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Memoirs of a Rocket Scientist: From Apollo to Space Shuttle to Minuteman to UAVBPI

By Dr. Mark Salita

CreateSpace Independent Publishing Platform. Paperback. Condition: New. This item is printed on demand. 100 pages. Dimensions: 11.0in. x 8.5in. x 0.2in. We've all heard the expression You don't have to be a rocket scientist to be able to. Well, these Memoirs explain many aspects of what a rocket scientist does have to be able to do. The author, Dr. Mark Salita, has modeled a very wide range of phenomena in rocket chambers, nozzles, and plumes, as well as on the Shuttle launch pad and inside Minuteman ICBM silos. Dr. Salita is best known around the world for his modeling of O-ring erosion on Shuttle boosters, which he presented to NASA before the Challenger accident, and after to the Presidential Commission. His subsequent computer model of O-ring deformation and activation was the first of its kind, and was used to explain that the Challenger accident didn't happen simply due to the cold air (as described herein). That model has also been used for other aerospace applications, and by the nuclear power industry for their containment vessels. He is also well known for his innovative modeling of propellant ignition, slag generation in solid-propellant rocket motors, and vehicle staging. He also created the...



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