

## Pattern Blocks

EAA's first card-carrying honorary lifetime member, Guy R. Poyer, donated his life's work as an engine designer and builder to EAA's Air Education Museum at Hales Corners in 1961. Along with his collection of papers, airplane and engine parts, tooling, and engines, he shipped this large crate of the wooden engine pattern molds. A note with the shipment indicates the patterns were made in the designer's shop located in Wichita, Kansas, before the Poyer Aircraft Co. moved to Fairfax Field in Kansas City in 1930.

Poyer's engines, including the 3-40 three-cylinder radial (40 hp) and the Poyer 360 (60 hp), powered Rearwin Jr., Liberty, Taylor Cub, and Heath aircraft, plus others. In a May 1963 *Sport Aviation* article, the designer proudly noted that a "Poyer engine powered a Heath aircraft and established the lightplane world's altitude record of 17,907 feet and the 126 miles per hour speed record in 1931. A Rearwin Jr. made an 18,300-foot altitude flight (not official) in Kansas City in 1931." Though the wooden molds are in EAA's Attic, two Poyer engines are on display at the EAA AirVenture Museum.

-Kathleen L. Witman

