

THE R.A.E. TABLE OF
EARTH SATELLITES 1957-1982

THE R.A.E. TABLE OF EARTH SATELLITES 1957~1982

compiled at the
Royal Aircraft Establishment,
Farnborough, England

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Satellite Imaging Instruments C. B. Pease, 1991 **Methods to Improve the Maintenance of the Earth Catalog of Satellites During Severe Solar Storms**, 1998 **Remote Sensing for Earth Resources**, 1999 Transcript of edited lecture notes given during a training course Space Debris COSPAR. Scientific Commission B. Symposium BO. 7, COSPAR. Scientific Assembly, 1997 Paperback Space debris is a steadily growing hazard for all space activities Despite a decreasing annual launch rate the number and mass of space debris are increasing The first confirmed casualty of space debris is the French spacecraft CERISE which was hit in 1996 by a fragment of a rocket upper stage The twenty eight papers presented in this volume address the main areas of current research in the field of space debris and meteoroids in the Earth's environment New concerns arise with the planned satellite constellations in low and medium altitude orbital regions These proceedings provide an up to date picture of the space debris research activities and contribute to an improved understanding of the space debris issue Spaceflight Mechanics, 2005 **Astrodynamics**, 2006 **Space Safety and Rescue**, 2000 *44th Congress of the International Astronautical Federation*, 1993 **The Japanese and Indian Space Programmes: Two Roads Into Space** Brian Harvey, 2000-04-26 The development of the space industry in the Asian and Pacific Rim region provides the context for this book The two major countries hoping for leadership in the area apart from China are Japan and India both of whom have significant launcher capabilities There is a general introductory chapter which places the space programmes of the region in the comparative context of the other space faring nations of the world The author reviews the main space programmes of Japan and India in turn concentrating on their origins the development of launcher and space facilities scientific and engineering programmes and future prospects The book concludes with a chapter comparing how similarly differently Japan and India are developing their space programmes how they are likely to proceed in the future and what impact the programmes have had in their own region and what they have contributed so far to global space research **Spaceflight Mechanics 1996** American Astronautical Society, American Institute of Aeronautics and Astronautics, 1996 **Gemini Flies!** David J. Shayler, 2018-03-26 In May 1961 President John F Kennedy committed the United States to landing a man on the moon before the end of the decade With just a handful of years to pull it off NASA authorized the Project Gemini space program which gathered vital knowledge needed to achieve the nation's goal This book introduces the crucial three step test program employed by the Gemini system covering The short unmanned orbital flight of Gemini 1 that tested the compatibility of launch vehicle spacecraft and ground systems The unmanned suborbital flight of Gemini 2 to establish the integrity of the reentry system and protective heat shield The three orbit manned evaluation flight of Gemini 3 christened Molly Brown by her crew A mission recalled orbit by orbit using mission transcripts post flight reports and the astronauts own account of their historic journey The missions of Project Gemini was the pivotal steppingstone between Project Mercury and the Apollo Program Following the success of its first two unmanned missions and the exploits

of Gus Grissom and John Young on Gemini 3 NASA gained the confidence to plan an even bolder step on its next mission as described in the next book in this series on Gemini 4 British Reports, Translations and Theses British Library. Document Supply Centre, British Library. Lending Division, 1992 Issue for Mar 1981 contains index for Jan Mar 1981 in microfiche form

Journal of the British Interplanetary Society British Interplanetary Society, 2002 **Gemini 4** David J.

Shayler, 2018-12-18 The flight of Gemini 4 in June 1965 was conducted barely four years after the first Americans flew in space It was a bold step by NASA to accomplish the first American spacewalk and to extend the U S flight duration record to four days This would be double the experience gained from the six Mercury missions combined This daring mission was the first to be directed from the new Mission Control at the Manned Spacecraft Center near Houston Texas It also revealed that Working outside the spacecraft would require further study Developing the techniques to rendezvous with another object in space would not be as straightforward as NASA had hoped Living in a small spacecraft for several days was a challenging but necessary step in the quest for even longer flights Despite the risks the gamble that astronauts Jim McDivitt and Ed White undertook paid off Gemini 4 gave NASA the confidence to attempt an even longer flight the next time That next mission would simulate the planned eight day duration of an Apollo lunar voyage Its story is recounted in the next title in this series Gemini 5 Eight Days in Space or Bust **Space Environmental, Legal, and Safety Issues** Timothy D. Maclay, 1995

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