

Convair XFY-1

The Convair XFY was one attempt made during the 1950s to create an aircraft that could take off and land vertically. Like almost all attempts this one was not a success.

The Convair XFY-1 was developed to test the potential of small single-seat fighters capable of operating from and to a variety of ships. The XFY was extensively tested in tethered flights from April 1954, followed by a first vertical take-off and landing on 1 August. Testing continued with a series of similar flights before a successful transition to horizontal flight occurred on 2 November 1954. About 40 flight hours were completed until November 1956 when the project was abandoned because the engine and control systems were considered inadequate.

This model represents the second prototype.

Data: Data: experimental single-seat fighter. *Engine* one Allison YT40-A-6 turboprop engine of 3,800kW (5,850 ehp). *Wing span* 8.43m (27ft 7³/₄in). *Length* 9.83m (34ft 11³/₄in). *Maximum take-off weight* 7,371kg (16,250lb). *Maximum speed* 980km/h (610mph). *Range* 800km (513miles). *Armament* four 20mm cannon in wing-tip pods (proposed). *Crew* 1.

KP 1/72 kit. Completed in September 1996.



THE LITTLE AVIATION MUSEUM