

Valley of the Giants

Alan Watton, Jr.

Alan Watton Jr. was born in Seattle, Washington, on August 9, 1915. In 1939, he received his B.S. degree in electrical engineering from the University of Washington. Mr. Watton went on to obtain his Ph.D. in aeronautical engineering from Ohio State. It was at Ohio State that Mr. Watton did his research study on the fuel-mixing and combustion process in diffusion type supersonic combustion for use in scram jet engines, as projected for possible use in ramjet air-breathing engines.

From 1939 – 1957, Mr. Watton worked as a supervisory electrical engineer at Wright Field's Propeller Laboratory. He worked on the development of electronic instrumentation systems for measurement of vibratory stresses on propeller blades, and he worked on development of propeller control systems for turboprop engine applications, including T-31, T-34, T-38, T-40, T-51 and T-57, and for turboprop versions of B-47, B-52, C-130, C-132, C-133 and F-84H. Mr. Watton worked at the Aeropropulsion Laboratory at

WPAFB as an aerospace engineer from 1957 – 1958. It was there that he served as system engineer on the application of air-breathing (turbojet and turbofan) and rocket engines for a variety of aircraft, missiles and spacecraft, including the "DYNA-SOAR" sub-orbital boost-glide vehicle and an early version of the "Aerospaceplane" using Air-Collection and Enrichment Systems (ACES). From 1958 – 1975, Mr. Watton was supervisory aerospace engineer for the Office of Deputy and Development Planning. From 1981 to the present, Mr. Watton has worked at Sinclair Community College where he has been a lecturer and research engineer, while being involved in numerous projects.

Mr. Watton has been involved in various professional organizations such as IEEE, AIAA, Sigma Xi and ASHRAE. He has been a member of the Engineers Club since 1944. It is with great pride that we place Mr. Watton in

THE VALLEY OF THE GIANTS!

The Engineer: Your Source for Club Information

The purpose of *The Dayton Engineer* is to keep Club members informed concerning Club news and upcoming events. We would like members to give us suggestions regarding future Engineers Club programs. The Club belongs to the members, and we would like to know what programs or events would interest you. We would also like to see more members contribute articles and ideas to *The Dayton Engineer*, because your thoughts are very important.



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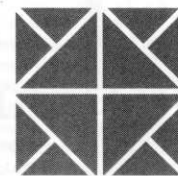
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