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Technologies such as 3D printing offer the aerospace industry a number of benefits, including increased efficiencies, and faster, smoother production, testing and certification processes.

Advanced manufacturing for a more efficient aerospace ...

3D printing technologies have a significant impact on the aerospace industry when the cost of highly complex one-off components can be justified by a substantial improvement in aircraft performance: the average corporate aircraft travel 75,000 miles per month and a single component that was designed and

manufactured with 3D printing reduces air drag by 2.1%, reducing fuel costs by 5.41%!

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Global value chains are reshaped with this seamless integration that are enabling various highly complex geometries for mission critical projects in space research or aerospace component manufacturing of turbine blades and engine parts are manufactured as a consolidated design with better performance and light weighting of parts that are efficiently manufactured with minimum skill sets, with minimum time that are cost effective.

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The Future of 3D Printing in Aerospace with Greg Reynolds ...

Protolabs' special operations manager, Stephen Dyson looks at how advanced manufacturing techniques like 3D printing can be utilised to create a more efficient aerospace industry. Manufacturers everywhere are facing an increasing demand from their customers for parts to be produced in rapid time, at the lowest possible price and without any compromise in the level of quality.

Protolabs: How 3D printing can create a more efficient ...

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Metal 3D Printing for aerospace engineering

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