

CONVAIR B-36 PEACEMAKER

B-36 SERVICE

Manufacturer: Convair Aircraft Corp., San Diego, California, USA

Models: Model 36, 37

Designations: B-36; B-60, C-99, X-6

Names: Peacemaker; Convair Crusader (XB-36H),
Super Transport (XC-99)

First official flight: XB-36 08/08/1946

Factory production period: 1945 – 1954

Primary service period: 1948 – 1959

Last official flight: B-36J 04/1959

B-36 VARIANTS

1946	Model 36	XB-36	1	
1947	Model 36	YB-36	1	Total: 002

1947	Model 36	B-36A	22	
1948	Model 36	B-36B	62	Total: 084

1949	Model 36	B-36D	26	
1949	Model 36	RB-36D	24	Total: 050

1951	Model 36	B-36F	36	
1951	Model 36	RB-36F	24	Total: 060

1952	Model 36	B-36H	83	
1952	Model 36	RB-36H	73	Total: 156

1953	Model 36	B-36J	33	Total: 033
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Total: 385

1947	Model 37	XC-99	1	<u>Total: 001</u>
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B-36 PRODUCTION

XB-36

Prototype strategic bomber, swept wing, unarmed.

produced 1945 – 1946

Convair Fort Worth, Texas (CF)

42-13570	unknown	1	Total: 001
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YB-36

As XB-36, service test aircraft, bubble cockpit.

produced 1947

Convair Fort Worth, Texas (CF)

42-13571	unknown	1	Total: 001
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B-36A

As YB-36, crew trainer, modified u/c.

produced 1947 – 1948

Convair Fort Worth, Texas (CF)

44-92004 / 44-92025 1 / 22

22 **Total: 022**

B-36B

As B-36A, engine upgrade, armed.

*59 later modified to **B-36D** standard.*

produced 1948 – 1951

Convair Fort Worth, Texas (CF)

44-92026 / 44-92087 23 / 84

62 **Total: 062**

5 additional airframes cancelled.

YB-36C – Proposed prototype with new engines, cancelled.

B-36D

As B-36B, additional 4 jet engines in wing pods.

produced 1949 – 1951

Convair Fort Worth, Texas (CF)

44-92095 / 44-92098 92 / 95

49-2647 / 49-2668 *mixed 96 to 135*

26 **Total: 026**

RB-36D

Strategic reconn. version of B-36D.

produced 1949 – 1951

Convair Fort Worth, Texas (CF)

44-92088 / 44-92094 85 / 91

49-2686 / 49-2702 *mixed 100 to 132*

24 **Total: 024**

B-36F

As B-36D, main engine upgrade.

produced 1951 – 1952

Convair Fort Worth, Texas (CF)

49-2669 / 49-2685 *mixed 109 to 170*

50-1064 / 50-1082 *mixed 171 to 193*

36 **Total: 036**

RB-36F

Strategic reconn. version of B-36F.

produced 1951 – 1952

Convair Fort Worth, Texas (CF)

49-2703 / 49-2721 *mixed 136 to 169*

50-1098 / 50-1102 *mixed 174 to 194*

24 **Total: 024**

B-36H

As B-36F, minor changes.

produced 1952 – 1953

Convair Fort Worth, Texas (CF)

50-1083 / 50-1097 *mixed 195 to 214*

51-5699 / 51-5742 *mixed 218 to 300*

52-1343 / 52-1366 *mixed 304 to 350*

83 **Total: 083**

RB-36H

Strategic reconn. version of B-36H.

produced 1951 – 1953

Convair Fort Worth, Texas (CF)

50-1103 / 50-1110 *mixed 199 to 217*

51-5743 / 51-5756 *mixed 221 to 247*

51-13717 / 51-13741	<i>mixed 249 to 297</i>		
52-1367 / 52-1392	<i>mixed 301 to 349</i>	73	Total: 073
B-36J			
<i>As B-36H, strengthened airframe, extra fuel. produced 1953 – 1954</i>			
Convair Fort Worth, Texas (CF)			
52-2210 / 52-2226	351 / 367		
52-2812, 52-2813	368, 369	19	
B-36J-III			
<i>Guns deleted for Project Featherweight.</i>			
52-2814 / 52-2827	370 / 383	14	Total: 033
			<u>Total: 385</u>

XC-99 Super Transport

*Transport version, double-deck fuselage.
produced 1946 – 1947*

Convair San Diego, California (CO)

43-52436	unknown	1	Total: 001
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X-6 – Projected prototype for nuclear powerplant testing, cancelled.

B-36 CONVERSIONS

USAAF / USAF

YB-36A	1	B-36A(44-92004), 1948-1952, undercarriage modification.
ERB-36D	1	RB-36D, conversion to carry the large "Boston Camera".
GRB-36D	10	RB-36D, 1953-1956, conversions for F-84 parasite fighter program.
RB-36E	22	1 YB-36 / 21 B-36A, 1950, jet reconn. conversion, similar to RB-36D.
GRB-36F	13	B-36F, 1952-1953, conversions for F-84 carry and retrieve system.
(JRB-36F)	13	1955, redesignation of GRB-36F.
EB-36H	4	B-36H, conversions for tests.
(JB-36H)	4	1955, redesignation of EB-36H.
DB-36H	3	B-36H, 1953, director aircraft for Bell "Rascal" air-to-ground missile. Later redesignated as EDB-36H then 2 as JDB-36H.
JRB-36H	2	RB-36H, conversions for high-altitude atomic tests.

XB-36H Convair Crusader

	1	B-36H(51-5712), 1955-1956, test-bed for nuclear powered aircraft.
(NB-36H)	1	1956-1958, redesignation of XB-36H.
GRB-36J	1+	B-36J, conversions for FICON test flying.
YB-60	2	B-36F(49-2676, 49-2684), 1952-1954, factory modified all-jet version with redesigned tail. Original designation was YB-36G.

Project Featherweight

1954, B-36D/F/H/J's, conversions for weight reduction to improve performance. Designated *Class I, II* and *III* depending on requirements.