

SIKORSKY CH-54 TARHE

CH-54 SERVICE

Manufacturer: Sikorsky Aircraft Division, United Aircraft Corp., Bridgeport, Connecticut, USA

Model: S-64

Designation: H-54 (CH-54)

Names: Tarhe; Skycrane / Aircrane (civil)

First official flight: Model S-64 09/05/1962

YCH-54A 1964

Factory production period: 1961 – 1975

Primary service period: 1965 – 1993

Last official flight: CH-54B 1993

CH-54 VARIANTS AND PRODUCTION

Developed from the 1959 **Sikorsky Model S-60 Skycrane** using Sikorsky Model S-56 components and flying with civil reg.: N807. Crashed during tests in 1961.

Model S-64 Skycrane

1962, prototype, twin-engined, 6-bladed rotor, company owned heavy-lift helicopter.

produced 1961 – 1962

Sikorsky Bridgeport, Connecticut

N325Y (civil reg.) 64-001 1 **Total: 01**

Model S-64A Skycrane

1962, as Model S-64, evaluation helicopters for W. German military with s/n: D-9510, D9511.

produced 1962

Sikorsky Bridgeport, Connecticut

N305Y (civil reg.) 64-002

N306Y (civil reg.) 64-003 2 **Total: 02**

Military Helicopters

YCH-54A

1964, **Model S-64A**, prototypes for US Army evaluation fitted with a detachable fuselage pod.

produced 1964 – 1965

Sikorsky Bridgeport, Connecticut (SI)

64-14202 / 64-14207 64-004 / 64-009 6 **Total: 06**

CH-54A

1966, **Model S-64A**, as YCH-54A, production version.

produced 1966 – 1968

Sikorsky Bridgeport, Connecticut (SI)

66-18408 / 66-18413 64-010 / 64-015

67-18414 / 67-18431	64-016 / 64-033		
68-18432 / 68-18455	64-034 / 64-057		
68-18456 / 68-18461	64-061 / 64-066	54	Total: 54

CH-54B

1968, **Model S-64B**, as CH-54A,
engine upgrade, dual main wheels.

produced 1968 – 1971

Sikorsky Bridgeport, Connecticut (SI)

69-18462	64-067		
69-18463 / 69-18471	64-070 / 64-078		
69-18472 / 69-18484	64-080 / 64-092		
70-18485 / 70-18490	64-093 / 64-098	29	Total: 29

8 (71-18491 / 71-18498), additional airframes cancelled.

Universal Pod

22 additional detachable, fuselage Universal Pods
built for CH-54A / B with s/n: 68-18578 / 68-18599.

Civil Helicopters

Model S-64E Skycrane

1968, as CH-54A, commercial version.

produced 1968 – 1969, 1975

Sikorsky Bridgeport, Connecticut

civil reg.	64-058 / 64-060		
civil reg.	64-079		
civil reg.	64-099 / 64-101	7	Total: 07

2 (c/n: 64-068, 64-069), additional airframes cancelled.

Total: 99

CH-54 CONVERSIONS

Military Conversions

US Army

GCH-54A 2 CH-54A, ground instructional conversions.

Civil Conversions

Erickson S-64E / F Aircrane

41 7 S-64 / 34 CH-54 variants, 1972-present, re-manufactured airframes with numerous design and systems improvements for the civil commercial market.

S-64E: 1972-present, 26 equivalent to the S-64A / CH-54A variants.

1 S-64E rebuilt in 1997 as S-64E1 with new c/n: 64-1001.

S-64F: 1993-present, 15 equivalent to the CH-54B variant.

Conversions by Erickson Air-Crane Inc., Oregon who since 1992 have owned airframe design and manufacturing rights.

CIVILIAN SERVICE

- Many CH-54 Tarhe helicopters sold on the civil market for heavy-lift duties.