

# 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 28/02/1946  
*Factory production period:* 1945 – 1958  
*Primary service period:* 1947 – 1964  
*Last official flight:* RF-84F 1972

## F-84 VARIANTS

### F-84 Thunderjet

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

### F-84 Thunderstreak

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

### F-84 Thunderflash

1952	<b>Model AP-23</b>	<b>YRF-84F</b>	1	
1952	<b>Model AP-23</b>	<b>RF-84F</b>	715	<b>Total: 0716</b>

**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*

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 – 1947*

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 1947 – 1948*

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 – 1953*

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 1950 – 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. Later redesignated as XF-84F, then YF-84F.*

*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 1950 – 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 wingroot air-intakes.*

*produced 1951 – 1952*

Republic Farmingdale, New York (RE)

51-1828 -

1 **Total: 0001**

## **RF-84F**

*As YRF-84F, various engine upgrades.*

*produced 1952 – 1958*

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**

### **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	YF-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.
<b>YF-84J</b>	<b>2</b>	F-84F(51-1708, 51-1709), 1954, factory prototypes with deeper set fuselage, engine upgrades.
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.
<b>(Model AP-46) XF-84H</b>	<b>2</b>	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's supplied to the nations of Belgium, Denmark, France, Greece, Iran, Italy, The Netherlands, Norway, Portugal, Taiwan, Thailand and Yugoslavia.*