

HILLER H-23 RAVEN

H-23 SERVICE

Manufacturer: United Helicopters Inc., Palo Alto, California, USA
(In 1952, became Hiller Helicopters Corp.)
(In 1964, became Hiller Helicopter Division, Fairchild-Hiller Corp.)
(In 1973, became Hiller Aviation)
(In 1984, became Rogerson-Hiller, Port Angeles, Washington, USA)
(In 1994, became Hiller Aircraft Corp., Newark, California, USA)

Models: Model 360, UH-12

Designations: H-23 (OH-23); HTE, CH-112 (Canada)

Names: Raven; Nomad (Canada)

First official flight: Model 360 1948
YH-23 -

Factory production period: 1948 – 1990's (civil)
1949 – 1967 (military)

Primary service period: 1950 – 1960's

Last official flight: OH-23G 1968

H-23 VARIANTS

| | | | | |
|------|----------------------|---------------------|-----|--------------------|
| 1948 | Model 360 | Model 360 | 1 | Total: 0001 |
| 1949 | Model UH-12 | Model UH-12 | - | |
| - | Model UH-12A | Model UH-12A | - | |
| - | Model UH-12B | Model UH-12B | - | |
| - | Model UH-12C | Model UH-12C | - | |
| - | Model UH-12D | Model UH-12D | - | |
| - | Model UH-12E | Model UH-12E | - | |
| - | Model UH-12L | Model UH-12L | - | Total: - |
| 1950 | Model UH-12 | YH-23 | 1 | Total: 0001 |
| 1950 | Model UH-12A | H-23A | 105 | |
| 1950 | Model UH-12A | HTE-1 | 17 | |
| 1951 | Model UH-12B | HTE-2 | 55 | |
| 1952 | Model UH-12B | H-23B | 328 | Total: 0505 |
| 1955 | Model UH-12C | H-23C | 145 | |
| 1957 | Model UH-12D | H-23D | 486 | Total: 0631 |
| 1962 | Model UH-12E4 | H-23F | 33 | |
| - | Model UH-12E4 | H-23G | 538 | Total: 0571 |

| | | | | |
|------|---------------------|------------------------|----|--------------------|
| 1961 | Model UH-12E | CH-112 | 25 | |
| 1962 | Model UH-12E | Hiller HT.MK. 2 | 23 | Total: 0048 |

Total: 1757

H-23 PRODUCTION

Civil Helicopters

Model 360

*Prototype 2-seater, single-engined,
2-bladed rotor, tricycle u/c helicopter.*

produced 1947 – 1948

Hiller Palo Alto, California

N68940 (*civil reg.*)

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1 Total: 0001

Model UH-12 / A / B / C / D / E / L

As Model 360, various civil versions.

Model L is a lengthened, wider version.

produced 1949 – 1990's

Hiller Palo Alto, California

Model UH-12

-

Model UH-12A

-

Model UH-12B

-

Model UH-12C

-

Model UH-12D

-

Model UH-12E / E3 / E4 / E5

-

Model UH-12L / L3 / L4 / SL / SL3 / SL4

-

Total: -

Military Helicopters

YH-23

*Prototype, single-engined, 2-bladed rotor,
tricycle u/c, light observation helicopter
for US Army.*

produced 1950

Hiller Palo Alto, California (UH)

50-1254 164

1 Total: 0001

H-23A

As YH-23, minor changes.

produced 1950 – 1951

Hiller Palo Alto, California (UH)

51-3969 / 51-4018 *mixed 177 to 240*

51-15966 / 51-15970 *mixed 112 to 173*

- 5 to USAF for evaluation.

51-16092 / 51-16141 246 / 295

105 Total: 0105

HTE-1

*As H-23A, trainer version for US Navy,
dual controls.*

produced

Hiller Palo Alto, California (E)

BuNo. 125532 163

BuNo. 128637 / 128652 *mixed 179 to 245* 17 **Total: 0017**
16 additional airframes cancelled.

HTE-2

*As H-23A, trainer version for US Navy,
dual controls, engine upgrade.
produced*

Hiller Palo Alto, California (E)

BuNo. 129757 / 129791 *mixed 304 to 420*

BuNo. 134724 / 134743 *mixed 510 to 553*

*- 20 to RN as **Hiller HT.Mk. 1**, XB474 / XB481,
XB513 / XB524.*

55 **Total: 0055**

H-23B

*As H-23A, engine upgrade,
skid-wheel u/c, minor changes.
Redesignated as **OH-23B** in 1962.*

produced

Hiller Palo Alto, California (UH)

51-16142 / 51-16414 *mixed 296 to 669*

- 4 to The Netherlands as O-32 / O-35.

54-862 / 54-880 *mixed 675 to 697*

- 16 to The Netherlands as O-16 / O-31.

54-881 691

54-2915 / 54-2932 706 / 723

54-2933 / 54-2949 727 / 743

- 15 to The Netherlands as O-1 / O-15.

328 **Total: 0328**

H-23C

*As H-23B, 3-seater, one piece
rounded canopy, metal rotor blades.
Redesignated as **OH-23C** in 1962.*

produced

Hiller Palo Alto, California (UH)

55-4060 749

55-4063 / 55-4131 *mixed 753 to 838*

56-2245 / 56-2316 *mixed 841 to 933*

56-4020, 56-4021 893, 894

- 2 to Spain as Z.6-1, Z.6-2.

57-6521 937

- 1 to The Netherlands as O-36.

145 **Total: 0145**

H-23D

*As H-23C, engine / trans. upgrade.
Most upgraded to **H-23G** standard.
Redesignated as **OH-23D** in 1962.*

produced

Hiller Palo Alto, California (UH)

55-4061, 55-4062 750, 751

57-2982 / 57-3077 *mixed 938 to 1046*

58-5398 / 58-5505 1047 / 1154

59-2675 / 59-2786 1155 / 1266

61-3085 / 61-3217 1271 / 1403

62-3756 / 62-3790 1404 / 1438

486 **Total: 0486**

H-23E (Model UH12E) – reserved designation but not used.

H-23F

As H-23D, larger 4-seater cabin,
engine upgrade. Most to the Inter-
American Geodetical Survey.
Redesignated as **OH-23F** in 1962.

produced

Hiller Palo Alto, California (UH)

59-2787 / 59-2790 2125 / 2128

61-3218 / 61-3234 *mixed* 2167 to 2256

62-12507 / 62-12512 *mixed* 2283 to 2308

64-14850, 64-14851 2297, 2298

- 2 to Uruguay as 026, 027.

65-13069 2372

66-8039 2373

67-14867, 67-14868 -

33 **Total: 0033**

- 2 to Uruguay as 028, 029.

H-23G

As H-23F, 3-seater dual control version.
Redesignated as **OH-23G** in 1962.

produced

Hiller Palo Alto, California (UH)

62-3791 / 62-3831 1439 / 1479

63-9222 / 63-9371 -

63-12765 / 63-12901 1480 / 1616

64-15108 / 64-15317 1617 / 1826

538 **Total: 0538**

242 additional airframes cancelled.

CH-112 Nomad

As H-23G, for Canada, 3 to RCAF, 22 to Army.
Re-serialled in 1970 as: (CAF) 112261 / 112285.

produced 1961 – 1964

Hiller Palo Alto, California

10261 / 10285 *mixed* 2101 to 2303

25 **Total: 0025**

Hiller HT.Mk. 2

As H-23G, helicopter trainer for British Royal Navy.
produced 1962 – 1966

Hiller Palo Alto, California

(RN) XS159 / XS174 *mixed* 2199 to 2277

(RN) XS700 / XS706 *mixed* 2280 to 2300

23 **Total: 0023**

Total: 1757

H-23 CONVERSIONS

Civil Conversions

Model UH-12EL / ET / E3T / E4T / E5T / J-3

1+ Various Model UH-12, 1970's, civil turbine engine upgrades.
 Model E5T not built, Model J-3 an unofficial designation.

Military Conversions

US Army

H-23B 26 1 H-23B / 25 HTE-2, re-built airframes for MDAP sales.
Assigned new s/n: 54-4009 / 54-4034.

FOREIGN MILITARY / CIVILIAN SERVICE

- *The H-23 served with the military forces of Argentina, Biafra, Bolivia, Canada, Chile, Colombia, Cuba, Dominican Republic, Egypt, Guatemala, Guyana, Indonesia, Israel, Japan, Mexico, Morocco, The Netherlands, Paraguay, Peru, Sri Lanka, Switzerland, Thailand, United Kingdom, Uruguay and West Germany.*
- *Many sold on the civil market for both commercial and private roles.*