



**European Conference on Aerospace Medicine
2010 Athens
10th – 13th November 2010**

ABSTRACT

Title: THE EXISTING TRAINING ON HUMAN LIMITATIONS IN AVIATION – IS IT USEFUL ENOUGH?	
Author(s) Name: E.A. Cataman	
Affiliation: Civil Aviation Administration, Chisinau, Republic of Moldova	
<p>As a result of accident's investigation and research in human error the training on Human performance and limitations was developed and launched in the middle of 1980s. This training as the requirement is approved for pilots, air traffic controllers and other operational personnel in aviation. The most important aim of this training is to recognize the human limitations and act appropriately to ensure flight safety under any circumstances. This presentation refers to the training related to flight crew health, fatigue and other topics of physiological and psychological fitness to fly.</p> <p>What interferes with the operational personnel effectively use this training? Could we confirm that the training was productive and ensure its updating?</p> <p>The presentation provides an opinion on these issues. Relevant requirements of ICAO Annex 1 and JAR-FCL 1 are quoted. The statistical data of safety reports and the examples from accident investigations were used for the purpose of the analyses.</p> <p>The comprehensive education of the operational personnel along in the matters of human factors is not sufficient. All levels in aviation management should be well aware of the health issues and risks caused by fatigue in order to secure the flight safety. That could lead to mutual understanding of the human limitations by those who create the rules, manage and operate in aviation. This also will ensure the appropriate conditions for the effective use of knowledge in human factor. The standard terminology for human related causation of incidents and accidents can significantly help for further improvement of the training.</p>	
Name and address for correspondence: Dr. Elena Cataman, Civil Aviation Administration, Aeroport, Chisinau, MD 2026, Moldova	
Telephone No.: + 37322526436	Fax No.: + 37322529118
E-mail: cataman@caa.md	Date: 30/08/2010