

NORTHROP F-89 SCORPION

F-89 SERVICE

Manufacturer: Northrop Aircraft Inc., Hawthorne, California, USA
Models: N-24, N-35, N-49, N-68, N-71, N-138, N-160
Designations: F-89; P-89
Name: Scorpion

First official flight: XF-89 16 Aug 1948
Factory production period: 1947 – 1956
Primary service period: 1951 – 1961
Last official flight: F-89J 1969

F-89 VARIANTS

1948	N-24	XF-89	1	
1949	N-49	YF-89	1	Total: 0002
1950	N-35	F-89A	11	
1951	N-35	F-89B	37	
1951	N-35	F-89C	164	Total: 0212
1952	N-68	F-89D	682	
1955	N-138	F-89H	156	Total: 0838
				<u>Total: 1052</u>

F-89 PRODUCTION

XF-89

*Prototype twin engined, 2-seater fighter.
Original designation was **XP-89**.
produced 1947 – 1948
Northrop Hawthorne, California (NO)
46-678 -*

1 **Total: 0001**

YF-89

*As XF-89, service test version with design
changes, later upgraded as the **YF-89A**.
produced 1948 – 1949
Northrop Hawthorne, California (NO)
46-679 -*

1 **Total: 0001**

F-89A

*As YF-89A, engine upgrade, minor
changes. Most to **F-89B** standard.
produced 1950 – 1951
Northrop Hawthorne, California (NO)
49-2431 / 49-2441 -*

11 **Total: 0011**

F-89B

*As F-89A, avionics / engine upgrade.
produced 1951*

Northrop Hawthorne, California (NO)
49-2442 / 49-2478 -

37 **Total: 0037**

F-89C

*As F-89B, multiple engine upgrades,
various improvements.
produced 1951 – 1952*

Northrop Hawthorne, California (NO)
50-741 / 50-804 -
51-5757 / 51-5856 -

164 **Total: 0164**

F-89D

*As YF-89D, multiple engine upgrades,
various improvements.
produced 1952 – 1956*

Northrop Hawthorne, California (NO)
51-400 / 51-446 -
51-11298 / 51-11443 -
52-1829 / 52-1961 -
52-2127 / 52-2165 -
53-2447 / 53-2686 -
54-184 / 54-260 -

682 **Total: 0682**

(Model N-71) F-89E – Proposed single seat version, cancelled.

(Model N-71) F-89F – Proposed F-89D engine upgrade, cancelled.

(Model N-71) F-89G – Proposed F-89D armament upgrade, cancelled.

F-89H

*As YF-89H, various improvements.
produced 1955 – 1956*

Northrop Hawthorne, California (NO)
54-261 / 54-416 -

156 **Total: 0156**

Total: 1052

F-89 CONVERSIONS & TRANSFERS**USAF**

DF-89A 1+ F-89A, drone director conversions.

JF-89A 1 F-89A, temporary conversion for tests.

YF-89A 1 YF-89, 1950, design / engine upgrade, pointed nose.

DF-89B 1+ F-89B, drone director conversions.

YF-89D 1 F-89B (49-2463), 1951-1953, factory prototype with wingtip fuel / rocket pods.

DF-89H 1+ F-89H, drone director conversions.

YF-89H 3 F-89D (52-1938), 1954, prototype with modified wingtip rocket / missile pods.
2 (52-1830, 53-2449) other F-89D converted in 1955. All 3 did not carry
the YF-89H designation but were known instead as the **JF-89D**.

(Model N-71) YF-89E

1 F-89C (50-752), 1954-1955, factory prototype with engine upgrade.

(Model N-160) F-89J

350 F-89D, 1956-1969, air-to-air missile upgrades.

(DF-89J) **10** F-89J, 1963, drone conversions for missile tests in Japan.