

Aerospace coding

Your Reality Today

Direct parts marking is complicated and time consuming

CODING ERRORS INCREASE COSTS

Errors that increase your material and time costs because of rework and/or rejected parts by you customers

MANUAL WORK

Manual work to input and apply codes to every part, maintain printers, and manage part changeovers or code changes.

DIFICULT CODE MANAGEMENT

Difficulty of managing the coding process as the last step in your production.

POOR CODE QUALITY

Variable code quality due to manual adjustments – especially with handheld coders or ad-hoc solutions

VIDEOJET CAN AUTOMATE AND SIMPLIFY YOUR AEROSPACE CODING

In a world where a single jet engine can be comprised of 40,000 individual parts, there can be many thousands of coded parts on finished airplane or even on a major sub-assembly. The importance of aerospace parts coding multiplies further when considering that a single component may be coded multiple times, such as before and after painting as well as in a final part assembly, and that these codes will be read by both machines and human eyes throughout the production process.

WORRY-FREE CODING

Videojet has worry-free coding solutions designed to maximize production value for high-tech, small batch producers and high-volume manufacturers alike

01

REDUCE ERRORS

Verification of code content and quality on every job and every part can help you reduce errors

02

POWERFUL INTEGRATION

Integration with mark-in-place parts marking systems and software to meet your specific marking needs – Videojet and third party options are available.

03

AEROSPACE INKS OEM APPROVED

Aerospace inks to meet OEM specifications and provide maximum adhesion, legibility, and durability - OEM approvals comprising 27 inks across 10 major aerospace manufacturers that encompass a range of substrates, performance characteristics, and print colors

04

CHANGE MESSAGES EASILY

Ability to change messages from part to part and manage serialization or unique part identifiers

05

MULTI-POINT MARKING FOR TRACEABILITY

Parts marking is a quality requirement in aerospace manufacturing, and marks are used at multiple points of assembly to improve part traceability and to help ensure build specifications are met for larger assemblies.

06

Easily code the right message every time, verify that it is correct, and protect your reputation with your customers.