

1. Record Nr.	UNINA9910698791903321
Autore	Merlin Peter W. <1964->
Titolo	Breaking the mishap chain : human factors lessons learned from aerospace accidents and incidents in research, flight test, and development // Peter W. Merlin, Gregg A. Bendrick, Dwight A. Holland
Pubbl/distr/stampa	Washington, D.C. : , : National Aeronautics and Space Administration, , 2012
Descrizione fisica	1 online resource (xv, 227 pages) : illustrations
Collana	NASA aeronautics book series ; ; 2011-594
Altri autori (Persone)	BendrickGregg A HollandDwight A
Disciplina	363.12/414
Soggetti	Aircraft accidents - Human factors Research aircraft - Accidents Space vehicle accidents Research aircraft - Design and construction Space vehicles - Design and construction Aeronautics - Research Flight testing Case studies.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on June 21, 2012).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1. Design Factors -- "It May Not Be Hooked Up" : Automation Bias, Poor Communication, and Crew Resource Management Factors in the X-31Mishap -- Habit Pattern Transfer During the M2-F2 First Flight -- Pilot-Induced Oscillation During Space Shuttle Approach and Landing Tests -- Part 2. Physiological Factors -- Screening Versus Design : The X-15 Reentry Mishap -- Six Million Dollar Man : M2-F2 Task Saturation Mishap -- Almost-Loss of Consciousness in the F-22A Raptor -- Part 3. Organizational Factors -- Decision Chain Leading to the XB-70/F-104 Midair Collision -- Mission Management and Cockpit Resource Management in the B-1A Mishap -- Collision in Space : Human Factors in the Mir-Progress Mishap -- Conclusions.

