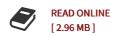




Northrop N-63 Convoy Fighter: The Naval Vtol Turboprop Tailsitter Project of 1950 (Paperback)

By Jared A Zichek

Retromechanix Productions, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. The Northrop N-63 was an unconventional VTOL turboprop tailsitter aircraft proposal submitted to the US Navy s convoy fighter competition of 1950, which ultimately produced the Convair XFY-1 Pogo and Lockheed XFV-1 Salmon. It was a single-seat high performance fighter designed to protect convoy vessels from attack by enemy aircraft, and for vertical unassisted takeoff from, and landings on, small platform areas afloat or ashore. The N-63 featured a straight wing with pronounced dihedral and a very large ventral T-tail; armament consisted of four 20 mm cannon mounted in large pods on the wing tips. The aircraft was powered by an Allison XT-40-A-8 turboprop engine driving 15.5 ft six-blade dual-rotation propellers. The Northrop convoy fighter was designed to land vertically on a robust central landing strut in a collapsible tailcone as well as small shock absorbers located on the aft ends of the wing pods and vertical stabilizer; these landing support points were spread far apart to enhance stability on the deck. In addition to the N-63, Northrop also submitted the N-63A scale prototype airplane design, a small technology demonstrator powered by an Armstrong...



Reviews

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