

BEECHCRAFT C-45 EXPEDITOR

C-45 SERVICE

Manufacturer: Beech Aircraft Corp., Wichita, Kansas, USA
Model: 18
Designations: C-45; AT-7, AT-11, CQ-3, F-2, JRB, SNB, T-7, T-11, CT-128 (CAF)
Names: Expeditor; Kansan (AT-11), Navigator (AT-7)

First official flight: Model 18 15 Jan 1937
C-45 1940
Factory production period: 1936 – 1969
Primary service period: 1937 – 1960s
Last official flight: C-45J 1976

C-45 VARIANTS

1937	Model 18A / S18A	Model 18A / S18A	4	
1938	Model 18B / S18B	Model 18B / S18B	4	
1938	Model 18D / S18D	Model 18D / S18D	12	
1940	Model 18R	Model 18R	1	
1940	Model M18R	Model M18R	6	
1939	Model 18S	Model 18S	7	
1939	Model B18S	Model B18S	5	Total: 0039
1940	Model C18S	C-45	11	
1941	Model C18S	C-45A	20	
1943	Model C18S	C-45B	223	
1943	Model C18S	UC-45D	2	
1942	Model C18S	UC-45E	6	
1944	Model C18S	UC-45F	1522	Total: 1784
1941	Model C18S	AT-7	577	
1941	Model C18S	AT-7A	7	
1942	Model C18S	AT-7B	9	
1943	Model C18S	AT-7C	549	
1942	Model C18S	AT-11	1584	Total: 2726
1939	Model B18S	F-2	14	Total: 0014
1940	Model C18S	JRB-1	11	
1941	Model C18S	JRB-2	15	
1942	Model B18S	SNB-1	320	
1942	Model C18S	SNB-2	499	
1943	Model C18S	SNB-2C	375	Total: 1220
1946	Model D18S	Model D18S	1035	
1946	Model D18C-T	Model D18C-T	16	

1947	Model D18C	Model D18C	13
1954	Model E18S	Model E18S	403
1954	Model E18S-9700	Model E18S-9700	57
1959	Model G18S	Model G18S	156
1962	Model H18	Model H18	149
			Total: 1829

Total: 7612

C-45 PRODUCTION

Civil Aircraft (pre WW2)

Model 18

Twin-engined commuter aircraft. Various engine / interior upgrades. Model 18R versions were for military customers.

1 Model 18D to RCAF with s/n: 1530.

produced 1936 – 1940

Beech Wichita, Kansas

Model 18A / S18A	<i>mixed 62 to 318</i>	4
Model 18B / S18B	<i>mixed 170 to 174</i>	4
Model 18D / S18D	<i>mixed 169 to 268</i>	12
Model 18R	321	1
Model M18R	375 / 380	6
Model 18S	<i>mixed 222 to 316</i>	7
Model B18S	430 / 434	5
		Total: 0039

Military Aircraft

C-45

As Model 18, staff transport for USAAF.

*Redesignated as **UC-45** in 1943.*

produced 1940

Beech Wichita, Kansas (BH)

40-180 / 40-190	364 / 374	11	Total: 0011
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C-45A

As C-45, engine upgrade, extra seats.

*Redesignated as **UC-45A** in 1943.*

produced 1941

Beech Wichita, Kansas (BH)

41-1861 / 41-1880	-	20	Total: 0020
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C-45B

As C-45A, revised interior.

*Redesignated as **UC-45B** in 1943.*

produced 1943 – 1944

Beech Wichita, Kansas (BH)

42-56852	-	
43-35446 / 43-35667	-	223
		Total: 0223

UC-45D

*As C-45A, communications aircraft,
completed from an AT-7 contract.
produced 1943*

Beech Wichita, Kansas (BH)
42-56785, 43-33281 -

2 **Total: 0002**

UC-45E

*As C-45A, communications aircraft,
completed from an AT-7B contract.
produced 1942 – 1943*

Beech Wichita, Kansas (BH)
42-43484, 42-43486 -
43-33282 / 43-33285 -

6 **Total: 0006**

UC-45F

*As C-45A, longer nose, revised interior.
Original designation was C-45F.
produced 1944 – 1945*

Beech Wichita, Kansas (BH)
43-35668 / 43-35945 -
44-47049 / 44-47748 -
44-86898 / 44-87441 -

1522 **Total: 1522**

AT-7 Navigator

*As C-45, navigation trainer, engine upgrade.
Redesignated as T-7 in 1948.
produced 1941 – 1943*

Beech Wichita, Kansas (BH)
41-1143 / 41-1209 -
41-21042 / 41-21155 -
42-2415 / 42-2513 -
42-43461 / 42-43477 -
42-43488 / 42-43510 -
42-56703 / 42-56784 -
42-56786 / 42-56851 -
43-33265 / 43-33280 -
43-33286 / 43-33378 -

577 **Total: 0577**

AT-7A Navigator

*As AT-7, floatplane version, ventral
fin added, engine upgrade.
produced 1941, 1942*

Beech Wichita, Kansas (BH)
41-21156 / 41-21161 -
42-53522 -

7 **Total: 0007**

AT-7B Navigator

*As AT-7, winterised version.
produced 1942 – 1943*

Beech Wichita, Kansas (BH)
42-2414 -
42-43478 / 42-43483 -
42-43485, 42-43487 -

9 **Total: 0009**

AT-7C Navigator

*As AT-7, engine upgrade.
Redesignated as T-7C in 1948.
produced 1943 – 1944*

Beech Wichita, Kansas (BH)

43-33379 / 43-33664 -

43-49963 / 43-50223 -

43-52226, 43-52227 -

549 **Total: 0549**

AT-11 Kansan

*As AT-7, bomber / gunnery trainer version,
glass nose for bombardier, dorsal turret.
Redesignated as T-11 in 1948.*

produced 1942 – 1944

Beech Wichita, Kansas (BH)

41-9437 / 41-9586 -

41-27332 / 41-27681 -

42-36826 / 42-37713 -

43-10318 / 43-10489 -

(NEIAF) A-1 / A-24 3057 / 3080

1584 **Total: 1584**

- 22 later assigned non-standard s/n:

42-3057 / 42-3066, 42-3069 / 42-3080.

Repossessed by USAAF in 1944 with

s/n: 44-72005 / 44-72026.

F-2

*As C-45A, photo survey version,
two cameras, engine upgrade.
Original s/n: 39-142 / 39-155.*

produced 1939 – 1940

Beech Wichita, Kansas (BH)

40-682 / 40-695 340 / 353

14 **Total: 0014**

JRB-1

*As C-45A, photo survey version for US Navy
and USMC, extra fairing above cockpit, engine
upgrade. 1 civil Model 18S also impressed
with BuNo. 09771.*

produced 1940

Beech Wichita, Kansas (B)

BuNo. 2543 / 2547 425 / 429

BuNo. 4709, 4710 -

BuNo. 4726 / 4729 -

11 **Total: 0011**

JRB-2

*As JRB-1, light transport version.
5 also converted from C-45A with
BuNo. 76740 / 76742, 90522, 90523.*

produced

Beech Wichita, Kansas (B)

BuNo. 4711 / 4725 -

15 **Total: 0015**

SNB-1 Kansan

*As AT-11, version for US Navy
and USMC, engine upgrade.*

produced 1942 – 1943

Beech Wichita, Kansas (B)

BuNo. 39749 / 39998 -

BuNo. 51025 / 51094 -

320 **Total: 0320**

SNB-2 Navigator

As AT-7, version for US Navy.

produced 1942 – 1944

Beech Wichita, Kansas (B)

BuNo. 03553 / 03562 -

BuNo. 12354 / 12389 -

BuNo. 39192 / 39291 -

BuNo. 51200 / 51293 -

BuNo. 67100 / 67129 -

BuNo. 67155 / 67383 -

499 **Total: 0499**

205 additional airframes cancelled.

SNB-2C Navigator

As AT-7C, version for US Navy.

produced

Beech Wichita, Kansas (B)

BuNo. 23757 / 23856 -

BuNo. 29551 / 29664 -

BuNo. 51095 / 51199 -

BuNo. 51294 / 51349 -

375 **Total: 0375**

4 additional airframes cancelled.

Civil Aircraft (post WW2)

Model 18

Developed civil version for commercial market.

Various design / engine upgrades.

*The D18C named **Feeder Twin**.*

*The E18S onwards named **Super 18**.*

The H18 had tricycle u/c.

produced 1946 – 1969

Beech Wichita, Kansas

Model D18S A-1 / A-1035 1035

Model D18C-T AA-1 / AA-16 16

Model D18C AA-17 / AA-29 13

Model E18S *mixed* BA-1 to BA-497 403

Model E18S-9700 *mixed* BA-403 to BA-460 57

Model G18S *mixed* BA-434 to BA-617 156

Model H18 *mixed* BA-580 to BA-765 149 **Total: 1829**

Total: 7612

C-45 CONVERSIONS & TRANSFERS

Military Conversions

USAAF / USAF

UC-45C 2 Model 18S, 1942, two impressed civil aircraft.
Assigned s/n: 42-22247, 42-53510.

RC-45F 1+ UC-45F, photo survey conversions.

C-45G	372	RC-45A / UC-45F / T-7 / T-11, 1951, rebuilt airframes with fuselage / engine / avionics upgrades. New s/n: New c/n: 51-11444 / 51-11503 AF-1 / AF-60 51-11600 / 51-11911 AF-157 / AF-468
TC-45G	96	RC-45A / UC-45F / T-7 / T-11, 1952, rebuilt airframes with fuselage / engine / avionics upgrades. New s/n: New c/n: 51-11504 / 51-11599 AF-61 / AF-156
C-45H	432	UC-45F / T-7 / T-11, 1952, rebuilt airframes with fuselage / engine / avionics upgrades. New s/n: New c/n: 52-10539 / 52-10970 AF-469 / AF-900
(RC-45H)	1+	C-45H, photo survey conversions.
(TC-45H)	1+	C-45H, navigation trainer conversions.
(C-45T)	1+	C-45G / C-45H, unofficial designation for tricycle landing gear conversions.
CQ-3	1+	UC-45F, 1944, target drone directors.
(DC-45F)	1+	1948, redesignation of CQ-3.
AT-11A	36	AT-11, navigational trainer conversions, engine upgrade.
(T-11A)	36	1948, redesignation of AT-11A.
F-2A	13	UC-45A / UC-45B, photo survey conversions, 4 cameras.
F-2B	42	UC-45F, photo survey conversions, camera upgrade.
(RC-45A)	55	1948, redesignation of 13 F-2A / 42 F-2B.
T-11B	1+	AT-11, 1951, rebuilt conversions similar to C-45G.
US Navy		
JRB-3	20	UC-45B, 1942, transfers from USAAF. Assigned BuNo. 76743 / 76759, 84032, 86294, 87752.
JRB-4	329	UC-45F, 1942, transfers from USAAF. Some later to USCG. Assigned BuNo. 44315, 44555 / 44684, 48246 / 48251, 66395 / 66471, 76760 / 76779, 85096 / 85135, 86293, 86295, 86296, 87753, 90532 / 90581, 134004. 143 additional transfers cancelled.
<i>JRB-5</i>	-	<i>Proposed SNB-5 transport version rebuilds, cancelled.</i>
JRB-6	29	JRB-3 / JRB-4, 1951, rebuilt airframes with fuselage / engine / avionics upgrades. Assigned BuNo. 89466 / 89494.
SNB-2H	1+	SNB-2, 1943, medical conversions.
SNB-2P	1+	SNB-2, 1943, photo reconn. conversions.
(SNB-5P)	1+	SNB-2P, 1951, rebuilt conversions similar to SNB-5.
(RC-45J)	1+	1962, redesignation of SNB-5P.
SNB-3Q	1+	SNB-2, 1946, conversions as radar counter-measure trainers.
SNB-4	117	SNB-1, 1947, factory rebuilds, post-WW2.
SNB-5	32	SNB-2, 1951, rebuilt airframes with fuselage / engine / avionics upgrades. Assigned BuNo. 134692 / 134717, 140987 / 140992. First 26 sold under MAP to The Netherlands and France. 1 additional airframe sold under MAP as BuNo. 147548.
(TC-45J)	32	1962, redesignation of SNB-5.
(NC-45J)	2	TC-45J, permanent conversions as test-beds for US Army.
(UC-45J)	30	TC-45J, redesignation as utility transports.
(C-45J)	2	UC-45J, transfers to the US Army.
(VC-45J)	1	UC-45J, staff transport conversion.

British RAF / RCAF

Expeditor Mk. I	121	C-45B, aircraft in service with the RAF and RN. Assigned RAF s/n: FR940 / FR948, FT975 / FT979, HB100 / HB206. 15 to RCAF as Expeditor Mk. III without s/n change. 1 (HB759), additional transfer cancelled.
Expeditor Mk. II	303	UC-45F, aircraft in service with the RAF and RN. Assigned RAF s/n: FT980 / FT996, HB207 / HB299, HD752 / HD776, KJ468 / KJ560, KN100 / KN149, KP100 / KP124. 9 to RCAF as Expeditor Mk. III without s/n change. 50 additional transfers cancelled.
Expeditor Mk. 3T	45	6 UC-45B / 39 UC-45F, 1944, trainers in service with the RCAF. Assigned RCAF s/n: 1381 / 1425.
Expeditor Mk. 3N	100	Civil Model D18S, 1951, factory-built RCAF navigational trainers. Re-assigned new c/n from original civil ones. RCAF s/n: New c/n: 1426 / 1500 CA-1 / CA-75 - S/n: 1500 not delivered. 2278 / 2302 CA-76 / CA-100
Expeditor Mk. 3NM	133	Civil Model D18S, 1952, factory-built RCAF navigational trainers and transports. Re-assigned new c/n from original civil ones. RCAF s/n: New c/n: 1502 / 1515 CA-102 / CA-115 1536 / 1555 CA-136 / CA-155 1576 / 1594 CA-262 / CA-280 2303 / 2321 CA-176 / CA-194 2322 / 2382 CA-201 / CA-261
Expeditor Mk. 3TM	48	Civil Model D18S, 1952, factory-built RCAF crew trainers and transports. Re-assigned new c/n from original civil ones. RCAF s/n: New c/n: 1501 CA-101 1516 / 1535 CA-116 / CA-135 1556 / 1575 CA-156 / CA-175 1595 / 1600 CA-195 / CA-200 <i>Not delivered.</i> CA-281
Navigator Mk. I	5	AT-7, aircraft in service with the RN. Assigned RAF s/n: FR879 / FR883.
CT-128	159	RCAF Expeditor, 1968-1972, redesignation for newly formed Canadian Armed Forces. Most in storage, allocated new CAF 6-digit s/n's but not taken up.

Civil Conversions

Model C18S 1 UC-45B, 1944, prototype for post-WW2 civil development.
First proposed in 1940 from the Model B18S.

Airlines Training Inc. conversions:

Conrad 9800D **6+** Higher weights.

Conrad 10200 **7+** Higher weights, tricycle u/c.

American Turbine Aircraft Corp. conversions:

American Turbine 600R **22+** Turboprop, tricycle u/c.

Dumod Corp., Florida conversions:

Infinite / Dumod I **37** 1960, tricycle u/c.

Infinite II / Dumod Liner 10+ 1964, stretched version.

Hamilton Aviation Co. Inc., Arizona conversions:

Hamilton Little Liner 400+ 1959.

Hamilton Westwind 22+ Turboprop.

Hamilton Westwind III 42 1970, turboprop.

Hamilton Westwind IISTD 1 1975, turboprop.

Hamilton Westwind IV 1+ 1977, turboprop.

Pacific Airmotive Corp., California conversions:

PAC Tradewind 22+ 1962, single tail, tricycle u/c.

PAC Turbo Tradewind 11+ 1964, turboprop.

Rausch Engineering Inc., California conversion:

Rausch Star 250 1 1960, tricycle u/c.

Volpar Inc., California conversions:

Volpar 18 1+ 1960, tricycle u/c.

Volpar Turbo 18 25 1965, turboprop.

Volpar Turboliner I 23 1967, turboprop.

- *Additional conversions by Avco, Howard Aero Inc., Texas, Remmert-Werner and SFERMA (France).*

FOREIGN MILITARY / CIVILIAN SERVICE

- *The Beechcraft 18 had widespread military service with the armed forces of many countries worldwide both during and post World War II.*
- *A high number of Beechcraft 18 aircraft saw civil service as small commuter airliners, executive transports, civil utility transports and warbirds.*