

NASA Space Flight Program and Project Management Handbook



This handbook is the companion document to NPR 7120.5E and represents the accumulation of knowledge NASA gleaned on managing program and projects coming out of NASAs human, robotic, and scientific missions of the last decade. At the end of the historic Shuttle program, the United States entered a new era that includes commercial missions to low-earth orbit as well as new multi-national exploration missions deeper into space. This handbook is a codification of the corporate knowledge for existing and future NASA space flight programs and projects. These practices have evolved as a function of NASAs core values on safety, integrity, team work, and excellence, and may also prove a resource for other agencies, the private sector, and academia. The knowledge gained from the victories and defeats of that era, including the checks and balances and initiatives to better control cost and risk, provides a foundation to launch us into an exciting and healthy space program of the future. This handbook provides implementation guidance for NPR 7120.5E, NASA Space Flight Program and Project Management Requirements, which changed and streamlined key procedural requirements across the Agency for space flight program and project management. The goal of the NPR requirements is to ensure programs and projects are developed and successfully executed in the most cost-effective and efficient manner possible. This handbook provides context, rationale, and explanation to facilitate the application of requirements so that they make sense and to pass on some of the hard-won best practices and lessons learned. While thoughtful planning and execution is important in all phases of a program or project, the Agency is placing particular emphasis on activities during the Formulation Phase of the life cycle. This focus is needed to: ?? Accurately characterize the complexity and scope of

the program or project; ?? Increase understanding of programmatic requirements; ?? Better identify and mitigate high safety, technical, acquisition, cost, and schedule risks; and ?? Improve the fidelity and realism of cost and schedule commitments made when the program or project is approved to transition from Formulation to Implementation. 466 pages. Dozens of color photographs, drawings, illustrations and charts. This is a Print Replica that maintains the formatting and layout of the original edition and offers many of the advantages of standard Kindle books.

Figure 2-2 Space Flight Program and Project Management Process Overview NPD 1000.0, NASA Governance and Strategic Management Handbook. c.NPD 7120.5E, NASA Space Flight Program and Project Management Requirements (NPD) 1000.0, NASA Governance and Strategic Management Handbook.NASA Space Flight Program and Project Management Handbook - Kindle edition by Mike Ryschkewitsch. Download it once and read it on your Kindle device, It is NASA policy to apply program and project management procedural defined in the NASA procedural requirements for space flight, research and NPD 1000.0, NASA Governance and Strategic Management Handbook,Chapter 2 NASA Life Cycles for Space Flight Programs and Projects .. described in the NASA Program and Project Management Handbook and in NPRNASA Space Flight Program and Project Management Handbook dated September 2014. This handbook is meant to be a companion document to NPR . NASA SP-2014-3705. NASA STI, 2014. 486 p. ISBN: 978-0-9710327-3-6 http: Preface This handbook is the Chapter 2 NASA Life Cycles for Space Flight Programs and Projects. 2.1 Programs and . NASA Program and Project Management Handbook.The NASA Space Flight Program and Project Management Handbook describes how programs and projects are managed in NASA and contains explanatory The NASA Space Flight Program and Project Management Handbook describes how programs and projects are managed in NASA andThe NASA Space Flight Program and Project Management Handbook (NASA/SP-2014-3705) completed the STI reviewNASA Standing Review Board Handbook. NASA Space Flight Program and Project Management. Handbook. Table of Contents. Change History Log. Preface. NASA spaceflight programs and projects, both human and robotic. NPR 7120.5, NASA Space Flight Program and Project ManagementFigure 2-2 Space Flight Program and Project Management Process Overview NPD 1000.0, NASA Governance and Strategic Management Handbook. c.NASA Space Flight. Program and Project. Management Handbook <https://search.jsp?R=20150000400> 2018-06-21T04:23:42+00:00NASA Space Flight. Program and Project. Management Handbook. National Aeronautics and Space Administration Headquarters. Office of the Chief Engineer.NASA Space Flight Program and Project Management Handbook (NASA SP-2014-3705) - Accumulated Knowledge from NASAs Human, Robotic, and ScientificNASA Space Flight Program and Project Management Handbook [Michael P. Blythe] on . *FREE* shipping on qualifying offers.