Project Overview

The GE T700 series turboshaft engine is the powerplant for multiple aircraft and vehicles currently in the US Army inventory. The purpose of this project is to create an accurately detailed 3D model of the engine and design a user interface to serve as a training aid for flight training and maintenance applications. The end state is to show the capabilities of digital animation and 3D modeling to create enhanced visual interactive training aids for study, theory of operation, maintenance procedures, and performance considerations.

References
1. US Army TM 1-1520-251-10
2. LSI Engine VIE program
3. 2009 Longbow Study Guide
4. USAACE FSXK1 AH-64D Academic Handouts

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