

Informing Afghan National Army Force Structure Sustainability Using Discrete Event Simulation

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Abstract: Combined Security Transition Command - Afghanistan (CSTC-A) faces unique challenges in training, advising, and assisting the Afghan National Security Defense Forces (ANDSF). The ANDSF includes the Ministry of Defense and Ministry of Interior forces. Foundational to efforts in Afghanistan, is building capable, sustainable, and affordable Afghan defense forces and the associated processes for maintaining professional military and police organizations. The Tashkil provides the most relevant understanding of personnel and equipment for the ANDSF. This authorization document is the definitive source which documents the gender, rank, and skills to man and equip both the Afghan National Army (ANA) and Afghan National Police (ANP). This report develops and documents a discrete event simulation to support CSTC-A and the ANA to address the sustainability of the ANA's personnel force structure. Where permissible and applicable, the report will highlight necessary background information, divulge specific methodology utilized, and discuss potential utility for CSTC-A.

Keywords: Force Structure, Simulation, Sustainability, Human Resources