

To: Ken Soucy  
From: Edward Ford  
Date: February 1, 1993  
Subject: January Monthly Report

CADD Software Study:

There are two Computer-Aided Design and Drafting (CADD) software packages currently in use at Remington - Computer Vision's CADDs 4X and Autodesk's AutoCAD v.12.0. The original study was to determine which of these packages could satisfactorily meet both R&D and ATO requirements in the hope of converging to one system. The study has expanded to include Parametric Technology's Pro/ENGINEER and Structural Dynamics Research Corporation's (SDRC) I-DEAS.

The M/700 Stainless Steel Stock was chosen as the benchmark. It consists of a data file containing laser digitized data defining the stock contour. Each company is to reverse engineer this part by creating surfaces from the digitized data. A copy of the benchmark was sent to Computer Vision and Parametric Technology. Parametric Technology presented their results during the January Technical Presentation held on January 19, 1993. Their system appears capable of fulfilling our design requirements, however, they did not follow the rules of the benchmark. Instead of using the digitized data to create surfaces they used the data to obtain dimensions which they used to create the stock from scratch. Computer Vision has chosen not to participate in the benchmark until additional information is obtained about the recently signed guideline contract between DuPont and Parametric Technology.

Autodesk and SDRC are scheduled to receive a copy of the benchmark in February.