Aerospace | Maintenance and repair (MRO)

Aerospace Air Supply Duct



Technology: HP Industrial Filament (IF)

Solution: HP Industrial Filament (IF) 3D Printer 600 High Temperature (HT) Solution

Material: HP 3D Filament ULTEM™ 9085 (by SABIC)

End use part redesigned to replace obsolete part (MRO), not available on the market anymore and material selected to meet the requirements of the aviation industry.

Using HP Industrial Filament technology to produce this part, the customer is now benefiting from:

- Material has UL94 V-0 flammability rating (self extinguished material)
- Material complies with FAR 25.853 requirements for flame, smoke, and toxicity (FST)
- Lightweight (up to 40% lighter than aluminum alloys), which is crucial in aerospace, space and transportation industries