

RICHARD A. LEE

24,000 hours in 25 helicopter types includes 900 hours combat time as US Army Attack/Recon Helicopter Pilot in RVN 1970-71. Experimental/Developmental test pilot, Hughes Helicopters/McDonnell Douglas/Boeing Rotorcraft. 1979 to present flying 115 test programs in Hughes H269, H369, TH-55, OH-6, McDonnell Douglas MD520, MD600, MD900 NOTARS, and Boeing AH-64A/D/E, AH-6 and MH/CH-47 helicopters. In numerous models of these helicopters conducted flight tests for Handling Qualities, Performance, Engine Failure Autorotation Landing and Height Velocity Boundary Definition, Flight Loads & Strains. Continuous test pilot activity at the T&E forefront of Helicopter Sensor Integration and Weapons Testing (Targeting & Designating Systems; Night Vision Systems; Weapons Integration) on OH-6/AH-6 and AH-64 helicopter variants from the early tactical implementation of NVG's to the latest Apache MTADS development and R&D experimental flight tests with Enhanced Synthetic Vision Systems (ESVS) for degraded landing environments (brownouts). The industry expert on Helicopter Extreme Maneuvering & Aerobatic Boundary Development, successfully developed and presented at numerous venues aerobatic maneuver sets for air show display on several MD/Boeing helicopter models. Went on to plan and execute full flight strain tests in the AH-64D Apache for aerobatic maneuvering presentations at mission gross weights and full combat munitions configuration. Appointed by International Council of Air Shows to its pilot Aerobatic Competency Evaluator committee and authored by FAA appointment the helicopter aerobatic regulations in use by the U.S. and Canada for evaluation and approval of air show pilots. Admitted to state and federal courts as an expert in accident reconstruction and aeronautical engineering matters. Fellow of the RAeS, Boeing Associate Technical Fellow, Chief Developmental Rotorcraft Test Pilot at Boeing and lifetime member of SETP. Participated in numerous SETP symposia as a presenter, panel member, technical presentation judge, and session chair. Chairman 2015 Flight Test Safety Workshop. Judge at SETP sponsored STEM Science Fair.