

Russell A. Ellis
CSD, Retired



Russell A. Ellis received a BA from Columbia College, Columbia University in 1958, a BS in Mechanical Engineering from the School of Engineering, Columbia University in 1962, and a Master's Degree in Engineering Administration from the University of Utah in 1971. He served in the US Navy 1958-61 as Engineering Officer of a Destroyer. In 1962 he began what is now a 45-yr career in the solid rocket industry. His first nine years were with Thiokol/Wasatch and the next 32 at Chemical Systems Division, Pratt & Whitney, San Jose, CA. He retired in 2003 and now is a Consultant to the industry. He is well known for his work in advanced nozzles and materials, particularly application of carbon-carbon ITEs and exit cones to nozzles. He authored the NASA nozzle design monograph and has presented and published over 50 technical papers associated with solid rockets. He serves on the AIAA Solid Rocket Technical Committee as a member of the Education subcommittee. He is an AIAA Fellow.