



## VALLEY OF THE GIANTS



**John Burlin Johnson**  
1890 - 1980

On October 4, 1966, John Burlin Johnson was the fifth Club member to receive the Deeds-Kettering Award, for outstanding contributions in the field of Industrial Management.

Born in Olean, New York, in

1890, he received his Engineering Degree from Cornell University in 1912. Shortly thereafter, he joined the United States Air Force at Dayton's old McCook Field in 1916, which he faithfully served for 42 years, retiring from Wright Patterson Air Force Base in 1958.

Mr. Johnson founded what was later to become the Materials Laboratory and served as its chief from 1920 to 1950. He then moved to Aeronautical Research Laboratories as Director of Metallurgical Research.

Mr. Johnson had joined the Engineers Club of Dayton in 1919, and faithfully remained an active member for 60 years.

Recognized throughout the world for his work in the development of low-alloy steels, deep-hardening steels and high-temperature alloys, he had also developed the 4100 series of chromium-molybdenum steels which have since been used throughout the world. During the same period, he brought about many changes which advanced the art of welding, and for which he received the James Turner Morehead Medal for outstanding accomplishment in this field.

He also pioneered developments in the deep hardening of the 4300 series steels, which were the only ones for which critical alloys were allocated during World War II.

For Distinguished Services during World War II, he received the Exceptional Meritorious Service Award from the Secretary

of War; and in 1951, he received the Thurman H. Bane Award for his work in high-temperature materials!

He served, for many years, as: USAF's Representative on the National Advisory Committee for Aeronautics; on the Metallurgical Advisory Committee for the National Bureau of Standards; the Department of Commerce Committee on Nickel Conservation; and the Navy Committee on Molybdenum and Titanium. He also served on the Army Ordnance Committee and various scientific panels within the North Atlantic Treaty Organization.

John Burlin Johnson has earned his place with the other great scientists in our respected VALLEY OF THE GIANTS!



**November 1, 1995**

*Note: In honor of the niece of the Wright Brothers, who died at the age of 99 on October 5, 1995, Mary Ann Johnson will tell the story of Ivonette Wright Miller for the Valley of the Giants, to coincide with the December 17 Anniversary of Flight.*

