1957 NACA Triennal Inspection
Suggested Introduction to be Used by
Group Leaders

Hangar: Here in the Lewis Flight Hangar we wish to discuss the problem of Aircraft Noise Reduction. As the first speaker on this subject I would like to present Mr. Newell Sanders.

PSL Shop: You are now seated in the newly completed shop building of our Propulsion Systems Laboratory. Here we will discuss Propulsion Research for Hypersonic Flight. The first speaker will be Mr. Martin Saari or Harold E. Bloomer.

High Energy Fuels Lab No. 2: You are now seated in a full-scale engine test cell in our newest High Energy Fuels Laboratory which is rapidly nearing completion. The first speaker on the subject of High Energy Aircraft Fuels will be Mr. (Warren Rayle or James Morris)

Rocket Test Stand: You are now seated in the actual test area of our recently completed rocket research facility. The subject to be presented here is High Energy Rocket Propellants and I would like to present the first speaker Mr. (Edmund Jonash or Adelbert Tischler)

10 x 10 Observation Room: This is the observation room of our new 10 x 10 foot Wind Tunnel where a presentation of the problems of Supersonic Turbojet Propulsion will be started by Mr. (James Connors or Leonard Obery)

Note: 10 x 10 Tour: A special guide from the 10 x 10 Tunnel will assist the group leader to follow the proper route from the observation roon and will introduce the proper speakers at each intermediate stop.

M & S Building Room 4: You are now seated in the heavy materials preparation room of the Materials and Stresses Building where Mr. (Philip Clarkin or Bob Schafer or Howard Calvert) will begin the discussion of our research on High Temperature Materials.

8 x 6 Observation Room: We are in the observation room of our recently modified 8 x 6 foot Supersonic Tunnel. At this time we would like to present a movie that will highlight certain phases of our research. (No individual to be introduced)

Rocket Operations Building: You are now seated in the Control Room of the newly completed Rocket Operations Building. Here the firing of the rockets in our new large test facility is remotely controlled and the data recorded. We have selected this location today for a discussion of the problems of Aircraft Nuclear Propulsion. Mr. (Frank Rom or Bernard Lubarsky) will be the first speaker.

October 4, 1957

WHH.jyg

NACA - Lewis

Cleveland, Ohio
September 23, 1957

MEMORANDUM For Those Concerned

Subject: Second Official Rehearsal of Inspection Presentations

1. Second official rehearsals will take place on September 25, 1957 as follows:

10:45 a.m.	Propulsion Research for Hypersonic Flight	- PSL Shop, 2nd floor
11:30 a.m.	Supersonic Turbojet Propulsion	- 10 x 10 Supersonic Tunnel Obs. Room
1:00 p.m.	Aircraft Noise Reduction	- Hangar, East End
1:45 p.m.	High Temperature Materials	- M & S Bldg, Room 4
2:30 p.m.	High Energy Rocket Propellants	- Rocket Test Stand, South 40
3:15 p.m.	Aircraft Nuclear Propulsion	- Rocket Operations Bldg. Control Room
4:00 p.m.	High Energy Aircraft Fuels	- HEFL No. 2, Test Cell

2. It is expected that Dr. John F. Victory and Mr. A. M. Rothrock from Headquarters will attend this rehearsal. Every effort is to be made to insure that demonstration material and the presentations are as close to final form as possible.

3. All those responsible for presentation scripts are requested to attend the first rehearsal of the other talks to effect the best possible correlation of the subject matter for the entire inspection.

4. All speakers are invited to attend all presentations.

5. All noise by contractors, NACA employees, as well as telephone and code calls will be stopped during the presentations.

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

WHH.jyg

cc: All Research Division Chiefs
All Concerned

NACA - Lewis

Cleveland, Ohio
September 13, 1957

MEMORANDUM For Those Concerned.

Subject: First Rehearsal of Inspection Presentations.

1. First Rehearsals will take place as follows:

1:30 p.m.	9/17	High Temperature Materials at Rm. 4, M & S Bldg.
2:30 p.m.	9/17	Aircraft Nuclear Propulsion at Cyclotron Beam Room M & S Bldg.
3:30 p.m.	9/17	High-Energy Rocket Propellants at Test Stand, South 40
11:00 a.m.	9/18	Supersonic Turbojet Propulsion - 10 x 10 Obs. Room.
1:30 p.m.	9/18	High-Energy Aircraft Fuels at HEFL # 2, Test Cell
2:30 p.m.	9/18	Propulsion Research for Hypersonic Flight at Second Floor, PSL Shop
3:30 p.m.	9/18	Aircraft Noise Reduction at SE Corner, Flight Hangar

2. All speakers, alternates, operators, demonstration assistants and those in charge of preparations are requested to be present during their own rehearsal to gain maximum advantage from comments and suggestions made during the rehearsal.

3. All those responsible for presentation scripts are requested to attend the first rehearsal of the other talks to effect the best possible correlation of the subject matter for the entire inspection.

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

WHH:img

cc:

All Research Division Chiefs	J. H. Hall	O. W. Schey	A. F. Reader
Abe Silverstein	S. V. Kramer	N. P. Miller	J. C. Everett
E. J. Manganiello	F. J. Kuchta	G. Mahnke	J. H. Weeks
C. A. Herrmann	R. K. Manning	C. E. Talcott	R. Schulke
J. J. Modarelli	F. Kish	J. N. Vivien	R. D. Hoag
M. H. Portz	L. D. Slack	H. L. Hoover	W. Egan
J. M. Auerbach	B. A. Pinnow	M. E. Lipes	W. F. Lang
E. E. Meilander	R. Kravanya	All participants	

NACA - Lewis

Cleveland, Ohio
September 10, 1957

MEMORANDUM For Those Concerned.

Subject: Pre-Rehearsal Review of Inspection Subjects.

Place: E. J. Manganiello's office, Room 104, Adm. Bldg.

9/11/57

11:00 a.m. High-Energy Aircraft Fuels - H. C. Barnett, J. F. Morris, H. Allen

9/12/57

9:00 a.m. High-Energy Rocket Propellants - Robert Graham, H. Schmidt

10:00 a.m. High-Temperature Materials - George Deutsch, F. Garrett

11:00 a.m. Aircraft Nuclear Propulsion - LeRoy Humble, P. Dugan

1:30 p.m. High Mach Number Turbojet - D. D. Wyatt

2:30 p.m. Propulsion Research for Hypersonic Flight - W. Fleming, M. J. Saari, C. Wentworth, M. Krasnican

3:30 p.m. Aircraft Jet Noise - N. D. Sanders

4:30 p.m. Research Newsreel - W. H. Hunter, G. M. Preston

Willson H. Hunter

cc: E. J. Manganiello
J. H. Hall
A. Silverstein (2)
R. Schulke
W. H. Hunter

NACA - Lewis

Cleveland, Ohio
September 10, 1957

MEMORANDUM For Those Concerned.

Subject: Presentation participants during 1957 Lewis Inspection, October 7 - 11, 1957.

The following persons are designated as presentation participants for the duration of the Official Inspection and Employees' Day:

1. High-Energy Aircraft Fuels - at High Energy Fuels Lab. No. 2, Cell 1.

Introduction & Conclusions:	Paul C. Setze or James F. Morris
Body of Text:	Eugene E. Dangle or Leonard K. Tower
Demonstration Assistants:	Harrison Allen or Robert E. Jones
Script by: James F. Morris	Preparations by: Harrison Allen

2. High-Energy Rocket Propellants - at High Energy Propellants Research Facility.

Introduction:	John W. Gibb or Donald C. Guentert
Body of Text:	Adelbert O. Tischler or Harvey E. Neumann
Facility Description & tour:	Edward R. Rothenberg or Frank J. Kutina
Demonstration Operator:	Harold W. Schmidt or David A. Bittker
Demonstration Assistant:	Richard DeWitt
Script by: Robert W. Graham;	Preparations by: Harold W. Schmidt

3. Aircraft Noise Reduction - at Flight Hangar.

Talk by:	Newell D. Sanders, Edmund E. Callaghan, or Warren J. North.
Script by:	Newell D. Sanders
Preparations by:	E. E. Callaghan and W. J. North

4. Propulsion Research for Hypersonic Flight - at Propulsion Systems Lab. Shop Bldg., 2nd Floor.

Part I:	Martin J. Saari or Harold E. Bloomer
Part II:	Carl B. Wentworth or Lionel L. Baldwin
Part III:	Milan J. Krasnican or Charles E. Shepard
Script by:	M. J. Krasnican, W. A. Fleming, M. J. Saari and C. B. Wentworth
Preparations by:	W. A. Fleming and M. J. Saari

5. High-Temperature Materials - at Materials & Stresses Bldg., Room 4.

Talks by: Patrick T. Chiarito, Phillip A. Clarkin, Marvin H. Hirschberg, Robert J. Schafer, and C. A. Stearns
Script by: S. S. Manson, G. Mervin Ault, George C. Deutsch
Preparations by: Floyd B. Garrett

6. Aircraft Nuclear Propulsion - at Materials & Stresses Bldg., Cyclotron.

Part I: Warren H. Lowdermilk, Paul G. Johnson, A. Lietzke
Part II: J. W. Blue, Michael Hacskaylo, R. L. McCollum
Demonstration Assistants: Sam Barile, C. C. Giamati, M. Hacskaylo
Cyclotron Tour: Jack Aron
Script by: F. E. Rom, P. G. Johnson, J. W. Blue, W. H. Lowdermilk
Preparations by: Paul D. Dugan

7. Research Newsreel - at 8- x 6-ft. Supersonic Tunnel - Observation Room.

Photography by: Arthur L. Laufman and Richard E. Loomis
Narration by: Professional talent
Directed by: Willson H. Hunter; Production by: G. Merritt Preston
Script by: Roger W. Luidens, Edmond E. Bisson, Robert O. Hickel, Floyd B. Garrett, Murray Dryer, Elmer H. Buller, L. Eugene Baughman, and John A. Campbell.

8. High Mach Number Turbojet - at 10- x 10-ft. Supersonic Tunnel Obs. Room.

Part I: James F. Connors or Leonard J. Obery
Part II: Leonard E. Stitt or David N. Bowditch
Script by: DeMarquis D. Wyatt; Preparations by: Roger W. Weining

9. Lewis 10- x 10-ft. Supersonic Tunnel - at 10 x 10 Control Room, Damper Room, Shop, Test Section, Flex. Wall, Room 200.

Tunnel: J. Calvin Lovell, Duane A. Rohde, Samuel M. Perrone, and Norman T. Musial.
Room 200: Robert Miller and Joseph H. Rawlings
Script by: J. Calvin Lovell; Preparations by: Frank VanHoff

Willson H Hunter
Willson H. Hunter
Assistant to the Director

WHH:img

cc: All persons named
M. H. Portz
J. J. Modarelli
J. H. Hall
Research Division Chiefs
E. J. Manganiello
R. G. Schulke
A. Fabio
A. Silverstein
M. L. Gosney
J. E. Bullock
Files

NACA - Lewis

Cleveland, Ohio
July 11, 1957

MEMORANDUM For Those Concerned

Subject: 1957 Triennial Inspection of Lewis Laboratory, October 7-11 - Schedule of Preparations, Rehearsals, and Presentations

It is requested that you cooperate in adhering to the following schedule:

July
15 - Complete selection of sites for presentation and refreshment stops
15 - Submit outlines of all presentations for approval
19 - Complete seating arrangement and stage plan views for approval
22 - Send Lewis invitation list to Headquarters Office
26 - Complete stage and backdrop designs
29 - Obtain approval for all presentations
31 - Send Detail Sketches of stages and backdrops to Shop for fabrication

August
5 - Submit sketches of Static Displays for approval
9 - Start art work and assembly of Static Displays
15 - Submit rough drafts of all talks, charts, and slides
19 - Start preparation of charts and slides
23 - Determine projection requirement for all stops
30 - Complete art work on Static Displays

September
9 - Announce designation of all speakers and supporting personnel
9 - Place contract for buses to be used October 7 through 10
10 - Complete inventory and allocation of chairs needed for all sites
10 - Complete allocation and overhaul of public address system for all sites
10 - Complete allocation and overhaul of necessary projection equipment
10 - Complete cleanup and painting of all stop areas
11 - Select final menu to be used October 7 through 10
12 - Complete delivery of all stages and backdrops to sites
13 - Submit requests to Report Illustrations for all special signs, guidons, etc.
16 - Complete delivery of screens, slide and movie projectors to all sites
16 - Submit approved list of press pack photos and legends to Photo Lab.
16 - Submit approved copy for all tickets, programs, schedules to Print Shop
17 - Complete special lighting effects at presentation sites
17 - Complete installation and tryout of all public address systems
18 - First official rehearsal of first half of Inspection stops
19 - First official rehearsal of second half of Inspection stops
20 - Submit dummy copies of both Inspection brochures for approval
20 - Complete survey of all hazard or security areas to be off-limits October 13
23 - Inspect Laboratory grounds for final condition
23 - Issue general announcement of plans and rules for Family Open House, Oct 13

- more -

September (cont.)

25 - Second official rehearsal - First half; All speakers to attend
26 - Second official rehearsal - Second half; All speakers to attend
26 - Complete safety check of all presentations and areas to be visited Oct. 7-11
27 - Issue general announcement of plans and rules for Employee's Day, Oct. 11
27 - Submit all press release copy and brochure copy for final approval
27 - Complete arrangements for handling visiting aircraft and air crews
27 - Complete cleanup and reconditioning of Auditorium and Foyer

October

1 - Complete layout of Cafeteria to accommodate Inspection visitors
1 - Submit approved press release and brochure copy to Print Shop
1 - Complete delivery of chairs and refreshment stands to all sites
1 - Hold preliminary instruction meetings for all groups of supporting personnel
2 - Issue final schedules and routes to all concerned for October 7-10
2 - Complete installation of Static Displays at all refreshment sites
2 - Complete special lighting effects for Static Displays
3 - Issue Inspection badges to all NACA personnel concerned
3 - Dress rehearsal on-schedule; All tour guides, attaches, speakers to attend
3 - Complete badges and duplicate lists for all approved visitors
3 - Announce revised Lunch Schedules for Employees for October 7-11
4 - Complete all art work for Inspection stops
4 - Complete special setup of Cafeteria for period October 7-10
4 - Complete special setup of Administration Building for October 7-10
4 - Complete setup of special Press Room and wire service facilities
4 - Assemble complete press kits and photo display board in Press Room
4 - Deliver tickets, programs, brochures to Administration Building
4 - Complete preparations at Picnic Grounds and alternate site
4 - Make final inspection of all areas to be visited
7-10 - Official Inspection days
9 - Inspect Laboratory preparations for Family Open House Day, October 13.
11 - Employee's Inspection Day
13 - Family Open House Day.

Willson H Hunter

Willson H. Hunter
Assistant to the Director

WHH:mch

NACA - Lewis

Cleveland, Ohio
June 25, 1957

MEMORANDUM For Those Concerned

Subject: Personnel Assignments for Preparations for 1957 Triennial Inspection at Lewis, Oct. 7-11, 1957

1. Aircraft Jet Noise Reduction:

   Continuity (N.D. Sanders)* 4275 124 IRB
   Production (W.J. North) 2286 126 IRB
   (E. E. Callaghan) 3287 129 IRB
   Location: S.E. Corner Hangar and Apron

2. Research Newsreel:

   Continuity (W.H. Hunter)* 2201 203 Ad.
   Production (to be designated)
   Location: Room 200, 10x10 O.B.

3. High Energy Fuels:

   Continuity (J.F. Morris) 5198 125 10x10
   Production (H. Allen) 2254 212 F&L
   Location: HEFL #2, Control Room

4. High Energy Propellants for Rockets:

   Continuity (R.W. Graham) 3194 112 ROB
   Production (H.G. Price, Jr.) 5206 105 ROB
   Location: ROB Control Room and Test Stand

5. Hypersonic Propulsion Research:

   Continuity (W.A. Fleming) 4162 W213A
   For Prop. Syst. (W.A. Fleming) 4162 W213A *
   For Prop. Chem. (R. Breitwieser) 2270 230 F&L *
   For Prop. Aero. (W.J. Krasnican) 4234 211 8x6 *
   Production (To be selected)
   Location: PSL Shop Addition, 2nd Floor

6. High Temperature Materials:

   Continuity (S.S. Manson)* 4297 134 M&S
   Production (F. Garrett) 4205 214 M&S
   Location: M&S Bldg, Stress Lab. (NE Corner)

7. Nuclear Propulsion:

Continuity (F.E. Rom) 2227 231 M&S
(J.W. Blue) 5270 107 M&S
Production (P.D. Dugan) 2105 231 M&S
Location: M&S Bldg, Cyclotron and Beam Rooms

8. High Mach No. Engines

Continuity (D.D. Wyatt) * 4212 114 8x6
Production(R.F. Weining) 6166 124 10x10
Location: 10x10 Obs. Room

9. 10x10 Supersonic Wind Tunnel:

Continuity (J.C. Lovell) 6103 105 10x10
Production (R.F. Weining) 6166 124 10x10
Location: 10x10 Control Room, Dampr Room
Test Section, 24-ft. Valve, secondary
Drive and Cooler, Shop, and Room 200

NOTE: * Persons so designated are responsible for initial planning.

This program is tentative, as of this date, and subject to change. Duration of each stop will be 25 minutes, if this program is adopted.

Willson H Hunter
Willson H. Hunter
Assistant to the Director

cc: (All personnel named herein)
Research Division Chiefs (2)
Director and Assoc. Director
E.J. Manganiello
J. H. Hall
J. H. Collins
J. S. Brown
M.J. Vaccaro
E.C. Braig, Jr.
V. Gordon
O.W. Schey
C. A. Herrmann
S. V. Kramer
J. C. Everett
P.N. Miller
B.G. Gulick
L.D. Slack
J.J. Modarelli
R.G. Schulke
F. Kish
M.H. Portz
Files
W. H. Hunter