

CONVAIR F-102 DELTA DAGGER

F-102 SERVICE

Manufacturer: Convair Aircraft Corp., San Diego, California, USA
(In 1954, became Convair Division of General Dynamics Corp.)
Model: Model 8
(Developed from the 1948 Convair Model 7 XF-92A)
Designations: F-102; PQM-102
Name: Delta Dagger

First official flight: YF-102 24/10/1953
Factory production period: 1953 – 1958
Primary service period: 1956 – 1970
Last official flight: F-102A 10/1976

F-102 VARIANTS

| | | | | |
|------|-----------------------|----------------|-----|---------------------------|
| 1953 | Model 8-80/-82 | YF-102 | 10 | |
| 1954 | Model 8-90 | YF-102A | 4 | Total: 0014 |
| 1955 | Model 8-10 | F-102A | 875 | |
| 1955 | Model 8-12 | TF-102A | 111 | Total: 0986 |
| | | | | <u>Total: 1000</u> |

F-102 PRODUCTION

YF-102

*Prototype delta wing jet interceptor fighter.
Second batch (Model 8-82) with design
improvements.*

produced 1953 – 1954

Convair San Diego, California (CO)

52-7994, 52-7995 -

53-1779 / 53-1786 -

10 **Total: 0010**

YF-102A

*As YF-102, fuselage redesign,
engine upgrade.*

produced 1954

Convair San Diego, California (CO)

53-1787 / 53-1790 -

4 **Total: 0004**

F-102A

As YF-102A, various improvements.

produced 1954 – 1958

Convair San Diego, California (CO)

53-1791 / 53-1818 -

54-1371 / 54-1407 -

55-3357 / 55-3464 -

| | | | |
|------------------|---|-----|--------------------|
| 56-957 / 56-1518 | - | | |
| 57-770 / 57-909 | - | 875 | Total: 0875 |

TF-102A

*As F-102A, trainer with side-by-side cockpit, combat ability retained.
produced 1954 – 1958*

Convair San Diego, California (CO)

| | | | |
|-------------------|---|-----|--------------------|
| 54-1351 / 54-1370 | - | | |
| 55-4032 / 55-4059 | - | | |
| 56-2317 / 56-2379 | - | 111 | Total: 0111 |

87 additional airframes cancelled.

Total: 1000

F-102 CONVERSIONS

USAF

| | | |
|-----------------|------------|--|
| JF-102A | 1+ | F-102A, temporary conversions for test duties. |
| QF-102A | 215 | F-102A, 1973, piloted target drone conversions for F-15 program. |
| YF-102C | 2 | F-102A, 1957, strike version, project later cancelled. |
| PQM-102A | 65 | F-102A, 1974, unpiloted target drone conversions. |
| PQM-102B | 146 | F-102A, 1978-1986, target drone conversions, piloted or unpiloted. |

FOREIGN MILITARY / CIVILIAN SERVICE

- *F-102 Delta Daggers in military service with Greece and Turkey.*
- *Several F-102 Delta Daggers in service with NASA.*

CONVAIR F-106 DELTA DART

F-106 SERVICE

*Manufacturer: Convair Division of General Dynamics Corp.,
San Diego, California, USA*

Model: Model 8

Designation: F-106

Name: Delta Dart

First official flight: F-106A 26/12/1956

Factory production period: 1956 – 1960

Primary service period: 1959 – 1972

Last official flight: F-106A 08/1988

QF-106A 06/02/1998

F-106 VARIANTS

| | | | | |
|------|-------------------|---------------|-----|--------------------------|
| 1956 | Model 8-24 | F-106A | 277 | |
| 1958 | Model 8-27 | F-106B | 63 | <u>Total: 340</u> |

F-106 PRODUCTION

F-106A

*As F-102A, redesigned fuselage, fins, u/c, cockpit moved forward, many improvements. Original designation was (Model 8-21) F-102B. Later upgraded as **Model 8-31**.*

produced 1956 – 1960

Convair San Diego, California (CO)

56-451 / 56-467 -

57-229 / 57-246 -

57-2453 / 57-2506 -

58-0759 / 58-0798 -

59-0001 / 59-0148 -

277 **Total: 277**

140 additional airframes cancelled.

F-106B

*As F-106A, trainer with tandem cockpit, combat ability retained. First 8 temporarily designated as **JF-106B**. Later upgraded as **Model 8-32**.*

produced 1957 – 1960

Convair San Diego, California (CO)

57-2507 / 57-2547 -

58-0900 / 58-0904 -

59-0149 / 59-0165 -

63 **Total: 063**

36 additional airframes cancelled.

(Model 8-28/-29) F-106C / D – 1956, projected development projects, cancelled.

F-106E / F – 1968, projected development projects, cancelled.

Total: 340

F-106 CONVERSIONS

USAF

QF-106A / B 187 F-106A / F-106B, 1986-1998, target drone conversions.

NF-106B 2 F-106B, permanent conversions for test duties.

F-106C 2 F-106B, 1959, radar testbeds with extended nose section.