NASA - LEWIS RESEARCH CENTER
INSPECTION - October 4-7, 1966

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# 1966 INSPECTION OF LEWIS RESEARCH CENTER Cleveland, Ohio October 4, 5, 6, and 7

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# 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

I take great pleasure in inviting you personally to join other leaders in the fields of government, industry, business, labor, and higher education in attending the 1966 Inspection of the Lewis Research Center which will open on October 4 and be repeated October 5, 6, and 7. We have planned this occasion specifically so that you might examine some of our latest facilities and learn the scope and nature of our current advanced research and development in support of NASA's missions.

This marks the 25th year since ground was broken at Cleveland to build what has become this nation's major Center for advanced research in aeronautical and space propulsion and in the generation of electrical power in space.

The practice of periodic reports to our national leadership, through such Inspections, was started here shortly after World War II and was continued until our last one in 1957. We became part of the newly-created National Aeronautics and Space Administration on October 1, 1958 and have since significantly increased our staff, our size, and our research facilities.

We do our utmost to insure that our Inspection presentations are understandable and interesting to all segments of our community, and believe that you will find your visit instructive and rewarding.

The attached material will help you plan your attendance. I request that you use the enclosed form to facilitate both your reply and our subsequent acknowledgment. We look forward to your favorable response.

Mr Silvers Time

Abe Silverstein

Director

Enclosures RSVP

# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

LEWIS RESEARCH CENTER 21000 BROOKPARK ROAD CLEVELAND, OHIO 44135

OFFICIAL BUSINESS

POSTAGE AND FEES PAID

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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

## INSTRUCTIONS FOR TRANSIENT CREWS AT LEWIS RESEARCH CENTER

### ARRIVAL and DEPARTURE

- The NASA Lewis ramp is available to civil and government aircraft on official business only or to government aircraft for emergency maintenance. Prior notice is requested in all cases as listed in Airmen's Information Manual and USAF/USN Enroute Supplement.
- Arriving flight crews must check-in with Flight Operations Office, Room 203, Flight Research Building (Hangar) during normal duty hours. After hours, the NASA Security Patrol at the Plant Protection Building will handle aircraft arrivals. Flight Maintenance Section will direct parking of all visiting aircraft.
- 3. An Air Force AFSC Liaison Office is located in Room 107 of the Flight Research Building.
- Flight planning facilities are available in the Flight Operations Office. Manifests and copies of flight plans may be deposited in this Office.

### **TELEPHONES**

This Center has two telephone systems, an automatic system for inside NASA only (PAX) and a Bell Telephone Co. exchange (PBX) for both inside and outside calls. On the Bell system, dial 9 to reach an outside line. The Center is also serviced by the Federal Telecommunications System for long distance calls. The secretary will assist you.

Center Calls	PAX	PBX	Outside Calls (Dial 9 for outside line)	
Cafeteria	2289		Aircraft Services, Inc.	267-3550
Escort Service	7113		Aviation Weather	267-0149
Flight Maintenance	2155	448	Beckett Aviation	267-3711
Flight Operations	4278	449	FAA Flight Plans & Weather	267-3700
Pilots Office	8148	6139	FAA Tower	267-2190
Plant Protection (Fire Station)	2149 or 4149	257	Hopkins Airport Operations	267-1125
USAF Liaison	2150	452	NASA	433-4000
			Sundorph Aeronautical	267-3450
			Taxi Service: Westlake Cab Yellow Cab	331-5000 623-1500
			USAF	267-2911
			U.S. Weather Bureau	267-3900

## STAY at NASA

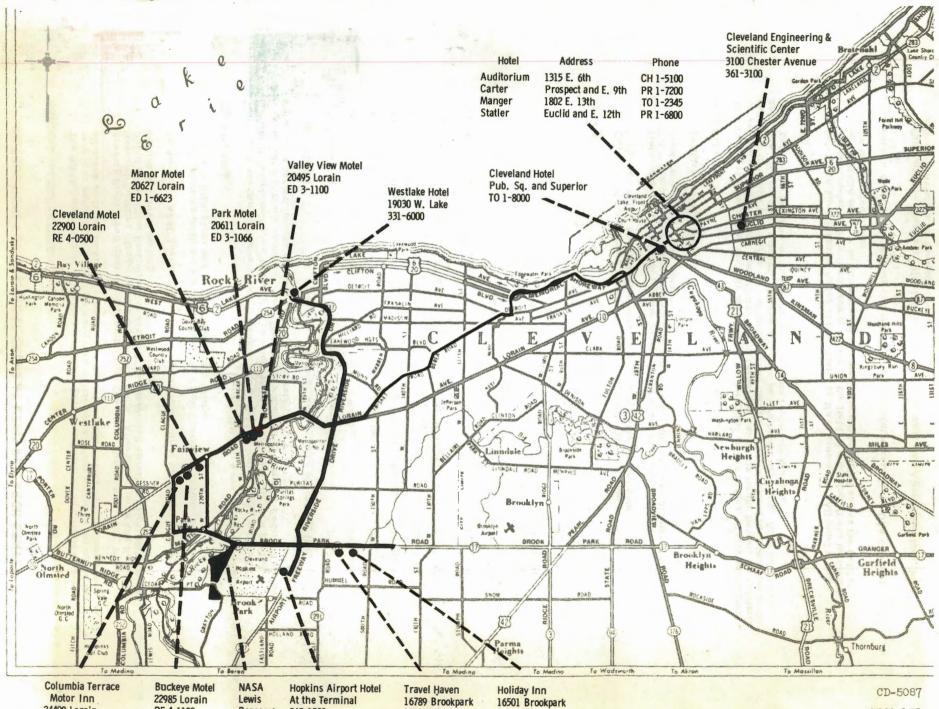
- Quarters: No government quarters or messing facilities are available in Cleveland. Suggested motels and telephone numbers are shown on the reverse side.
- Transportation: NASA will provide transportation to and from nearby motels or to the Rapid Transit Terminal for Downtown Cleveland hotels and business districts. Call Plant Protection for this service.
- 3. Taxi service is available.

## SECURITY

This Center is a controlled security area and all visitors must secure badges. Transient aircrew badges are issued by Flight Operations. These badges are valid only for the hangar, the cafeteria, and while in transit to and from the cafeteria. These badges are also honored for admission at the main gate. No escort is required. Please return the badges before departure. After duty hours these badges may be obtained and returned at the Plant Protection Building.

### REFUELING

- Only NASA aircraft can be fueled at this Center by NASA personnel. All other aircraft
  can be refueled only by fixed base operators on the field. Large aircraft can be fueled
  on the NASA ramp. It is recommended that small aircraft be fueled across the field at
  the fuel service centers.
- Beckett Aviation has military contract for all government aircraft under DSA Contract 6-6152.
- Civilian or non-contract (DD 1150) purchase made be made from Aircraft Services, Inc., Beckett Aviation, or Sundorph Aeronautical.



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1966 INSPECTION OF LEWIS RESEARCH CENTER Cleveland, Ohio October 4, 5, 6 & 7

# RED GROUP



1966 INSPECTION OF LEWIS RESEARCH CENTER Cleveland, Ohio October 4, 5, 6 & 7

# PURPLE GROUP

### BLUE GROUP



1966 INSPECTION OF LEWIS RESEARCH CENTER Cleveland, Ohio October 4, 5, 6 & 7

# Please Display this Badge at the Inspection

# DAILY PROGRAM — BLUE GROUP

- 9:00 WELCOMING REMARKS by the Director and NASA Administrator
- 9:15 OPENING ADDRESS: Lewis Role in Support of NASA's Missions
- 9:30 ILLUSTRATED REPORT: Plum Brook and Nuclear Rocket Dev. Stations
- 10:05 START INSPECTION TOUR. Board bus marked with your badge color.
- 10:15 ADVANCED CHEMICAL ROCKETS Propulsion Systems Lab.
- 10:45 SPACE POWER, STATIONARY SYSTEMS Solar Collector Lab.
- 11:15 SPACE POWER, ROTATING SYSTEMS Engine Research Bldg.
- 11:40 COFFEE BREAK and Special Exhibits Engine Research Bldg.
- 12:00 BASIC RESEARCH Energy Conversion Lab.
- 12:30 ELECTRIC PROPULSION Electric Propulsion Lab.
- 1:00 LUNCHEON DEB Cafeteria
- 1:50 RESUME TOUR. Board bus marked with your badge color.
- 2:00 JET ENGINE NOISE Flight Research Hangar
- 2:30 MATERIALS RESEARCH Materials Processing Lab.
- 2:55 COFFEE BREAK and Special Exhibits 10x10 Supersonic Tunnel
- 3:15 AIR BREATHING ENGINES 10x10 Supersonic Tunnel
- 3:45 SPACE VEHICLES Zero-Gravity Facility
- 4:15 SOCIAL at Lewis Picnic Grounds (or DEB Cafeteria in bad weather)
- 4:30 Buses and Special Cars start leaving for DEB, visitor parking, airport, and motels.

# WHITE GROUP



1066 INSPECTION OF



1966 INSPECTION OF

GREEN GROUP



1966 INSPECTION OF LEWIS RESEARCH CENTER



1966 INSPECTION OF LEWIS RESEARCH CENTER Cleveland, Ohio October 4, 5, 6 & 7

# Please Display this Badge at the Inspection

# DAILY PROGRAM - SILVER GROUP

- 9:00 WELCOMING REMARKS by the Director and NASA Administrator
- 9:15 OPENING ADDRESS: Lewis Role in Support of NASA's Missions
- 9:30 ILLUSTRATED REPORT: Plum Brook and Nuclear Rocket Dev. Stations
- 10:05 START INSPECTION TOUR. Board bus marked with your badge color.
- 10:15 MATERIALS RESEARCH Materials Processing Lab.
- 10:45 AIR BREATHING ENGINES 10x10 Supersonic Tunnel
- 11:15 SPACE VEHICLES Zero-Gravity Facility
- 11:40 COFFEE BREAK and Special Exhibits Propulsion Systems Lab.
- 12:00 ADVANCED CHEMICAL ROCKETS Propulsion Systems Lab.
- 12:30 JET ENGINE NOISE Flight Research Hangar
- 1:00 LUNCHEON DEB Cafeteria
- 1:50 RESUME TOUR. Board bus marked with your badge color.
- 2:00 SPACE POWER, STATIONARY SYSTEMS Solar Collector Lab.
- 2:30 SPACE POWER, ROTATING SYSTEMS Engine Research Bldg.
- 2:55 COFFEE BREAK and Special Exhibits Engine Research Bldg.
- 3:15 BASIC RESEARCH Energy Conversion Lab.
- 3:45 ELECTRIC PROPULSION Electric Propulsion Lab.
- 4:15 SOCIAL at Lewis Picnic Grounds (or DEB Cafeteria in bad weather)

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4:30 Buses and Special Cars start leaving for DEB, visitor parking, airport, and motels.