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Verifying and Validating the Impact of Technology Transferred from Space (2)

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WHY TRACEABILITY OF SPACE TECHNOLOGY MATTERS

Abstract

The National Aeronautics and Space Administration practice disseminating information relative to research and development achievements in the broadest but appropriate means. This drives awareness about NASA research and development that has help yield new technology applications beyond NASA needs. It has thus proven to be extremely valuable to how NASA communicates the impact of the Space program on the quality of life. NASA channels to disseminate information about new technology developments; new technology developments that enable “spin-off” products; and the benefits of having new technologies shared beyond the space program have been in place for many years. They include publications such as annual, quarterly, monthly magazines; technology fact sheets; technology opportunity announcements; and, face to face tech briefings. Such channels of disseminating information create opportunity for others to demonstrate their success in utilizing NASA technology as well as gain access to NASA technology. Done consistently and factually, it can provide valuable understanding to stakeholders regarding the impact of their investment in NASA research and development. This paper will focus on key facts to highlight when disseminating information about NASA research and development beyond space exploration, aeronautics, and science. Specifically, it will address the importance of tracing technology resulting from the space program.