

## 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 01/07/1933  
DC-2 11/05/1934  
*Factory production period:* 1933 – 1939  
*Primary service period:* 1934 – 1940's  
*Last official flight:* - -

### DC-1 / DC-2 VARIANTS

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

### DC-1 / DC-2 PRODUCTION

#### Civil Aircraft

##### **DC-1**

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

Douglas Santa Monica, California  
X223Y (civil reg.) 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

### 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, 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, redesignation as a prototype for the C-39.

#### British RAF

**DC-2K           20**        Civil DC-2 / C-32A, 1941-1944, military conversions 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                    04/1935*  
*Factory production period:*        *1936 – 1940*  
*Primary service period:*                *1937 – 1943*  
*Last official flight:*                *Digby Mk. I        22/11/1946*

#### 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*

First official flight:	B-23	27/07/1939
Factory production period:		1939
Primary service period:		1940 – 1941
Last official flight:	RB-23	1945

### **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	<b>Total: 350</b>
1939	Model DB-1-280	Digby Mk. I	20	<b>Total: 020</b>
				<b><u>Total: 370</u></b>
1939	Model -	B-23	38	<b><u>Total: 038</u></b>

### **B-18 / B-23 PRODUCTION**

#### **DB-1 (XB-18)**

*Medium bomber version of DC-2.  
produced 1935*

Douglas Santa Monica, California (DO)

(Co. owned – no s/n) 1353

1 **Total: 001**

*- Allocated s/n: 37-051 after  
upgrade to B-18 standards.*

#### **B-18**

*As XB-18, bomb load, equipment  
upgrades.*

*produced*

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*

Douglas Santa Monica, California (DO)

37-034 1950

1 **Total: 001**

#### **B-18A**

*As B-18, pointed nose window,  
nacelles, engine upgrade.*

*produced 1937 – 1938*

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*

Douglas Santa Monica, California (DO)  
39-027 / 39-064                      2713 / 2750

38    **Total: 038**

## **B-18 / B-23 CONVERSIONS**

### **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>B-18B</b>	<b>122</b>	B-18A, 1942-1943, modified for anti-submarine patrols.
<b>C-58</b>	<b>2</b>	B-18A, conversions for use as transports.

### **CIVILIAN SERVICE**

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

### **Douglas B-23 Dragon**

#### **USAAF**

RB-23	1+	B-23, 1942-1945, redesignation for glider towing, crew training.
<b>UC-67</b>	<b>18+</b>	B-23, 1942, conversions to utility and VIP transports.

### **CIVILIAN SERVICE**

*- Some sold post WW2 to private civil operators.*