Aero Medical Association

Scientific Program and Special Events

Los Angeles, May 11-13, 1953

The newest developments in aviation medicine, the significant problem of the aging commercial pilot and discussion of the recent attainment of specialty board certification promise to make the twenty-third annual meeting of the Aero Medical Association at the Biltmore Hotel in Los Angeles, May 11, 12 and 13, an outstanding event. Final arrangements have been completed by the various committees that have been appointed by President W. R. Stovall. Among the many features is an “Hawaiian Holiday and Forum” in Honolulu following the California meeting. Dr. Clarence W. Trexler, 65 Young Building, Honolulu, T. H., will be in charge of the scientific meeting in Honolulu.

Dr. Raymond B. Allen, chancellor of the University of California at Los Angeles, will give the principal address at the traditional banquet of the Association on Wednesday evening, May 13. A prominent physician and educator, Dr. Allen was the first director of the Medical Services Division in the Office of the Secretary of Defense which was the predecessor of the present Medical Policy Council. He left this position in 1949 to return to the presidency of the University of Washington.

The Arrangements Committee for the 1953 meeting is ably headed by Francis C. Hertzog, M.D., of Los Angeles, and the Scientific Exhibits Committee is under the experienced chairmanship of Capt. John R. Poppen, USN (Ret.), of Northridge, California. As is customary, the Airline Medical Directors Association and the Airline Medical Examiners Association will hold their annual meetings over the weekend preceding the opening of the scientific sessions of the Aero Medical Association on Monday, May 11. Mr. William T. Piper, President of the Piper Aircraft Company, will be the guest speaker at the dinner of the examiners’ group. The entertainment program for the Wives’ Wing of the Association is being arranged by Mrs. Francis C. Hertzog, vice president of the auxiliary, with the assistance of a local group of members. The annual Fellows’ Dinner will be held on Tuesday evening, May 12, and the business meeting will be conducted at a luncheon on the same day.

The scientific program has been planned and organized by a committee under the chairmanship of Barry G. King, Ph.D., Washington, D. C. One of its important features is a Symposium on Pilot Aging with Dr. John A. Tamisiea of Omaha acting as moderator. The tentative list of speakers and the titles of their papers follow:

“Studies in Motivation of Student Aviators at the Naval School of Aviation Medicine,” John T. Bair, Ph.D., and Lt. (j.g.) Edwin P. Hollander, (MSC)
USN, US Naval Air Station, Pensacola, Florida.


“The Effect of High Breathing Pressure on Cardiac Output with and without Counter Pressure.” LT. COL. CLARENCE C. CAIN, USAF, Maj. D. I. MAHONEY, USAF (MC) and JOHN A. WOOD, Ph.D., Wright-Patterson Air Force Base, Ohio.

“Fractured Vertebrae in Aircraft Accidents.” LT. (j.g.) JOHN P. CHARLES, (MSC) USNR, US Naval Air Station, Norfolk, Va.


“A Factorial Study of Integration.” B. K. DOANE, Ottawa, Canada.

“The Physiological Recognition of Strain Associated with Flying.” LT. COL. THEODORE J. DOMANSKI, USAF (MSC), and LT. COL. JAMES B. NUTTALL, USAF (MC), Randolph Air Force Base, Texas.


“The Effect of Monocular Blind Areas on Visibility from Aircraft.” LT. COL. GEORGE O. EMERSON, USAF (MC), Wright-Patterson Air Force Base, Ohio.


“Study of Derangements of Function in Small Animals from Imposed Accelerative Stress Utilizing a Quick Freeze Technique.” COMDR. CHARLES F. GELL, (MC) USN, Naval Air Development Center, Johnsville, Pa.

“Peripheral Circulation and Simulated Altitude.” F. GELING and C. MAHEUX, Ottawa, Canada.

“Pressure Breathing and the Circulation.” F. GELING and C. MAHEUX, Ottawa, Canada.


APRIL, 1953
"Absorption and Toxicity of Methyl Bromide." ALFRED U. JORD, M.D., Zurich, Switzerland.


"Physiological Changes in the Sense Organs with the Aging Process." Ross A. McFARLAND, Ph.D., Boston, Massachusetts.


"A Factorial Study of Closure." C. M. MOONEY, Ottawa, Canada.


"The Effects of Drugs upon Psychological Efficiency." MAJ. ROBERT B. PAYNE, USAF (MSC), Randolph Air Force Base, Texas.


"Mechanism of Dizziness and Syncope." EDGAR E. POOS, M.D., Detroit, Michigan.


"Escape from Aircraft by Downward Ejection." CAPT. WALTER S. ROTHWELL, USAF (MC) and 1ST LT. EDWARD G. SPERRY, USAF, Wright-Patterson Air Force Base, Ohio.


"The Hemodynamic Response to Pressurization of the Lower Half of the Body in Man at 1 G." CAPT. OWEN L. SLAUGHTER, USAF (MC), Naval Air Development Center, Johnsville, Pa.

"Tolerance and Survival Limits for Linear Deceleration." LT. COL. JOHN P. STAPP, USAF (MC) and CAPT. PAUL G. WINGQUIST, USAF (MC), Wright-Patterson Air Force Base, Ohio.

"Dynamic Trials of Anti-G Valves." SQ. LDR. R. A. STUBBS, RCAF, Toronto, Canada.

"Determination of Centers of Gravity of Man." J. J. SWEARINGEN, M.S., Oklahoma City, Oklahoma.


"Limitations of Cabin Pressurization." WING COMDR. J. C. WICKETT, RCAF and SQ. LDR. R. A. STUBBS, RCAF, Toronto, Canada.

"RCAF Operation Calorie." WING COMDR. J. C. WICKETT, RCAF, and J. Q. BLISS, Toronto, Canada.

"Results of In-Flight Testing of the School of Aviation Medicine Portable Respirator on Poliomyelitic Patients." SYRREL S. WILKS, Ph.D., and CAPT. JOSEPH F. TOMASHEFSKI, USAF (MC), Randolph Air Force Base, Texas.

"RCAF Para Rescue Organization." SQ. LDR. J. R. W. WYNNE, RCAF, Comox, Canada.


"Electroencephalographic Changes Produced by Acceleration." LT. J. E. ZIEGLER (MC), USN, Naval Air Development Center, Johnsville, Pa.