

1. Record Nr.	UNISA996321081603316
Titolo	Iranian journal of health, safety & environment
Pubbl/distr/stampa	[Tehran] : , : Iranian journal of health, safety and environment
ISSN	2345-5535
Descrizione fisica	1 online resource
Soggetti	Environmental health Environmental Health Periodical Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed
2. Record Nr.	UNINA9910975079203321
Autore	Bennett Simon <1958->
Titolo	Aviation safety and security : the importance of teamwork, leadership, creative thinking and active learning // Dr Simon Bennett
Pubbl/distr/stampa	Faringdon : , : Libri Publishing, , 2015
ISBN	1-909818-68-2
Descrizione fisica	1 online resource (39 p.)
Soggetti	Aeronautics - Security measures Aeronautics - Safety measures
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.
Nota di contenuto	Cover; Title Page; Copyright; Contents; Preface; Introduction; Promoting Safety and Security; The US Airways ditching; Lessons; Security lapses

at a major airport; Conclusions; Bibliography; Copyrights (all illustrations via Wikimedia Commons)

Sommario/riassunto

On March 27, 1977 at Los Rodeos airport in Tenerife, 583 people were killed when two Boeing 747s collided. According to investigators, poor flight-deck teamwork contributed to the disaster. Shocked by the unprecedented loss of life the airline industry set about equipping pilots and flight engineers with teamworking skills. The industry's teamwork training programme, commonly known as Crew Resource Management (CRM), has helped make aviation one of the safest forms of transportation. CRM's migration into military aviation has helped reduce mishaps by 50% - 81%. According to academics Robyn Clay-Williams, David Greenfield, Judy Stone and Jeffrey Braithwaite, in health care CRM has helped secure "modest improvements in levels of patient safety." This monograph makes the case for teamwork training. Case studies, for example of the salvaging of a crippled DC-10 by Captain Al Haynes and his crew, show the benefits of teamworking. The monograph also promotes leadership skills: in the final analysis, every team requires a leader who can set the right example, inspire, canvass, co-ordinate, appraise and represent. Finally, the monograph makes the case for creative thinking and active learning. Teams should be crucibles for new thinking. A team whose leader encourages reflection and creativity has the potential to change the status quo for the better. Witness how Apollo 13's Flight Director, the legendary Gene Kranz, inspired an occasionally fractious group of ground engineers (fatigue affects performance and mood) to improvise an air purifier from log-book covers, spare filters, hoses and duct-tape. Kranz's ability to organise, lead, cajole and inspire saved the lives of the Apollo 13 astronauts. Kranz's leadership and focus ensured his engineers realised their potential."
