

DOUGLAS CA-4E, CA-4F

Background Information

Douglas Aircraft Company is offering two versions of its famous Skyhawk line of tactical aircraft on the world military market -- the CA-4E and the CA-4F.

These two new Skyhawks offer proven capability in air-to-ground attack, air defense, reconnaissance and training operations in all types of weather.

The axial flow, turbojet Pratt & Whitney J52-P-8A engine produces a 10 per cent increase in thrust over earlier Skyhawks, providing extra payload capability to match updated avionics and other optional new equipment.

New wing lift spoilers shorten the landing roll-out by as much as 1000 feet and provide excellent crosswind handling, which also is enhanced by the addition of nose wheel steering. Low-pressure tires add to the advance area support field capabilities, and both the CA-4E and the two-place CA-4F can operate from carriers or airfields.

The CA-4E and CA-4F offer maximum pilot protection and survivability through bullet and flak-resistant materials and by the arrangement of surrounding gear, along with Douglas ESCAPAC zero-level, zero-speed rocket ejection seats.

The CA-4E's delta wing spans 27.5 feet, its length is 41.3 feet and it stands 15 feet high. Empty weight is 9800 pounds. Maximum

take-off weight is 27,420 pounds from land bases and 24,500 pounds from carriers.

The CA-4F model is similar to the new U.S. Navy TA-4E trainer, now in production at Douglas Aircraft Division, Long Beach, Calif., with the addition of a self-sealing dorsal fuel tank and low-pressure main gear tires. In addition to the dorsal tank, the "F" model is lengthened 2.3 feet to allow for the second pilot's seat. Its empty weight is 10,959 pounds.

Along with its application as a trainer, the CA-4F has the same full range of combat capabilities as its single-seat sister.