

DOUGLAS DC-1 / DC-2 Military Series

DC-1 / DC-2 SERVICE

Manufacturer: The Douglas Aircraft Co. Inc., Santa Monica, California, USA
Models: DC-1, DC-2
Designations: C-32, C-33, C-34, C-38, C-39, C-42, R2D
Name: -

First official flight: DC-1 01 Jul 1933
DC-2 11 May 1934
Factory production period: 1933 – 1939
Primary service period: 1934 – 1940s
Last official flight: - -

DC-1 / DC-2 VARIANTS

1933	Model DC-1	DC-1	1	Total: 001
1934	Model DC-2	DC-2	130	
1935	Model DC-2A	DC-2A	3	
1935	Model DC-2B	DC-2B	2	Total: 135
1935	Model DC-2-153	XC-32	1	
1936	Model DC-2-145	C-33	18	
1936	Model DC-2-173 / -346	YC-34	2	
1938	Model DC-2-243	C-39	35	
1939	Model DC-2-267	C-42	1	Total: 057
1934	Model DC-2-125 / -142	R2D-1	5	Total: 005
				Total: 197

DC-1 / DC-2 PRODUCTION

Civil Aircraft

DC-1

*Twin engined, 12 seat civil airliner.
produced 1933*

Douglas Santa Monica, California
NX223Y 1137

1 **Total: 001**

DC-2

*As DC-1, 2ft. fuselage stretch – 14 seat, nose lights,
engine upgrade. 39 foreign assembled by Fokker
Aircraft Co. 5 by Nakajima, US codename: "Tess."
produced 1934 – 1937*

Douglas Santa Monica, California
civil reg.

mixed 1237 to 1600

130 **Total: 130**

DC-2A*As DC-2, Hornet engine upgrade.**produced 1934 – 1935*

Douglas Santa Monica, California

civil reg. 1319, 1328
1366**3 Total: 003****DC-2B***As DC-2, Bristol Pegasus engine upgrade.**produced 1935*

Douglas Santa Monica, California

civil reg. 1377, 1378

2 Total: 002**Military Aircraft****XC-32***As DC-2, USAAC version for evaluation.**Later redesignated as C-32.**produced 1935*

Douglas Santa Monica, California (DO)

36-001 1414

1 Total: 001**C-33***As C-32, cargo door, DC-3 tail.**produced 1936*

Douglas Santa Monica, California (DO)

36-070 / 36-087 1503 / 1520

18 Total: 018**YC-34***As C-32, 14 seat VIP interior.**Later redesignated as C-34.**produced 1936*

Douglas Santa Monica, California (DO)

36-345, 36-346 1415, 1416

2 Total: 002**C-39***As C-38, "DC-2 and a half", 2 converted to C-42 in 1943, cargo door bolted shut.**produced 1938 – 1939*

Douglas Santa Monica, California (DO)

38-499 / 38-501 2057 / 2059

38-504 / 38-535 2061 / 2092

35 Total: 035**C-42***As C-39, engine upgrade, VIP interior. 2 converted from C-39, cargo door bolted shut.**produced 1939*

Douglas Santa Monica, California (DO)

38-503 2060

1 Total: 001**R2D-1***USN and USMC version of DC-2.**produced 1934 – 1935*

Douglas Santa Monica, California (D)

BuNo. 9620 / 9622 1325 / 1327

BuNo. 9993, 9994 1404, 1405

5 Total: 005**Total: 197**

DC-1 / DC-2 CONVERSIONS & TRANSFERS

Civil Conversions

DC-1A 1 Civil DC-1, 1933, engine upgrade.

Military Conversions

USAAF

C-32A 24 Civil DC-2, 1942, aircraft impressed into service with USAAF.
Assigned s/n: 42-53527 / 42-53532, 42-57154 / 42-57156,
42-57227, 42-57228, 42-58071 / 42-58073, 42-61095, 42-61096,
42-65577 / 42-65579, 42-68857, 42-68858, 42-70863, 44-83226,
44-83227 (was operated as 41-1376).

C-33A 1 C-33 (36-070), 1937-1938, conversion combining DC-2 / -3 features –
DC-3 wing center section, tail, engines, nicknamed: “DC-2 and a half”.

(C-38) 1 C-33A, 1938-1945, redesignation as a prototype for the C-39.

British RAF

DC-2K 20 Civil DC-2 / C-32A, 1941-1944, military transfers for service in India and
Middle East. Assigned RAF s/n: AX755, AX767 / AX769, DG468 / DG479,
HK820, HK821, HK837, HK847. 5 (DG480 / DG482, HK867, HK983) not
delivered – last 2 while on delivery flights.

DC-2 10 Civil DC-2, 1940-1946, aircraft impressed into service with RAAF
as A30-5 / A30-14.

DOUGLAS B-18 BOLO / B-23 DRAGON

B-18 / B-23 SERVICE

Douglas B-18 Bolo

Manufacturer: *The Douglas Aircraft Co. Inc., Santa Monica, California, USA*
Models: *DB-1, DB-2 (Both based on the model DC-2)*
Designations: *B-18; B-22, C-58*
Names: *Bolo; Digby (RCAF)*

First official flight: *DB-1 Apr 1935*
Factory production period: *1936 – 1940*
Primary service period: *1937 – 1943*
Last official flight: *Digby Mk. I 22 Nov 1946*

Douglas B-23 Dragon

Manufacturer: *The Douglas Aircraft Co. Inc., Santa Monica, California, USA*
Model: *(Based on the B-18 & DC-3)*
Designations: *B-23; C-67*
Name: *Dragon*

<i>First official flight:</i>	<i>B-23</i>	<i>27 Jul 1939</i>
<i>Factory production period:</i>		<i>1939 – 1940</i>
<i>Primary service period:</i>		<i>1940 – 1941</i>
<i>Last official flight:</i>	<i>RB-23</i>	<i>1945</i>

B-18 / B-23 VARIANTS

1935	Model DB-1	DB-1 (XB-18)	1	
1937	Model DB-1	B-18	131	
1937	Model DB-2	DB-2	1	
1938	Model DB-1	B-18A	217	Total: 350
1939	Model DB-1-280	Digby Mk. I	20	Total: 020
				<u>Total: 370</u>
1939	Model -	B-23	38	<u>Total: 038</u>

B-18 / B-23 PRODUCTION

DB-1 (XB-18)

*Medium bomber version of DC-2.
Allocated s/n: 37-051 after upgrade
to **B-18** standards.
produced 1935*

Douglas Santa Monica, California (DO)
(Co. owned – no s/n) 1353

1 **Total: 001**

B-18

*As XB-18, bomb load, equipment
upgrades.
produced 1936 – 1938*

Douglas Santa Monica, California (DO)
36-262 / 36-343 1650 / 1731
36-431 / 35-446 1732 / 1747
37-001, 37-002 1748, 1749
37-003 / 37-033 1864 / 1894

131 **Total: 131**

DB-2

*As B-18, powered front turret.
produced 1937*

Douglas Santa Monica, California (DO)
37-034 1950

1 **Total: 001**

B-18A

*As B-18, pointed nose window,
nacelles, engine upgrade.
produced 1938 – 1940*

Douglas Santa Monica, California (DO)
37-458 / 37-634 2458 / 2634
38-585 / 38-609 2635 / 2659
39-012 / 39-026 2660 / 2674

217 **Total: 217**

XB-22 – Projected development of B-18A, cancelled.

Digby Mk. I

*As B-18A, version for RCAF,
equipment changes.*

produced 1939 – 1940

Douglas Santa Monica, California (DO)

(RCAF) 738 / 757

1630 / 1649

20

Total: 020

Total: 370

B-23

*As B-18, major redesign with
new fuselage / tail / DC-3 wing.*

produced 1939 – 1940

Douglas Santa Monica, California (DO)

39-027 / 39-064

2713 / 2750

38

Total: 038

B-18 / B-23 CONVERSIONS & TRANSFERS

Douglas B-18 Bolo

USAAF

B-18M	22	B-18, 1940, conversions for larger sized bombs.
RB-18A	1+	B-18A, 1942, "restricted" from combat for second-line duties.
B-18AC	2	B-18A, 1942-1943, modified for patrol missions.
B-18AM	17	B-18A, 1940, conversions for larger sized bombs.
B-18B	122	B-18A, 1942-1943, modified for anti-submarine patrols.
C-58	2	B-18A, conversions for use as transports.

CIVILIAN SERVICE

- Some sold to civil operators after WW2 as sprayers and transports.

Douglas B-23 Dragon

USAAF

RB-23	19	B-23, 1942-1945, redesignation for glider towing, crew training.
UC-67	17	B-23, 1942-1945, conversions to utility and VIP transports.

CIVILIAN SERVICE

- Some sold post WW2 to private civil operators.