

Andrew Chapin-Cole

Lead 3D Artist · Technical Visualization · Motion Design & Video

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PROFESSIONAL SUMMARY

Lead 3D Artist, Video Editor, and 2D Animator specializing in photorealistic 3D visualization, technical animation, motion graphics, and cinematic digital content. Create detailed models, polished renders, educational animations, and branded media for a nationally used online training platform. Advanced in Blender and Adobe After Effects, with a focus on transforming complex technical subjects into clear, production-quality visuals.

PROFESSIONAL EXPERIENCE

Lead 3D Artist | Video Editor | 2D Animator

AviatorPro · January 2025 – Present · aviatorpro.com

- Create high-quality 3D models, photorealistic renders, technical animations, motion graphics, and edited video content for AviatorPro, an online flight training platform used by students and flight schools nationwide.
- Produce a high volume of educational visual content deployed across training courses, digital lessons, website pages, marketing materials, and social media channels.
- Develop technically accurate visual explanations of complex subjects including aircraft systems, mechanical components, flight concepts, and instructional procedures.
- Created a photorealistic full-scale [Piper Archer TX](#) recreation and an animated Lycoming aircraft engine model for educational and promotional use.
- Produced animation and rendered content featured across AviatorPro digital channels and shared through Piper Aircraft's official social media.
- Manage complete project pipelines from reference gathering through modeling, materials, lighting, rendering, compositing, animation, editing, and final delivery.

TECHNICAL SKILLS

3D Production: Blender, Photorealistic Modeling, Hard-Surface Modeling, Technical Visualization, Product and Vehicle Modeling, Reference-Based Asset Creation, Texturing, UV Mapping, Materials, Lighting, Rendering, Compositing, Procedural Workflows

Animation and Video: Adobe After Effects, 2D Animation, Motion Graphics, Technical Animation, Video Editing, DaVinci Resolve, Educational Content Production, Cinematic Presentation

Additional Tools: ZBrush, Adobe Creative Suite, Visual Storytelling, Technical Accuracy, Independent Production, Brand Visualization, Problem Solving