
		R4D-6	-		17183
		Commander	-		N-6809-S
		Apache	-		N-1046-P
		Cessna	-		N-1595-D
		SNB-5	-		51207
		C-46	-		N-39636
		C-45	-		11484

Oct. 9	-	D-18	-	S/N	80160
		C-45	-		1597
		DC-3	-		16016
		Bonanza	-		N-4422-D
		Convair	-		N-13302
		R4D-6	-		99846
		C-131	-		7788
		Beech	-		N-73-A
		C-45	-		210743
		JRB-6	-		39991
		C-47	-		48500
		L-23	-		36188
		C-54	-		45600
		C-47	-		NACA-106
		L-23	-		6155
		R4D-8	-		99857
Oct. 10	-	C-47	-		24311
		C-47	-		15524
		B-25	-		58890
		C-47	-		846
		R4D-6	-		0831
		DC-3	-		16019
		C-131	-		7788
		C-45	-		439
		C-47	-		9203
		C-117	-		52559
		C-54	-		49126
		C-47	-		NACA-106
		T-33	-		79847
		R4Y	-		41014
		B-26	-		612
		L-23	-		36188
		C-131	-		816
		L-26	-		4646
		L-26	-		54634
		L-20	-		845
		L-27	-		57889


TAYLOR ROAD
DURAND ROAD
AMES ROAD
MOFFETT ROAD
WESTOVER ROAD
WALCOTT ROAD
N
1-HANGAR
2-P.S.L. SHOP
3-ROCKET TEST STAND
4-ROCKET OP. CONTROL RM.
5 8×6 S.W.T.
6-CAFETERIA
7-HEFL #2
8-M&S
9-10'×10' TUN.

NACA - Lewis

Cleveland, Ohio
October 9, 1957

MEMORANDUM For Each Employee

Subject: Employee's Day at the 1957 Lewis Inspection, Friday, October 11

1. An opportunity for each of you to attend the inspection demonstrations will be provided on Friday. Those who are not required for conducting the demonstrations at each stop or for other essential duties at the Laboratory will be excused as of 12:00 for the purpose of visiting demonstration stops listed on the reverse side of this memorandum.

2. Starting at 12:00 each demonstration will be repeated at 30-minute intervals ending at 5:00 pm with the exception of the stop at the hangar which will start at 12:00, 1:00, 2:00, 3:00, and 4:00. There will naturally be capacity crowds at each stop and we urge that you will be both quiet and patient while awaiting your turn to be seated in the demonstration area.

3. Visitors to the demonstrations in Room 4 of the M & S building must use the North, outside, stairwell for entrance and exit.

4. The same luncheon schedule that has been in effect for the formal inspection will be continued through Friday. Only the ERB Room will remain open after 12:00 for service.

5. Weather permitting, the staff is welcome to attend a brief get-together at the picnic area after 5:00 pm for the usual refreshments at a nominal price.

Edward R. Sharp
Edward R. Sharp
Director

cc: Each Employee
NACA Files

STOP TITLES	LOCATIONS
High-Energy Aircraft Fuels	High Energy Fuels Lab. No.2, Cell 1
High-Energy Rocket Propellants	Rocket Test Stand, South 40
Aircraft Noise Reduction	Flight Hangar
Propulsion Research for Hypersonic Flight	Propulsion Systems Laboratory, Shop Building, 2nd Fl.
High-Temperature Materials	M & S Building, Basement Room 4
Aircraft Nuclear Propulsion	New Rocket Operations Building, Control Room
Research Newsreel	8 x 6-foot Supersonic Tunnel, Observation Room
Supersonic Turbojet Propulsion	10 x 10-foot Supersonic Tunnel, Observation Room
Tour of Lewis 10 x 10-foot Wind Tunnel	10 x 10 Control Room, Damper Room, Shop, Test Section, Flexible Wall, Room 200

W. H. Hunter

May 23, 1957

Dr. Henry J. E. Reid, Director
NACA Langley Aeronautical Laboratory
Langley Field, Virginia

Dear Dr. Reid:

We are beginning to formulate plans for the Triennial Inspection to be held at Lewis the week of October 7th, 1957, and assume that you plan to participate to the same extent as you have previously.

It will help us in our overall preparations and space allocations if you will advise us in the near future the general subject matter you plan to discuss and the nature of the services that you will need for your demonstrations and displays.

Yours very truly,

Willson H. Hunter
Assistant to the Director

WHH:mch

cc: NACA Hdqtrs.(2)
Files
W. H. Hunter

6. ANP Single Group

(a) Plum Brook Reactor Facility Model
(b) Discussion of engine cycles of interest
(c) Materials, structures, installation problems for nuclear propulsion systems.

7. Langley Stop Single or double group

8. Ames Stop Single or double group

cc: Oscar Sibley

WHH
5-3-57

proposed

1957 TRIENNIAL INSPECTION

Theme: Facilities and Techniques for Advanced Engines

Places and Major Items to be shown:

1. 8x6 Transonic Tunnel (MO.5 - 2.25) Single Groups
   - (a) Observation Room (Tunnel not to be run)
   - (b) Control Room (Static Displays; data transmission)
   - (c) Test Chamber } Show by movies or TV if not to be
   - (d) Test Section } included in a walk-through.
   - (e) 3-D Model of revised tunnel in observation room.
   - (f) Special Schlieren (?)

2. 10x10 SWT M(2.0 - 3.5) Single Groups
   - (a) Observation room (chairs here) (Tunnel not to be run) (3-D model)
   - (b) Control room - Use existing TV for data displays, etc.
   - (c) Dampr Room - label equipment
   - (d) Test Section - have floor partway down
   - (e) Flexible wall - operate
   - (f) Exhausters - Static
   - (g) 24-foot valve - operate valve; demonstrate acoustical treatment.
   - (h) Main Drive - Blade displays, etc.
   - (i) Shop Area (Static displays - Coffee/coke stops for double groups)

3. Central Data Processing - Single Groups
   - (a) Room 200, 10x10 SWT
     - (1) Cadde
     - (2) ERA 1103; Input-output-interrupt equipment; flexowriters.
     - (3) Movies of other equipment (650's, C&T equipment, automatic blade cutter)
     - (4) Static displays

4. New Rocket Laboratory - Single or double groups
   - (a) New Operations Bldg. Control Room
   - (b) Tour following firing of test rocket:
     - (1) Propellants and water storage; upper level
     - (2) Firing stand, pressurization tanks, intermediate level
     - (3) Water receiver and treatment equipment, lower level
   - (c) 3-D Model in control room.
   - (d) Static displays - Coffee/coke stops

5. Propulsion Systems Laboratory Single groups.
   - (a) New Operations Bldg.
   - (b) Engine displays.

May 6, 1957

1957 INSPECTION

Preliminary Ideas

LOCATION	SUBJECT MATTER
1. 8x6 SWT	Transonic Drag or Aircraft Noise Suppression
2. 10x10 SWT	High Mach No. Configurations for Air Breathing Engines
3. M&T	Materials for High Temperature (perhaps ANP general theme)
4. SW-22	High-Temperature Facilities for High-Temperature-Air-Breathing Engines; Heat Transfer (missile theme); Pebble Bed or Arc Jet Heater
5. Rocket Lab.	High Energy Propellants (Demonstration)
6. ?	Research Newsreel of Activities not to be Visited
7. ?	Hypersonic Drop Missile Research
8. ?	High Energy Fuels?

Abe Silverstein

cc: Oscar Schey

WHH
5-3-57

1957 TRIENNIAL INSPECTION

Static Displays
(Material other than that needed by the speaker; to be located mainly at refreshment stops).

1. Lab model in Foyer is one display now being revised.
2. Automatic machine control for blade cutting, etc.
3. Recording and processing of digital data (Typed, fax, tape)
4. Rocketry. High-temperature-gas tunnel, etc., etc.
5. Air Dryer Schematic and facts. (10x10)
6. Compressor blade progress and air-cooled turbine blades.
7. Aircraft engine noise suppression research.
8. Speed range changes for various engines in past 10 years.
9. Instrumentation for supersonic research: pressure, temperature
10. Model force measurement demonstration.
11. Calibration device for Flexwall hydraulic drive mechanism.
12. High-lights of Lewis' small supersonic tunnels.
13. Growth of Lewis air distribution system and capacities.
14. Models tested in 8x6 (Photographic-show results)
15. Models tested in 10x10 (Photographic -- show results.)
16. Display wide scope of research here applicable to ICBM or other missiles.
17. High-energy chemical fuels or propellants (?)

W. H. Hunter
200 Ad

NACA-Lewis

Cleveland, Ohio
April 15, 1957

Memorandum for the Director

Subject: Plans for 1957 Inspection at Lewis in October

1. In a telephone conversation this date with Mr. Paul G. Dembling of Washington, he gave the following information:

Invitations will be sent out from Washington the latter part of August

July 15 - deadline for receiving Lewis invitation list, for checking against Washington list for duplications

2. Washington office requests that addressograph plates be run for our list (4 cards, 3x5", 2 for Washington, 2 for Lewis).

3. The invitation will go to invitee in triplicate, and the acceptance copy and confirmation copy will be sent by invitee directly to Lewis, whereupon confirmation copy will be mailed from here.

4. After invitations have been sent out by Washington, a supply of blank invitations will be forwarded to Lewis for subsequent invitations to be issued from here.

5. With reference to paragraph 2, addressograph plates will also be used to address envelopes for our invitations, which will be sent with the two cards for each invitee for Washington.

6. Hotel reservations have been made at the Hotel Carter and Hotel Cleveland, with a deadline of October 1, and the Washington Office so advised.

M. L. Gosney

Copies to: W. H. Hunter
J. S. Brown
J. Modarelli

NACA - Lewis

Cleveland, Ohio
October 1, 1957

MEMORANDUM For Those Concerned

Subject: Assignment of duties for Triennial Inspection

1. A meeting will be held Wednesday, October 2 at 1:30 in the Ad. Building Auditorium for the following people. At this time instructions will be given for the duties to be performed. (If for any reason, assignments cannot be carried out, call Mrs. M.L.Gosney, PAX-2228.)

GROUP LEADERS, ASSISTANT GROUP LEADERS, For October 7 and 8

Group	Group Leader	Asst. Group Leader	Group Guides	Bus Guides
Red	J.Howard Childs	J.Daus	H.E.Rohlich	G.J.Widra
White	W.J.McCann	W. E. Emley	Starr Truscott	E.R.Kaltenstein
Blue	R.Breitweiser	C. E. Maley	Wm.Osborn	R.A.Nagy
Green	John H.Disher	Frank Friswold	Robert Manning	R.J.Schwartzenberg
Brown	John Esterly	Don Groesbeck	Frank Dunn	J.F.Corrigan
Gold	L.Corrington	Cal Weiss	R. E. Jacobs	J.R.Southam
Tan	Robt.Godman	R. P. Geye	Wm. McComb	W.W.Green
Gray	R.E.Tozier	Vern G.Rollin	Tony Castlenovo	J.H.Carberry
			Alternates:	Alternates:
			Mike Klenston	J. Swier
			Tony Tronbetto	W.C.Charvat
			Robert Cadman	J. Tupper
			Richard Wilson	

GROUP LEADERS, ASSISTANT GROUP LEADERS For October 9 and 10

Group	Group Leader	Asst. Group Leader	Group Guides	Bus Guides
Red	H. C. Barnett	C.S.Moore	Same as	Same as
White	Bruce R. Leonard	George Bode	listed	listed
Blue	J. Esgar	Jas.Gangler	above	above
Green	J.C. Nettles	George Lewis, Jr.		
Brown	T.Shillito	Ed Corsetti		
Gold	J.E.Farmer	T.F.Gelder		
Tan	C.L.Meyer	T.F.Ockully		
Gray	J.E.Jenkins	R.P.Allen		

DEMONSTRATION ATTACHES:

Building	Room	Telephone	Attache
High Energy Fuels Lab No.2	Main Floor	6202	Don Mohr
Rocket Test Stand	Shop	2244-6235	George Mack
Flight Hangar	Room 101	4171	Emily Ertl
PSL - Shop	Office	5109	
M & S Bldg.	Room 5	4122	Joe Douglas
8 x 6 SWT	Room 113	4211-4212	Alma Wildy
10 x 10 SWT	Room 109	6104	Anne Woolett
Rocket Operations Bldg.	Cont.Rm.	5202	Mary Lou Wakeland

HOTELS - ATTACHES:

Hotel Cleveland	L. R. Madigan	Telephone	TOwer 1-8000
Hotel Carter	O. Hickey		PRospect 1-7200
Hotel Statler	J. Schneider		PRospect 1-6800
Hotel Manger	N. Prahst, Sr.		TOwer 1-2345

CENTRAL MESSAGE CENTER AND NACA AUTOMOBILE DRIVERS
Room 110 - Ad. Bldg. - PAX-4152 WInton 1-6620 (Ext. 17)
J. E. Bullock, In Charge

P. A. Romano
J. Steigerwald
J. A. Swier
J. G. Tupper
W. J. Charvat
G. Steiner
W. C. Klein
R. M. Young

REGISTRATION DESK - Lobby, Ad. Bldg. M.L. Gosney, In charge PAX 2228

Rosemary Weiss
Rita Roach
Peg Lawrence
Betty Callaghan
Millie Hutchison
Irene Geye
Diane Cudlin
Jean Chapman
Evelyn Ruprecht/Marj.Melda
Marg. Barbaglia

LOBBY ATTACHES - M. L. Gosney, in charge - PAX-2228

P. A. Romano
J. Steigerwald
G. Steiner
R. M. Young

LUNCHEON TICKET SALES - Esther Wagner, in charge, PAX-3109

Frances Shotwell
Chris Truax
Betty Jane Hood

PRESS ROOM - 204 Ad. Bldg. - Matt Portz, in charge - PAX-2201 for the days of October 7, 8, and 9.
107 Ad. Bldg. - Matt Portz, in charge - PAX-3254 for the day of October 10.

Joe Sikosky
Norm Prahst, Sr.

TRAVEL INFORMATION, BADGES - Room 109, Ad. Bldg. - Pauline Lucas, in charge PAX-5208

Norma Curren
Eleanor Zay

USHERS - Auditorium

Marilynn Moore
Diane Calmer
Dorothy Bullock

CLOAK ROOMS - Rooms 115 - 116 Ad. Bldg.

BAGGAGE ROOMS - Rooms 111-112, Ad. Bldg. - PAX-4152
J. E. Bullock, in charge

Telephones for Guests - Room 102, Ad. Bldg. - Norma Curren - PAX-2279
Refreshment Stops - Esther Wagner, in charge - PAX-3109
Picnic Grounds - PAX-3211 - A.J.Hess, J.McGreal — Dan Monroe, in charge, Frank Glowacki

HANGAR - W. V. Gough in charge, PAX 2155 or 4175; HANGAR ESCORTS - D. Black - 4271
FLIGHT OPERATIONS; WEATHER, FLIGHT PLANNING, & COMMUNICATIONS - W. Swann in charge, 4278.
AIRPLANE PARKING AND SERVICING - A. Balazi, PAX 2155 or 4171

General Instructions

1. Group leaders, assistant group leaders, and group guides named above shall report to the Message Center (Room 110 Ad Bldg.) at 9:30 a.m. on each day of the Inspection to obtain identification badges, arm bands, and color standards for their respective groups. The group leaders shall be responsible for making the necessary introductions upon arrival at each exhibit and for maintaining schedules. The assistant group leaders shall assist the group leaders in keeping the groups moving as a unit. The group guides shall carry the color standard for the groups and shall keep the group leaders informed concerning the time in order that arrivals at and departures from exhibits may be made according to schedules.

2. Busses as required will start at the Hotels, Cleveland, Carter and Statler and a station wagon from the Hotel Manger, each morning. Mr. Joe Bullock will advise attaches on Friday, October 4, as to number of busses for each hotel. Hotel attaches will be in charge of Information Desks at their respective hotels from 7:30 a.m. each day until departure of last bus, or station wagon. They will call the Laboratory (WInton 1-6620, Ext. 17) when last bus departs. Busses should be dispatched not later than 8:45 a.m.

3. Bus guides shall take stations for their respective busses at 8:00 a.m. at the hotels and shall stay with their respective busses during all group movements. Bus guides will unload one bus at a time at the Administration Building, to allow time for registration of each group in the Lobby before unloading the next bus.

4. An NACA station wagon and one government car will be stationed at the Cleveland Airport each morning at 8:00 a.m. Mr. Walter Klein will be in charge of the NACA Information Desk at the airport and will coordinate with Mr. Joe Bullock (WInton 1-6620 Ext. 17) on transportation requirements.

5. Hangar attaches shall be responsible for guiding visitors to the Lobby entrance of the Administration Building. Mr. W. V. Gough will be in charge of the Reception Committee at the Hangar.

6. Registration clerks and lobby attaches shall report to Mrs. Gosney in the Lobby of the Administration Building at 8:00 a.m. on each morning of the inspection.

7. An information desk for hotel and travel reservations (Pauline N. Lucas in charge) will be stationed in Room 109, Ad. Building PAX-5208, each day. Attaches in various groups will be able to obtain information for visitors at any time during the day for members of their group as to status of reservations.

8. Central Message Center. Information will be available here for relay of messages to attaches at the various stops as to guests in color groups.

Willson H Hunter

Willson H. Hunter
Assistant to the Director

WHH.jyg

NACA - Lewis

Cleveland, Ohio
September 30, 1957

MEMORANDUM For Each Employee.

Subject: Family Day, Sunday, October 13, 1957.

1. On Sunday, October 13, Laboratory employees and their families will be given an opportunity to inspect the Laboratory facilities from 1:00 p.m. to 5:00 p.m. Citizens of the United States only may be admitted under present security regulations, and the general public may not be invited.

2. Tickets will be issued, through Division Offices, for all persons desiring to attend the Family Day demonstrations. One ticket will be required for each adult and the names of children under the age of 12 years must be written on an adult ticket. Admittance will be at either gate and confusion can be avoided if the tickets are completed before reaching the Laboratory. Employees should accompany their guests and shall be responsible for their conduct while on the Laboratory grounds. Requests for exceptions to these restrictions may be directed to the Security Officer for consideration, PAX 4152.

3. All buildings, laboratories, and rooms (except stockrooms and the Materials & Stresses Building) normally open during a work day will be open during the Family Day. Each division will be responsible for posting guides in general areas that it normally uses. For example, one person at the front door of each office building; two persons per entrance in laboratory buildings such as Fuels and Lubricants, Instruments, 8- x 6-foot and 10- x 10-foot Supersonic Wind Tunnels; one for each test cell or for a small group of related test cells in ERB; adequate coverage in shops, etc. Research divisions will be responsible for all research areas, and Service and Administrative Divisions for other areas.

4. During Family Day, the Inspection talks, substantially the same as given during the Inspection, will be repeated approximately every 30 minutes (starting on the hour) at the locations and on the subjects shown in the schedule on the reverse side of this memorandum. It is expected that the M&S demonstration will be shown as a movie in the Auditorium on this day.

5. Refreshments will be sold at the Cafeteria, the ERB room, and the picnic grounds.

6. Any questions concerning any of the provisions of this memorandum should be referred to the Administrative Management Office, PAX 2221.

Edward R. Sharp

Edward R. Sharp
Director

cc: Each employee; NACA Headquarters; Files.

STOP TITLES	LOCATIONS
High-Energy Aircraft Fuels	High Energy Fuels Lab. No. 2, Cell 1
High-Energy Rocket Propellants	Rocket Test Stand, South 40
Aircraft Noise Reduction	Flight Hangar
Propulsion Research for Hypersonic Flight	Propulsion Systems Laboratory, Shop Building, 2nd Floor
High-Temperature Materials	M & S Bldg, Basement Room 4 Administration Building Auditorium
Aircraft Nuclear Propulsion	New Rocket Operations Building, Control Room
Research Newsreel	8- x 6-foot Supersonic Tunnel, Observation Room
Supersonic Turbojet Propulsion	10- x 10-foot Supersonic Tunnel, Observation Room
Tour of Lewis 10- x 10-foot Wind Tunnel	10- x 10 Control Room, Damper Room, Shop, Test Section, Flexible Wall, Room 200.

NACA - Lewis

Cleveland, Ohio
July 17, 1957

MEMORANDUM For Chief, Procurement & Supply Division

Subject: Chair Requirements for 1957 Lewis Inspection, October 7-13

1. Present plans call for four official inspection days, October 7 through 10, at which we will accommodate approximately 400 visitors a day in 8 groups of 50; an Employee's Day on October 11 for which more seats would be desirable in most areas; and a Family Open House Day on October 13, for which seating needs will be about the same as for the Employee's Day, except that the M&S Building will be secured and the two presentations from there may be presented in movie form in the Auditorium.

2. Seating requirements for the official inspection days are expected to be as follows:

PLACE	NO. OF CHAIRS
Ad. Bldg, Room 219	60
Auditorium	350
Cafeteria	550
Hangar	110
PSL Shop Addition	110
HEFL #2	55
8x6 Observation Room	55
10x10 Observation Room	55
New Rocket Test Stand	55
M&S Stress Lab.	55
M&S Cyclotron Beam Room	55

In 1954 we used existing leather chairs from Room 204 and offices in Room 219 for the Auditorium overflow If I remember correctly, ERB room chairs were moved to the Cafeteria. Wherever possible, we would like all the chairs at any one location to be alike. A 10% average is indicated for each stop.

3. No chairs will be needed for visitors at refreshment stops to be set up in the Hangar, M&S Basement, PSL Shop Addition, and 10x10 Shop.

4. During Employee's Day on October 11, M&S stops will be open to employees. The Auditorium will not be used and no special setup will be needed in the Cafeteria.

5. During Family Open House Day, chairs from the two M & S stops and the auditorium foyer can be moved to the Hangar, PSL Shop 2nd Floor, 8 x 6 observation room, 10 x 10 observation room where maximum seating will be needed. Cafeteria and ERB Room will need setup for serving light refreshments.

6. Some chairs are to be available at each stop by September 18 for first rehearsal. Chair setup at stops is to be completed by second rehearsal September 25. Auditorium setup must be completed by Oct. 4.

7. Unless repeat performances for special groups are scheduled, and we know of none at this time, any borrowed chairs can be returned immediately after Oct. 13.

8. Any changes in plans that will affect the chair requirements will be brought to your attention promptly.

Willson H. Hunter
Assistant to the Director

WHH:mch:img

NACA - Lewis

Cleveland, Ohio
June 20, 1957

MEMORANDUM For All Concerned

Subject: Request for Revisions to Invitation List for Lewis Inspection to be held October 7-10, 1957

1. You are requested to submit recommendations for revisions to the Invitation List for the 1957 Inspection in order that the 1954 Lewis Laboratory guest list can be brought up to date and forwarded to Headquarters for the issuance of formal invitations.

2. Lists should include those agencies, companies, universities, service groups, and/or individuals who will benefit from learning more about Lewis Laboratory, as well as those whose influence may help NACA or our employees in this community. We are not seeking to increase the number of guests to be invited, but we do wish to make certain that our invitations reach the proper persons.

3. Please be accurate with respect to name, title, affiliation, and mailing address.

4. Your lists should be delivered to M. L. Gosney, Administration Building Lobby, not later than July 1st.

Willson H. Hunter
Willson H. Hunter
Assistant to the Director

WHH:mch

cc: All Division Chiefs
E. R. Sharp
A. Silverstein
E.J. Manganiello
J.H. Collins
R.C. Sessions
O.W. Schey
C.A. Herrmann
S.V. Kramer
J.S. Brown
V. Gordon
H.B. Bracy
W.K. Ritter
M.L. Gosney
Files
W.H. Hunter