

# **McDONNELL F-101 VOODOO**

## **F-101 SERVICE**

*Manufacturer:* McDonnell Aircraft Corp., St. Louis, Missouri, USA  
*Model:* 36  
*Designations:* F-101; F-88, P-88, CF-101 (RCAF)  
*Name:* Voodoo

*First official flight:* XF-88 20 Oct 1948  
F-101A 29 Sep 1954  
*Factory production period:* 1947 – 1949 (F-88)  
1954 – 1960 (F-101)  
*Primary service period:* 1957 – 1971  
*Last official flight:* F-101B 21 Sep 1982

## **F-101 VARIANTS**

1948	<b>Model 36</b>	<b>XF-88</b>	1	
1949	<b>Model 36</b>	<b>XF-88A</b>	1	<b><u>Total: 002</u></b>
1954	<b>Model 36</b>	<b>F-101A</b>	77	
1955	<b>Model 36</b>	<b>YRF-101A</b>	2	
1956	<b>Model 36</b>	<b>RF-101A</b>	35	<b>Total: 114</b>
1957	<b>Model 36</b>	<b>F-101B</b>	480	<b>Total: 480</b>
1957	<b>Model 36</b>	<b>F-101C</b>	47	
1957	<b>Model 36</b>	<b>RF-101C</b>	166	<b>Total: 213</b>
				<b><u>Total: 807</u></b>

## **F-101 PRODUCTION**

### **XF-88**

*Prototype twin-engined, long range  
escort fighter. Original designation  
was **XP-88**.*

*produced 1947 – 1948*

McDonnell St. Louis, Missouri (MC)  
46-525 -

1 **Total: 001**

### **XF-88A**

*As XF-88, afterburners fitted.*

*produced 1948 – 1949*

McDonnell St. Louis, Missouri (MC)  
46-526 -

1 **Total: 001**

**Total: 002**

**F-101A**

*As XF-88, single-seat fighter, extensive redesign of fuselage, engine upgrade, various improvements.*

*produced 1954 – 1957*

McDonnell St. Louis, Missouri (MC)

53-2418 / 53-2446 -

54-1438 / 54-1485 -

77 **Total: 077**

**YRF-101A**

*As F-101A, reconn. prototype with lengthened nose for cameras.*

*produced 1955*

McDonnell St. Louis, Missouri (MC)

54-149, 54-150 -

2 **Total: 002**

**RF-101A**

*As YRF-101A, production version.*

*produced 1956 – 1957*

McDonnell St. Louis, Missouri (MC)

54-1494 / 54-1521 -

56-155 / 56-161 -

35 **Total: 035**

**F-101B**

*As F-101B, 2-seater interceptor fighter-bomber, engine upgrade.*

*produced 1957 – 1960*

McDonnell St. Louis, Missouri (MC)

56-232 / 56-328 -

57-247 / 57-452 -

58-0259 / 58-0342 -

59-0391 / 59-0483 -

480 **Total: 480**

*137 additional airframes cancelled.*

**F-101C**

*As F-101A, low-level strike version, strengthened wing.*

*produced 1957 – 1958*

McDonnell St. Louis, Missouri (MC)

54-1486 / 54-1493 -

56-001 / 56-039 -

47 **Total: 047**

**RF-101C**

*As F-101C, reconn. version.*

*produced 1957 – 1959*

McDonnell St. Louis, Missouri (MC)

56-040 / 56-135 -

56-162 / 56-231 -

166 **Total: 166**

*19 additional airframes cancelled.*

*F-101D – 1958, proposed engine upgrade, cancelled.*

*F-101E – 1958, proposed engine upgrade, cancelled.*

**Total: 807**

## **F-101 CONVERSIONS & TRANSFERS**

### **USAF**

XF-88B	1	XF-88, 1953, prototype conversion with nose mounted turbo-prop.
JF-101A	7	F-101A, 1957, temporary conversion as F-101B engine testbed.
NF-101A	1	F-101A, 1958, permanent conversion as engine testbed.
JF-101B	1+	F-101B, temporary conversion for test duties.
<b>NF-101B</b>	<b>1</b>	F-101B (56-232), 1957-1963, prototype for the F-101B variant.
RF-101B	22	CF-101B, 1971-1975, ex-CAF reconnaissance conversions for USAF. Conversions by Ling-Temco-Vought Corp., South Carolina.
TF-101B	1+	F-101B, trainer conversions with dual controls.
<b>F-101F</b>	<b>79</b>	F-101B, 1961, trainers with dual controls, combat capable.
(TF-101F)	1+	F-101F, trainers with combat capability removed.
<b>RF-101G</b>	<b>31</b>	F-101A, 1965-1972, unarmed reconnaissance conversions. Conversions by Lockheed Aircraft Service Co. (LAS), California.
<b>RF-101H</b>	<b>31</b>	F-101C, 1965-1979, unarmed reconnaissance conversions. Conversions by Lockheed Aircraft Service Co. (LAS), California.

### **Foreign Conversions**

<b>CF-101B / F 132</b>		First batch: 56 F-101B / 10 F-101F, 1961-1971, aircraft in service with the RCAF. Assigned RCAF s/n prefix 17 with last three USAF s/n digits. Second batch: 57 F-101B / 9 F-101F, 1970-1993, aircraft in service with the CAF. Assigned CAF s/n: 101001 / 101066.
<b>EF-101B</b>	<b>1</b>	F-101B, 1982-1987, ECM equipment upgrades. Assigned CAF s/n: 101067.

### **FOREIGN MILITARY / CIVILIAN SERVICE**

- *F-101 Voodoos in military service with Canada and Nationalist China.*
- *F-101B, s/n: 57-410, operated with reg: N8234 by Colorado State University for a study into severe storms.*