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AIAA/ASME Co-Sponsored Presentation

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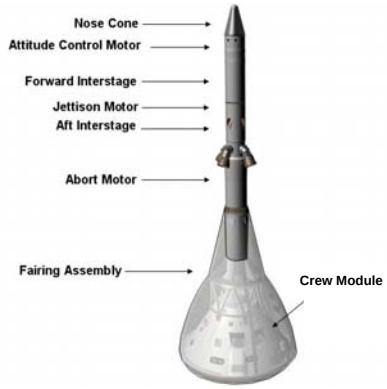
Development Status of the Ares I Launch Vehicle
(ATK Developed Ares I First Stage and Launch Abort System)
(Our Role as Professionals in Exploring the Heavens and Developing Next Generation Engineers)

Date: October 22, 2009
Time: 7:00 p.m. to 8:30 p.m.
Location: University of Utah in Orson Spencer Hall (OSH) Room 202
by

David H. Riemer
VP, Science & Engineering, ATK Space Systems



Mr. Riemer will present the development status of the Ares I, the next generation United States manned launch vehicle to carry man to the moon and beyond. He will focus on the ATK developed Ares I First Stage and Launch Abort System. Mr. Riemer will then discuss our role as professionals in furthering man's exploration of the heavens, and in the development of the next generation engineers vital to that exploration.

Because the Ares I design effort requires systems integration, chemical propulsion, heat transfer, electrical engineering, structural evaluation, material characterization, program management, and many other engineering disciplines, Mr. Riemer's expertise and presentation will appeal to individuals across many engineering disciplines.

As VP of Engineering at ATK, Mr. Riemer is responsible for technology development and engineering for the Reusable Solid Rocket Motor for the Space Shuttle, development of the Shuttle replacement Ares I first stage booster, and numerous solid rocket motors used by the Defense Department. He has been with ATK for 3 years.

Mr. Riemer has an extensive professional resume: 27 years with Raytheon where he was Vice President of Product Development and Engineering at Raytheon Aircraft and Vice President of Trainer System Division (TSD) at Raytheon Aircraft. After college, David began his career at General Dynamics, Convair Division as a Thermodynamics Engineer. In 1979 he joined Beech Aircraft (a division of Raytheon) in Boulder, Colorado as a Thermodynamics Engineer ultimately becoming the Manager of Cryogenic Programs in 1985. He transferred to Beech in Wichita, Kansas in December 1986 where he was Program Manager for the Navy's BQM-126 target system, then Division Manager of Missile Systems in September 1987, and subsequently Director of JPATS in June, 1991. As Director of JPATS he was responsible for the design, development and production of the Beech MKII production prototype aircraft.

Mr. Riemer holds a Bachelor of Science Degree in Computer Science (Magna cum laude), with minors in Mechanical Engineering and Finance, and a Master of Science Degree in Mechanical Engineering, both from the University of Utah.

>>> See Next Page for Map to Presentation Location <<<

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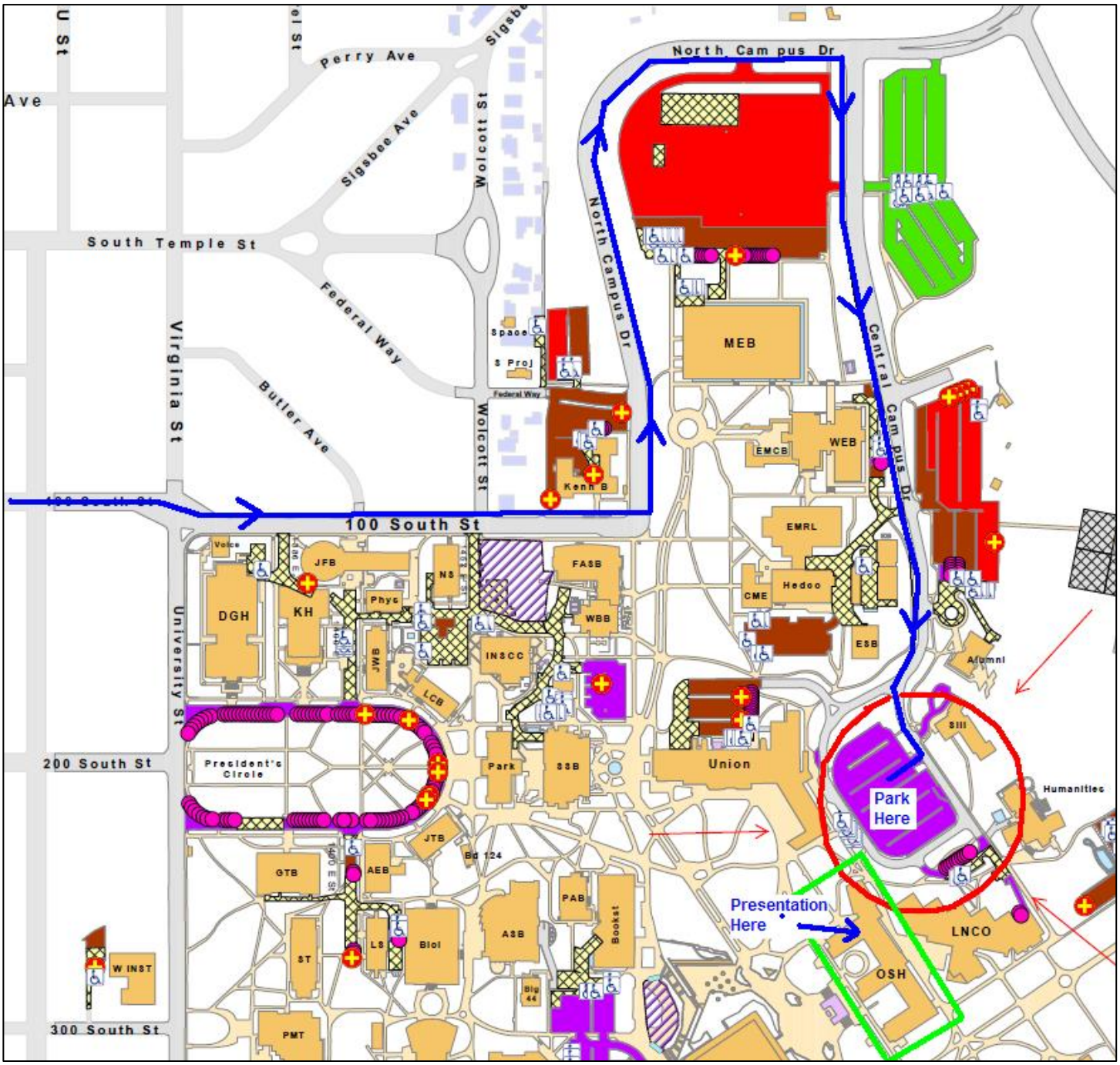
Map to Presentation Location on U of U Campus
Orson Spencer Hall (OSH) Room 202



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