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Active renewal and replenishment of fleet of the NAC “Uzbekistan Airways” by aircraft of western manufacturers causes buying the new simulators to support high level of skills and preparation of air crews of the NAC.

The National aircompany of Uzbekistan has bought the new Full-Flight-Simulator (FFS) of the aircraft A320 of Canadian manufacturer “CAE”, which produces simulators for the aviation. With this FFS the air crews will realize practicing the actions in special cases of flight and reinforce the skills of pilotage in conditions, as much as possible approximated to the real ones.

Full-Flight-Simulator of the aircraft A320 is the newest product of the company “CAE”, equipped with modern computer software, systems of mobility and visualization. The system of visualization of series “Tropos 6000 XR” consists of collimation display, database of airports information and three-channel system “IG”, which has been designed in accordance with industrial standards to provide high-quality formation of images for all kind of applications and allows to calculate difficult and effective visual scenes in non-standard situations.

New simulator is the complete analogue of cockpit of aircraft A320, mounted on the mobile platform with six degree-of-freedom. Automatic managing system of level of detailing (LOD) provides generation and reflection of maximal number of elements of given situation without detriment to reliability of many visual signals produced. The angle of horizontal field of view is 200 degrees and the vertical one is 43 degrees. The weight of the simulator is about 10 tons.

The company “CAE” had delivered the FFS A320 at the end of August of this year. Installation and assembling works, software set-up and adjusting the simulator equipment were performed by the specialists of the manufacturer. After performance of tests by pilot-instructors of the NAC and after acceptance of simulator the State Inspectorate of the Republic of Uzbekistan on Flight Safety Supervision has given the certificate for exploitation of new simulator on the base of results of qualifying assessment.

To provide the technical support of the simulator at the first stage the Canadian experts have taught eight engineers of aircompany in the Training Centre of the NAC, which have obtained permission for independent maintenance of the FFS. At the day when the FFS had been put into operation the first group of pilots of flight division “A320” of Flight Complex of the NAC began to train on simulator.

We must note that technical equipment of the Training Complex of the NAC gives opportunity to the National aircompany to perform training preparations not only for own air crews, but to offer services on pilot education and re-training to the foreign aircompanies. Today the modern simulators for aircraft “Boeing 757/767”, “A320” and unique Full-Flight-Simulator of aircraft “IL-114-100” are working in the Training Complex of “Uzbekistan Airways”. Upon launching the Full-Flight-Simulator A320 in the NAC the necessary base for preparation and re-training of the pilots on Airbus A320 has been founded. Now they may train without inviting the foreign educational centers.

Informational Service of the NAC