

REPUBLIC F-84 THUNDERJET / THUNDERSTREAK / THUNDERFLASH

F-84 SERVICE

Manufacturer: The Republic Aviation Corp., Farmingdale, Long Island, New York, USA
Models: AP-23, AP-46
Designations: F-84; F96, F-106, P-84
Names: Thunderjet, Thunderstreak, Thunderflash

First official flight: XP-84 28 Feb 1946
Factory production period: 1945 – 1957
Primary service period: 1947 – 1964
Last official flight: RF-84F 1972

F-84 VARIANTS

F-84 Thunderjet

1946	Model AP-23	XP-84	3	
1946	Model AP-23	YP-84A	15	Total: 0018
1947	Model AP-23	P-84B	226	
1948	Model AP-23	P-84C	191	
1948	Model AP-23	F-84D	154	
1949	Model AP-23	F-84E	843	
1951	Model AP-23	F-84G	3025	Total: 4439

F-84 Thunderstreak

1950	Model AP-23	XF-96A	1	
1951	Model AP-23	YF-84F	2	
1952	Model AP-23	F-84F	2713	Total: 2716

F-84 Thunderflash

1951	Model AP-23	YRF-84F	1	
1953	Model AP-23	RF-84F	715	Total: 0716

Total: 7889

F-84 PRODUCTION

F-84 Thunderjet

XP-84

*Prototype straight-wing, single engined
fighter-bomber, nose air-intake. Last
aircraft with engine upgrade as **XP-84A**.
Redesignated as **XF-84** in 1948.*

produced 1945 – 1946

Republic Farmingdale, New York (RE)

45-59475 / 45-59477 -

3 **Total: 0003**

YP-84A

*As XP-84, engine / armament upgrade.
Redesignated as **YF-84A** in 1948.*

produced 1946 – 1947

Republic Farmingdale, New York (RE)

45-59482 / 45-59496 -

15 **Total: 0015**

P-84B

*As YP-84A, engine / armament upgrade.
Redesignated as **F-84B** in 1948.*

produced 1946 – 1948

Republic Farmingdale, New York (RE)

45-59497 / 45-59581 -

46-533 / 46-673 -

226 **Total: 0226**

P-84C

*As P-84B, engine upgrade,
various improvements.*

*Redesignated as **F-84C** in 1948.*

produced 1947 – 1948

Republic Farmingdale, New York (RE)

47-1412 / 47-1602 -

191 **Total: 0191**

F-84D

*As P-84C, engine upgrade,
various improvements.*

produced 1948 – 1949

Republic Farmingdale, New York (RE)

48-641 / 48-794 -

154 **Total: 0154**

F-84E

*As F-84D, fuselage extension, engine
upgrade, various improvements.*

produced 1949 – 1951

Republic Farmingdale, New York (RE)

49-2022 / 49-2429 -

50-1111 / 50-1230 -

50-1813 / 50-1837 -

- 4 to Belgium as FS-1 / FS-4.

- 17 to France.

- 4 to The Netherlands as K-1 / K-4.

51-477 / 51-691 -

51-9548 / 51-9622 -

843 **Total: 0843**

F-84G

As F-84E, engine upgrade, nuclear strike capability, various improvements. produced 1951 – 1953

Republic Farmingdale, New York (RE)

51-692 / 51-1343 -

51-9623 / 51-11249 -

51-16643 / 51-16751 -

52-2893 / 52-3329 -

52-8287 / 52-8486 -

13 additional airframes cancelled.

3025 **Total: 3025**

F-84 Thunderstreak

XF-96A

*As F-84E, prototype with swept-wings and tail surfaces, engine upgrade. Redesignated as **YF-84F** in 1950 then **YRF-84F** in 1952.*

produced 1949 – 1950

Republic Farmingdale, New York (RE)

49-2430 -

1 **Total: 0001**

YF-84F

As XF-84F, engine upgrade with British Sapphire turbojet, redesigned canopy, air-intakes.

produced 1951

Republic Farmingdale, New York (RE)

51-1344, 51-1345 -

2 **Total: 0002**

F-84F

As XF-84F, various engine upgrades, redesigned canopy, minor changes.

produced 1952 – 1957

Republic Farmingdale, New York (RE)

51-1346 / 51-1827 -

51-17059 / 51-17088 -

52-6355 / 52-7228 -

52-10510 / 52-10538 -

53-6532 / 53-7230 -

290 additional airframes cancelled.

General Motors Kansas City, Kansas (GK)

51-9311 / 51-9547 -

52-8767 / 52-9128 -

2114

599 **Total: 2713**

F-84 Thunderflash

YRF-84F

As F-84F, photo reconn. version. Cameras mounted in nose with relocated wing-root air-intakes.

produced 1951

Republic Farmingdale, New York (RE)

51-1828 -

1 **Total: 0001**

RF-84F

As YRF-84F, various engine upgrades.

produced 1953 – 1956

Republic Farmingdale, New York (RE)

51-1829 / 51-1958 -

51-11250 / 51-11297 -

51-16996 / 51-17058 -

52-7229 / 52-7475 -

52-8717 / 52-8766 -

53-7521 / 53-7697 -

165 additional airframes cancelled.

715 **Total: 0715**

Total: 7889

F-84 CONVERSIONS & TRANSFERS

USAF / US Navy

EF-84D	2	F-84D (48-641, 48-661), 1952-1953, experimental wing-tip hook-up system with an ETB-29A as a "parasite-fighter" arrangement.
EF-84E	2	F-84E, 1950, conversions for refuelling tests.
GRF-84F	26	YRF-84F (49-2430), 1953-1955, prototype for belly hook-up FICON system to a GRB-36F. 25 RF-84F also later converted.
(RF-84K)	25	1955-1956, redesignation of the GRF-84F, served with 10 GRB-36D.
YF-84J	1	F-84F (51-1708), 1954-1957, factory prototype with deeper set fuselage and engine upgrade.
F-84KX	80	F-84B, US Navy target drone conversions. Assigned BuNo. 142269 / 142348.
F-84Q	1+	F-84F, overhauled ex-Luftwaffe aircraft supplied to Turkey.
(Model AP-46) XF-84H	2	F-84F (51-17059, 51-17060), 1955, factory converted prototypes with turbo-prop engine upgrade, supersonic 3-bladed prop. Tested by the USAF and US Navy. Original, brief, designation was XF-106.

FOREIGN MILITARY SERVICE

- F-84 Thunderjets supplied to the nations of Belgium, Denmark, France, Greece, Iran, Italy, The Netherlands, Norway, Portugal, Taiwan, Thailand and Yugoslavia.