

McDONNELL DOUGLAS F-15 EAGLE

F-15 SERVICE

Manufacturer: McDonnell Douglas Corp., McDonnell Aircraft Co. Division,
St. Louis, Missouri, USA
(In 1997, became The Boeing Co., Seattle, Washington, USA)

Model: -

Designation: F-15

Names: Eagle; Strike Eagle (F-15E), Slam Eagle (F-15K)

First official flight: F-15A 27/07/1972
Factory production period: 1971 – present
Primary service period: 1974 – present
Last official flight: - -

F-15 VARIANTS

1972 **Model:** - **F-15A** 384
1973 **Model:** - **F-15B** 61 **Total: 0445**

1979 **Model:** - **F-15C** 482
1979 **Model:** - **F-15D** 93
1980 **Model:** - **F-15J** 10
1981 **Model:** - **F-15DJ** 12 **Total: 0597**

1986 **Model:** - **F-15E** 236
1996 **Model:** - **F-15S** 72
1996 **Model:** - **F-15I** 25
2005 **Model:** - **F-15K** 40
2008 **Model:** - **F-15SG** 24
2013 **Model:** - **F-15SA** 84 **Total: 0481**

Total: 1523

Foreign built – Japan:

1982 **Model:** - **F-15J** 155
1988 **Model:** - **F-15DJ** 31 **Total: 0186**

F-15 PRODUCTION

F-15A

*Twin-engined, single-seater,
tactical fighter. First 18 were
service test aircraft with 71-0280
sometimes designated as YF-15A.
produced 1971 – 1979*

McDonnell Douglas St. Louis, Missouri (MC)

71-0280 / 71-0289 A001 / A010

72-0113 / 72-0120 A011 / A018

73-0085 / 73-0107	A019 / A041	
74-0081 / 74-0136	A042 / A097	
75-0018 / 75-0079	A098 / A159	
76-0008 / 76-0120	A160 / A272	
76-1505 / 76-1523	IA001 / IA019	
<i>- 19 to Israel, mixed 654 to 698.</i>		
77-0061 / 77-0153	A273 / A365	384
<i>10 additional airframes cancelled.</i>		
<i>35 additional F-15A/B airframes cancelled.</i>		

Total: 0384

F-15B

*As F-15A, 2-seater trainer.
Original designation was **TF-15A**.
First 2 were service test aircraft
designated as **YTF-15A**.
produced 1972 – 1979*

McDonnell Douglas St. Louis, Missouri (MC)

71-0290, 71-0291	B001, B002	
73-0108 / 73-0114	B003 / B009	
74-0137 / 74-0142	B010 / B015	
75-0080 / 75-0089	B016 / B025	
76-0124 / 76-0142	B026 / B044	
76-1524, 76-1525	IB001, IB002	
<i>- 2 to Israel as 404, 408.</i>		
77-0154 / 77-0168	B045 / B059	61
<i>8 additional airframes cancelled.</i>		
<i>35 additional F-15A/B airframes cancelled.</i>		

Total: 0061

F-15N Sea Eagle – 1971, proposed US Navy version, cancelled.

F-15C

*As F-15A, upgraded avionics / weapons,
later with engine upgrade, minor changes.
produced 1978 – 1992*

McDonnell Douglas St. Louis, Missouri (MC)

78-0468 / 78-0550	C001 / C083	
79-0015 / 79-0081	C084 / C150	
80-0002 / 80-0053	C151 / C202	
80-0062 / 80-0106	001 / 045	
<i>- 45 to Saudi Arabia, mixed 501 to 1315.</i>		
80-0122 / 80-0130	IC001 / IC009	
<i>- 9 to Israel, mixed 802 to 848.</i>		
81-0002	046	
<i>- 1 to Saudi Arabia as 1322.</i>		
81-0020 / 81-0056	C203 / C238	
<i>- Last c/n for 81-0056 uncertain and not listed, might be s/n: 81-0002?</i>		
82-0008 / 82-0038	C239 / C269	
83-0010 / 83-0043	C270 / C303	
83-0054 / 83-0062	IC010 / IC018	
<i>- 9 to Israel, mixed 505 to 583.</i>		
84-0001 / 84-0031	C304 / C334	
85-0093 / 85-0128	C335 / C370	
86-0143 / 86-0180	C371 / C408	

90-0263 / 90-0271 047 / 055 482 **Total: 0482**
 - 9 to Saudi Arabia as 1323 / 1331.
 26 additional airframes cancelled.

F-15D

As F-15C, 2-seater trainer.
 produced 1978 – 1992
 McDonnell Douglas St. Louis, Missouri (MC)
 78-0561 / 78-0574 D001 / D014
 79-0004 / 79-0014 D015 / D025
 80-0054 / 80-0061 D026 / D033
 80-0107 / 80-0121 001 / 015
 - 15 to Saudi Arabia, mixed 516 to 1320.
 80-0131 / 80-0136 ID001 / ID006
 - 6 to Israel, mixed 450 to 979.
 81-0003 D039 (016)
 - Reserialled from 81-0066,
 to Saudi Arabia as 1321.
 81-0061 / 81-0065 D034 / D038
 82-0044 / 82-0048 D040 / D044
 83-0046 / 83-0050 D045 / D049
 83-0063, 83-0064 ID007, ID008
 - 2 to Israel as 223, 280.
 84-0042 / 84-0046 D050 / D054
 85-0129 / 85-0134 D055 / D060
 86-0181, 86-0182 D061, D062
 90-0272 / 90-0274 017 / 019
 - 3 to Saudi Arabia as 1332 / 1334.
 90-0275 / 90-0279 ID009 / ID013
 - 5 to Israel, mixed 701 to 733.
 5 additional airframes cancelled.

93 **Total: 0093**

F-15J

As F-15C, US built version for Japan.
 8 sets of components also supplied
 for construction in Japan.
 produced 1979 – 1982
 McDonnell Douglas St. Louis, Missouri (MC)
 79-0280, 79-0281 J001, J002
 (J1-0544, J1-0548)
 Delivered as:
 (JASDF) 02-8801, 02-8802
 Foreign assembled – Japan:
 Mitsubishi Heavy Industries Ltd.,
 Nagoya, Japan
 (JASDF)
 12-8803 J1-0553
 22-8804 / 22-8810 mixed J1-0558 to J1-0600

2

8 **Total: 0010**

F-15DJ

As F-15D, US built version for Japan.
 produced 1981 – 1985
 McDonnell Douglas St. Louis, Missouri (MC)
 79-0282 / 79-0287 DJ001 / DJ006
 81-0068 / 81-0071 DJ007 / DJ010
 83-0052, 83-0053 DJ011, DJ012

12 **Total: 0012**

Delivered as:

(JASDF) 12-8051 / 12-8054

(JASDF) 22-8055, 22-8056

(JASDF) 32-8057 / 32-8060

(JASDF) 52-8061, 52-8062

F-15E Strike Eagle

As YF-15B, 2-seater, later with engine upgrade, various improvements.

produced 1985 – 2001

McDonnell Douglas St. Louis, Missouri (MC)

86-0183 / 86-0190 E001 / E008

87-0169 / 87-0210 E009 / E050

88-1667 / 88-1708 E051 / E092

89-0471 / 89-0506 E093 / E128

90-0227 / 90-0262 E129 / E164

91-0300 / 91-0335 E165 / E200

91-0600 / 91-0605 E201 / E206

92-0364 / 92-0366 E207 / E209

96-0200 / 96-0205 E210 / E215

215

50 additional airframes cancelled.

Boeing St. Louis, Missouri (MC)

97-0217 / 97-0222 E216 / E221

98-0131 / 98-0135 E222 / E226

00-3000 / 00-3004 E227 / E231

01-2000 / 01-2004 E232 / E236

21 **Total: 0236**

F-15F – Proposed single-seat strike fighter, cancelled.

F-15S

*As F-15E, export version for Saudi Arabia, engine upgrade, equipment changes. Later upgraded to **F-15SA** standard.*

produced 1996 – 1998

McDonnell Douglas St. Louis, Missouri (MC)

93-0852 / 93-0923 SA001 / SA072

72 **Total: 0072**

Delivered as:

(Saudi Arabia) 5501 / 5572

F-15I Ra'am

*As F-15E, export version for Israel, avionics upgrade. **Ra'am (Thunder)**.*

produced 1996 – 1998

McDonnell Douglas St. Louis, Missouri (MC)

94-0286 / 94-0306 I001 / I021

94-0500 / 94-0503 I022 / I025

25 **Total: 0025**

Delivered as:

(Israel) 001 / 025

F-15H – 1990's proposed version for Greece (Hellas), cancelled.

F-15K Slam Eagle

*As F-15E, export version for South Korea,
minor changes, later with engine upgrade.
produced 2004 – 2012*

Boeing St. Louis, Missouri (MC)

02-2001 / 02-2040 K001 / K040

40 **Total: 0040**

Delivered as:

(S. Korea) 02-001 / 02-040

F-15SG

*As F-15E, export version for Singapore,
engine upgrade, minor changes.
Original designation was **F-15T**.
produced 2008 – 2013*

Boeing St. Louis, Missouri (MC)

05-0001 / 05-0024 SG-1 / SG-24

24 **Total: 0024**

Delivered as:

(Singapore) *mixed* 8301 to 8338

F-15SA

*As F-15E, Saudi (Arabia) Advanced
version, engine / avionics upgrade.
produced 2012 – present*

Boeing St. Louis, Missouri (MC)

12-1001 / 12-1084 -

84 **Total: 0084**

Delivered as:

(Saudi Arabia) -

Total: 1523

Foreign built – Japan:

F-15J

*As F-15C, version for Japan.
“x” denotes numerous year prefixes
from 198”2” up to 199”8”.
produced 1982 – 1999*

Mitsubishi Heavy Industries Ltd.,
Nagoya, Japan
(JASDF)

x2-8811 / x2-8965 011 / 165

155 **Total: 0155**

F-15DJ

*As F-15D, version for Japan.
“x” denotes numerous year prefixes
from 198”8” up to 199”8”.
produced 1988 – 1999*

Mitsubishi Heavy Industries Ltd.,
Nagoya, Japan
(JASDF)

x2-8063 / x2-8093 -

31 **Total: 0031**

5 additional airframes cancelled.

Total: 0186

F-15 CONVERSIONS

USAF

GF-15A 13 F-15A, ground instructional conversions.
YF-15A 4 F-15A, 1989, conversions for development tests.
GF-15B 6 F-15B, ground instructional conversions.
NF-15B 1 F-15B(71-0290), 1988, permanent conversion for STOL tests.

YF-15B Strike Eagle

1 F-15B(71-0291), 1980, F-15E prototype, dual-seat fighter and ground attack strike aircraft, major upgrade to airframe and avionics.

F-15C Wild Weasel

1 F-15C, 1996, experimental ECM conversion, not developed.

F-15SE1 Silent Eagle

1 F-15E(86-0183), 2010, advanced weapons / features demonstrator. Further development cancelled in favour of F-35 fighter.

F-15 ASAT 1 F-15A, 1980-1988, prototype anti-satellite attack conversion.

F-15 IFFC / Firefly III

1 F-15B, 1981, prototype flight / fire control system upgrade.

RF-15 Peek Eagle

2 1 F-15B / 1 F-15D, experimental reconn. conversion, not developed.

FOREIGN MILITARY / CIVILIAN SERVICE

- *F-15's in service with the air forces of Israel, Japan, Saudi Arabia, Singapore and South Korea.*
- *Several F-15's used by NASA for various tests.*