



FREELANCE CAD DESIGNER

HISTORIC AVIATION & SCALE MODELLING

Fischkopp Model Company develops highly detailed resin detail and conversion sets for scale modellers worldwide. Our products are based on intensive historical research and a deep understanding of aircraft technology.

To support our growing project pipeline, we are looking for an experienced freelance CAD designer to join us on a project basis.

THE ROLE

You will create accurate, production-ready 3D CAD models based on reference material and design briefs provided by us.

Projects range from individual components to complex mechanical, structural and aircraft-system assemblies.

Our designs must combine historical and technical accuracy with the practical requirements of scale, resin 3D printing and assembly.

Your work will be based on:

- Original technical drawings and manuals
- Historical photographs
- Measurements and engineering data
- Existing CAD geometry
- Detailed design briefs

WHAT WE ARE LOOKING FOR

- Strong experience with Fusion 360
- Ability to interpret technical drawings and historical documentation
- Good understanding of mechanical systems, structures and assemblies
- Understanding of the functional logic represented by ATA Chapters and the ability to apply this system-based thinking to historic aircraft, even where ATA classification was not originally used
- Experience in aircraft engineering, aircraft construction or the reconstruction of historic aircraft and a sound understanding of historical aviation technology is highly desirable.
- Ability to reconstruct components from multiple or incomplete historical references
- Excellent attention to technical detail
- Understanding of tolerances and design for 3D printing
- Reliable, independent working style and clear

HOW WE WORK

We provide the research and define the historical and technical requirements. You translate these into clean, accurate and manufacturable CAD geometry.

Work will initially be assigned in clearly defined packages. Successful cooperation may develop into a long-term collaboration with increasing responsibility.

Please note that projects may involve confidential and unreleased product information.



Interested?

Please send us:

- Short introduction
- CAD/software experience
- Relevant portfolio examples
- Scale modelling or aviation experience (if applicable)
- Location / time zone
- Your usual freelance rate

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