

Simplified Curtiss Hawk 75N

Country: N-Thailand

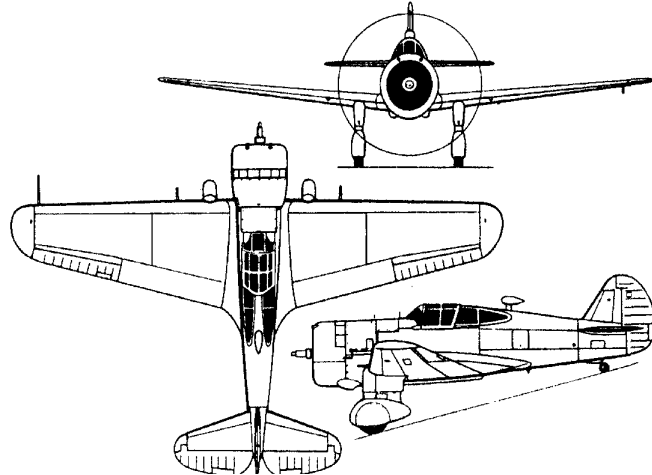
Service Entry Date: November, 1938

A/C Type: Day fighter
 Engine(s): Wright GR-1820-G3 Cyclone
 Eng. Pwr: 875 hp, air-cooled
 A/C Crew: Pilot

Maximum Speed: 280 mph at 10,000 ft
 Maximum Ceiling: 31,800 ft / 24,000 ft
 Defense factor: 5 Size Modifier: +0
 Damage Factor: 7/10 Endurance: 148
 Cockpit View: Fair Blind Area: Rear low

Protection: Cockpit +0 Engine +0 Fuel +0
 Climb Dece/ Dive Accel: 3.0 / 1.0
 Weight and Load Limit: 300 / 2.0

Wpn Stations	Weight	Allowed Loads
(Fuel overload)	200	Fuel



Class: F

Victory Points: 3-5

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Bands	Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(2)	Min HT(3)	Min BT(3)	Min ET(4)	Altitude Levels	Bands	Average Rate of Climb
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	3.0	4.5	8.5	3.5	4.5	5.5	7.0	31-36	VH	300
25-30	HI	2.5	5.0	9.0	3.5	4.5	5.5	6.5	25-30	HI	800
19-24	MH	2.5	5.0	8.5	3.0	4.0	5.0	6.0	19-24	MH	1,300
13-18	ML	2.0	5.5	8.0	3.0	4.0	5.0	6.0	13-18	ML	1,600
7-12	LO	2.0	5.5	8.5	2.5	3.5	4.5	5.5	7-12	LO	1,900
1-6	VL	1.5	5.0	7.5	2.5	3.5	4.5	5.5	1-6	VL	2,300

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	1x .50 cal Browning MG	8	3
N2	1x .30 cal Browning MG	12	4
W1	2x .30 cal Browning MG	11	4
W2	2x .30 cal Browning MG	11	4
W3	1x 23mm Madsen cannon	3	2
W4	1x 23mm Madsen cannon	3	2

GUN ATTACK FACTORS

Rng	N1	N2	W1	W2	W3	W4	Total
0	8	5	12	12	14	14	37/41
1	6	4	8	8	10	10	26/30
2	4	3	5	5	7	7	17/21
3	3	2	3	3	5	5	11/15
4	2	1	2	2	3	3	7/9
5	1	1	1	1	2	2	4/6
6	1	--	--	--	1	1	1/3
7	--	--	--	--	--	--	--

WEAPON STATION LOCATION

POWER VERSUS SPEED CHART

Levels	Bands	1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0+	Band
43+	UH	--	--	--	--	UH
37-42	EH	--	--	--	--	EH
31-36	VH	1	--	--	--	VH
25-30	HI	1	1	--	--	HI
19-24	MH	3	1	--	--	MH
13-18	ML	4	1	--	--	ML
7-12	LO	5	2	--	--	LO
1-6	VL	5	2	--	--	VL
Banking FPs		2	2	3	5	
Side Slip FPs		2	3	4	6	

NOTES AND VARIANTS

Simplified Hawks: Simpler engine and fixed gear designed for license. Used by Thailand:

- vs Vichy IndoChina Jan 1941.
- vs Japanese Dec 1941.
- vs Allies starting February 1942.

Hawk 75N (Thailand): 12 armed with a .50 & a .30 nose, plus 2x.30 wing - use total to left of slash.

Cannon armed Hawk 75N: 12 armed w/ a 23mm Madsen in wing vice MGs: use W3 & W4 vice W1 & W2. use total to right of slash. Fly as loaded. ROC - 200 under 31000 ft.

Fuel Overload: Wght: 200 Load: 2.0 End: +100 (.5 pts every 25 min end)

Curtiss Hawk 75M

A/C Type: Day fighter
 Engine(s): Wright GR-1820-G3 Cyclone
 Eng. Pwr: 875 hp, air-cooled
 A/C Crew: Pilot

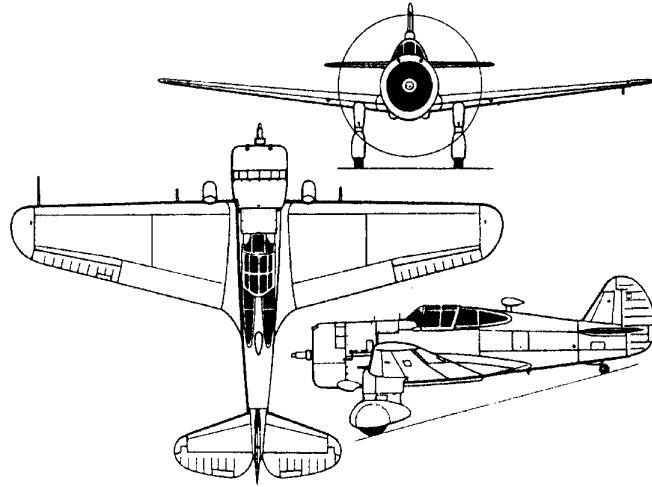
Maximum Speed: 280 mph at 10,000 ft
 Maximum Ceiling: 31,800 ft / 24,000 ft
 Defense factor: 5 Size Modifier: +0
 Damage Factor: 7/10 Endurance: 148
 Cockpit View: Fair Blind Area: Rear low

Protection: Cockpit +0 Engine +0 Fuel +0
 Climb Dece/ Dive Accel: 3.0 / 1.0
 Weight and Load Limit: 300 / 2.0

Wpn Stations	Weight	Allowed Loads
(Fuel overload)	200	Fuel

Country: M-China
 O - Argentina

Service Entry Date: May, 1938
 Nov. 1938



Class: F

Victory Points: 3-5

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Bands	Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(2)	Min HT(3)	Min BT(3)	Min ET(4)	Altitude Levels	Bands	Average Rate of Climb
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FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
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W1	1x .30 cal Browning MG	12	4
W2	1x .30 cal Browning MG	12	4

GUN ATTACK FACTORS

Rng	N1	W1	W2	Total
0	11	6	6	23
1	8	4	4	16
2	5	3	3	11
3	3	2	2	7
4	2	1	1	4
5	1	1	1	3
6	--	--	--	--
7	--	--	--	--

WEAPON STATION LOCATION

POWER VERSUS SPEED CHART

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31-36	VH	1	--	--	--	VH
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13-18	ML	4	1	--	--	ML
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Banking FPs		2	2	3	5	
Side Slip FPs		2	3	4	6	

NOTES AND VARIANTS

Simplified Hawks: Simpler engine and fixed gear designed for license.

Hawk 75M (China): 30 licensed plus about 50 unlicensed built by CAMCO. Armed with two .30 cal nose plus a .30 cal mg in each wing - use total right of slash. Did not do well vs Japanese, mostly due to poorly trained pilots.

Hawk 75O (Argentina): 29 Hawks built in USA plus 20 built on license. Similar to China Hawk, armed with 4x 7.62 mm Madsen MGs (2 nose, 1 each wing). Same attack values as .30 Brownings. Last retired in 1960s.

Fuel Overload: Wght: 200 Load: 2.0 End: +100 (.5 pt every 25 min end)