

REPUBLIC F-105 THUNDERCHIEF

F-105 SERVICE

Manufacturer: The Republic Aviation Corp., Farmingdale, Long Island,
New York, USA

Model: AP-63

Designation: F-105

Name: Thunderchief

First official flight: YF-105A 22/10/1955

Factory production period: 1955 – 1965

Primary service period: 1958 – 1970's

Last official flight: F-105D 25/02/1984

F-105 VARIANTS

1955	Model AP-63	YF-105A	2	
1956	Model AP-63	YF-105B	4	Total: 006
1957	Model AP-63	F-105B	74	Total: 074
1959	Model AP-63	F-105D	610	
1963	Model AP-63	F-105F	143	Total: 753
				<u>Total: 833</u>

F-105 PRODUCTION

YF-105A

Prototype single engined fighter-bomber.

produced 1955 – 1956

Republic Farmingdale, New York (RE)

54-098, 54-099 - 2 **Total: 002**

F-105A – Production version, 97 cancelled.

YF-105B

*As YF-105A, engine upgrade,
minor changes. Later upgraded
to F-105B standard.*

produced 1956 – 1957

Republic Farmingdale, New York (RE)

54-100 / 54-103 - 4 **Total: 004**

F-105B

*As YF-105B, various engine upgrades.
Some later upgraded to F-105D standard.*

produced 1957 – 1959

Republic Farmingdale, New York (RE)

54-104 / 54-112 -

57-5776 / 57-5840 - 74 **Total: 074**

F-105C – 1956, 2-seater trainer version of the F-105B, 5 cancelled.

F-105D

*As F-105B, engine / armament upgrade,
minor changes.*

produced 1959 – 1963

Republic Farmingdale, New York (RE)

58-1146 / 58-1173 -

59-1717 / 59-1774 -

59-1817 / 59-1826 -

60-0409 / 60-0535 -

60-5374 / 60-5385 -

61-0041 / 61-0220 -

62-4217 / 62-4411 -

610 **Total: 610**

110 additional airframes cancelled.

RF-105D – Proposed reconn. version, cancelled.

*F-105E – 1959, 2-seater operational trainer version
of the F-105D, 16 cancelled.*

F-105F

*As F-105D, tandem 2-seater trainer,
taller tail.*

produced 1963 – 1965

Republic Farmingdale, New York (RE)

62-4412 / 62-4447 -

63-8260 / 63-8366 -

143 **Total: 143**

Total: 833

F-105 CONVERSIONS

USAF

JF-105B 4 F-105B, 1956, factory conversions with cameras in redesigned nose,
served as test aircraft. Original designation was RF-105B.

F-105G 86 F-105F, 1966-1983, "Wild Weasel" radar suppression conversions.
Original designation was EF-105F.