CASE STUDY

Hampson Aerospace Alcester, UK Increases Efficiency by 66% with Implementation of Forming Technologies Flat Pattern Solution

Forming Technologies Inc., – Oakville, ON, Canada

Hampson Aerospace – Needs a solution to reduce tooling try-out time on flat laser bed.

Customer Concern:

- Reduce development time to calculate Blank shape
- Reduce development costs to calculate Blank shape
- Ability to provide accurate quotes

Solutions Provided:

- Utilize FTI's Flat Pattern software
- Used software to estimate material weight and cost
- Implement technology to reduce tooling try-out time over conventional methods

Results:

- Ability to read Client models
- Ability to provide accurate materials usage and reduce cutting time
- Optimized material utilization reducing waste
- Increased uptime press for production with less development time required

Summary:

- Reduced tooling try-out time by 66%
- Reduced typical job development time by 2-4 weeks
- Improved production by 5% with less development required

***"This solution offers us significant savings in laser time, pressing time and most of all material, as all of our parts are made from stainless steel, hastelloy-x or nimonics . – Jason Hewitt, Manufacturing Projects Engineer, Engineering Office*, Hampson Aerospace**

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