

# 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:* 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 – 1990s (civil)  
1949 – 1967 (military)

*Primary service period:* 1950 – 1960s

*Last official flight:* OH-23G 1968

## H-23 VARIANTS

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

1961	<b>Model UH-12E</b>	<b>CH-112</b>	25	
1962	<b>Model UH-12E</b>	<b>Hiller HT.MK. 2</b>	23	<b>Total: 0048</b>

**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

-

**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 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 Geodetic 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 & TRANSFERS**

### **Civil Conversions**

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

1+    Various Model UH-12, 1970s, 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.*