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FIRST ANNUAL INSPECTION  
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS  
CLEVELAND LABORATORY

Invited for First Day, October 8, 1947 - Did not attend

Associations, Institutions, Societies

Aircraft Industries Ass'n of America, Inc.  
Washington, D. C.

Joseph T. Geuting, Jr.  
Bert Goss

Aircraft Owners and Pilots Ass'n  
Washington, D. C.

C. Town Ludington, Pres.  
J. B. Hartranft, Jr.

Air Transport Association of America  
Washington, D. C.

Dallas Allen  
M. B. Spaulding, Jr.

American Soc. of Mech. Engineers  
New York

Clarence Davies, Sec'y

The Economic Club of Detroit,  
Detroit, Mich.

Allen B. Crow, Pres.

National Aeronautic Association  
Washington, D. C.

Lowell H. Swenson, V. P.  
Walman A. Schrader

National Aviation Trades Association  
Washington, D. C.

Harry Meixell, Ex. Director  
E. M. Phelps  
L. Welch Pogue

Manufacturers Aircraft Assoc. Inc.  
New York 20, New York

James M. Clark  
John A. Sanborn, Gen. Mgr.

Society of Automotive Engineers, Inc.  
New York

John A. C. Warner, Secy, &  
Gen. Mgr.  
J. D. Redding

Educational Institutions, Research Contractors

Armour Research Foundation of Ill. Inst.  
of Tech.,

Dr. S. Siegal

Battelle Memorial Inst. for Industrial &  
Scientific Research,

H. R. Gpover  
L. R. Jackson

Cornell University,

Dr. W. Prager, Chairman  
Div. of Applied Mathematics

Educational Institutions (Continued)

California Institute of Technology,  
Pasadena, Calif.

Dr. Clark B. Millikan,  
Acting Dir.

University of Southern California

Capt. Allan Hancock  
Dr. Maurice Nelles  
Prof. H. Glenn Mercer

University of California,

L.M.K. Boelter, Dean  
Dr. J. E. Dorn

Case Institute of Technology

Dr. T. Keith Glennan, Pres.

Cornell University

Prof. A. R. Kantrowitz

Catholic University

Prof. Louis H. Crook

Georgia School of Technology

Prof. Alan Pope

Harvard University

Dr. Ross. A. McFarland  
Dr. Fred L. Whipple

John Hopkins University, Applied Physic Lab.

Dr. L. R. Hafstad  
Prof. Guy D. Bryan, Jr.

University of Illinois

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~~Prof. W. H. Findley~~  
Dr. H. M. Newark  
F. R. Steinbacher

Iowa State College

Prof. Carl H. Sanford

University of Iowa

Prof. E.P.T. Tyndall

Jones School of Aeronautics

C. S. Jones

~~University of Maryland~~

(Attended 10/9/47)  
"

~~Charles A. Shreeve, Jr.~~  
~~Prof. A. W. Sherwood~~

University of Michigan

A. M. Keuthe

University of Minnesota

Frank L. Fuller, Supt.  
Prof. John D. Akerman, Dept  
of Aero Eng.  
Prof. R. E. Upson  
Dr. Newman A. Hall

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~~Paul A. Beck~~  
Prof. H. S. Kavanaugh

Mass. Institute of Technology

Thos. Goussule  
Prof. Rodney H. Smith

Educational Institutions (Continued)

New York University

Prof. F.K. Teichmann  
A. F. Spilhaus  
Dr. Joseph C. Boyce

North Carolina State College of  
Agriculture and Engineering

Dr. Wm. G. Van Note,  
Dir. of Eng. Res.

Northwestern University

Dean Ovid W. Eshbach

Oregon State College

Prof. B. F. Ruffner

Parks College of Aero Tech. of St. Louis U.

Oliver L. Parks, Dean

Pennsylvania State College

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Polytechnic Institute of Brooklyn

Dr. N. J. Hoff  
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Purdue University

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Air Force

Government(Continued)

Air Safety, Special Board of Inquiry on

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Civil Aeronautics Administration

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ness Section  
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W. S. Dawson  
~~Omer Welling~~  
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Edwin Zivi

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Geo. W. Burgess, Asst. to Asst. Sec'y  
Fred Lee

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Government(Continued)

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NACA Committees and Subcommittees

Abbott, Dr. Charles G.	Phillips Petroleum	X-NACA
Alden, R. C.	AAF AMC	Fuels & Lub. Subcomm.
Anderson, H. L.		Seaplanes
Arnold, Gen. Henry H.		X-NACA
Auyer, Earl L.	Gen. Elect. Co.	Turbines
Bain, Col. J. G.	Ordiance, War. Dept.	Guided Missiles
Baird, Capt. A. L.	Bur. of Aero.	Power Plants Comm.
Bartlett, Parker M.	Bur. of Aero.	Internal Flow
Beard, M. G.	American Airlines	Operating Problems
Beeck, Dr. Otto	Shell Development Co.	Lubrication, Fric. & Wear
Bell, Lawrence D.	Bell Aircraft	Industry Consulting
Berkner, Dr. L. V.	Carnegit Inst. of Wash.	Dr. L. V. Berkner
Berl, Dr. Walter G.	Johns Hopkins Univ.	Combustion
Biglow, Cmdr. J. O.	Bur. of Aero.	Operating Problems
Bisplinghoff, Raymond L.	M.I.T.	Vibr. & Flutter
Blackwood, Albert J.	Stan. Oil Develop. Co.	Fuels & Lubes
Bollay, Dr. Wm.	North Amer. Aviation	Compressors
Bonner, Dr. L. B.	Hercules Powder Co.	Fuels & Lubes
Borger, John G.	Pan American Airways	Aerodynamics
Boyce, Dr. Joseph O.	New York Univ.	Guided Missiles
Brady, G. W.	Curtiss Wright	Propellers
Brett, Maj. Gen. Geo. H.	(retired)	X-NACA
Briggs, Dr. Lyman J.		X-NACA
Brombacher, W. G.	National Bur. of Stan.	Upper Atmosphere
Brooks, Donald B.	" " "	Fuels & Lubes
Brown, Arthur A.	Pratt & Whitney	De-Icing Problems
Brown, Edmund D.	Wright Aeronautical	Combustion
Browne, Kenneth Alan	CEO R. R.	Propulsion
Bryan, G. L. Jr.	Glenn L. Martin Co.	Structural Design
Burwell, John T.	M.I.T.	Lubr. Fric. & Wear
Carroll, Brig. Gen. Franklin O.		X-NACA
Clark, Geo. H.	Formica Insulation Co.	Non-Met. Airc. Materials
Clauser, Dr. Francis H.	Johns Hopkins	Hi-Speed Aerodynamics
Condon, E. U.	National Bur. of Stan.	NACA
Connolly, Maj. Gen. D.H.	State Department	X-NACA
Cook, Vice Admiral A.B.		X-NACA
Craig, Robert W.	Civil Aero. Admin.	Meteorological Problems
Craigie, Maj. Gen. L.C.	AAF AMC	Aerodynamics
Craven, Vice Adm. Thomas T.		X-NACA
Critchlow, E. Forest	Civil Aero. Admin.	Vibr. & Flutter
Curry, Maj. Gen. John F.		X-NACA

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NACA Committees and Subcommittees

Dane, Col. Paul H.	AAF AMC	Upper Atmosphere
Davenport, Chas. C.	Westinghouse	Lubr. Friction & Wear
Davidson, Prof. S. M. K.	Stevens Inst. of Tech.	Seaplanes
Dayton, Dr. Russell W.	Battelle Mem. Inst.	Lubr. Friction & Wear
Dickey, Daniel A.	AAF AMC	Propellers
Dodds, Major W. C.	AAF AMC	Helicopters Subcomm.
Doherty, Robert E.	Carnegie Inst. of Tech.	X-NACA
Driggs, Ivan H.	Bur. of Aero.	Propellers
Doollittle, Gen. James H.	Shell Union Oil Corp.	X-NACA
Duffy, Marcellus,	AAF, AMC	Meteorological Problems
Duncan, D. B.	Bur. of Aero	NACA
Durand, Dr. Wm. F.		X-NACA
Dycer, Chas. F.		Operating Problems
Echols, Maj. Gen. Oliver P.		X-NACA
Eckhardt, Cmdr. J. C.	Bur. of Aero.	Lubr. Friction & Wear
Emmons, Prof. Howard W.	Harvard Univ.	Compressor
Engel, Dr. Harry C.	Glenn L. Martin Co.	Non-Met. Airc. Mat.
Erickson, Cmdr. Frank A.	U. S. Coast Guard	Helicopters
<del>Erlendson, Oscar Jr.</del>	<del>Elliott Co. a Hirofs</del>	<del>Structural Design</del>
Evans, C. T. Jr.	Elliott Co.	Heat Resist. Materials
Fagg, Prof. Fred D.	Univ. of So. Cal.	X-NACA
Fechet, Gen. Jas. E.		X-NACA
Ferguson, Cmdr. John A.	Naval Air Test Center	Seaplanes
Fitch, Vice Admiral Aubrey W.	U. S. Navy	X-NACA
Foulois, Maj. Gen. Benj. D.		X-NACA
French, George M.	Civil Aero. Board	Meteo. Probs.
Froesch, Chas.	Eastern Air Lines,	Operating Problems
Furnas, Dr. C. C.	Cornell Aero. Lab	Aircraft Construction
Furer, Cmdr. Albert B.	Bur. of Aero.	Structural Design
Gale, Prof. Walter H.	M.I.T.	Structural Design
Gensamer, Dr. Maxwell	Carnegie-Ill. Steel	Metals
<del>George, Major Joseph J.</del>		
Geyer, Leo A.	Grumman Airc.	Seaplanes
Gibbons, Henry B.	Chance-Vought	Non-Met. Airc. Mat.
Giese, Capt. C. E.	Air Univ. Maxwell Field	Seaplanes
Gillespie, Col. J. M.	AAF AMC	Operating Problems
Gilliland, Prof. Edwin R.	M.I.T.	Fuels & Lubes
Gillmore, Brig. Gen. Wm. E.		X-NACA
Grant, Prof. Nicholas J.	M.I.T.	Heat Resist. Materials
Gray, Capt. Harold E.	Pan American Airways	Operating Problems
Gray, R. B.	Reynolds Metals Co.	Metals
Gross, Robert E.	Lockheed Airc. Corp.	Industry Cons.
Grossman, Dr. Marcus A.	Carnegie-Ill. Steel	Heat Resist. Materials
Guggenheim, Harry F.		X-NACA
Gutenberg, Dr. B.	Cal. Inst. of Tech.	Upper Atmosphere
Hall, Dr. Harvey	Bur. of Aero.	Upper Atmosphere
Hall, R. S.	General Electric	Compressors
Hanson, H. L.	Bur. of Aero.	Helicopters

Government - NACA Committees and Subcommittees - cont'd

Harcum, Wm. M.	Sperry Gyroscope Co.	Stability & Control
Harris, Dr. Milton	Milton Harris Assoc.	Non-Met. Airc. Mat.
Hawthorne, Dr. W. R.	M. I. T.	Compressors
Haynes, B. C.	United States Weather Bur.	De-Icing Problems
Hazen, R. M.	General Motors Corp.	Power Plants
Heald, E. R.	Douglas Airc. Co.	Stability & Control
Hester, Clinton M.		X-NACA
Hill, Dr. J. Bennett	Sun Oil Co.	Fuels & Lubes
Hinckley, Robert H.	American Broadcasting Co.	X-NACA
Hobbs, L. S.	United Aircraft Corp.	Power Plants
Hoekstra, Harold D.	C. A. A.	Aerodynamics
Holladay, Wm. M.	Socomy-Vacuum Oil Co. Inc.	Fuels & Lubes
Horkey, Edward J.	North American Av. Corp.	Stability & Control
Horner, H. M.	United Airc. Corp.	Industry Cons.
Houghton, H. G.	M. I. T.	De-Icing Problems
Howard, Ben O.	Douglas Airc. Co.	Operating Problems
Jerger, J. J.	Fairchild Eng. & Airplane	Internal Flow
Johnson, C. R.	Shell Oil Co.	Fuels & Lubes
Kaplan, Joseph	Univ. of Calif.	Upper Atmosphere
Kennan, Prof. J. H.	M.I.T.	Propellers, Aerodynamics, & Internal Flow
Keller, Ernest G.	Curtiss-Wright Corp.	Vibration & Flutter
Kelsey, Col. B. S.	AAF AMC	Operating Problems
Kemmer, Col. Paul H.	AAF AMC	High-Speed Aero. - Airc. Const and Internal Flow
King, Admiral Ernest J.		X-NACA
Kinnaman, E. B.	Boeing Aircraft Co.	Vibration & Flutter
Kleinschmidt, Dr. R. F.		Prop. Sys.
Klopp, Cmdr. Jas. W.	U.S.N.	Operating Problems
Koppen, Prof. Otto	M.I.T.	Stability & Control
Kramer, Irvin R.	Naval Research	Heat Resist. Materials
Kraus, Rear Admiral S.M.	U.S.N.	X-NACA
Krause, Dr. E.H.	Naval Res. Lab.	Upper Atmosphere
Kroon, R. P.	Westinghouse	Power Plants
Land, Rear Admiral Emory S.	S. Air Transport Assn. of America	X-NACA
Lee, John G.	United Aircraft Corp.	Turbines
Lewis, Dr. Bernard	Bureau of Mines	Compressors
Little, Delbert M.	U.S. Weather Bureau	Meteo. Problems
Loening, Grover		Seaplanes - Helicopters
Locke, F.W.S. Jr.	Bur. of Aero.	Seaplanes
Longwell, Dr. John P.	Stan. Oil Development Co.	Comb.
Loring, Samuel J.		Vibration & Flutter
Luskin, Harold	Douglas Airc. Co.	Hi-Speed Aero.
Lyman, Chas. B.	Bur. of Aero.	Struc. Design
MacCracken, Wm. P. Jr.		X-NACA
MacDiarmid, Donald B.	U.S. Coast Guard	Seaplanes
McBrien, R. L.	United Air Lines Trans. Corp.	De-Icing Problems
McDonald, Dr. J. C.	Dow Chemical Co.	Metals
McFarland, Dr. Ross A.	Harvard Univ.	Operating Problems
McIntosh, Col. Lawrence W.		X-NACA
Mailoux, Ernest J.	Chance Vought	Aircraft Construction

Government - NACA Committees and Subcommittees - continued

Maloy, R. R.	C.A.A.	Helicopters
Markwardt, L. J.	Forest Products Lab.	Non-Met. Airc. Mat.
Matulaitis, Joseph	C.A.A.	Stability & Control
Mead, Dr. Geo. J.		X-NACA
Mehl, Robert F.	Carnegie Inst. of Tech.	Metals Subcomm.
Miller, Rene H.	W.I.T.	Helicopters
Miller, Roy A.	Cons. Vultee Airc.	Aircraft Constr.
Mills, Dr. Roscoe H.	AAF AMC	Propellers
Minty, Col. R. J.	AMC	Power Plants
Monroe, C. Bedell	Capital Airlines	Industry Cons.
Morse, John C.	C.A.A.	Propellers
Mulligan, Dennis		X-NACA
Nerad, A.J.	General Electric	Comb. Fuels & Lubes
Noble, Edward J.		X-NACA
Noble, Capt. Kenneth H.	Bur. of Ord. Navy	Guided Missiles
Northrop, John K.	Northrop Airc. Inc	Industry Cons.
Ober, Shatswell	M.I.T.	Propellers
Orville, Capt. Howard T.	U.S.N.	Meto. Problems - Upper Atmos.
Pace, Rear Admiral E.M.	U.S.N.	X-NACA
Pappas, C.N.	Republic Aviation Corp.	Hi-Speed Aerod.
Patterson, Wm. A.	United Air Lines	Industry Cons. Comm.
Pease, Prof. Robert N.	Princeton Univ.	Comb.
Perkins, Prof. C.C.	Princeton Univ.	Stability & Control
Phillips, E.C.	AAF AMC	Fuels & Lubes
Piasecki, F.N.	Piasecki Helicopter Corp.	Helicopter
Pierson, J.D.	Glenn L. Martin Co.	Seaplanes
Piper, T.E.	Northrop Airc. Inc.	Airc. Metals
Piper, Wm. T.	Piper Airc. Corp.	Industry Cons.
Powers, Maj. Gen. E.M.	AAF	NACA
Pratt, Maj. Gen. Henry C.		X-NACA
Fuckett, Allen	Cal. Tech.	Hi-Speed Aerod.
Radford, Arthur W. (Vice Admiral)	U.S.N.	X-NACA
Ramberg, Dr. Walter	N.B.S.	Vibr. & Flutter
Rassieur, Capt. W.T.	U.S.N.	Guided Missiles
Raymond, Arthur E.	Douglas Airc. Co.	NACA
Reaser, W.W.	Douglas Aircr. Co.	De-Icing
Reichelderfer, F.W.	U.S. Weather Bureau	NACA
Rettalkiatta, Dr. J.T.	Ill. Inst. of Tech.	Turbines
Rhines, Thomas B.	Ham. Stan. Prop.	Propellers
Richardson, L.B., Rear Admiral		<del>X-NACA</del>
Richardson, Capt. H.C.		X-NACA
Roeser, W.F.	N.B. S.	Metals
Root, L. E.	Douglas Airc. Co.	Aerodynamics
Roth, Col. Marshall S.	AAF AMC	Self-Prop. Guided Missiles
Ryder, Earle A.	United Airc. Pratt & Whitney	Fuels & Lubes
Ryder, Edward I.	C.A.A.	Struc. Des. Metals
Sager, Cndr. John P.	Bur. of Aero.	De-Icing
Saunders, Capt. H.E.	Bur. of Ships	Seaplanes
Schaier, Geo. S.	Boeing Airc.	Aerod.
Schleicher, R.L.	North American Aviation	Struc. Des.
Schoolfield, Wm. E.	Chance Vought	Propellers

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Government - NACA Committees and Subcommittees - continued

Schubert, Lt. Cmdr. Wm.	Bur. of Aero.	Internal Flow
Schwartz, Robert T.	AAF AMC	Non Met. Airc. Mat.
Sebrell, Dr. Lorin B.	Goodyear Tire & Rubber	Non-Met. Airc. Mat.
Shorr, Melvin	AAF AMC	Stability & Control
Simmons, P.A.	AAF AMC	Helicopters
Slason, Cmdr. F.K.	Bur. of Aero.	Turbines
Smilg, Benjamin	AAF AMC	Vibr. & Flutter - Struc. Des.
Smith, Dana W.	Glenn L. Martin Co.	Metals Subcomm.
Smith, Ronald B.	The Elliott Co.	Turbines
Snyder, Geo.	Boeing Airc. Co.	Struc. Des.
Soderberg, Prof. C. R.	M.I.T.	Turbines
Sontag, H.C.	Bur. of Aero.	De-Icing Problems
Speatz, Gen. Carl	Air Forces	NACA
Spieß, Paul C.	C.A.A.	Hi-Speed Aerod.
Spilhaus, Prof. A.F.	New York Univ.	Meteo. Problems
Springer, Bardell L.	C.A.A.	Helicopters
Stevens, Rear Admiral Leslie C.	U.S.N.	X-NACA
Stout, E.G.	Cons. Vultee Mirc.	Seaplanes
Stuart, Donald M.	C.A.A.	Operating Problems
Styri, Dr. Haakon	SKF Industries	Lubr. Friction & Weat
Talbert, John	Wright Aero.	Compressors
Temple, Robert	Bur. of Aero.	Non-Met. Airc. Mat.
Tigelaar, J.H.	Haskelite Mfg. Co.	Non-Met. Airc. Mat.
Towers, Admiral J.H.	Navy	X-NACA
Tunmer, Maj. Gen. Wm. H.	AF Air Transport Command	Operating Problems
Valentine, Share I.	AAF--AMC	De-Icing-Problems Attended
Vidal, Eugene L.		X-NACA
Von Karman, Theodore	Cal. Tech.	Aerod.
Von Newman, Prof. John	Inst. for Advanced Study	Hi-Speed Aerod.
Warner, D.F.	Gen. Elect.	Power Plants
Warner, Dr. Edward P.		X-NACA
Wassell, Col. Ralph L.	AAF AMC	Power Plants
Wattendorf, Dr. Frank L.	AAF AMC	Hi-Speed Aerod.
Weick, Fred E.	Eng. & Res. Corp.	Propellers - Industry Con. and Aerod.
Wetmore, Dr. Alexander	Smithsonian Inst.	NACA
Wexler, Dr. Harry	U.S. Weather Bureau	Upper Atmos - Meto. Probs.
Weyerbacher, Cmdr. R.D.		X-NACA
Whipple, Dr. Fred L.	Harvard Univ.	Upper Atmosphere
Wiener, Bernard A.	Bur. of Aero.	Vibr. & Flutter
<del>Williams, Prof. Glenn C.</del>	<del>M.I.T.</del>	<del>Comb-</del>
Wolfe, Edgar A.	AAF AMC	Lubr. Friction & Weat
Wright, Dr. Orville		NACA
Wright, Dr. T.P.	C.A.A.	NACA
Wulf, Dr. Oliver R.	Cal. Tech.	Upper Atmos.
Yagiela, Stanley	C.A.A.	Non-Met. Airc. Mat.
Yates, Col. Donald N.	Air Weather Service	Meteo. Problems - Upper Atmos.
Young, Arthur M.	Bell Airc. Corp.	Helicopters
Young, Raymond W.	Wright Aero. Corp.	Power Plants
Zisman, Dr. Wm.	Naval Res. Lab.	Lubr. Fric. & Wear
Zucrow, Dr. Maurice J.	Purdue Univ.	Prop. Systems

a #10/8

Individuals

Bounds, Roger	First Nat'l Bank, Hermiston Ore. (Former Budget Comm.)
Brown, Gordon D.	Bankers Trust Co. Washington
Cabot, Godfrey L.	Boston, Mass. 247 Beacon St.
Farrelly, Richard L.	Chevy Chase, Md.
Gardner, Lester D.	251 W. 101st St. New York (Former Pres. of I.A.S.)
Lewis, Alfred W.	Lewis & Evans, Wash. D.C.
Maas, Hon. Mel.	Washington, D.C.
Mueller, Carl	Bankers Trust Co. New York
Newhall, C. Watson	New York, 5600 Rockefeller Plaza
Rochlen, A.M.	Los Angeles, Calif. 509 N. Rockingham
Rockefeller, Laurence S.	30 Rockefeller Plaza, New York
Woodward, Harper	50 Rockefeller Plaza
Younger, C.J.	The Chase National Bank, New York

Industry

Allis-Chalmers Mfg. Co.	Allen, R.C., Turbo Power Dev. Dept.
	Emmert, H.D. "
	Simpson, H.S. "
	Tucker, W.B. "
Aeronca Aircraft Corp.	Friedlander, John W. Pres.
Airborne Instruments Lab. Inc.	Hector R. Skifter, Pres.
	John N. Dyer
Aircooled Motors, Inc.	C.F.B. Roth, Pres.
Aircraft Consulting Service	H. M. Weikmiller
All American Airc. Inc.	Gerald Adler, Pres.
All American Aviation Inc.	Robert M. Move, Pres.
American Airlines, Inc.	C. R. Smith, Chairman of Board
	R. S. Damon
	S. W. Kolk
American Magnesium Corp.	G. L. Moore, Mgr. Design Div.
Applegate & Weyant Engineering Co. Goshen, Ind.	Ray Applegate, Partner
Athlison, Topeka & Santa Fe Ry Co.	Cyril C. Thompson, Special Rep.
Avion Instrument Corp. New York	R. F. Wehrlin, President
Avco Mfg. Co., Lycoming Division Williamsport, Pa.	C. S. Horn
	D. S. King
Beech Aircraft Corp., Wichita, Kas.	Walter H. Beech, Pres. & Chmn. of Bd.
Bell Airc. Corp., Buffalo, N.Y.	J. F. Strickler, Asst. Ch. Engr.
Bellanca Airc. Corp., New Castle, Del.	G. M. Bellanca, Pres.
	F.-J.-Knack-
Belmont Radio Corp.	F. J. Knack, Pres.
Bendix Aviation Corp., Detroit	M. P. Ferguson, Pres.
	G. E. Stell, Gen. Mgr. (South Bend)

Industry - continued

Braniff Airways, Dallas, Tex.	T.E. Braniff, Pres.
Capital Airlines Corp. Wash. D.C.	C. Bedell Monroe, Pres. (Subcom. Memb.) E.P. Cunningham
Cessna Airc. Co. Wichita, Kas.	Dwane L. Wallace, Pres. Jerry H. Gerteis
Chance Vought Aircraft Stratford, Conn.	F. N. Dickerman Mailloux, Ernest J. (Subcomm. Mem.)
Chicago and Southern Air Lines, Inc. Memphis, Tenn.	Carleton Putnam, Pres.
Colonial Airlines, Inc. New York	Sigmund Janac, Pres.
Commonwealth Airc. Inc. New York	Raymond Noyes, Pres.
Continental Air Lines, Inc. Denver	Robert F. Six, Pres.
Continental Motors Corp. Muskegon, Mich.	G. J. Reese, President.
Corning Glass Co., Corning, N.J.	J.T. Littleton
Curtiss Wright Corp. New York	C. W. Chillson, Ch. Engr. Rocket Prop; E. G. Eaton, Ch. Des. Engr. Pilotless Airc R. Elmer Minton, Sales Manager W. Tydon, Ch. Des. Engr. Army Airc.
Delta Airlines, Inc. Atlanta, Ga.	C. M. Woolman, Pres.
Dow Chemical Co., Midland, Mich.	Dr. Willard H. Dow, Pres.
Eastern Air Lines, Inc. New York	Charles Froesch, Chief Engr.
Electro Mechanical Research Ridge Field, Conn.	Chas. B. Aiken, V.P.
The Cheston L. Eshelman Co. Baltimore, Md.	Cheston L. Eshelman, Pres.
Farnsworth Television & Radio Co. Fort Wayne, Ind.	J. D. Schantz
Fredric Flader, N. Tonawanda, N.Y.	Frank Lakowitz, Factory Manager
Freedman Airc. Engineering Corp. Charlevoix, Michigan	Gordon L. Freedman, President
Fairchild Camera & Instrument Co. Jamaica, L.I. N.Y.	James S. Ogsbury, Pres.
Farnsworth Television & Radio Co. Fort Wayne, Indiana	A. E. Harris, Pres.
Funk Aircraft Co., Coffeyville, Kas.	H. C. Funk, Chief Engr.
Galvin Manufacturing Corp., Chicago, Ill.	President

Industry - continued

General Electric Co., West Lynn	H. D. Kelsey, Managing Engineer R. G. Jewell
General Electric Co. Schenectady	J. C. Miller, Mgr. Aviation Div.
General Motors Corp., Allison Div.	J. C. Fetters, Ch. Turb. Engr. D. Gerdan, Ch. Eng. R. C. Golt, Gen. Sales Mgr. J. M. Knott, Ch. Customer Eng. Serv. T. S. McCrae, Asst. Dir. of Eng'g E. B. Newhill, Gen. Mgr. John F. Haines, Dir. of Research
" (Aeroproducts Div.)	
Gilfillan Corp., Los Angeles, Cal.	President
Gladden Products Corp., Glendale, Cal.	J. N. Gladden, Pres.
Globe Airc. Corp., Fort Worth, Tex.	John Kennedy, Pres.
Goodyear Aircraft Corp., Akron, Ohio	Dr. K. Arnstein, V. Pres. in Chg. of Eng'g H. Webster Crum, Sales Manager Dr. Howard Heghar, Mgr. Electronics & Control T. A. Knowles, V. Pres. and Gen. Mgr. P. J. Papanek, Ch. Flight Test Engr.
Hamilton Standard Propellers, United Airc.	Erle Martin, Act. Gen. Mgr. C. F. Baker T. B. Rhines A. I. Sibra
Hayes Industries, Inc., Jackson, Mich.	C. B. Hayes, Pres.
Hillyer Engineering Co., New York	Curtiss Hillyer, Pres.
Hockaday, Aircraft Corp. Burbank, Cal.	N. R. Hockaday, Pres.
Holley Carburetor Co., Detroit, Mich.	William Orr, Head, Eng'g & Res.
Houde Engineering Div. Houdaille-Hershey Corp. Buffalo, N.U.	Charles Getler, Pres.
Hughes Aircraft Co., Culver City, Cal.	Howard R. Hughes, Pres. Carl W. Babberger Rea N. Hopper Col. C. A. Shoop R. E. Wendahl
Intava, Incorporated, New York	C. H. Baxley, V. P.
Jacobs Aircraft Engine Co., Pottstown, Pa.	Albert R. Jacobs, Gen. Mgr.



Industry - continued

Johnson Aircraft, Inc., Ft. Worth, Tex.	R. S. Johnson, Pres.
Kellett Aircraft Corp. N. Wales, Pa.	W. Wallace Kellett, Pres.
M. W. Kellogg Co., Jersey City, N.J.	President
Kidde, Walter & Company, Inc. Belleville, N.J.	John F. Kidde, Pres. A. H. Nobelmann, Wash. Rep.
Kollsman Instrument Div., Square D. Co. Elmhurst, N.Y.	F. W. Magin, Pres.
Lear, Inc., Grand Rapids, Mich.	William P. Lear, Pres. Robert Goodyear Richard Mock
Link Aviation Devices, Inc.	E. A. Link, Pres.
Los Angeles Chamber of Commerce	John M. Costello (Wash. Resp.) Glen Eastburn, Mgr. Aviation Dept.
Ludington-Criswold, Inc. Saybrook, Conn.	Roger W. Griswold II, Pres.
Luscombe Airplane Corp., Dallas, Tex.	Leopold H.P. Klotz, Pres.
Lockheed Aircraft Corp., Burbank, Cal.	Philip A. Colman Willis M. Hawkins
McKiernan-Terry Corp., Harrison, N.J.	President
Manufacturers Machine & Tool Co., Inc. Mt. Vernon, N.Y.	Jacob Kloppinger, Vice Pres.
Marquardt Aircraft	Richard Getz
Maquire Industries, Inc., Bridgeport, Conn.	President
S. W. Marshall Co., Washington, D.C.	President
Glenn L. Martin Co.	D. R. Shoults, Chief Engr.
Menasco Mfg. Co., Burbank, Cal.	John C. Lee, Pres.
Mid-Continent Airlines, Inc., Kansas City	J. W. Miller, Pres.
National Airlines, Inc., Miami, Fla.	G.T. Baker, Pres. J. D. Crane
National Screw and Mfg. Co., Cleve., O;	Herbert P. Ladds, President
North American Airport Corp. White Plains, N.Y.	Elmer Haslett, Pres.

Industry - continued

Northeast Airlines, Inc., Boston, Mass.	Paul F. Collins, Pres.
Northrop Aircraft Inc. Hawthorne, Calif.	Irving L. Ashkenas, Ch. of Aerod. Curtis L. Bates, Des. Administrator
Owens-Illinois Glass Co., Toledo, Ohio	H. M. Alexander, Mgr. of Sales & Tech. Serv.
Pan American Airways System, New York	J. T. Trippe, Pres. Capt. David S. Ingalls
Pan American-Grace Airways, Inc. New York	Harold J. Roig, Pres. John T. Shannon
Pan American World Airways System, N.Y.	Andre A. Priester, V. P. & Ch. Engr. Franklin Gledhill, Vice Pres.
Parsons Industries, Inc., Traverse City, Mich.	J. A. Gean
Pennsylvania Airc. Syndicate, Ltd., Phila.	E. Burke Wilford, Pres.
Phillips Petroleum Co. Bartlesville, Okla.	S. C. Britton
Plasecki Helicopter Corp. Inc.	D. N. Meyers H. F. Staniek N. C. Taylor
Pittsburgh-Consolidation-Gear-Co. Pittsburgh, Pa.	Joseph Pursglove, Jr., Vice Pres. <del>Dr. Howard S. Turner</del> Attended 10/8/47
Pittsburgh Plate Glass Co., Pittsburgh, Pa.	M. G. Babcock, Mgr.
Radio Corporation of America	Frank Folsom, Vice Pres. R. M. Hicke R. R. Welsh
Raymond De-Icer Corp., Long Island, N.Y.	Edward Nathan, Pres.
Raytheon Mfg. Co., Newton, Mass.	Ralph A. Krause, Asst. to Pres.
Raytron, Inc., Jackson, Mich.	John R. Gelzer, V. Pres.
Reaction Motors, Inc., Denmark, N.J.	Lovell Lawrence, Pres. Capt. Wm. C. Asserson
Reynolds Metals Co., Richmond, Va.	R. S. Reynolds, Sr., Pres.
Rheem Mfg. Co., Los Angeles, Cal.	Stanley L. Yarbrough, Ch. Proj. Engr.
Roosevelt Field, Inc., Mineola, N.Y.	William D. Guthrie, President
Rotor Craft Corp., Los Angeles, Cal.	Gilbert W. Magill, Pres.

Industry - continued

Ryan Aeronautical Co., San Diego, Cal.	T. Claude Ryan, Pres., Robert Johnson
Santa Fe Skyway, Inc., Chicago, Ill.	G. W. Lupton, Jr., V.P. and Gen. Mgr.
Sensenich Brothers, Lancaster, Pa.	H. M. Sensenich, Partner
L. N. Schwein Engineering Co., Los Angeles, Calif.	L. N. Schwein, Gen. Partner
Simmonds Aerocessories, Inc. Long Island City, N. Y.	Jack Isreeli W. R. Eynart
<del>Socony Vacuum Oil Co., Inc.</del>	<del>R. E. Albright</del>
Specialties, Inc., Syosset, L.I.	Stephen A. McClellan, Pres. R. G. Hubbard
Sperry Gyroscope Co., Inc.	Preston R. Bassett, Pres.
Standard Oil Co. of Calif. Aviation Div., San Francisco	R. F. Bradley W. V. Hanley
Stone Propeller Co., Wichita Kas.	M. J. Stone, Pres.
Stratos. Corp., Babylon, N.Y.	Dale O. Moeller, Chief Engr.
Strogberg-Carlson Co., Rochester, N.Y.	L. L. Spencer, V. Pres.
Submarine Signal Co., Boston, Mass.	I. C. Clement
Summers Gyroscope Co., Santa Monica, Cal.	Tom Summers, Jr., Owner
Sylvania Electric Products Inc. Flushing, N. Y.	President
The Taylor Engineering Co., Alliance, Ohio	C. G. Taylor, Gen. Mgr.
Thompson Products, Inc., Cleveland	Fred C. Crawford, Pres.
Thomson Industries, Inc., Long Island	John B. Thomson, Pres.
Transcontinental & Western Air, Inc.	Lanotte Cohu, President L. R. Koepnick, Chief Engr.
United Air Lines, Inc. Chicago, Ill.	W. A. Patterson, Pres. W. W. Davies
United Helicopters, Inc. Palo Alto, Cal.	Stanley Hiller, Jr., President
U. S. Propellers, Inc., Pasadena, Cal.	Christopher Schwarzenbach, Pres.

Industry - continued

United Aircraft Corp.,  
East Hartford, Conn.

W. A. Kuhrt, Head Gas Dyn. Sec.  
C. J. McCarthy  
L. H. Gitzinger, Sales Dept.

Waco Aircraft Company, Troy, Ohio

C. J. Brukner, Pres.

Warner Aircraft Corp.  
Detroit, Mich.

W. O. Warner, Pres.

Washington Board of Trade

Col. Wm. H. Press, Executive Sec'y

Western Air Lines, Inc. Burbank, Cal. S

William A. Coulter, Pres.

Western Electric Co.  
New York

F. R. Lack, Vice Pres.  
F. C. McMullen  
E. L. Nelson

Westinghouse Electric Corp.

S. N. Smart, Mgr. Aviation

Wickwire Spencer Aviation Corp.  
New York

E. P. Holder, President

Willys-Overland Motors, Inc.  
Maywood, Cal.

Dir. of Eng.  
President

Wing Engineering Corp.  
Baltimore, Md.

R. B. Hayes, Chief Engr.  
Temple N. Joyce, Pres.  
F. A. Wodel

Weston Electrical Instrument Corp.  
Newark, N.J.

Caxton Brown, Pres.

Wright Aero. Corp.

(subsidiary of Curtiss-Wright Corp.)

Zenith Radio Corp., Chicago, Ill

Hugh Robertson, Exec. V. Pres.

Press

American Aviation Publications  
Washington D. C.

C. Scott Hersey  
Dr. J. Parker Van Zandt

Aviation Week, McGraw Hill  
Washington, D. C.

Robert Holtz

Ed Bauman, 271 Madison Ave., New York

Christian Science Monitor  
Boston, Mass.

Albert D. Hughes, Aviation Ed.

International News Service  
Washington, D.C.

Leon Schloss

Herald Tribune, New York

Gill Robb Wilson

New York Herald Tribune

C. B. Allen, Aviation Editor

New York Times

Reginald M. Cleveland  
Waldeman Kaempffert, Science Ed.  
Frederick Graham

Red Neeley, 104 West Bellefont Ave., Alexandria, Va.

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FIRST ANNUAL INSPECTION  
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS  
CLEVELAND LABORATORY

Invited Second Day - October 9, 1947 - Did Not Attend

Industry

Fairchild Airplane Co.

✓ Ward, J. C., Jr.

Government

Congressional Committee

Armed Services, Staff Member

✓ Galusha, Mark

Armed Services, Clerk

✓ Harper, Robert H.

Armed Services, Staff Member

✓ Mudge, N. D.

House Appropriations, Clerk

✓ Harvey, George Y.

House Appropriations

✓ Lambert, Robert E.

Military

Secretary of Defense

✓ Forrestal, Hon. James V.

Director, Army, Navy and Air Force  
Joint Staff

✓ Gruenther, Major General Alfred M.

Munitions Board, Chairman

✓ Hargrave, Hon. James J.

Undersecretary of War

✓ Draper, Major General William H.

Director, Central Intelligence  
Agency

✓ Hillenkoetter, Rear Admiral Roscoe H.

National Security Council

Executive Secretary  
Chairman

✓ Souers, Hon. Sidney W.  
✓ Hill, Hon. Arthur Middleton

Air Force

Secretary  
Chief of Staff

✓ Symington, Hon. W. Stuart W. *Inv. 10/8 also*  
✓ Spaatz, General Carl

Deputy Cmdr. and Chief of Air Staff  
Asst. Chief of Staff  
Asst. Chief of Air Staff  
Asst. Chief of Air Staff  
Asst. Chief of Air Staff

✓ Vandenberg, Lt. Gen. Hoyt S.  
✓ Lt. Gen. Idwal Edwards  
✓ McDonald, Maj. Gen. George C.  
✓ Partridge, Maj. Gen. E. E.  
✓ Powers, Maj. Gen. Edward M. *NACA Comm. Member*

Air Force - continued

Asst. Chief of Air Staff  
Deputy Cndr. and Chief of Air Staff  
Exec. Asst. to Commanding General  
Secretary General, Air Board  
Headquarters

Weyland, Maj. Gen. Otto P.  
Swofford, Col. R. P.  
Kimmel, Lt. Col. R. E.  
Knerr, Maj. Gen. Hugh J.  
Carpenter, Col. William  
Eaker, Lt. Gen. Ira C.  
Garland, Col. William  
Graichen, Ralph R.  
Thompson, Maj. D. W.  
Demler, Col. M. C.  
Doubleday, Col. D. C.  
Fishel, Major R. R.  
Gould, Major D.  
Lipnich, Hon. M.  
Nelson, Col. H. C.  
Peaslee, Major J. C.

Air Transport Command

Commanding General  
Deputy Commander  
Aide to Commanding General  
Chief of Staff

Harper, Maj. Gen. Robert Wells  
Huglin, Brig. Gen. Harold Q.  
Westmoreland, Capt. Izey T.  
Benners, Col. Donald W.  
Lindahl, Capt. T.  
~~Craigie, General L. C.~~ *att. 10/8*

Research and Engineering Div., Chief  
Strategic Air Command

Chief, Commanding General

Kenny, General George C.  
Bunch, Col. Clare  
Irvine, Col. Clarence S.  
Cork, Col. R. O.  
Hutchinson, Brig. Gen. D. W.  
McMullen, Maj. Gen. C.  
~~Retnorst, Scott~~

Division of Information

Director of Information  
Civil Liaison

McDonnel, Brig. Gen. Emmett., Jr.  
Wilson, Maj. Edward L.  
Haggerty, Capt. James J:

Muroc Army Air Base, Muroc, California

Commanding Officer

Gilkey, Col. Signa A.

Andrews Field, Washington, D. C.

Commanding General

Taylor, Brig. Gen. Y. H.

Bolling Field, Washington, D. C.

Commanding General

Hovey, Brig. Gen. Burton M., Jr.

Elgin Field, Florida

Commanding General

Brandt, Brig. Gen. Carl A.

Langley Field, Virginia

Commanding General Tactical Air  
Command

Queseda, General Elwood R.  
Wimsatt, Col. Robert W. C.  
Hardin, Brig. General Thomas O.

Commanding Officer

Tactical Air Command

Air Force - continued

Maxwell Field, Montgomery, Alabama  
Commanding General Air University  
Air University

Wright Field, Dayton, Ohio.

Commanding General, Air Materiel

NACA Liaison  
NACA Liaison (Former)  
Aircraft Lab.  
Aircraft Lab.

Aircraft Lab.  
Propeller Lab.  
Equipment Lab.  
Aircraft Lab.  
Engineering Div.  
Materials Lab.

Aircraft Lab.  
Power Plants Lab.  
Aircraft Lab.  
Engineering Operations  
Aircraft Lab.  
Electronics Subdivision  
Aircraft Lab.  
Aircraft Lab.  
Aircraft Lab.  
Propeller Lab.  
Aircraft Lab.

NACA Liaison Officer, Moffett  
Field, California  
Engineering Operations

Aircraft Lab.  
Aircraft Lab.  
Aircraft Lab.  
Guided Missiles Section  
Aircraft Lab.  
Aircraft Lab.  
Aircraft Lab.  
Aircraft Lab.  
Aircraft Lab.

Fairchild, Maj. Gen. Muir S.  
Lee, Col. J. D.

Twining, Lt. General N. F.  
Bogert, Col. Howard Z.  
Page, Col. E. R.  
Bolgiano, J.  
Cassell, M.  
Chidlaw, Lt. Gen. B. W.  
Davis, E.  
Dickey, D. A.  
Dent, Col. F. R.  
Dubois, R.  
Gist, Col. W. H. Jr.  
Glass, E. M.  
Harvell, Col. J. C.  
Heuver, H.  
Hoffman, R. E.  
Jablecki, Maj. L.  
Johnson, Max  
Kiefer, E.  
Lambert, Major. J. S.  
Lippman, H.  
Ljunggren, Lt. Col. E.  
Magrath, H.  
Mercier, Lt. Col. A. P.  
Miller, W.  
Minty, Col. R. T.

Murray, Major James L.  
Nabell, Lt. Col. E.  
Nelson, N.  
Peck, P.  
Roberts, P.  
Rogers, O.  
Roth, Col. M. S.  
Schwartz, E.  
Stitz, W.  
Wayne, J.  
Westbrook, C.  
Withers, W.

Army

Secretary for the Army	Royall, Hon. Kenneth
Chief of Staff	Eisenhower, General Dwight D.
Armed Forces Special Weapons Project Chief	Groves, Maj. Gen. Leslie R. Parker, Lt. Col. David B.
Army Ground Forces, Washington, D. C. Commanding General	Devers, General Jacob L.
Army Ground Forces, Fort Monroe, Va.	Hewitt, Col. Hobart
Armed Forces Staff College, Norfolk, Va., Office of Senior Instructor	Armstrong, Brig. Gen. Frank A., Jr.
Aberdeen Proving Ground, Aberdeen, Md. Commanding General	Quinton, Brig. Gen. A. N., Jr.
<u>Research and Development Division</u> Chief Director	LeMay, Maj. Gen. Curtiss E. Aurand, Maj. Gen. Henry S. Dutton, Donnell W.
Office of D. Chief of Air Staff for Research and Development	Wilson, Col. R. C.
The Engineer Center, Fort Belvoir, Va.	Hoge, Maj. General W. M.  Hewitt, Col. H. Rogers, Lt. Col. N. E., Jr. Kingley, Col. J. Sullivan, Col. H. R. Wilson, Col. R. C.

Navy

Secretary of the Navy	Sullivan, Hon. John L.
Assistant Secretary of the Navy	Kenny, Hon. W. John
Asst. Secretary of the Navy for Air	Brown, Hon. John N.
Fleet Admiral	King, Admiral Ernest J.
Executive Office of the President	Robinson, Lt. Bob John



Navy - continued

Naval Operations

Chief of Naval Operations	Nimitz, Admiral Chester W.
Vice Chief of Naval Operations	Ramsey, Admiral D. C.
Office of Chief of Naval Operations	Goodney, Capt. W. K.
	Condon, Lt. J. P.

Chief of the Bureau of Aeronautics Price, Rear Admiral Alfred M.

Bureau of Aeronautics Sub

Asserson, Capt. W. C.  
Beardsley, Capt. G. B.  
Dowell, Capt. B. B.  
Fliedner, C. S.  
Lord, Capt. C. W.  
Simpler, Capt. L.  
Smith, Capt. C. E.  
Wittman, Lt. Cmdr. N. O.

Bureau of Aeronautics

Representative, Detroit, Mich.	Smith, Capt. C. E.
Representative, Dayton, Ohio.	<del>Graffy, Lt. Richard</del> <i>attended</i>

Chief of Bureau of Ordnance

Chief	Hussey, Vice Admiral G. F., Jr.
Deputy Chief	Schoeffel, Rear Admiral Malcolm F.

Chief of Bureau of Ships Mills, Vice Admiral E. W.

Chief of Naval Research Lee, Rear Admiral P. F.

Office of Naval Research  
Nash, Earl A.  
Robillard, Capt. George M.

Navy General Board

President	Towers, Admiral John H.
	Butler, Col. Jarvis

Office of the Secretary Thompson, Cmdr. William L.

Naval Air Station, Anacostia, D. C.  
Commanding Officer McKay, Capt. James

Naval Air Station, Norfolk 11, Va.  
Commanding  
Cruise, Capt. E. A.  
Brauninger, Lt. Cmdr. G. G.  
Colenda, Lt. Cmdr. F.  
Herb, Lt. A. E.

Navy - continued

Naval Air Station

Leonard, Cmdr. W. M.  
Soucek, Rear Admiral A.  
Trapnell, Capt. F. M.

David Taylor Model Basin, Washington 7,  
D. C.  
Director

Kell, Rear Admiral C. O.

Naval Air Materiel Center, Philadelphia  
Commander

Royce, Rear Admiral D. *attended*  
Fortune, Cmdr. W. C.  
Kirkbride, Capt. C. E.  
Neale, H. G.  
Sarwald, G. L.

Naval Air Missile Test Center, Point  
Mugu, Calif.

Allison, J. M.  
Hatcher, Capt. Robert S.  
Peterson, R. H.

Naval Academy, Annapolis, Md.  
Head of Naval Postgraduate School

Spanogle, Capt. H. A.

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FIRST ANNUAL INSPECTION  
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS  
CLEVELAND LABORATORY

Attendance Second Day - October 9, 1947

Associations, Institutions, Societies

Franklin Institute Laboratory for  
Research and Development

Barnaby, Ralph S.

Congressional Committees

Senate Comm. on Armed Forces

Chambers, J. M., Staff Member

Senate - Interstate Commerce

Davis, Halford, Staff Member on Aviation

House Appropriations Committee

Duval, Wm. A., Asst. Clerk.

Senate Appropriations

Montgomery, R. A., Staff Member  
Independent Offices

Congressional Comm. on Atomic Energy

Rhodes, F. B., Clerk

Subcommittee on Research & Development  
House Armed services

Smart, Robert W., Staff Member

House Appropriations Comm.

Sprankle, Kenneth, Asst. Clerk

Educational Institutions

University of Maryland

Shreeve, Chas. A.  
Sherwood, A. W.

Government

Air Policy Comm. (Pres. I.A.S.)

Johnston, S. Paul

Cent. Intelligence Agency

Clinch, Col. W. J.  
Doan, Capt. H. C.

Scientific Manpower Branch

Delo, D. M.

Sc. Res. Board

Thurston, J. L.

Research & Development Board

Black, E. F.  
Cole, Lt. Col. H. I.  
Haugen, Col. V. R.  
Jacobs, J. B.  
McAuliffe, Maj. Gen.  
Morse, L. P.  
O'Bryan, H. M.  
Richardson, F. H.  
Taylor, Maj. J. P.  
Gould, W. O.

Government

NACA - Washington

Abbott, Ira. H.  
Baker, David  
Chamberlin, E. H.  
Dryden, Dr. Hugh L.  
Ebert, W. J.  
Green, Sylvia E.  
Helms, Chas. H.  
Kelly, James Jr., Jr.  
Lacklen, Robert J.  
McCulloch, J. C.  
Maggin, Bernard  
Majeske, L. M.  
Miller, E. B.  
Mueller, W. A.  
Phillips, F. W.  
Ulmer, Ralph E.  
Rothrock, A. M.  
Victory, John F.

NACA - Langley Field

Baals, Don  
Bailey, Fred J.  
Houston, Y. V.  
Reeder, J. P.  
Roche, G.  
Thompson, F. L.  
Whitten, J. B.  
Dyas, Lt. Col. John R.

NACA -Liaison

NACA - Ames

Bioletti, Carlton  
Wood, Donald H.  
Hovde, Dr. F. L., Guided Missiles Comm.  
Ryder, E. I., Struc. Des. Metal Subcomm.  
Chandler, H. C., Jr.

NACA Subcommittee

NACA - Dayton - Liaison AMC

Industry

Pittsburgh Consolidated Coal Co.

Purglove, Jos. J.  
Turner, H. S.

Lear, Inc.

Handshumacher, A. G.

Lubrizol Corp.  
West Coast Engineering

Lindbergh, Col. Chas A.

Press

United Press  
N. Y. Journal American

Smith, Kent H.  
Smith, Bruce

National Geographic  
Aviation Week

Gorddry, C.  
Carroll, George

N.E.A.

Colton, F. B.  
Hotz, R.

N. Y. Times

Kleiner, R.

Assoc. Press

Stuart, J.

Strebis, J.

U. S. Air Forces

Air Force Headquarters

Adams, Maj. O. G.

Army Operations

Bassett, Col. <sup>U</sup>has. A.

Air Transport Command

Booth, Lt. <sup>U</sup>col. R. E.

Air Force Headquarters

Bunze, Major H. F.  
Burnside, Col. M. D.  
Cairns, Col. D. M.

Boeing Field

Darrow, Col. D. O.

Air Force Headquarters

Dawson, Lt. Col. W. S.  
Delbeau, Dr. D. E.  
Farrior, Major W. O.  
Fowler, Maj. O. F.  
Geary, R. T.

Strategic Air Command

Air Transport Command

Air Force Headquarters

Gilmore, J. H.  
Godard, Lt. W. R.  
Gregory, Col. H. F.

Air Transport Command

Hajek, R. R.  
Henry, Lt. <sup>C</sup>ol. S. W.

Air Force Headquarters

Hotman, Major W. A.  
Huber, Maj. E. J.  
Hughes, Col. John W.  
Keaton, R. D.  
Kelly, Lt. Col. R. L.

Air Proving Ground Command  
Eglin Field, Fla.

Jones, Lt. Paul  
King, Capt. F.

~~Air Transport Command~~

~~Lutkenhouse, Capt. H. E.~~

E. R. D. L.

McCrone, Lt. Col. W. P.

Air Force Headquarters

McCormick, Capt. R. E.  
McPherson, Lt. Col. C. C.

Air Proving Ground Command

McTigue, V. W.

Strategic Air Command

Moglemre, Major G. E.

Air Force Headquarters

Miller, Major. J. D.  
Murray, Col. J. E.

Chief of Staff Air Force

Partridge, Major Gen. E. E.

Air Force Headquarters

Patterson, Major R. A.  
Porter, Lt. Col. H. C.  
Rethorst, Scott

Boeing Field

Scott, P. W.

U. S. Air Forces

Air Force Headquarters  
Air Proving Ground  
Air Transport Command

Strategic Air Command

Air Force Headquarters

AMC Wright Field

Liaison - NACA

Sessums, Col. J. W.  
Stolle, Lt. Col. Richard  
Thomas, Major. C. H.

Tibbetts, Col. K. E.

Walker, Capt. W. A.

Rethman, Major V. C.  
Ahalt, C. A., Electronics Subdivision  
Allen, C. B.  
Allen, R. G., Analysis Div.  
Altman, R. W.  
Anderson, H. D., Propeller Lab.  
Antonatos, P., Aircraft Lab.  
Argabright E., Aircraft Lab.  
Ayers, L. F., Power Plants Lab.  
Bierman, C. H., Propeller Lab.  
Black, I. D., Analysis Div.  
Blom, Trygve, Engineering Liaison Sec.  
Bodemiller, K., Power Plants Lab.  
Bowen, J. D., Equipment Lab.  
Boyd, Col. A., Flight Test Div.  
Bridge, L. R., Power Plants Lab.  
Broadwell, Prof. J. E.  
Brown, A. S., Electronics Subdivision  
Brown, W. J., Power Plants Lab.  
Butman, Major P. M., Flight Test Div.  
Callahan, J. G. P., Equipment Lab.  
Chasman, B., Propeller Lab.  
Conrad, O. G.  
Coyle, J. B., Power Plants Lab.  
Culbertson, Col. A. J.  
Daley, Capt. D. H.  
Danielson, D. E., Analysis Div.  
DeRemer, J. E., Power Plants Lab.  
Diebold, V. D., Aero. Medical Lab.  
Dodge, Major J., Aircraft Lab.  
Downs, W. D., Power Plants Lab.  
Dunham, S. W.  
Dupay, Lt. A. N., Power Plants Lab.  
Eaton, W. G., Electronics Subdivision  
Ellis, J., Aircraft Lab.  
Fredricks, C., Aircraft Lab.  
Gedanic, G., Aircraft Lab.  
Getline, G., Aircraft Lab.  
Goodell, Major H. C.  
Green, M. C., Propeller Lab.  
Griffity, Lt. Col. H. A., Aircraft  
Projects Section  
Hoener, R.

AMC Wright Field

Hommel, R. W., Equipment Lab.  
Horner, Lt. Col. R., Flight Test Div.  
Hulbert, J., Aircraft Lab.  
Humphries, Lt. Col. B. W., Aircraft  
Projects Section  
Ingham, Lt. J. S., Aircraft Lab.  
James, E. M., Propeller Lab.  
Jacobs, H., Aircraft Lab.  
Jensen, Capt. L.  
Jones, Joe C., Engineering Liaison Sec.  
Jordon, R. L., Propeller Lab.  
Kennedy, R. R., Materials Lab.  
Kadel, E. A., Analysis Div.  
Keusch, R. B., Power Plants Lab.  
Keto, J. E., Electronics Subdivision  
Kinney, R. W., Power Plants Lab.  
Kirk, J. N.  
Klein, Col. P. B. Aircraft Proj. Sec.  
Kotcher, E.  
Kugel, W., Aircraft Lab.  
Larsen, Lt. H. C.  
Lasswell, E.  
Lenz, R., Aircraft Lab.  
Lower, R., Electronics Subdivision  
Magee, E. E., Equipment Lab.  
Martens, C. H., Analysis Div.  
Mason, Cmdr. M. W.  
Medeci, J., Aircraft Lab.  
Merrill, Lt. Col. C. T., Equipment Lab.  
Mony, Major A. J., Electronics Subdiv.  
Morgan, Brig. Gen. Wm.  
Morris, John B., Aero. Medical Lab.  
Nelson, A. M., Aircraft Lab.  
Oleksak, W., Aircraft Lab.  
Orazio, F.  
Petaja, A. E., Power Plants Lab.  
Rasmussen, R.  
Paul, Col. F. K., Flight Test Div.  
Ritland, Col. O. J., Aircraft Proj. Sec.  
Rosengarten, N. R., Flight Test Div.  
Ross, D. M., Power Plants Lab.  
Roy, R. E., Power Plants Lab.  
Savage, Lt. T. P., Analysis Div.  
Schell, Corp., Aircraft Lab.  
Seamans, Maj. C., Aircraft Lab.  
Sibilsky, L. H., Flight Test Div.  
Sietsma, S. J., Equipment Lab.  
Simmons, P. A., Propeller Lab.  
Smith, Col. G. F., Aircraft Proj. Sec.  
Sorenson, Brig. Gen. E. P.  
Tate, George F., Equipment Lab.  
Taylor, Henry, Aircraft Proj. Sec.  
Terpenny, G. E., Power Plants Lab.  
Schwartz, W.

AMC Wright Field

Theiss, Edward, Climatic Proj. Section  
Trenholm, J., Aircraft Lab.  
Valentine, C. L., Propeller Lab.  
Voedish, A., Analysis Div.  
Westerlund, W. V., Equipment Lab.  
Whittlesey, D. W., Propeller Lab.  
Williams, R. J.  
Wolfson, B., Aircraft Lab.  
Word, C. L., Propeller Lab.  
Worth, Weldon  
Zambon, L. B., Power Plant Lab.

U. S. Army

Ind. College of Armed Forces  
Aberdeen Proving Ground  
Ind. College of Armed Forces  
Air University,  
Maxwell Field, Alabama

Adams, Lt. Col. G. N.  
Chester, Col. G. A.  
Colby, Lt. Col. F. H.  
Drysdale, Major T.  
Eisenhart, Col. D. W.  
Ernst, Major S. E.  
Harris, Major W. H.  
Northrop, Col. G. S.  
Rutledge, J. D.  
Simon, Col. L. E.  
Stark, Lt. Col. W. R.  
Moyers, Col. F. N.  
Terrell, Col. F. R., Chief

Willis, Col. J. S.

U. S. Navy

Naval Av. News

Annapolis

Raytheon Mfg. Co.

Baker, Lt. Cmdr.  
English, Lt. Cmdr. D. M.  
Huff, Lt. Cmdr. W. H.

Kohler, H. L.

Krause, Cmdr. R. A.  
Leverett, T. H.

Pettigrew, Lt. T. S.  
Tucker, Lt. J. F., Jr.

Bureau of Aeronautics

Andre, P. L.  
Bahrman, Lt. Cmdr.  
Bartlett, P. M.  
Blanding, C. F.  
Boffola, F. P.  
Chapman, Lt. M. C.  
Clark, J. D.  
Clark, Lt. Cmdr. R. B.



U. S. Navy

Bureau of Aeronautics

Cocowitch, Lt. Cmdr. H. M.  
Collins, Lt. H. L.  
Cupp, H. L.  
Demiani, J. H.  
Dorsey, Maj. E. T.  
Durup, Lt. P. C.  
Fishow, M.  
Frisbie, W. Z.  
Gerath, Lt. J. A.  
Graffy, Lt. R.  
Hinds, B. W.  
Howe, Cmdr. F. N.  
Hurley, C. W.  
Hyatt, A.  
Kayten, G. G.  
Klein, E. L.  
Lancaster, O. E.  
Laurich, Lt. Cmdr. J. A.  
Maxwell, Lt. Cmdr. F. W.  
Micotti, A. D.  
Neighbours, Lt. Cmdr. J. W.  
Niskanen, W. W.  
Olcott, E. L.  
Perry, Lt. Cmdr. W. L.  
Robison, Lt. B. T.  
Rubinstein, B.  
Schaefer, Lt. W. W.  
Schroeder, Lt. Cmdr. H. M.  
Sims, Lt. Cmdr. J. H.  
Soli, Lt. Cmdr. O. A.  
Sorgen, C. C.  
Sweeney, Cmdr. W. E.  
Tatro, Major L. F.  
Terlizzi, P. M.  
Waite, H. R.  
Wood, Cmdr. J. R.

Bureau of Ships

Naval Air Station,  
Norfolk, Va.

Naval Air Station,  
Patuxent River, Md.

Munna, Capt. A. G.  
Simpson, Cmdr. R. T.

Bivans, C. A.  
Fairley, Lt. Cmdr.  
Neal, W. H.  
Seiler, Cmdr. D. A.  
Young, Lt. Cmdr. F.

Bauman, Lt. J. F.  
Brown, Lt. Cmdr. H. S., Jr.  
Doerflinger, Cmdr. C. R.  
Ellis, Cmdr. P. B.  
Genta, Lt. Cmdr. J. L.

Groves, Lt. Cmdr.

U. S. Navy

Naval Air Station

Greene, Lt. Cmdr. S.  
Halpin, Lt. Cmdr. P. D.  
Harshutz, Lt. Cmdr. E.  
Hyland, Cmdr. J. J.  
Jackson, Cmdr. P. W.  
Kibbe, Cmdr. R. L.  
McElroy, Lt. Cmdr. R. S.  
Morton, Lt. Cmdr. W. Y.  
Newell, Cmdr. J. H.  
Ours, Cmdr. S. R.  
Paulson, W. A.  
Randall, R. H.  
Royce, Rear Adm. D.  
Sundy, R. W.  
Tilton, L.

Bureau of Ordnance

Brown, Capt. B. F.  
Wolf, Lt. Cmdr. R. A.  
McCrackin, Cmdr. O. E.

Office Chief Ordnance

David Taylor Model Basin

Chambers, Cmdr. L. S.  
Wensinger, C. J.

Naval Air Materiel Center, Phila.

Bartlett, G. W.  
Dodge, Cmdr. S. H.  
Meagher, R.  
Monsell, J. R.  
Joyce, Rear Admiral D.

Office Chief Naval Operations

Allison, Cmdr. S. P.  
Dusenberg, A. B., Lt. Cmdr.  
Gallery, Rear Adm. Daniel V.  
Green, Capt. R. M.  
Schreiber, Lt. Cmdr. R. S.  
Shaw, G. Cmdr.  
Tomlinson, Rear Adm. W. G.

Naval Air Station, Experimental  
Johnsville, Pa.

Andrews, Lt. Cmdr. C. C.  
Cuccias, Lt. Cmdr. F. P.  
Ford, A. R.  
Lio, A.  
McCoy, Lt. Cmdr. D. E.  
Moyer, Lt. R. E.  
Holden, F. R.

Office of Naval Research

Bolster, Capt. C. M.  
Miller, Cmdr. H. L.  
Pasternak, J.  
Schmitt, F. J.  
Schoenhair, Cmdr. J. L.  
Slack, Cmdr. L. M.  
Wagner, Capt. E. O.

U. S. Navy

Bly, Cmdr. R. E.

Files  
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FIRST ANNUAL INSPECTION  
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS  
CLEVELAND LABORATORY

Attendance Third Day - October 10, 1947 -

Educational Institutions

Case Inst. Tech.	✓ Black, Dr. S. D. ✓ Tuve, Prof. G. L.
East Technical High School	- Loeffen, C. T.
Ga. School Tech.	- Bricker, Prof. E. J.
Iowa State College	- Sanford, Prof. C. N.
Parks College, St. Louis Univ.	- Beck, N. C.

Industry

Allis Chalmers Co.	- Case, A. H.
American Bridge Co.	- Harris, C. A.
Atlantic Automotive Co.	- AuWerter, Jay
Aluminum Company of America	- Daugherty, N. W. - Gardner, Geo. R. - Hunsicker, H. Y. - McCord, H. C. - Sicha, W. F. - Thornton, K. F.
Bendix Aviation Corp.	- Kuznitz, F. V. - Marcus, Chas. - Sylvander, R. C. - Tarter, H. G.
Bailey Meter Company	- Johnson, Clarence
Brush Development Company	- Williams, A. L.
Cleveland Chamber of Commerce	- Brown, A. H. - Franklin, B. T. - Gildersleeve, C. - Stahley, C. E.
Cleveland Junior Chamber of Commerce	- Hansen, Dick - Johnston, R.
Champion Rivet Company	- Connelly, D. S. - Champion, T. P.
Chrysler Corp.	- Ackerman, Paul - Pfeiffer, K.

Industry

Comm. Bank of Berea	Shalkhauser, H. E.
Cleveland Electric Illuminating Co.	Gottschalk, K. A. Hinton, R. C.
Cleveland Graphite Bronze Co.	Luetkemeyer, H. W.
Cleveland Hobbing Machine Company	Brown, Harvey
Cleveland Pneumatic Tool Company	Gazeley, R.
Consolidated Vultee Aircraft Corp.	Sebold, R. C.
Cleveland Worm and Gear	Acker, George H. Dingle, H.
Cuyahoga Iron Works	Auwerter, John T.
Douglas Aircraft Co.	Kleinhans, Schuyler Shogran, Ivar
Dravo Machinery Corp.	Hoffman, W. R.
Eastern Airlines	Ewald, A. D.
East Ohio Gas Company	Emmerling, K.
Erie Railroad	Woodruff, R. E.
Falk Corp.	Falk, L. W. Richardson, W. S. Schmitter, W. P.
Firestone Airc. Company	Firestone, R.
Firestone Tire & Rubber Co.	Karl, W. A.
Fredric Flader	Blanton, John Lakowitz, Frank
Firestone Airc. Company	Thomas, J. W. Waters, H. H.
General Electric Company	Blaisdell, L. T. Cramer, C. C. Frischertz, N. F. Mobarrey, R. C.
General Motors Company	Codrington, G. W.
Glove Machinery & Stamping Co.	Ardusi, Wallace
Goodyear Tire & Rubber Co.	Bell, C. O.

Industry

The Higbee Company	- Murphy, J. P.
A. M. Higley Company	- <del>Higley, A. M.</del> Sent Sub.
Holley Carburetor Co.	- Orr, William
Hughes Aircraft Co.	- Babberger, Carl
Hunkin-Conkey Construction Company	- Hunkin, S. E. - Hunkin, S. J. II
Intava Inc.	- Baxley, C. H.
International Aviation	- Burkhardt, B. A. - Greer, J. P. - Tucker, H. R. - White, T. H.
Lear, Inc.	- Bergelin, A. R. - Mock, R. M.
Lubri-Zol Corp.	- Clapp, Roger
Murray Ohio Company	- Hammon, C. W.
National Carbon Company	- Oliver, J. P.
Parker Appliance Company	- Bashark, N. - Taylor, S. B.
Pesco Products	- Wasielewski, E.
Phillips Petroleum Co.	- Britton, S. C.
Pittsburgh-Des Moines Steel Co.	- Jackson, J. E. - Sanderson, A. B. - Turner, G. A.
Pittsburgh Plate Glass Co.	- Downes, D. T.
Reaction Motors, Inc.	- Lawrence, Lovell
Republic Steel Co.	- Smith, E. C.
Sessions & Sessions	- Sessions, F. L. - Sessions, Paul S.
Simplex Piston Ring Mfg. Co.	- Anderton, W. J. - Thompson, R. C.
S. Morgan Smith Company	- Sharp <sup>c</sup> , R. E. B.

Industry

Sperry Gyroscope Co.

- Cetrone, U. C.  
- Wheeler, James W.

Standard Oil Development Co.

- Sweeney, Dr. Wm. J.

Standard Oil Company of Ohio

- Foster, C. T.  
- McConnell, E. B.  
- Sanders, F. J.

Stratos Corp.

- Moeller, Dale O.

Strong, Carlisle & Hammond Co.

- Dalgleish, J. E.

Thompson Products

- Angell, Pierce  
- Colwell, A. T.  
- Oviatt, S. A.

Toledo Scale Company

- Hen, Dr. H. O.

Trundle Engr.

- Trundle, G. T. Jr.

Union Bank of Commerce

- Thompson, J. K.

U. S. Air Conditioning Corp.

- Snider, Wm.

Warner & Swasey Co.

- Seely, Warner

Weldon Tool Company

- Bergstrom, Carl A.

S. K. Wellman Company

- Canfield, W. E.  
- Cox, C. T.  
- Hodge, Dr. J. C.  
- LaFrance, R.  
- Wellman, S. K.  
- White, Frank

Westinghouse Electric Corp.

- Owsley, L. G.

White Motor Co.

- Cass, Robert  
- Scragg, George

Willys-Overland Motors

- Moore, Norton B.

Government

Cleveland Airport Commission  
City of Cleveland

- Berry, Major John

City of Cleveland - Law Department

- Brown, Willard

Civil Aeronautics Administration

- Morse, John C.  
- Vest, G. W.  
- Young, Hon C.

Government

U. S. Coast Guard

- Coombs, Capt. R. E.

U. S. Marine Hospital

- Holt, Dr. R. B.

U. S. Treasury

- Reynar, J. W.

U. S. Weather Bureau

- Andrus, C. George

- Rogers, C. C.

- Sanford, H. A.

NACA - Langley Field

- Dearborn, Clinton H.

- Hernstein, W. H.

- Johnson, W. Kemble

NACA - Washington

- Bowling, M. E.

- Chamberlin, E. H.

- Chaney, Ernest

- Conover, Ruth A.

- Cushman, Ralph E.

- Dembling, Paul G.

- Gamble, Allen O.

- Gingras, Helene M.

- Havens, Marjory V.

- Harris, C. Blanche

- Hootman, Dr. Jas. A.

- Johnston, Mrs. A. M.

- Klein, Martha L.

- Kerlin, Mrs. V. M.

- Kelly, James J. Jr.

- Lacklen, Robert J.

- Macutchen, Edw. T.

- Muller, Margaret M.

- Neill, T. T.

- Scott, Ruth

- Shea, William M.

- Shaw, William V.

- Smith, Mrs. Helen L.

- Thompson, Wm. M.

- Ulmer, Ralph E.

- Ward, Mateel A.

- Victory, John F.

- Yates, Charles R.

- Wheeler, Catherine

Press

Newspaper Enterprise Assn.

- Kleiner, D.

U. S. Air Force

U. S. Air Force  
Selfridge Field, Mich.

- Smith, Major D. F.

- Carter, Maj. R. J.

Wright Field

- Dickey, A.

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National Air Races

O'Toole, F. P.

No Connection Given

Corbitt, W. W.

No Connection Given

Crampton, A. B.

*Callis Chalmers*

~~No Connection Given~~

Jarman, John



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FIRST ANNUAL INSPECTION  
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS  
CLEVELAND LABORATORY

Invited Third Day - October 10, 1947 - Did Not Attend

Addressograph-Multigraph Corp.	✓ Brainerd, George C.
Aircraft Fitting Co.	✓ Bigelow, Arth L.
Air-Maze Corp.	✓ Schaaf, Albert E.
Airesearch Mfg. Co.	✓ Bellande, E.
Akron Municipal Airport	✓ Fulton, B. E.
Aluminum Co. of America	✓ Erskine, Harold C.
American Bridge Co.	✓ McDaniel, F. K. ✓ Obbard, Norman B.
American Fork and Hoe	✓ Fifield, A. F.
American Steel and Wire Co.	✓ Hood, C. F. ✓ Francis, H. M. ✓ Myers, C. W.
American Airlines	✓ Malboef, F. G.
Atlantic and Pacific Food Stores	✓ Donohoe, J. P.
Austin Company	✓ Bryant, George A.
Bailey Meter Co.	✓ Coffin, R. S.
Bendix Aviation Corp.	✓ Hyland, L. A. ✓ Lansing, R. P.
Alva and C. L. Bradley Company	✓ Bradley, Alva
Burdett Oxygen	✓ Loveman, Wm. H.
Capital Airlines	✓ Miller, C. J.
Central National Bank	✓ Gelblock, L. ✓ McHannan, John C.
C&O RR	✓ Browne, K. A. ✓ Young, Robert R.
Cleveland Chamber of Commerce	✓ Beam, Walter I. ✓ Hill, Parker ✓ Schultz, Joseph

Jr. Chamber of Commerce	✓ Gilman, Richard G.
	✓ Hansen, Larry
	✓ McLean, Dwight E.
Chrysler Corp.	✓ Zeder, J. C.
Cleveland Auto Club	✓ Young, John L.
Cleveland Builders Supply Co.	✓ Rossiter, Wm. T.
Chase Brass and Copper Co., Inc.	✓ Husted, Wallace C.
Cleveland Diesel Engine Div., GMC	✓ Keel, K. O.
Cleveland Electric Illuminating Co.	✓ Lindseth, Elmer L.
Cleveland Graphite Bronze Co.	✓ Hopkins, B. F.
	✓ Myers, J. L.
Cleveland Pneumatic Tool Co.	✓ Schott, Harold
Cleveland Trust Company	✓ Barker, E.
	✓ Frieberger, I. F.
	✓ Gund, George
Cleveland Twist Drill	✓ Cox, J. D.
Continental Motors Corp.	✓ Altman, Peter
Corning Glass Co.	✓ Littleton, J. T.
Diebold Safe Inc.	✓ Ness, Eliot
Dill Mfg. Co.	✓ Williamson, A. P.
East Ohio Gas Co.	✓ Robinson, J. French
Eaton Mfg. Co.	✓ Eaton, Joseph O.
Sam W. Emerson Co.	✓ Emerson, Sam W.
Ernst and Ernst	✓ Ernst, A. C.
	✓ Raymond, H. J.
Fairchild Camera and Instrument Co.	✓ Moore, D. W.
Federal Reserve Bank	✓ Laning, A. H.
	✓ Gidney, Ray M.
Ferro Enamel Corp.	✓ Weaver, R. A.
Firestone Tire and Rubber Co.	✓ Firestone, Harvey S., Jr.

Fisher Bros. Co.	✓ Fisher, Ellwood H.
Ford Motor Co.	✓ Youngren, H. R.
Gabriel Company	✓ Beecher, E. L.
	✓ Briggs, John H.
	✓ Finneburgh, Mr
	✓ Kieber, Wm. <i>attended</i>
	✓ Klein, L. W.
	✓ Samuelson, L. J.
General Electric (Nela Park)	✓ Sloan, M. L.
General Motors Corp.	✓ Fike, C. H.
General Tire and Rubber Co.	✓ O'Neil, C. J.
Goodyear Tire and Rubber Co.	✓ Thomas, Dr. Edwin J.
Glidden Co.	✓ Joyce, Adrian D.
	✓ Joyce, Dwight P.
Globe Machinery and Stamping Co.	✓ Geddes, Ralph S.
Grasselli Chemicals Dept.	✓ Purrenhage, Irving C.
Halle Bros, Co.	✓ Halle, Samuel H.
Hamilton Standard Propellers, United Aircraft Corp.	✓ Kearns, Chas. M.
M. A. Hanna Co.	✓ Humphrey, Geo. M.
A. W. Hecker Co.	✓ Hecker, A. W.
Higbee Company	✓ Fleeer, P.
	✓ Merryfield, George
Hornblower and Weeks, Stockbrokers	✓ Brown, P. W.
Industrial Rayon Corp.	✓ Rivitz, Hiram S.
Jack and Heintz Precision Industries	✓ Foy, Baron
	✓ Heintz, Ralph
Kroger Co.	✓ Metzger, A. W.
Kilbey Mfg. Co.	✓ Nierath, John C.
Lamson and Sessions Co.	✓ Case, G. S.

Lear, Inc.

✓ Dabbs, LeMoyns  
✓ Goodyear, Robert L. 10/8  
✓ Lear, Wm. P.) invited 10/8

Leece-Neville Co.

✓ Leece, B. M.

Marquardt Aircraft Co.

✓ Fisher, Robert attended 10/8  
✓ Getz, Richard

May Company

✓ Dauby, N. L.

Midland Steel

✓ Kulas, E. J.

Minneapolis Honeywell Regulator Co.

✓ Hoch, R. G. att 10/8

National Acme Co.

✓ Chapin, F. H.

National City Bank of Cleveland

✓ Congdon, Sidney B.

Nickel Plate RR

✓ Davis, J. W.

Northrup Aircraft Inc.

✓ Krieger, S. A.

Osborne Mfg. Co.

✓ Smith, F. G.

Owens-Illinois Glass Co.

✓ Alexander, H. M.

Ohio Bell Telephone Co.

✓ Eide, Randolph

Ohio Crankshaft Co.

✓ Dunn, W. C.

Packard Aircraft Engine Div.,  
Packard Motor Car Company

✓ Ware, Marsden

Pan American Airways Systems

✓ Ingalls, Capt. David S.

Penton Publishing Co.

✓ Shamer, Earl S.

Perfection Stove Co.

✓ Chadwick, L. S.

Piasecki Helicopter Corp.

✓ Daland, Elliott

✓ Piasecki, F. N.

Pickands Mather Co.

✓ Hoyt, Elton II

✓ Sherwin, John

Pesco Products

✓ Minshall, R. J.

Pittsburgh Plate Glass

✓ Babcock, M. G.

Republic Steel Co.	✓ Gillies, Donald B.
	✓ Girdler, Tom W.
	✓ Patton, Tom
	✓ White, Charles M.
Reliance Electric Co.	✓ Collens, Clarence L.
	✓ Cory, J. W.
Richman Bros. Co.	✓ Lewman, F. C.
Sears, Roebuck and Co.	✓ Griffin, J. C.
Second Federal Savings and Loan	✓ Greve, C. W.
Sherwin Williams Co.	✓ Steudel, A. W.
Simplex Products Corp.	✓ Ferguson, Fred G.
S. Morgan Smith Co.	✓ McCormick, D. J.
	✓ Smith, Beecham
Society for Savings Bank	✓ France, Mervin B.
Sperry Gyroscope Co., Inc.	✓ Harris, Herbert
Standard Oil Co. of Ohio	✓ Holiday, W. T.
	✓ Bradley, R. F.
	✓ Hanley, W. V.
Steel Improvement Forge Co.	✓ Smith, C. H., Jr.
Stouffer Corp.	✓ Stouffer, Vernon
Wm. Taylor and Sons Co.	✓ Strong, Charles H.
Thompson Products Inc.	✓ Cummings, R. E.
	✓ Livingston, Ray
	✓ Messner, A. D.
	✓ Wright, J. D.
Timken Roller Bearing Co.	✓ Timken, Henry H.
Tinnerman Products	✓ Tinnerman, George A.
Trans World Airlines	✓ Matthews, C. R.
Turner Aero Corp.	✓ Turner, Roscoe

United Airlines

✓ Logan, Gordon

Valley Camp Coal Co.

✓ McGeorge, D. H.

Warner and Swasey Co.

✓ Stilwell, Charles J.

Weatherhead Co.

✓ Weatherhead, A. J., Jr.

Wellman Engineering Co.

✓ Gibson, A. E.

S. K. Wellman Co.

✓ White, F. F.

Westinghouse Electric Corp.

✓ Cody, C. S.  
✓ Hickling, F. G.

White Motor Co.

✓ Black, Robert F.  
✓ Lindblon, C. D.

White Sewing Machine Company

✓ Rogers, A. S.

Willard Storage Battery Co.

✓ Murray, Claude E.

Yellow Cab Co.

✓ Smith, Jesse T.

*files* Total-275

FIRST ANNUAL INSPECTION  
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS  
CLEVELAND LABORATORY

Attendance First Day - October 8, 1947 - Industry

Associations, Institutions, Societies

Aircraft Industries Assoc. of America, Inc.	J. H. Sidebottom
The Franklin Institute Laboratory for Research and Development	Ralph M. McClarren, Dir. Electronics Max W. Berg, Research Engineer
The Institute of the Aeronautical Sciences	Bennett H. Horschler, Ex. Vice Pres. Robert R. Dexter
Society of Automotive Engineers, Inc.	M. LeRoy Stoner
Manufacturers Aircraft Association, Inc.	J. F. Murbach

Educational Institutions

Case Institute of Technology	Prof. Elmer Hutchisson, Dean Dr. George Sachs
Cornell University	J.M. Wild
University of Delaware	Prof. A. P. Colburn
Georgia School of Technology	Gerald A. Rosselot, Director
Massachusetts Institute of Technology	Prof. Glenn C. Williams (Combustion Subcomm.)
University of Michigan	Prof. Wilbur C. Nelson John W. Leucht
Polytechnic Institute of Brooklyn	Dr. R. P. Harrington
Princeton University	Prof. Nikolsky, Dept. Aero. Eng'g
Rensselaer Polytechnic Institute	Dr. P. E. Hemke, Head, Dept. of Engineering Albert L. de Graffenried, Dept. of Aero. Eng.
Stevens Institute of Technology	W. C. Hugli, Jr. B. V. Korvin-Kroukovsky
University of Illinois	, W. N. Findley
University of Notre Dame	Prof. Paul A. Beck

Government

Research and Development Board

Civil Aeronautics Administration

Department of Commerce

National Bureau of Standards

National Advisory Committee for Aeronautics,  
Washington, D. C.

Langley Field, Va.

NACA - Committees and Subcommittees

Commerce Dept.

American Airlines, Inc.

Bureau of Aeronautics, Navy

Bureau of Aeronautics

AF, AMC

NBS

Chance Vought United Aircraft

Dr. A. J. Kellerman

J. E. Boudwin

Allan E. Morse, Ch. Airc. Devel. Div.  
Omer Welling

Hon. W. A. M. Burden (Former NACA  
Committee Member)

Hon. W. N. Findley

Col. G. E. Williamson

M. D. Burdick, Ceramic Eng.

W. N. Harrison, Ch. Enamelled  
Metals Section.

Dr. G. B. Schubauer, Aerodynamics  
Section.

Ames, Milton B., Jr.

John W. Crowley

Dr. Hugh L. Dryden

Robert E. Littell

Robinson, Russell G.

Addison M. Rothrock

Lester Simon

Thomas L. E. Smull

Jerome Teplitz

John F. Victory

Clotaire Wood

Dr. Henry J. E. Reid

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Member.

Wm. Littlewood, NACA Committee  
Member.

Rear Adm. T. C. Lomquest, NACA  
Committee Member.

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Member.

High-Speed Aerodynamics Subcommittee  
Member.

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Aerodynamics Committee Member.

Dr. Gordon M. Kline, Aircraft  
Construction Committee Member.  
Non-Metallic Airc. Mat'l. Sub-  
Committee Member.

Paul S. Baker, Aerodynamics  
Committee Member.



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USNR, Bureau of Aeronautics

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Aircraft Construction Committee  
Member.

USNR, Bureau of Aeronautics

Cmdr. C. W. Stirling,  
Aircraft Construction Committee  
Member.

Aluminum Company of America

R. L. Templin, Structural Design  
Subcommittee Member,  
Aircraft Construction Committee  
Member.

Carnegie-Illinois Steel Corp.

Paul F. Voigt, Jr., Aircraft Metals  
Subcommittee Member,  
Aircraft Construction Committee  
Member.

CAA

Albert A. Vollmecke, Seaplanes  
Subcommittee Member,  
Aircraft Construction Committee  
Member.

CAA

Jerome Lederer, Operating Problems  
Subcommittee Member.

Bureau of Aeronautics, Navy

W. G. Mentzer, Operating Problems  
Subcommittee Member.

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Capt. John L. Ewing, Jr., Power  
Plants Committee Member.

Ford Motor Company

A. G. Herreshoff, Power Plants  
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American Overseas Airlines, Inc.

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CAA

Wm. C. Lawrence, Power Plants  
Committee Member.

Bureau of Aeronautics, Navy

Stephen Rolle, Power Plants Committee  
Member.

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Capt. Delmar S. Fahrney, Spec. Comm.  
on Self-Propelled Guided Missiles.

Edward H. Dix, Jr., Aircraft Metals  
Subcommittee Member.

NACA - Committees and Subcommittees

De Laval Steam Turbine Company

Pratt & Whitney - United Aircraft Co.

NBS

AF, AMU

Westinghouse Elec. Corp.

Pratt & Whitney, United Aircraft Co.

Westinghouse Elec. Corp.

Bureau of Aeronautics, Navy

B. F. Goodrich Co.

Westinghouse Electric Corp.

Bureau of Aeronautics, Navy

Standard Oil Company

GAA

Ethyl Corp.

General Electric Co.

Union Carbide & Carbon Res. Lab.

Bureau of Aeronautics, Navy

AF, AMU

Rudolph Birmann, Combustion Subcommittee Member.

Edmund D. Brown, Combustion Subcommittee Member.

Dr. Ernest F. Flock, Combustion Subcommittee Member.

G. L. Wander, Combustion Subcommittee Member.

Dr. Stuart Way, Combustion Subcommittee Member.

Walter Doll, Compressors Subcommittee member.

A. H. Redding, Compressors Subcommittee Member.

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D. P. Barnard, Fuels & Lubes Subcommittee Member.

Kenneth S. Cullom, Fuels & Lubes Subcommittee Member.

S. D. Heron, Fuels & Lubes Subcommittee Member.

W. L. Badger, Heat Resist. Mat'ls. Subcommittee Member.

Russell Franks, Heat Resist. Mat'ls. Subcommittee Member.

Lt. Cmdr. Chas. C. Hoffman, Heat Resist. Mat'ls. Subcommittee Member.

J. B. Johnson, Heat Resist. Mat'ls. Subcommittee Member.

NACA - Committees and Subcommittees

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University of Michigan

Cincinnati Milling & Grinding Machines  
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Gulf Res. & Development Company

General Motors Corp.

General Motors Corp.

United Aircraft Corp.

Bureau of Aeronautics, Navy

Pratt & Whitney United Aircraft Co.

Cornell Aero. Lab.

Grumman Aircraft Engr. Company

University of Michigan

Wright Aero. Corp.

AF, AMC

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Subcommittee Member.

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Subcommittee Member.

R. H. Prewitt, Helicopters  
Subcommittee Member.

R. H. Kent, High-Speed Aerod.  
Subcommittee Member.

Mark V. Morkovin, Hi-Speed Aerod.  
Subcommittee Member.

R. R. Seegar, High-Speed Aerod.  
Subcommittee Member.

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Subcommittee Member.

Morris Muskat, Lubr. Fric. & Wear  
Subcommittee Member.

Arthur F. Underwood, Lubr. Fric. &  
Wear Subcommittee Member.

Werner J. Blanchard, Propellers  
Subcommittee Member.

Frank W. Caldwell, Propellers  
Subcommittee Member.

Gerald L. Desmond, Propellers  
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Subcommittee Member.

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Chas. Tilgner, Jr. Stability &  
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Lt. Col. Paul F. Nay, Turbines  
Subcommittee Member.

NACA - Committees and Subcommittees

AF, AMC

M. I. T.

Individuals

Bankers Trust Company

Room 5600, Rockefeller Plaza

Industry

Aerojet Engineering Corp.

All American Aviation, Inc.

~~Aerojet Engineering Corp.~~

Aeromatic Aircraft Propellers, L  
Koppers Co., Inc.

AiResearch Mfg. Corp.

Aluminum Co. of America

Allis-Chalmers Mfg. Co.

American Magnesium Corp.

Lycoming Div., AVCO Mfg. Corp.

L.B.S. Wasserman, Vibration and  
Flutter Subcommittee Member.  
Prof. E.S. Taylor (Power Plants)

Col. Chas. A. Lindbergh

Carl Mueller

Harper Woodward

Dr. Willard P. Berggren  
~~Wm. L. Gore~~

Robert B. Cotton, Ch. Eng.

~~Wm. L. Gore, Wash. Rep.~~

P. F. Hackethal

G. W. McEntire, Engr. Rep.

R. P. Goodwin  
Ned O. Kraft

Sterling Beckwith, Engr.-in-Ch.,  
Res. Sec. A-C Design, Elect. Dept.  
M. L. Carson, Mgr. Blower & Cond.  
Dept.

Fred Mackey, Gen. Wks. Mgr., Gen.  
Mach. Div.

H. J. Welch, Engr. Blower & Cond.  
Dept.

J. M. White, V.P. in chg. of Mfg.  
Gen. Mach. Div.

R. G. Anderson, Mgr. of Stress Anal.  
Lab.

E. V. Blackman, Ch. Met. Cleve.  
Foundry Div.

Wiser Brown, V. Pres.

P. B. Jackson, Eng. of Devel. Div.

Frank Jardine, Mgr. Devel. Div.

J. M. Smith, Mgr. of Eng. Testing  
Lab.

Dr. Kent Van Horn, Mgr. Res. Dept.

G. D. Welty, Prod. Mgr. of Forgings

E. J. Willis, Eng. Airc. Appl.

R. T. Wood, Ch. Met. Amer. Mag.

R. E. Posthauer, Sales Mgr.

C. H. Wiegman, Ch. Engr.

Industry

Bell Aircraft Corp.

Chas. L. Fay, Asst. Ch. to Eng.  
R. J. Sandstrom, Ch. Tech. Serv.  
Robt. M. Stanley, V. Pres. - Eng.  
Robt. A. Wolf, Power Plant Engr.

Bendix Helicopter Ins.

F. N. Jansen, Ex. V. P.  
J. A. Johnson, Ex. Eng.

Boeing Aircraft Co.

Clifford E. Roberts, Rep. Eng'g.  
and Sales.

Edward G. Budd Mfg. Company

C. E. Meissner, Wash. Rep.

Chance Vought Aircraft

J. M. Shoemaker, Ch. Engr.

Chrysler Corp.

D. M. Borden, Staff Engr. Res.  
T. C. Gleason, Lab. Supervising Engr.  
G. J. Huebner, Jr. Ch. Engr. of Res.  
A. G. Staley, Staff Engr. Res.

Cleveland Pneumatic Tool Co.

E. W. Cleveland

Consolidated Vultee Airc. Corp.

Dr. A. E. Lombard, Jr. Engr.  
Consultant.

Continental Motors Corp.

C. F. Backle, V. Pres. in Chg. of Res.  
J. W. Kinnucan, V. Pres. in Chg. of  
Airc. Prod.

Curtiss Wright Corp.

R. Chilton, Cons. Engr. Wood Ridge  
L. H. Enos, Asst. Ch. Engr.  
Caldwell, N. J.  
H. J. Knell, Plant Eng'g. Mgr.  
V. McCabe, Engr. in chg. of test  
Equip. and fac. Wood Ridge, N. J.  
G. C. Rodgers, Mfr. Rocket Prop.  
F. B. Stulen

Douglas Aircraft Co.

Milton Clauser, Dr. El Segundo, Cal.  
Carl W. Chambers,

Edo Airc. Corp.

Earl D. Osborn, Pres.  
Wm R. Ryan, Dir. of Eng'g.

Engineering & Research Corp.

Henry A. Berliner

Eastern Air Lines, Inc.

Maj. Jos. J. George

Fairchild Engine & Airplane Co.

Myron B. Gordon, V. Pres.  
R. C. Palmer  
F. Spenceley

Farrell Birmingham Company

A. G. Kessler, Vice-Pres.

Industry

Fredric Flader

Fredric Flader, Gen. Mgr.  
Peter Tauson, Ch. Engr.

General Motors Corp., Aeroproducts Div.

R. R. LaMotte, Asst. Ch. Eng.  
W. O. Watson, Ch. Installation Engr.  
C. J. McDowell, Ch. Devel. Engr.

General Tire and Rubber Co.

R. Iredell  
H. Roy  
W. A. Wright

B. F. Goodrich Co.

R. T. Barbera, Sales Engr.  
J. S. Pedler, Mgr. Aero. Div.  
H. F. Schippel, Mgr. Aero. Sec.  
Field Eng. Dep. Tire Div.  
J. H. Seaton, Mgr. Aero. Mfg. Div.  
C. S. Stebbins, Mgr. Aero. Tech. Div.

Goodyear Aircraft Corp.

W. Barker  
D. A. Beck, Mgr. Basic Des.  
Robt. Mayne, Aerophysics Dept.  
Mosebach, W. G. E. Mgr. Heavier  
than Air Des.  
C. J. Pommig, Mgr. Res. & Devel.  
Dr. H. Sheets, Ch. Thermo.

Grumman Aircraft Eng. Corp.

O. Erlandsen  
R. W. Kahn

Hartzell Industries, Inc.

David Bierman  
Robert N. Hartzell, President

The Jam Handy Org.

Grant Harris, Avia. Prod. Dir.  
Robert Haynes, Avia. Consultant

Kaiser Fleetwings, Inc.

de Ganahl, Carl, Dir. Eng. & Res.

Kearfoot Co., Inc.

Fred D. Herbert Jr.  
Donald W. Smith

Lord Mfg. Company

B. W. Campbell, Sr. Test Engr.  
R. C. Henshaw, Ch. Prod. Engr.  
Thos. Lord, President  
L. Wallerstein, Jr. Eng. Res. Supt.  
S. J. Zand, V. Pres. in Chg. of Eng.

McDonnell Aircraft Corp.

A. G. Ballauer, Helic. & Jet Prop.  
Res. Div.  
Frank H. Erdman,  
Dr. Max Scherberg, Helic. & Jet Prop.  
Res. Div.

Manufacturers Machine & Tool Inc.

H. Blanton Umlauf, Spec. Rep.

Industry

Marquardt Aircraft

Glenn L. Martin Company

Midwest Research Institute

Minneapolis-Honeywell Co.

Niles-Bement-Pont Company

North American Aviation

Northrop Aircraft Inc.

Northwest Airlines, Inc.

Packard Aircraft Engine Div.

Republic Aviation Corp.

Ranger Aircraft Div. - Fairchild Engine &amp; Airp. Corp.

Rheem Mfg. Company

Serve Corp. of America

Shell Oil Company

Sikorsky Aircraft, United Aircraft Corp.

Simmonds Aerocessories, Inc.

Socony-Vacuum Oil Company, Inc.

Robert Fisher

R. W. Schroeder, Ch. of Power  
Plants Des. Sec.

M. Golend

J. M. Brandt  
Ralph Gilbertson, Proj. Engr. Jet.  
Eng'g Controls.

T. V. Grove

R. G. Hoch

Robert Kutzler, Ch. Engr. of Aero.  
Prod.W. J. McColderick, V-Pres. in chg.  
of Eng'g.

M. E. Chandler, Mgr. Eng'g &amp; Res.

W. H. Hand

Ed. Schmued, Asst. Ch. Engr. in  
Chg. of Design.Arthur J. Phelan, Ch. of Power  
Plants Research.

Goodwin Luck

Arthur Nutt, Dir. & Mgr. Toledo  
Aero. Eng. Div.

R. M. Williams, Ch. Engr.

R. G. Bowman, Ch. Des. Engr.

A. Kartveli, V-Pres. Ch. Engr.

G. F. Chapline, Gen. Mgr.

C. C. DePew

F. E. Newbold, Jr. Asst. Eng. Oper.  
Mgr.

S. G. Nordlinger

John Slocum

F. N. Platt, Asst. to Ch. Proj. Eng.

Henry Blackstone, President  
Charles A. Piper, Staff Eng.

R. T. Goodwin

Eugene M. Gluhareff

Geo. Allen

J. F. Gagel

Howard Holmes

R. E. Albright

Industry

Solar Aircraft Company

Franklin Hatch, Consulting Engr.  
New York City.  
Edmund T. Price, President  
Samuel J. Zeigler, Res. Ch. Engr.  
Des Moines, Iowa

Standard Oil Company of Indiana

Dr. R. C. Gunnes  
Dr. T. H. Rogers

Stewart-Warner Corp.

George E. Coxon, Engr. in Chg. of  
Automotive & Airo. Insts.  
George S. Pfeiffer

Transcontinental & Western Air, Inc.

R. A. Walker, Dir. Airo. Eng.

Westinghouse Electric Corp.

Durkin, William  
Wells, R. L.

United Aircraft Corp.

Richard S. Buck

United Air Lines Inc.

R. D. Kelly, Sup. of Eng. Devel.

Pratt & Whitney Division, United Aircraft Corp.

G. N. Cole, Eng. Dept.  
Charles W. Deeds, Pres.  
W. D. Grove, Eng. Dept.  
A. H. Marshall, Asst. Sales Mgr.  
W. A. Parkins, Engr. Mgr.  
A. E. Smith, Asst. Ch. Engr.  
Swigert,  
Ch. Install. Test Opr.  
Tillinghast, T. E., Sales Mgr.

West Coast Engineering

Bruce Smith, President

Press

Detroit News

Robert Bell

Cleveland Plain Dealer

J. D. Hartshorne

Cleveland News

Wallace Katz

Cleveland Press

Chas. Tracy

U.S. Air Force Headquarters

Air Force Hqrs. Div. Res. & Dev.  
Wright Field

Major Gen. L. C. Craigie  
E. Barton Bell  
W. D. Dodd  
Lt. A. M. Hall  
H. T. Johnson  
D. Shore



U. S. Air Force

Air University, Maxwell Field, Ala.

Major D. J. Ludden  
Lt. Col. W. A. Sheppard

U. S. Navy

Naval Air Missile Test Center

J. M. Allison

USN

Lt. Comdr. J. G. Baker  
Comm. G. C. Bullard  
Lt. N. N. Langford  
Rear Adm. L. B. Richardson  
Admiral R. F. Whitehead

Bureau of Aeronautics

Comdr. J. T. Blackburn  
Capt. W. S. Diehl, BuAero. Res.  
Liaison Asst.  
G. S. Fliedner  
Lieut. S. W. Kerkering, BuAer. VF  
Design Br.  
Comdr. A. B. Metzger, BuAer. VF  
Design Br.  
M. Schuldenfrei, BuAer. Design  
Elements Div.

*File*

312.14

Cleveland, Ohio

SEP 8 1947

✓ 453669

From Cleveland  
To NACA

Attention: Mr. Victory.

Subject: Cleveland Laboratory Annual Inspection.

1. Transmitted herewith is invitation list for the Annual Inspection.

2. The number shown before the names on the list, indicates the code number of invitation letter to be sent in accordance with samples furnished by Mr. Victory while in Cleveland.

3. If it is desired to separate this group for the first and second days, the asterisk before certain names indicates that they should be invited for the first day, the balance, for the second day.

EDWARD R. SHARP

Edward R. Sharp,  
Director.

MLG:aca  
Enc\*

*12 bk 1621  
copies of list + copy of ltr to Travel files - to be held as working file*

INVITATION LIST FOR ANNUAL INSPECTION  
NACA-CLEVELAND LABORATORY  
October 8-9, 1947

PUBLIC OFFICIALS

(4) \*City of Cleveland, City Hall, Cleveland, Ohio

Honorable Thomas A. Burke, Mayor

Lee Howley

Law Director

Major John Berry

Commissioner, Municipal Airport

George W. Hamlin

Water Commissioner

William A. Stinchcomb

Director, Metropolitan Park Board

Samuel F. David

Director, Service Department

(4) \*County of Cuyahoga, Court House, Cleveland, Ohio

Joseph F. Gorman, President, County Commissioners

John F. Curry, County Commissioner

John J. Pekarek, County Commissioner

(4) \*State of Ohio, Columbus, Ohio

Honorable Thomas J. Herbert

Governor

C. E. A. Brown

Director of Aviation, Ohio Aviation Board  
502 Wyandotte Building, Columbus, Ohio

Honorable Robert A. Taft

Senate Office Building, Washington, D. C.

Honorable John Bricker

Senate Office Building, Washington, D.C.

Honorable George H. Bender

Congressman, 530 Williamson Building, Cleve.

Honorable Frances P. Bolton

" Hanna Building, Cleve.

Honorable Michael A. Feighan

" Guardian Building, Cleve.

Honorable Robert Crosser

" 10311 Ramona Ave., Cleve.

(4) EDUCATIONAL INSTITUTIONS

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Warner Observatory, Case Institute of Technology	Dr. Jason J. Nassau
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West Technical High School Cleveland, Ohio	G. C. Tuck, Principal
East Technical High School Cleveland, Ohio	Barnett W. Taylor, Principal
City of Lakewood Board of Education, Lakewood, Ohio	S. S. Dickey, Acting Supt. of Schools
Lakewood High School Lakewood, Ohio	Dr. L. E. Vredevoe, Principal
Western Reserve University Cleveland, Ohio	Dr. W. G. Leutner, President
Fenn College Cleveland, Ohio	Dr. C. V. Thomas

(4) PRESS

Cleveland Plain Dealer  
Cleveland, Ohio

Cleveland Daily News  
Cleveland, Ohio

Cleveland Press  
Cleveland, Ohio

\*Paul Bellamy, Editor  
\*James D. Hartshorne, Aviation Editor

\*Nat R. Howard, Editor  
\*Ralph H. Platt, Aviation Editor  
\*Wallace Katz

\*Louis B. Seltzer, Editor  
\*David Diets, Science Editor  
\*C. Tracy, Aviation Editor

(4) BROADCASTING COMPANIES

United Broadcasting Company  
Terminal Tower, Cleveland, Ohio

National Broadcasting Co., Inc.  
NBC Building, Cleveland

Station WJW, 1375 Euclid Avenue  
Cleveland, Ohio

WGAR Broadcasting Company  
Hotel Statler, Cleveland

Station WJMO  
Cleveland, Ohio

Station WKK  
Terminal Tower, Cleveland, Ohio

H. K. Carpenter, Executive Vice President

Vernon H. Pribble, Gen. Mgr.

William M. O'Neil, Pres.-Gen. Mgr.

John F. Patt, Vice Pres-Gen. Mgr.

David Baylor, General Manager

Kenneth Hackathorn, Manager

(4) ARMY

4163rd AAFBU  
Cleveland Airport  
Cleveland, Ohio

Colonel Charles A. Bassett

NACA Liaison Office  
Cleveland Airport  
Cleveland, Ohio

Major E. V. Rethman

General William Kepner  
Scott Field,  
Belleville, Illinois

U.S. NAVY

Admiral Whitehead  
Hampton Roads, Virginia

(See Mr. Victory for address)

U.S. COAST GUARD

Ninth District, Cleveland

Commodore J. A. Hirshfield

U.S. NATIONAL GUARD

c/o Gordon Macklin, Inc.  
NBC Building, Cleveland

Brigadier General Cecil B. Whitcomb

(4) AIRLINES (local representatives)

Capital Airlines Engineers Bldg., Cleveland	G. J. Miller, Manager
Eastern Airlines 511 Union Commerce Bldg., Cleve.	A. D. Ewald, Mgr.
United Airlines 12th & Euclid, Cleveland	Gordon Logan, Manager
Trans World Airlines Union Commerce Bldg., Cleve.	G. R. Matthews, District Manager
American Airlines Union Commerce Bldg., Cleve.	F. G. Malboef, Sales Manager

(4) HOTELS

Hotel Cleveland, Public Square, Cleve.	Leville Pierce, Manager
Hotel Carter Prospect & East 9th, Cleve.	Allen James Lowe, Managing Director
Hotel Statler 12th & Euclid Ave., Cleve.	J. R. McSoley, Manager
Lake Shore Hotel 12506 Edgewater Drive, Cleve.	A. Schmidt, Manager
Westlake Hotel Blount Street, near Rocky River, Ohio	Lee Perry, Manager
Hotel Hollenden 610 Superior Ave., Cleve.	Robert Joyce, Manager

(4) GOVERNMENT AGENCIES

Cleveland Metropolitan Housing Authority, West Mall Drive, Cleveland	Ernest J. Bohn, Director
Postmaster, Post Office, Cleveland	Guy R. Lucas
Civil Aeronautics Administration 3rd Region, 608 S. Dearborn St. Chicago, Ill.	George W. Vest, Regional Administrator
Federal Reserve Bank Cleveland, Ohio	Ray M. Gidney, President
U. S. Civil Service Commission 6th District, P. O. Bldg. Cincinnati, Ohio	C. E. Snyder, Regional Director Louis E. Lyons, Chief of Examining Board
U. S. Navy Department Bureau of Supplies and Accounts Cleveland, Ohio	Admiral T. Marie Hipp, Chief of Field Branch
U. S. Public Health Post Office, Cleveland	Dr. J. F. Ralston
U. S. Treasury Department Regional Disbursing Office, Post Office Bldg., Cleveland	J. W. Reynar, Regional Disbursing Officer
U. S. Weather Bureau Municipal Airport, Cleveland, Ohio	C. George Andrus, Chief
U. S. Veterans Bureau Administration Cuyahoga Bldg., Cleveland, Ohio	General Wm. L. Marlin, Manager

(4) HOSPITALS

U. S. Marine Hospital Cleveland, Ohio	Dr. R. B. Holt
Lakewood Hospital Lakewood, Ohio	Dr. R. B. Crawford, Sup't



(4) TECHNICAL SOCIETIES

The Cleveland Technical Societies Council 6523 Euclid Avenue Cleveland, Ohio	A. E. Wilson, President
Cleveland Engineering Society 2136 E. 19th St. Cleveland, Ohio	J. W. Greve, President
Institute of Aeronautical Sciences	Oscar W. Loudenslager, Counselor, Birdwood Road, Akron 13, Ohio

(4) CLEVELAND CHAMBER OF COMMERCE  
Union Commerce Bldg., Cleveland

*Walter I. Bean, Exec. V. P.		
*Parker Hill, Vice Pres.		
*Clifford Gildersleeve, Staff Executive	"	"
*Carl E. Stahley	"	"
*Joseph Schultz	"	"
*Andrew H. Brown	"	"

(4) JUNIOR CHAMBER OF COMMERCE  
Union Commerce Bldg., Cleveland

*Dwight E. McLean, President
*Richard G. Gilman, Executive Secy.

(4) NATIONAL AIR RACES  
400 Union Commerce Bldg., Cleve.

*Ben Franklin, General Manager
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INDUSTRY

- |   |   |
|---|---|
| (4) Addressograph-Multigraph Corp.<br>1200 Babbitt Road, Cleve.                   | George C. Brainerd, President   |
| (4) Aircraft Fitting Company<br>1400 E. 30th St., Cleve.                          | Arth L. Bigelow, President  |
| (4) Air-Mase Corporation<br>5200 Harvard Ave., Cleve.                             | Albert E. Schaaf, President   |
| (4) Akron Municipal Airport,<br>Cleveland, Ohio                                   | B. E. Fulton, Manager   |
| (4) Allegheny County Aviation<br>Advisory Board,<br>221-4th Ave., Pittsburgh, Pa. | Col. Harry C. Fry, Jr.  |
| (4) Aluminum Company of America<br>2210 Harvard Ave., Cleve.                      | *Harold C. Brakins, Works Manager,  |
| (2) American Bridge Company<br>Frick Bldg., Pittsburgh, Pa.                       | *F. K. McDaniel, President<br>(4) Norman B. Obbard, V.P. in Chg. of Sales |
| (4) American Bridge Company<br>Rockefeller Bldg. Cleveland                        | Charles A. Harris, Contracting Manager                                    |
| (4) American Fork & Hoe Company<br>1910 Keith Bldg., Cleveland                    | A. F. Fifield, President  |
| (4) American Magnesium Corp.<br>Midland Bldg., Cleveland                          | Wiser Brown, V.P. & General Mgr.  |
| (3) American Steel & Wire Company<br>Rockefeller Bldg., Cleveland                 | * Clifford F. Hood, President<br>(4) * G. W. Myers, Sales Rep.            |
| (4) Atlantic & Pacific Food Stores<br>3430 Croton, Cleveland                      | J. P. Donohoe, Office Manager   |
| (4) Austin Company<br>16112 Euclid Avenue, Cleve.                                 | *George A. Bryant, President  |
| (4) *AuWerter, Jay P.<br>3296 Braemar Drive, Shaker Hts., O.                      |   |
| (4) *AuWerter, J. T.<br>3711 Colchester Rd., Shaker Hts., O.                      |   |

- (3) Bailey Meter Company  
1050 Ivanhoe Road, Cleve. \*R. S. Coffin, President
- (4) Bolton, Newell C. (Brig. Gen.)  
Hanna Bldg., Cleveland, O.
- (4) Alva & C. L. Bradley & Company  
1276 West 3rd St., Cleve. Alva Bradley
- (3) Brush Development Company  
3311 Perkins Ave., Cleve. \*A. L. Williams, Pres.
- (4) Burdett Oxygen Company of Cleve. Inc.  
3300 Lakeside Ave., Wm. H. Loveman, Pres.
- (4) Central National Bank  
Cleveland, Ohio \*John C. McHannan, Chairman of the Board
- (4) Chase Brass & Copper Co. Inc.  
1155 Babbitt Rd., Euclid 17, O. Wallace G. Husted, V.P. in chge. of  
Cleve. Operations
- (4) Chesapeake & Ohio Railroad  
Terminal Tower \*Robert R. Young, Chairman of Board  
\*Kenneth A. Brown, Chief Engineer
- (4) Cleveland Automobile Club  
Cleveland, Ohio John L. Young, Managing Director
- (4) Cleveland Builders Supply Co.  
1276 West 3rd St. William T. Rossiter, Pres.
- (2) Cleveland Diesel Engine Division  
General Motors Corp. \* G. W. Codrington, Vice Pres.  
2160 W. 160th St. Cleveland, O.
- (2) Cleveland Electric Illuminating Co.  
Cleveland, Ohio \*Elmer L. Lindseth, President  
(4) A. C. Shepherd
- (2) Cleveland Graphite Bronze  
17000 St. Clatt Ave. Cleveland \*B. F. Hopkins, President
- (2) Cleveland Pneumatic Tool Company  
Marble Ave. & E. 77th St. Cleve. \*Harold Schott, President  
(4) \*H. W. Cleveland  
(4) \*Richard Gaseley, Chief Engineer

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| (1) | Cleveland Trust Company<br>Cleveland, Ohio  | *I. F. Fryberger, Chairman of the Board<br>*George Gund, President   |
| (3) | Cleveland Twist Drill<br>1242 E. 49th St., Cleve.   | J. D. Cox, President   |
| (2) | Cleveland Worn & Gear Company<br>3249 E. 80th St., Cleve.                                 | Howard Dingle, President   |
| (4) | Cole, George S.<br>2250 Demington Drive, Cleve.   |  |
| (4) | Commercial & Savings Bank<br>EPea, Ohio   | H. E. Shalkhauser  |
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| (4) | Diebold Safe, Inc.<br>Guardian Bldg.  | Eliot Ness, Chairman of the Board                                    |
| (4) | Dill Mfg. Company<br>700 E. 82nd St.  | A. P. Williamson, President  |
| (4) | duPont, E. I. deNemours & Co.<br>Grasselli Chemicals Dept.<br>1335 Guardian Bldg., Cleve. | Irving C. Furrenhage, Dist. Mgr.                                     |
|     |   |  |
| (3) | East Ohio Gas Company<br>1405 E. 6th St., Cleveland                                       | *J. French Robinson, President<br>*Karl Emerling, General Sales Mgr. |
| (3) | Eaton Manufacturing Company<br>739 E. 140th St., Cleveland                                | *Joseph O. Eaton, Chairman of Board                                  |
| (4) | Sam W. Emerson Company<br>1836 Euclid Avenue, Cleveland                                   | *Sam W. Emerson, President   |
| (4) | Erie Railroad<br>1306 Midland Bldg., Cleveland  | *R. E. Woodruff, President   |

(4) Ernst & Ernst  
Union Commerce Bldg., Cleve.

\*A. C. Ernst, Managing Partner

(2) The Falk Corp.,  
Milwaukee 8, Wis.

\*L. W. Falk, President

(3) Ferro Enamel Corp.  
4150 E. 56th St., Cleve.

\*R. A. Weaver, Chairman of Board

(2) Firestone Tire & Rubber Co.,  
Akron, Ohio

\*Harvey S. Firestone, Jr., Chairman of Bd.

(2) Firestone Aircraft Co.  
Akron, Ohio

\*Roger Firestone, President

(4) Fisher Brothers Company  
2323 Lakeside, Cleveland

Ellwood H. Fisher, President

(4) Gabriel Company  
10709 Quincy Ave., Cleve.

John H. Briggs, President

(3) General Electric Company

Leonard F. Blaisdell, Commercial V.P.  
4960 Woodland Ave., Cleveland

(4) General Electric Company

M. L. Sloan, Vice Pres. (Mela Park)  
East Cleveland 12, Ohio

(3) Glidden Company  
11001 Madison Avenue, Cleve.

\*Adrian D. Joyce, Chairman of Board  
(4)\*Dwight P. Joyce, President

(4) Globe Machinery & Stamping Co.  
1250 W. 76th St., Cleveland

Ralph S. Geddes, President  
Wallace Arduci, V. P.

(2) B. F. Goodrich Company  
Akron, Ohio

\*John L. Collyer, President

(4) Goodyear Aircraft Company  
Akron, Ohio

\*Dr. Karl Arnstein, V. P.  
\*E. A. Knowles, V. P.

(2) Goodyear Tire & Rubber Company  
Akron, Ohio

\*P. W. Litchfield, Chairman of Board  
(4) \*Edwin J. Thomas, President

- (4) Halle Brothers Company  
Cleveland, Ohio Samuel H. Halle, Chairman of Board
- (4) H. A. Hanna Company  
1300 Leader Bldg., Cleve. Geo. H. Humphrey, President
- (4) A. W. Hecker Company  
1976 E. 66th St., Cleve. A. W. Hecker, President
- (4) Jack & Heintz Precision Industries  
Inc.  
17600 Broadway, Bedford, Ohio Baron Foy, President  
Ralph Heintz
- (4) Higbee Company  
Cleveland, Ohio J. P. Murphy, President
- (4) Albert M. Higley Company  
2036 E. 22nd St., Cleveland Albert M. Higley, President
- (4) Hornblower & Weeks  
1040 Union Commerce Bldg., Cleve. P. W. Brown, Res. Partner,
- (4) Hunkin-Conkey Construction Co.  
1740 E. 12th St., Cleveland R. Hunkin
- (4) Dr. H. O. Rom  
3009 Kenwood Blvd., Toledo, O.
- (3) Industrial Rayon Corporation  
660 Union Commerce Bldg.,  
Cleveland, Ohio. Hiram S. Rivitz, President
- (4) Capt.  
David S. Ingalls c/o Pan American Airways Systems  
Chrysler Bldg., 135 E. 42nd St.  
New York City
- (2) Kilbey Mfg. Company  
4623 Lakeside Ave., Cleveland John G. Nierath, President
- (4) Kroger Company  
5700 Truscott, Cleveland A. W. Metzger, Branch Manager

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| (4) | *Brigadier General F. P. Lahn<br>2387 Woodmere Drive,<br>Cleveland Heights, Ohio     |                                   |
| (4) | Lansom & Sessions Company<br>1871 W. 85th St., Cleveland                             | George S. Case, Chairman of Board |
| (2) | Loece-Neville Company<br>5363 Hamilton Ave., Cleveland                               | B. M. Loece, President            |
| (4) | The Lubri-Zel Corporation<br>Box 3057 Euclid Station 17, O.                          | Kent H. Smith, President          |
| (4) | The May Company<br>Cleveland, Ohio   | H. L. Dauby, V.P. & Gen. Mgr.     |
| (3) | Midland Steel Products<br>1661 Union Commerce Bldg.,<br>Cleveland                    | *E. J. Kulas, President           |
| (3) | The National Acme Company<br>170 E. 151st Street, Cleveland                          | *F. H. Chapin, President          |
| (4) | National City Bank of Cleveland<br>Cleveland, Ohio                                   | *Sidney B. Congdon, President     |
| (3) | National Screw Company<br>2440 E. 75th St., Cleveland                                | *Herbert F. Ladds, President      |
| (4) | N.E.A. Service (Newspaper<br>Enterprise Association)<br>1200 West 3rd St., Cleveland | H. W. Walker, General Manager     |
| (4) | Nickel Plate Railroad<br>Terminal Tower Bldg., Cleveland                             | *J. W. Davis, President           |
| (3) | Ohio Bell Telephone Company<br>Cleveland, Ohio                                       | *Randolph Eide, President         |
| (2) | Ohio Crankshaft Company<br>Midland Bldg., Cleveland                                  | *W. C. Dunn, President            |
| (4) | Osborne Mfg. Company<br>5401 Hamilton Ave., Cleveland                                | F. G. Smith, President            |

- (2) Parker Appliance Company                      \*S. B. Taylor, President  
17325 Euclid Ave., Cleveland
- (4) Penton Publishing Company                      Earl S. Shamer, Pres.-Treas.  
1213 West 3rd St., Cleveland
- (4) Perfection Stove Company                      L. S. Chadwick, Pres.  
7609 Platt Ave., Cleveland
- (2) Pesse Products Company                      \*R. J. Minshall, Pres.-Gen. Mgr.  
11610 Euclid Ave., Cleveland                      \*H. Wasieleski, Chief Engineer
- (4) Pickands-Bather & Company                      \*Elton Hoyt, II, Partner  
Union Commerce Bldg., Cleveland                      \*John Sherwin, Partner
- (1) Pittsburgh Des-Moines Steel Co.  
Neville Island, Pittsburgh, Pa.                      \*J. O. Jackson, President
- Republic Steel Company                      (4) \*Tom M. Girdler, Chairman of  
1211 Republic Bldg., Cleveland                      Board  
(3) \*Charles M. White, President  
(4) \*Donald B. Gillies, Vice Pres.
- (3) Reliance Electric Company                      \*Clarence L. Collens, Chairman of  
Board  
(4) J. W. Corey, President
- (4) Richman Bros. Company                      F. C. Lewman, President  
1600 E. 55th St., Cleveland
- (4) Schumaker, George  
Manufacturers Representative  
1120 Chester Ave., Cleveland
- (4) Sears Roebuck Company                      J. C. Griffin, Group Manager  
3501 Carnegie Ave., Cleveland
- (4) Second Federal Savings & Loan Assn.,                      C. W. Grove, President  
221 Euclid Ave., Cleveland, O.
- (4) Sherwin Williams Company                      A. W. Steudel, President  
101 Prospect Ave., N.W.  
Cleveland, Ohio



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| (4) | Simplex Products Corp.,<br>3830 Kelly Ave., Cleveland               | Fred G. Ferguson, President  |
| (2) | S. Morgan Smith Company<br>York, Pa.                                | *Beecham Smith, President<br>(4) *R. E. B. Sharp, Consulting Engineer<br>(4) *D. J. McCormick, Sales Manager   |
| (4) | Society for Savings Bank<br>Cleveland, Ohio                         | Merwin B. France, President  |
| (2) | Standard Oil Company of Ohio<br>Midland Bldg., Cleveland            | *W. T. Holiday, President<br>(4) *Glyde Foster, V.P.-Treas.  |
| (1) | Steel Improvement Forge Co.<br>990 E. 64th St., Cleveland           | *C. H. Smith, Jr., President   |
| (4) | Stouffer Corporation<br>1375 Euclid Ave., Cleveland                 | Vernon Stouffer, President   |
| (4) | William Taylor & Sons Co.<br>630 Euclid Ave., Cleveland             | Charles H. Strong, President   |
| (1) | Thompson Products, Inc.<br>2106 Clarkwood Rd., Cleveland            | *Fred C. Crawford, President<br>(4) *A. T. Colwell, Vice Pres.<br>(4) *Ray Livingston, Vice Pres.<br>(4) *J. D. Wright, Vice Pres.-Sec'y.<br>(4) *A. D. Messner<br>(4) *S. A. Oviatt |
| (3) | Timken Roller Bearing Co.<br>Canton, Ohio                           | *Henry H. Timken, Chairman of Board  |
| (4) | Timmerman Products, Inc.<br>2038 Fulton Rd., Cleveland              | *George A. Timmerman, Vice Pres.   |
| (4) | Trundle Engineering<br>901 Berkley Bldg. Cleveland                  | George T. Trundle, Jr., Pres.  |
| (4) | Roseco Turner,<br>c/o Turner Aero. Corp.,<br>Indianapolis, Indiana. |  |

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|-----|--|---|
| (4) | Union Bank of Commerce<br>Cleveland, Ohio                          | John K. Thompson, President   |
| (5) | Warner & Swasey Company<br>5701 Carnegie Ave., Cleveland           | *Charles J. Stilwell, President                                       |
| (3) | Weatherhead Company<br>300 E. 131st Street, Cleveland              | *A. J. Weatherhead, Jr., President                                    |
| (3) | Wellman Engineering Company<br>7000 Central Avenue, Cleveland      | *A. E. Gibson, President  |
| (4) | S. K. Wellman Company<br>1874 E. 51st St., Cleveland               | R. LaFrance, Vice Pres.   |
| (3) | Westinghouse Electric Corporation<br>408 Swetland Bldg., Cleveland | F. C. Hickling, Cleveland Manager                                     |
| (3) | White Motor Company<br>842 E. 79th St., Cleveland                  | *Robert F. Black, President<br>(4) *George Soragh<br>(4) *Robert Cass |
| (4) | White Sewing Machine Company<br>Main Ave. & Elm St., Cleveland     | A. S. Rogers, President   |
| (4) | Willard Storage Battery Co.<br>246 E. 131st Street, Cleveland      | Claude E. Murray, V.P.-Gen.Mgr.                                       |
| (4) | Yellow Cab Company<br>2020 W. 3rd St., Cleveland                   | Jesse T. Smith, Pres.-Gen.Mgr.  |

FIRST ANNUAL INSPECTION  
 NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS  
 CLEVELAND LABORATORY

Summary of Attendance

	<u>No. Attending</u>	<u>Invited Did not attend</u>
October 8	275	738
October 9	341	157
October 10	<u>167</u>	<u>151</u>
Totals	783	1,046

Notes: Flight Operations records show the following number of persons arriving at the NACA Hangar by airplane:

Oct. 8	11 planes	88 persons
9	28 planes	245 persons
10	3 planes	6 persons

The figures for the second day indicate how difficult it is to estimate the number in attendance on Military Day. As above, if the weather had been unfavorable on October 9, our attendance would have been very small.