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ODSJEK AERONAUTIKA

ZAVOD ZA AERONAUTIKU

Laboratorij za simulaciju letenja



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DIVISION OF AERONAUTICS

DEPARTMENT OF AERONAUTICS



Flight Simulation Laboratory



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Naziv opreme / Equipment name

Simulator leta BT-220

Flight Synthetic Training Device BT-220

Proizvođač / Manufacturer

BT Simulation, Graz, Austria



Namjena i opis / Purpose and description

Istraživanje ponašanja zrakoplova i opreme aviona Piper Seneca III u letu.

Flight Synthetic Training Device – simulator leta BT-220 je kategoriziran i certificiran kao FNPT II (Flight Navigation Procedure Trainer, nivo II) od strane Hrvatske

agencije za civilno zrakoplovstvo (CCAA). Koristi se za simuliranje letenja i ponašanja generičkog dvomotornog klipnog zrakoplova, a temeljen je na performansama stvarnog aviona Piper Seneca III. Pored navedenog, moguće je simulirati i sve operativne procedure i navigacijske postupke u letenju.

Simulator se sastoji od makete pilotske kabine zrakoplova Piper Seneca III sa svim uređajima i komandama za dva pilota, instruktorske stanice za kontrolu leta sa mogućnošću simulacija otkaza i kvarova zrakoplova i opreme, promjene meteoroloških uvjeta itd. te vizualnog ekrana postavljenog ispred makete pilotske kabine.

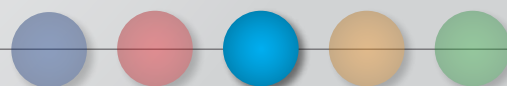
Research of airframe and equipment flight handling of Piper Seneca III aircraft.

Flight Synthetic Training Device – BT-220 is categorised and certificated as FNPT II (Flight Navigation Procedure Trainer, level II) by the Croatian Civil Aviation Agency (Hrvatske agencije za civilno zrakoplovstvo (CCAA)). It is used to simulate the flight characteristics and handling of a generic twin-engined piston airplane and is based on the performance of Piper Seneca III. Also, all types of operational and navigational procedures can be simulated.

Simulator is made of cockpit mock-up of a Piper Seneca III aircraft including all flight controls and instruments for two pilots, instructor station with options to simulate failures of systems and equipment, changing weather conditions etc. A visual display is located in front of the cockpit mock-up.

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Naziv opreme / Equipment name

Simulator leta BT-222

Flight Synthetic Training Device BT-222

Proizvođač / Manufacturer

BT Simulation, Graz, Austria



Namjena i opis / Purpose and description

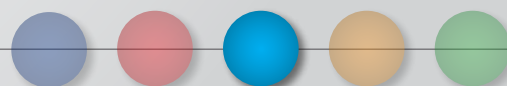
Istraživanje ponašanja zrakoplova i opreme aviona Piper Cheyenne II u letu. Flight Synthetic Training Device – simulator leta BT-222 je kategoriziran i certificiran kao FNPT II MCC (Flight Navigation Procedure Trainer, nivo II Multi Crew Cooperation) od strane Hrvatske agencije za civilno zrakoplovstvo (CCAA). Koristi se za simuliranje letenja i ponašanja generičkog dvomotornog turboprop zrakoplova, a temeljen je na performansama stvarnog aviona Piper Cheyenne II. Pored navedenog, moguće je simulirati i sve operativne procedure i navigacijske postupke u letenju te procedure suradnje višečlane posade (MCC). Simulator se sastoji od makete pilotske kabine zrakoplova Piper Cheyenne II sa svim uređajima i koman-dama za dva pilota, instruktorske stanice za kontrolu leta sa mogućnošću simulacija otkaza i kvarova zrakoplova i opreme, promjene meteoroloških uvjeta itd. te vizualnog ekrana postavljenog ispred makete pilotske kabine.

Research of airframe and equipment flight handling of Piper Cheyenne II aircraft. Flight Synthetic Training Device – BT-222 is categorised and certificated as FNPT II MCC (Flight Navigation Procedure Trainer, level II Multi Crew Cooperation) by the Croatian Civil Aviation Agency (Hrvatske agencije za civilno zrakoplovstvo (CCAA)). It is used to simulate the flight characteristics and handling of a generic twin-engined turboprop airplane and is based on the performance of Piper Cheyenne II. Also, all types of operational and navigational procedures can be simulated including Multi Crew Cooperation procedures.

Simulator is made of cockpit mock-up of a Piper Cheyenne II aircraft including all flight controls and

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instruments for two pilots, instructor station with options to simulate failures of systems and equipment, changing weather conditions etc. A visual display is located in front of the cockpit mock-up.

