

### **C. Wayne Ottinger, President, ALETRO**

Mr. Ottinger has more than fifty years of aerospace engineering and management experience including positions with federal and state agencies, industry, consulting, and small business. His aerospace technology experience includes jet and rocket propulsion, flight-testing, engine control systems, ejection systems, energy conservation and renewable energy sources and state-of-the-art industrial imaging and diagnostic systems. He has organized and run workshops, provided graphic production and publishing services, written and produced technical films and founded and managed a not-for-profit corporation serving education outreach and strategic planning activities of NASA DFRC. He was the Lunar Landing Training Vehicle Technical Director and Base Manager (Ellington Field LLTV Flight Test) for Bell Aerosystems Co. and for the NASA Flight Research Center (now the Dryden Flight Research Center) he was Project Engineer (Flight Operations) for the Lunar Landing Research Vehicle and for the X-15 Rocket Aircraft served as the flight test Propulsion Engineer. In 2007, Ottinger conceived and initiated the Go for Lunar Landing Conference held in Tempe, AZ, March 4<sup>th</sup> & 5<sup>th</sup>, 2008. <http://www.lunarlanding.info> In June 2008 he founded ALETRO, a nonprofit corporation and serves as President. In 2008 & 2009 he served as a NASA SAGES (Shuttle and Apollo Generation Expert Services) consultant on NASA DRFC Trade Study for Lunar Landing Training Vehicle (LLTV) Options on the Constellation program. Co-authored NASA DFRC report (2010) "A Toolset for an Advanced Landing Technology Development and Training Program," promoted and participated in a conference in December, 2008 at the NASA Johnson Space Center, Apollo astronauts Neil Armstrong, Apollo 11 Commander, John Young, Apollo 16 Commander, Gene Cernan, Apollo 17 Commander, Harrison (Jack) Schmitt, Apollo 17 LM Pilot, briefed the Constellation Lunar Landing Project Office about the LLTV training program with recommendations for future missions.

#### **Education:**

BSME University of Arizona, 1955

Graduate Studies at the University of Southern California, Math and Rocket Propulsion, 1957 & 1958