

1. Record Nr.	UNINA9910695368003321
Titolo	Human error and commercial aviation accidents [[electronic resource]] : a comprehensive, fine-grained analysis using HFACS, final report // Scott Shappell ... [and others]
Pubbl/distr/stampa	Washington, D.C. : , : Federal Aviation Administration, Office of Aerospace Medicine Ft. Belvoir, VA : , : Available to the public through the Defense Technical Information Center Springfield, Va. : , : Available to the public through the National Technical Information Service, , 2006
Descrizione fisica	i, 19 pages : digital, PDF file
Altri autori (Persone)	ShappellScott A
Soggetti	Aircraft accidents - Human factors - Research - United States Aircraft accidents - Investigation - United States Aircraft accidents - United States Aeronautics - Safety measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Sept. 27, 2006). "July 2006." "DOT/FAA/AM-06/18."
Nota di bibliografia	Includes bibliographical references (pages 18-19).
Sommario/riassunto	The Human Factors Analysis and Classification System (HFACS) is a theoretically based tool for investigating and analyzing human error associated with accidents and incidents. Previous research has shown that HFACS can be reliably used to identify general trends in the human factors associated with military and general aviation accidents. The aim of this study was to extend previous examinations of aviation accidents to include specific aircrew, environmental, supervisory, and organizational factors associated with 14 CFR Part 121 (Air Carrier) and 14 CFR Part 135 (Commuter) accidents using HFACS. The majority of causal factors were attributed to the aircrew and the environment, with decidedly fewer associated with supervisory and organizational causes.

Comparisons were made between HFACS categories and traditional situational variables such as weather, lighting, and geographic region. Recommendations were made based on the HFACS findings presented.
