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Titolo	The X-15 rocket plane [[electronic resource] ] : flying the first wings into space // Michelle Evans ; foreword by Joe H. Engle
Pubbl/distr/stampa	Lincoln, : University of Nebraska Press, 2013
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Descrizione fisica	1 online resource (480 p.)
Collana	People's history of spaceflight
Disciplina	629.133/38
Soggetti	Aerodynamics, Hypersonic - Research - United States - History Research aircraft - United States X-15 (Rocket aircraft)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The whole nine yards -- A record high -- Gaining speed -- Naval engagement -- Changing course -- Straight and steady -- Skipping out -- On a roll -- Inconel meets celluloid -- Fastest man alive -- Chasing experiments -- In the line of duty -- Snow at Edwards.
Sommario/riassunto	With the Soviet Union's launch of the first Sputnik satellite in 1957, the Cold War soared to new heights as Americans feared losing the race into space. The X-15 Rocket Plane tells the enthralling yet little-known story of the hypersonic X-15, the winged rocket ship that met this challenge and opened the way into human-controlled spaceflight. Drawing on interviews with those who were there, Michelle Evans captures the drama and excitement of, yes, rocket science: how to handle the heat generated at speeds up to Mach 7, how to make a rocket propulsion system that could throttle, and how to s