

CAD Answers

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Sample work: Document Conversions

This task was part of the Air Force ADCS (automated data conversion systems) project focuses on converting technical data of Air Force weapon systems, traditionally on 2-D paper or Mylar forms, into 3D intelligent data in a digital format.

The primary purpose of this work is to convert full scale “high tolerance” undimensioned engineering drawings resident on stable-based media to intelligent 2-D datasets or 3-D data models in appropriate formats and with the required level of details. Combined with support by “enterprise” PDM, weapon system replacement part procurement actions and/or modification procurement actions will be effectively enhanced. In most cases the “conversion products” will replace the original engineering drawing and represent the formal Product Definition Authority (PDA) of specified parts.

