THE DESIGN OF OPTIMIZATION PRODUCTION PROCESS OF CONTROLLABLE PITCH PROPELLER BLADE WITH CNC

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Abstract
The production process of blade Controllable Pitch Propeller in addition to casting methods can also use the method of Computer Numerical Control (CNC). In the production process with CNC, there are several kinds of path selection processing tool (tool path) and type of tool itself. Each track progress as well as selected types of tools that require a different time in the process. Time progress can be simulated using MasterCAM software, so it can be tested first before working with CNC machines. In this final project we will analyze the combination of tools and options execution path that requires the shortest time.

Key Words: CNC, CPP, tool, tool path, Master CAM
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