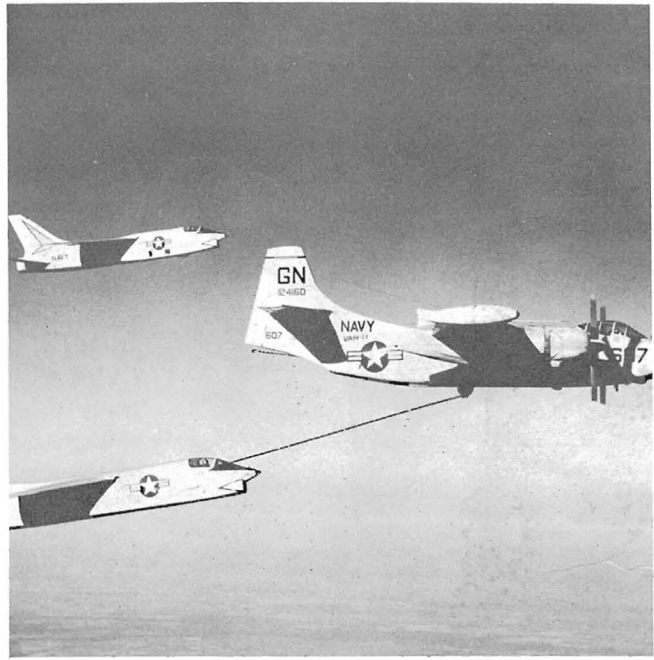
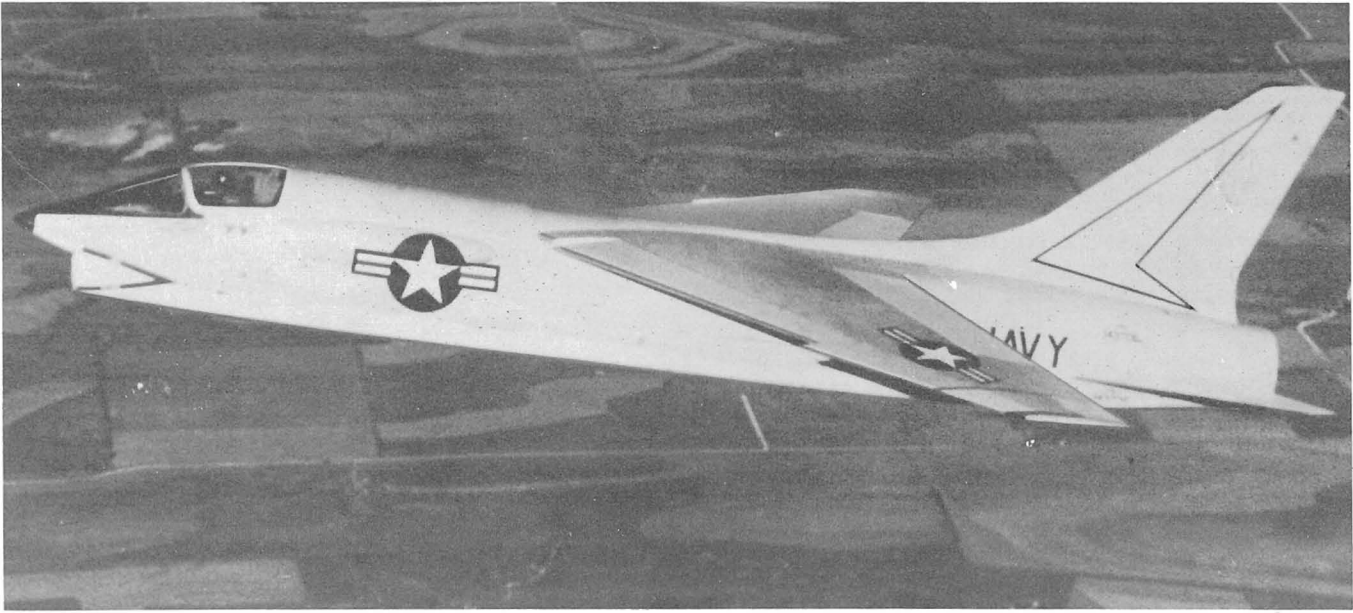


The F8U Crusader is a single-seat supersonic sweptwing fighter designed for carrier use. The variable-incidence wing, whose angle is changed for take-offs and landings, is set high and well back on the fuselage. The horizontal tailplane, which is a small replica of the wing, is mounted well down on the fuselage tail. When viewed from the front or rear the dihedral of the horizontal tailplane contrasts with the cathedral of the wings, and together they form a good recognition feature. On August 21, 1956, an F8U set an American speed record of 1,015.428 m.p.h. A photo-reconnaissance version of the F8U set a U.S. trancontinental record on July 16, 1957, by flying from Los Angeles to New York in 3 hr 23 min 8.4 sec, for an average speed of 732.52 m.p.h. A newer, more powerful version of the Crusader, the F8U-2, has been developed. It resembles the F8U-1 except for the addition of two ventral fins mounted under the tail section and two afterburner air scoops on the tail cone.

DATA APPLY TO F8U-1

| AIR FRAME            |               | OPERATIONAL DATA        |             | POWER PLANT    |                             |
|----------------------|---------------|-------------------------|-------------|----------------|-----------------------------|
| Mfr.                 | CHANCE VOUGHT | Max. Range (Naut.Miles) | 1,200 plus  | No. of Engines | 1                           |
| Wing Span            | 35'8"         | Crew No.                | 1           | Model No.      | J57-P-4                     |
| Length               | 54'3"         | Max. Speed (Knots)      | 875 plus    | Mfr.           | P & W                       |
| Combat Weight (Lbs.) | 23,500 plus   | Service Ceiling (Ft.)   | 50,000 plus | Type           | Turbojet                    |
|                      |               |                         |             | Rating Each    | 11,000# plus<br>5,000# A.B. |



F8U-2

