

REGISTRATION

## REGISTRATION FUNCTIONS

### General:

The purpose of the following functions was to insure that our guests were courteously and, most importantly, expeditiously, processed through the registration procedures and directed into the auditorium.

### Lobby Greeters:

Number: Six; male and female

Duties: To greet guests when they entered the DEB Lobby and

- a. Route them to the "special" (i.e., baggage check, rest) rooms.
- b. To direct them downstairs into the registration area.

Position: At front doors and throughout lobby.

### Cafeteria Greeters:

Number: Four; male and female (only two/three at one time)

Duties: To see that guests walking down the stairs were greeted and directed to the appropriate registration desks (alphabetical- according to their last names).

Position: At base of DEB Cafeteria stairway.

### Auditorium Greeters:

Number: Four, male and female

Duties: To screen guests walking into the auditorium to insure that noone who had not registered would slip through the control/registration process. If an individual could not produce a badge, greeters directed them to registration area, explaining the purpose of the registration procedure.

### Sergeant-At-Arms:

Number: Two, male

Duties: To act as final approval authority on reduced rates. To resolve any registration problems.

Position: Floating

REGISTRATION FUNCTIONS (CON'T)Registration Personnel:

Number: Eight, female

Duties: To register guests. Details were:

- a. Ask guest's name
- b. Locate guest's badge filed alphabetically in registration box
- c. Refer guest to the cashier seated next to her
- d. Mark off name on visitor control sheet

The registration girls were told that any out-of-the-ordinary requests or problems must be referred to the trouble desks.

Position: Along both back walls of the Cafeteria. Two sets of four tables each arranged in a row on either side of the stairway.

Cashiers:

Number: Ten, female - One with each registration girl and one at each of the two trouble desks

Duties: To accept registration fee. Details:

- a. Request \$5 for the registration in cash or check
- b. Issue a receipt

Position: (Same as above)

Trouble Tables:

Number: Two, female

Duties: To handle all inordinate registration problems.

- a. To make any name changes resulting from last minute changes - i.e., representatives, etc.
- b. To change color groups for specified individuals.
- c. To make additions to the attendance list.
- d. To answer any questions.

Position: At end of each row of registration tables.

## SPECIAL ROOMS

### Message Center:

Number: Three, female

#### Duties:

- a. To take incoming calls and to notify appropriate tour leader of the message and the guest involved.
- b. To post message on "message board" in DEB Lobby.

### Baggage Check:

Number: One, male (Guard)

#### Duties:

- a. To accept luggage from guest.
- b. To tag luggage and give guest stub.
- c. To match tag stub and return luggage to guest at end of day.

NASA  
C-73-1521

# DEVELOPMENT ENGINEERING BUILDING & ANNEX



9-28-73

INVITATIONS/REGISTRATION

Registration

Marianne Cmok  
Edie Donahue  
Millie Hutchison  
Sandy Kocsis  
Kay Lehlbach  
Jean Oberlin  
Elaine Quayle  
June Reynolds  
Jean Schneider  
Betty Sherwin  
Eileen Staab  
Ann Tisdial

Cashiers

Rose Andrew  
Marge Barbaglia  
Jean Biby  
Jean Chapman  
Peg Heintz  
Darlene Hemmerich  
Flo Hite  
Colleen Holt  
Mary Jonic  
Gloria Leiner  
Mary Jane Winter

Lobby Greeters

Jack Colgrove  
Clarence Forbes  
Ellen Nachman  
Dan Prok  
Elaine Sarkan  
John Sikora

Message Center

Helen Dobias (Wed. & Thurs.)  
Rose Hudac (Lunch Relief)  
Holly Solomon (Fri.)

Auditorium Greeters

Annie Easley  
Merri Fahnenbruck  
Chris Foutty  
Louis Light  
George Novak

Cafeteria Greeters

Rose Hudac  
Mary Ruth Osgood  
Betty Soppitt  
Gil Widra

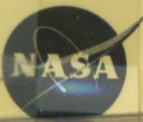






# TECHNOLOGY

IN THE SERVICE  
OF MAN



# TECHNOLOGY

IN THE SERVICE  
OF MAN



# TECHNOLOGY

IN THE SERVICE  
OF MAN



# TECHNOLOGY

IN THE SERVICE  
OF MAN



**JAMES P. CELEBREZZE**

**Ohio House of Representatives**

LEWIS RESEARCH CENTER  
Cleveland, Ohio  
September 19, 20 & 21, 1973

## DAILY SCHEDULE - SILVER GROUP

- 9:00 WELCOMING REMARKS by the Lewis Director
- 9:10 OPENING ADDRESS by the NASA Administrator
- 9:25 START TOUR. Board bus marked with your badge color.
- 9:40 QUIETING THE FLEET - 10x10 ft. Supersonic Wind Tunnel
- 10:15 SPACE ELECTRONICS TECHNOLOGY - Electric Propulsion Lab.
- 10:40 COFFEE BREAK - Electric Propulsion Lab.
- 11:05 POWERED LIFT - 9x15 ft. Supersonic Wind Tunnel
- 11:40 THE IMPACT OF WEAR - Engine Research Bldg. (West Wing)
- 12:15 CLEAN ENERGY FOR A BETTER LIFE - Eng. Res. Bldg. (Center)
- 12:50 LUNCHEON - DEB Cafeteria
- 1:40 RESUME TOUR. Board bus marked with your badge color.
- 1:55 SERVANTS IN SPACE - Administration Bldg. Auditorium
- 2:30 BIG BOOST FROM ROCKETS - Zero Gravity Facility
- 3:05 COFFEE BREAK - Propulsion Systems Lab. 3 & 4
- 3:20 CLEANER SKIES - Propulsion Systems Lab. 3 & 4
- 3:55 MATERIALS FOR MAN - Materials Processing Lab.
- 4:30 SOCIAL at Hangar (Special Exhibits)
- 5:00 Buses start leaving for DEB, visitor parking, airport and motels.

# TECHNOLOGY

IN THE SERVICE



# TECHNOLOGY

IN THE SERVICE  
OF MAN



# TECHNOLOGY

IN THE SERVICE  
OF MAN



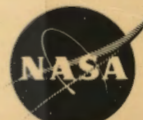
# TECHNOLOGY

IN THE SERVICE  
OF MAN



# TECHNOLOGY

IN THE SERVICE  
OF MAN



DAILY SCHEDULE - PINK GROUP

LEWIS RESEARCH CENTER  
Cleveland, Ohio  
September 19, 20 & 21, 1973

## DAILY SCHEDULE - BUFF GROUP

- 9:00 WELCOMING REMARKS by the Lewis Director
- 9:10 OPENING ADDRESS by the NASA Administrator
- 9:25 START TOUR. Board bus marked with your badge color.
- 9:40 CLEANER SKIES - Propulsion Systems Lab. 3 & 4
- 10:15 MATERIALS FOR MAN - Materials Processing Lab.
- 10:50 COFFEE BREAK - 10x10 ft. Supersonic Wind Tunnel
- 11:05 QUIETING THE FLEET - 10x10 ft. Supersonic Wind Tunnel
- 11:40 SPACE ELECTRONICS TECHNOLOGY - Electric Propulsion Lab.
- 12:15 POWERED LIFT - 9x15 ft. Supersonic Wind Tunnel
- 12:50 LUNCHEON - DEB Cafeteria
- 1:40 RESUME TOUR. Board bus marked with your badge color.
- 1:55 THE IMPACT OF WEAR - Engine Research Bldg. (West Wing)
- 2:30 CLEAN ENERGY FOR A BETTER LIFE - Eng. Res. Bldg. (Center)
- 3:05 COFFEE BREAK - Administration Bldg.
- 3:20 SERVANTS IN SPACE - Administration Bldg. Auditorium
- 3:55 BIG BOOST FROM ROCKETS - Zero Gravity Facility
- 4:30 SOCIAL at Hangar (Special Exhibits)
- 5:00 Buses start leaving for DEB, visitor parking, airport and motels

## GENERAL INFORMATION

Registration Fee. The registration fee covers cost of all food and beverages.

Personal Messages. Please have incoming personal messages directed to the Message Center, Area Code 216, 433-4000 Ext. 6869, located in the Development Engineering Building (DEB). Messages will be delivered to you.

Telephones. Pay telephones are located in the corridor next to the DEB Cafeteria. Other telephones are available throughout the tour for emergency use. Ask your Group Leader for assistance in locating them.

Baggage. Personal baggage may be left safely in Room 1109 next to the DEB Auditorium Foyer. Weather permitting, we urge you to leave your coats there during the Program - you will never be more than a few feet from a bus or building. Buses will return you to DEB to recover your personal possessions before you leave Lewis Research Center.

Personal Cameras. Cameras are permitted at the Center.

Local Transportation. Chartered buses will be used in your tour of Lewis and to take you to the Airport or motels after the Program. NASA cars are available for special local service on request. Make advance arrangements at the Courtesy Desk or notify your Group Leader if you will need special transportation.

Travel and Hotel Reservations. Reservations may be made or confirmed for you at the Travel Office, Room 1204-06, near the DEB Auditorium, or you may call Lewis phones 8068 or 6248.

Attendance Register. The Message Center in DEB, Room 1204-06, will maintain a record of the color group assignments of guests planning to attend on your day in case you need to locate other guests or to be located.

Contacting Lewis Employees. Appropriate arrangements should be made through the Receptionist in the DEB Lobby if you wish to make contact with Lewis Employees during Registration, Luncheon, or the Social.

News Room. News media representatives are invited to use the News Room facilities and to contact Lewis Public Information Officers in DEB, Room 1204-06. The telephones are 433-4000 Ext. 6982 or 762.

Dispensary Service. Full dispensary facilities are available in the Engine Research Building, Lewis phone 4123. Your Group Leader will help you reach these services.

Lost and Found. Personal items left behind at Tour Stops, buses, cars, or cloakrooms will be delivered to the Baggage Room, DEB, Room 1109.

REGISTRATION LISTS

DIVIDED ALPHABETICALLY: A - C M  
D - F N - R  
G - H S  
I - L T - Z

Two Trouble Desks - For Late Arrivals and Walk-Ins

NASA LEWIS RESEARCH CENTER

TECHNOLOGY IN THE SERVICE OF MAN

September 19, 20, 21, 1973

RECEIVED OF \_\_\_\_\_

Five and no/100 ----- DOLLARS

FOR Registration Fee

\_\_\_\_\_  
NASA EXCHANGE

BY \_\_\_\_\_

# TRAVEL ITINERARY

FOR Walter, T. Olson TAC-11061

(Reconfirm return reservation at least 6 hours before departure time.)

DATE	TIME (Local each point)	
WED 9/11	LV. Cleveland	6:00 am
	AR. Langley VIA N.A.S.A. PLANE	
	LV. Langley	4:00 pm
	AR. Cleveland VIA N.A.S.A. PLANE	
(9)	<p><u>Danford; Buckley</u> <span style="float: right;">Spin models</span></p> <p>Marshall: piece of paper roof <span style="float: right;">Sulu min cells</span></p> <p>LV. Kennedy</p> <p>AR. <u>St. Catalina</u> <span style="float: right;">" Radar</span></p> <p>VIA <u>Model of 1/2 beam system</u></p> <p><u>MIUS test facility</u></p>	
(10)	<p style="text-align: right;"><u>cool mounts</u></p> <p>LV. <u>Auto eCA</u></p> <p>AR. <u>Vortex element</u></p> <p>VIA 2. <u>fix wing</u></p> <p><u>fix flap a filler</u></p> <p><u>Comes</u></p> <p>LV. <u>Spin control</u></p> <p>AR. <u>Crash worthiness</u></p> <p>VIA</p>	
	<p>LV.</p> <p>AR.</p> <p>VIA</p>	

NATIONAL AERONAUTICS AND  
SPACE ADMINISTRATION  
LEWIS RESEARCH CENTER  
CLEVELAND, OHIO

(6)

NASA bids <sup>extra</sup> air cond

Darwell

(Demo. Laser Radar)

{ SO<sub>2</sub> ind. UV  
Laser radar back-scatter  
Sonic reflector - Tubbs  
Covalent interferometer CO<sub>2</sub>

Gas filter spectro radiometer  
(IR) SO<sub>2</sub> or CO

(Model: 1/2 Scale Vehicle)

flew { Gyroscopic Extender  
Multichannel gas filter - spectro  
Optical filter - spectrograph  
computer model of 6 layers over  
U.S. (or globe) showing spread +  
predictive capability

James Campbell

(7)

Superior wing in flutter +  
lighter + higher speed rates  
+ will reduce fuel cons. 10-15%  
Winglets on end of wing - 3-5%  
Adv. composites - 10-15%  
Propulsion - a little

B. add up to ~ 65% of now  
B<sub>2</sub> 1990; 3/2 '83 goal

Fox B<sub>2</sub> -  
ten - Porous surface + B.L. removal  
~ 45%

Way out - span distributed loading  
(Models of span distribution load  
aircraft)

(8)

Vilis (10th Scale Viki)  
+ full scale lander

(Lander camera)

{ Orbiter Science Package

Life { cameras  
bio and  
long and - geochronology  
Soil { X-ray spectrometer  
Weather



# TECHNOLOGY IN THE SERVICE OF MAN

DR. WALTER T. OLSON

DIRECTOR, TECHNOLOGY UTILIZATION AND PUBLIC AFFAIRS

NASA - LEWIS

BLUE GROUP

## GENERAL INFORMATION

Registration Fee. Covers cost of all food and beverages.

Baggage. Personal baggage may be left safely at the Hangar Annex. Buses will return you to the area to recover your personal possessions before you leave Langley Research Center.

Personal Cameras. Use of personal cameras is permitted at the Center.

Travel and Motel Reservations. Assistance will be provided at the special Travel Desk in the Hangar Annex and during the luncheon at the Activities Building.

Lost and Found. Inquiries regarding personal items left behind at stops, buses or cars should be directed to the Information Desk at the Activities Building (Ext. 3671) or later to Area Code 804-827-2932.

Contacting Langley Employees. Appropriate arrangements should be made through the Information Desk at the Hangar Annex if you wish to make contact with Langley employees during registration, luncheon, or the social.

News Room. News media representatives are invited to use the special News Room facilities and to contact Langley Public Information staff members in the press trailer near the Hangar Annex, telephone number 3184.

Local Transportation. Chartered buses will be used for the tour of Langley and to take you to the airport or local motels after the program is completed. NASA cars are available for special local service on request. Make advance arrangements at the Information Desk during the luncheon or notify your Group Leader if you will need transportation.

SCHEDULE INSIDE

① Ray Winkels auto control  
Helicopters & tip vortex impingement  
Bill Gilbert eyes tip  
var. geometry

NOTES  
[6 ft Kestrel Model Vector in Forward Flight  
[4 ft SS + left Propline left AC.  
upper MCD YC 14 Support  
under Bon 15 wing

② Mr. Padula Acoustic, cognate, treat  
(pretty naive on by pass rates)  
F. scutels. Facets. - o results

③ Carter Structure: Ti; Capite; Bor Sic  
(Model YF-12, ~ 5 ft ft)  
upper Bon  
(Models (3') Canard, Wing tip,  
V. var. Bypass  
(World's model)  
l H  
(4' model)

4 unit Hypersonic - vector 16  
3' D Hypersonic Res. Engine -  
tested at MT; 56+7

3 ft model of attached engine on model  
+ 3 ft model of 1.  
Model MC2+  
MC transport

④ calcs  
low speed  
Diff maneria Simulator  
Demo.

⑤ Gray  
Johnson - waves. Danotanks  
- WaveChase Patten  
Wave ray Patten (Model of Seasat)  
Drift way + satellite  
ALICE for Chlorophyll A / 4 waveband

## DAILY SCHEDULE – BLUE GROUP

- 8:00 a.m. Registration and Coffee – Hangar Annex
- 8:30 a.m. Introductory Activities – Hangar Annex
- 8:50 a.m. START OF TOUR. Board the bus marked with your badge color.
- 9:00 a.m. 1 LOW-SPEED AIRCRAFT – V/STOL Tunnel (Building 1212C)
- 9:30 a.m. 2 QUIETER AIRPORT COMMUNITIES – ANRL (Building 1208)
- 10:00 a.m. 3 TOWARD AIRCRAFT OF THE FUTURE – Unitary Wind Tunnel  
(Building 1251) *Wash, Jun*  
*Excellt, Rantz*
- 10:30 a.m. 4 COMPUTING AND SIMULATION – MAN'S SIXTH SENSE –  
Flight Control Research Laboratory (Building 1268A)
- 11:00 a.m. *H.H.* PROTECTING OUR MARINE ENVIRONMENT – Environmental &  
Space Sciences Laboratory (Building 1250)
- 11:30 a.m. L U N C H E O N – Activities Building (Building 1222)
- 12:20 p.m. Resume Tour. Board bus marked with blue color.
- 12:30 p.m. PRESERVING THE EARTH'S ATMOSPHERE – Stabilization &  
Control Laboratory (Building 1298) *Excellt; results clear*
- 1:00 p.m. ENERGY EFFICIENT FLIGHT – Visitor Center (Building 1202)  
*Some new ideas*
- 1:30 p.m. EXPLORING OUR PLANETARY ENVIRONMENT – Fatigue  
Laboratory (Building 1205) *Good - Paul hardware, problem*
- 2:00 p.m. ENERGY FOR SPACESHIP EARTH – Hangar (Building 1244)  
*Too much NASA process - unprepared*
- 2:30 p.m. TECHNOLOGY FOR SAFER AIRCRAFT – Hangar (Building 1244)  
*Excellt - results!*
- 3:00 p.m. SOCIAL PERIOD at Hangar Annex. Guests are encouraged to visit the  
special technology utilization exhibits from all NASA Centers on  
display.
- 3:30 p.m. Buses start leaving the Hangar Annex for Patrick Henry Airport and  
local motels.

*T.O.*  
*Kathy (?) Hiland*