



ASSEMBLY 39TH SESSION

TECHNICAL COMMISSION

Agenda Item 37: Other issues to be considered by the Technical Commission

MEDICAL REQUIREMENTS FOR ADMISSION OF SPECIALISTS TO OPERATIONS WITH HARMFUL AND/OR HAZARDOUS OPERATIONAL FACTORS IN CIVIL AVIATION

(Presented by the Interstate Aviation Committee)

EXECUTIVE SUMMARY

Intensive development of civil aviation causes necessity for the expansion of legal framework on medical-sanitary provision in civil aviation, revision and supplementation of medical requirements, considering health condition of civil aviation specialists, including specialists operating in environment with harmful and hazardous operational factors, strengthening of medical control and conduction of treatment-and-prophylactic and rehabilitation activities to preserve health and professional longevity of specialists, increasing human factor reliability in promoting flight safety in civil aviation.

This document is submitted for the purpose of informing the aviation community about “Medical requirements for admission of specialists to operations with harmful and/or hazardous operational factors in civil aviation” accepted by Council on Aviation and Airspace Use for application in the region of Member-states of the Agreement on Civil Aviation and Airspace Use (onward Member-states of the Agreement).

<i>Strategic objective</i>	This working paper relates to the Safety Strategic Objective.
<i>Financial Implications</i>	No additional funds required.
<i>References</i>	Annex 1 Annex 13 Doc 9756, <i>Manual of Aircraft Accident and Incident Investigation</i> Working Environment (Air Pollution, Noise and Vibration) Convention, 1977 (No. 148). International Labour Organization. Convention No. 187, concerning the promotional framework for occupational safety and health (Geneva, 15.VI.2006). Doc 8984, <i>Manual of Civil Aviation Medicine</i>

¹ English and Russian provided by the Interstate Aviation Committee.

1. INTRODUCTION

1.1 The influence of complex harmful and hazardous operational factors on civil aviation specialists causes the development of chronic exhaustion of functional reserves of human body and pathological processes, connected with professional activity. The implementation of targeted medical-sanitary control, curative, prophylactic and rehabilitation activities, using uniform requirements to preserve health and longevity of specialists, increasing human factor reliability in promoting of flight safety in civil aviation is necessary.

2. DISCUSSION

2.1 Performed analysis of legal documents, concerning the organization and conduct of obligatory medical examination of the specialists, working in harmful and/or hazardous environment, of Members-States of the Agreement, has demonstrated, that due to the specificity of the industrial activity, connected with flight safety and influence of various labour factors, high requirements for health condition, current aspects of harmful and/or hazardous operational factors are not fully taken into consideration.

2.2 The Interstate Aviation Committee (IAC), jointly with the Scientific and Research Institute of Labor Medicine of Academy of Medical Science of the Russian Federation, with due regard to ICAO International Standards and Recommended Practices, and to the documents of the World Health Organization (WHO), the International Labor Organization (ILO) and legal documents of Member-States of the Agreement, has developed “Medical requirements for admission of specialists to operations with harmful and/or hazardous operational factors in civil aviation” (provided at IAC web-site www.mak-iac.org <http://mak-iac.org/upload/iblock/c40/%D0%90%D0%9F%20%D0%9C%D0%A2%D0%94%D0%A1.pdf>)

2.3 Above document contains:

- The extended list of working activities in civil aviation, performed in the environment with harmful and hazardous operational factors, which require obligatory medical examinations;
- the procedure of obligatory medical examinations of specialists, working in the environment with harmful and hazardous operational factors;
- criteria for the evaluation of working conditions according to the level of harmful and hazardous operational factors.

2.4 Medical requirements, accepted for application in practice by civil aviation specialists, implementing organization and control of the evaluation of working conditions, obligatory medical examinations and compliance the requirements, related to safety and health protection of the personnel.

2.5 For the purpose of decreasing professional damage to health, prevention of occupational diseases and injuries of specialists, extension of professional longevity and increasing flight safety, the above mentioned document contains unified approach to the guidelines, requirements and procedures, regulating the conduct of obligatory medical examinations and medical requirements for the admission of personnel to professional operations in conditions of harmful and hazardous operational factors.

2.6 This document is submitted to the aviation community for the purpose of informing it about the results achieved, concerning the issues of specialist’s safety and health care system improvement and is offered to the States for application in the field of civil aviation.