

1. Record Nr.	UNINA9910254603003321
Autore	Godefroy Andrew B
Titolo	The Canadian Space Program : From Black Brant to the International Space Station // by Andrew B. Godefroy
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-40105-X
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 324 p. 163 illus., 118 illus. in color.)
Collana	Space Exploration
Disciplina	520
Soggetti	Astronomy Aerospace engineering Astronautics Space sciences Popular Science in Astronomy Aerospace Technology and Astronautics Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- 1 Northern Mariner: The Origins of Canadian Space Activities -- 2 Forging a Space Nation: Policy and Program Development, 1957–1963 -- 3 Challenge and Commitment: Canada's Space Program in Transition, 1964–1974 -- 4 Ad Astra: Establishing a Permanent Presence in Space, 1974–1984 -- 5 Maple Leaf in Orbit: Institutionalizing the Canadian Space Program, 1984–1995 -- 6 Build up: Canada's Space Station Era Begins, 1996–2009 -- 7 Conclusion: Towards Space Station Expeditions -- Appendix A: Canadian Space Agency Presidents, 1989–2013 -- Appendix B: Biographic Notes on Canada's Astronauts -- Select Bibliography.
Sommario/riassunto	Canada's space efforts from its origins towards the end of the Second World War through to its participation in the ISS today are revealed in full in this complete and carefully researched history. Employing recently declassified archives and many never previously used sources, author Andrew B. Godefroy explains the history of the program through

its policy and many fascinating projects. He assesses its effectiveness as a major partner in both US and international space programs, examines its current national priorities and capabilities, and outlines the country's plans for the future. Despite being the third nation to launch a satellite into space after the Soviet Union and the United States; being a major partner in the US space shuttle program with the iconic Canadarm; being an international leader in the development of space robotics; and acting as one of the five major partners in the ISS, the Canadian Space Program remains one of the least well-known national efforts of the space age. This book attempts to shed a clearer light on the progress made by the CSA thus far, with more ambitious goals ahead. Technical information, diagrams, glossaries, a chronology, and extensive notes on sources are also included in this volume.
