

Nancy J. Lindsey (“Rocket Mom”) —

Deploying Clarity from Complexity

Some people build lives around a profession. Nancy J. Lindsey built hers around a passion: *discovering, understanding, applying, and sharing knowledge*. Whether she's helping projects reduce mission risk, uncovering generations of family history, or guiding a student through challenging STEM concepts, Nancy is driven by that same passion, curiosity, integrity, and patience.

Inspired by that passion and humanity's first steps on the Moon, Nancy pursued her education (B.S. in Computer Science/Aeronautical Engineering & M.Sc. in Space Studies) and a career spanning more than four decades in aerospace, contributing to aircraft research, satellite operations, space science missions, reliability engineering, hazard analysis, mission assurance, digital engineering, and knowledge management across international and nations government, commercial, and NASA programs. Along the way, she became known not only for solving difficult technical challenges, but also for developing tools, guidance, and training that enabled others to solve them as well.

In conjunction with her professional career, Nancy's passion has had her devote more than five decades to helping family members, friends, students, young professionals, and colleagues discover, learn, and succeed. As a result, she has become a certified genealogist and has constructed family histories spanning centuries, countries, and languages—preserving stories that might otherwise have been lost—if not for her tenacious research and both inductive and deductive reasoning. She has also mentored learners from elementary school through professional careers in mathematics, science, engineering, reliability, and analytical thinking. Her tutoring approach emphasizes guided discovery, helping learners ask questions, recognize patterns, build confidence, and develop the understanding needed to solve problems independently rather than simply mimicking rote.

Yet, those who know Nancy best rarely describe her simply as an engineer, mentor, or researcher—They know her as “**Rocket Mom.**”

The nickname grew naturally from the way Nancy balanced her love of aerospace with her role as a mom, mentor, tutor, and encourager. Whether explaining how rockets work to curious children, mentoring young engineers, tutoring students, or helping others see the bigger picture, she discovered that her greatest satisfaction came not from having the answers—but from helping others find them. "Rocket Mom" became more than a nickname; it became a reflection of who she is and led her to create **Rcktmom, LLC**—a place where her decades of professional experience unite with her lifelong commitment to analysis, education, research, and mentorship, to provide exceptional services.

As a result, Nancy now uses her passion, curiosity, integrity, patience, and engineering and analytical methods to transform engineering, genealogy, and STEM learning complexities into clarity for those she serves. While these domains may appear completely unrelated, to Nancy they are simply variations of the same core problem-solving and data-synthesis challenges. Even though each domain presents its own unique landscape of uncertainty, intricate dependencies, abstract concepts, knowns, unknowns, and hidden relationships, Nancy applies the same type of disciplined, adaptive strategizing to each that leverages the appropriate balance of analytical reasoning, analysis, careful research, critical thinking, pattern recognition, and result assessment to transform these unique complexities into clear and meaningful outcomes—helping projects reduce mission risks, uncovering generations of family histories, and giving students the understanding needed to master challenging STEM concepts.

Nancy will always find joy in problem-solving and making connections—between ideas, evidence, people, and possibilities—but most of all she will remain dedicated to empowering others to understand and equipping them with knowledge they can actively use moving forward, epitomizing her ongoing belief that: “**Knowledge is not Powerful until it is Shared.**”