AHS invites you to attend

The Cierva Autodynamic Rotor

AHS Special lunch event at Moffett Field Museum
with Presentation by

Jean-Pierre Harrison

Presenter

Jean-Pierre Harrison has been studying the Autogiro and its development into the helicopter since the mid 1980s and has amassed one of the largest private collections of material on the subject. He has published numerous articles on and written to books on aviation subjects. He holds FAA professional pilot and flight instructor licenses in airplanes and gyroplanes, and earned a BS in computer science. He is currently employed in the High End Computing Capability at NASA Ames.

Synopsis

Juan de la Cierva undertook development of the Autodynamic Rotor following the introduction of the titling hub control system in 1933. The autodynamic rotor was intended to utilize the forces acting upon itself to provide automatic jump takeoff capability, rotor rpm governing, tip plane path control, automatic stabilization, and vibration suppression, among other design objectives. Development of the system continued in various forms until 1938, and again from 1945-1949. The Cierva Autogiro Company released very little technical information on the autodynamic rotor and much of what was learnt had to be rediscovered when large scale helicopter development commenced after the Second World War. The autodynamic rotor was unsuccessful as a complete system but components are in common use today.

Where: Moffett Field Historic Museum
http://www.moffettfieldmuseum.org/index2.html
When: August 6, 2014 at 12:00 p.m.
Pizza and drinks will be served:
$2 for Interns, $4 for AHS Members and $8 for non-members (this includes $8 value museum entry)
San Francisco Bay Area Chapter