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# COMPUTATIONAL FLUID DYNAMICS ANALYSIS SUCCESS STORIES OF X-PLANE DESIGN TO FLIGHT TEST



Computational Fluid Dynamics  
Analysis Success Stories of X-  
Plane Design to Flight Test

NASA Technical Reports Server  
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BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Examples of the design and flight test of three true X-planes are described, particularly X-plane design techniques that relied heavily on computational fluid dynamics(CFD) analysis. Three examples are presented: the X-36 Tailless Fighter Agility Research Aircraft, the X-45A Unmanned Combat Air Vehicle, and the X-48B Blended Wing Body Demonstrator Aircraft. An overview is presented of the uses of CFD analysis, comparison...

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