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Titolo	Stratonauts : Pioneers Venturing into the Stratosphere // by Manfred "Dutch" von Ehrenfried
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	9783319029016 3319029010
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (240 p.)
Collana	Space Exploration
Disciplina	629.1309
Soggetti	Aerospace engineering Astronautics Atmospheric science History Space sciences Aerospace Technology and Astronautics Atmospheric Sciences History of Science Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction -- The Atmosphere -- The Problems -- Pressure Suit History -- The Ancient Would-Be Stratonauts -- The Early War Years -- The Exploration Years -- The Experimental Pilots -- The U2 Stratonauts -- The Blackbird Stratonauts -- The Long Wing Stratonauts -- Other Unique High Altitude Aircraft -- Modern Aeronauts -- Qualifications & Training.
Sommario/riassunto	Stratonauts chronicles humankind's quest for ever higher altitudes from ancient times to the present. It is based upon history, science and technology, and tells some interesting and fascinating stories along the way. It pays tribute to those killed while attempting to reach the stratosphere over the past several centuries. "Dutch" von Ehrenfried uses his personal experience as a NASA sensor operator on the RB-57F,

flying to an altitude of 70,000 feet, as well as the input and experience from other RB-57F, U-2, A-12, SR-71 and F-104 pilots. Although many of the aircraft and balloons are described, more emphasis is placed on the crews and what they went through. This book is intended for aviators of all kinds and flying enthusiasts in general.
