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**SAFETY OF FLIGHTS AND HUMAN FACTOR: FLIGHTS INDUSTRY
AND OPTIMIZATION OF THEIR STRUCTURES IN PREVENTION
OF AIR ACCIDENTS**

Under the production of flights we can understand the complex of such production processes that provides flight operations under the different conditions, forms structures of events to ensure the flight safety, provides compliance with airworthiness, certification of all types of aviation personnel training and also taking measures to prevent accidents [1].

Normative documents of flight's production are contained in international standards of ICAO, in normative legal acts from the side of governments of different countries, and also in normative airline's documents. That's why these normative documents can be divided according to the methodological principle: general, special and single.

The feature of the development structure of normative legal flight production's documents in CIS countries (in countries that use the airspace) is that during the period of allied fleet existence the general document that was created is called IFP (instruction on flight production) [2].

First IFPs were created in 1947 and during the fleet existence these documents were subjected to the permanent improvement in sphere of flight safety. Example of such improvement is the development of the flight ensuring types (technical, media software, navigational and etc).

From the one side in 90s with the appearance of individual airlines such type of documents as IFP-85 were saved as factual and from the other side airlines created their own documents in the flight production of GFP (guide to flight production).

The structure of IFP and GFP are compared from the point of view of HF problem solution. Nowadays we have found the appearance and existence of such documents as IFP and FPM and their modernization. The structure and content must be required to the ICAO. We provided their analysis and it shows that as all our airlines were developed from the airflot of USSR, where during many years the main document was IFP, so these documents were changed.

References:

1. *Operation of Aircraft* // Appendix 6 to the Convention on International Civil Aviation. Part 1. Ninth edition, 2010.
2. *Наставление по производству полетов в гражданской авиации СССР* (НПП ГА – 85). Москва: «Воздушный транспорт», 1985, 254с.