

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: 8 (Developed from the 1948 Convair Model 7 XF-92A)
Designations: F-102; PQM-102
Name: Delta Dagger

First official flight: YF-102 24 Oct 1953
Factory production period: 1953 – 1958
Primary service period: 1956 – 1970
Last official flight: F-102A Oct 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. Redesignated as F-102A after delivery.
produced 1954 – 1955

Convair San Diego, California (CO)
53-1787 / 53-1790 -

4 **Total: 0004**

F-102A

As YF-102A, various improvements.
produced 1955 – 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 1955 – 1958
Convair San Diego, California (CO)
54-1351 / 54-1370 -
55-4032 / 55-4059 -
56-2317 / 56-2379 -
87 additional airframes cancelled.*

111	Total: 0111
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Total: 1000

F-102 CONVERSIONS & TRANSFERS

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:	<i>Convair Division of General Dynamics Corp., San Diego, California, USA</i>	
Model:	8	
Designation:	F-106	
Name:	Delta Dart	

First official flight:	F-106A	26 Dec 1956
Factory production period:	1956 – 1960	
Primary service period:	1959 – 1972	
Last official flight:	F-106A	Aug 1988
	QF-106A	06 Feb 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.

First 2 batches temporally designated as

JF-106A. *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 temporally

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 & TRANSFERS

USAF

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

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

YF-106C 2 F-106B (57-239, 57-240), 1958-1961, radar test-beds with extended nose section.