

**PLANE TYPE: P-40F**

Curtiss P-40E, P-40F and P-40K / RAF Kittyhawk I, II & III Day Fighter

MOVEMENT CHARACTERISTICS CHART													
ALTITUDE (x1000)	SPEEDS				SPEED CHANGE		ALTITUDE CHANGE		MANEUVERS				
	STALL SPEED	MANEUVER SPEED	LEVEL SPEED	DIVE SPEED	POWER FACTORS	BRAKE FACTORS	CLIMB RATE	DIVE RATE	BANK	TURN	SLIP	HALF-LOOP	HALF-ROLL
0-4.9	0-2	3-4	5-6	7-9	1	2	.4	1.1	2	2	2	4	3
5.0-9.9	0-2	3-4	5-6(7)	(8)7-9	1	2	.3	1.1	2	2	2	4	3
10.0-14.9	0-2	3-4	5-7	8-10	1	2	.3	1.1	2	2	2	5	4
15.0-19.9	0-3	4	5-7	8-10	1	1	.3	1.2	3	3	3	6	4
20.0-24.9	0-3	-	4-7	8-10	1	1	.2	1.2	3	3	3	7	5
25.0-29.9	0-4	-	5-6	7-10	1	1	.1	1.2	4	3	3	7	5
30.0-34.4	0-4	-	5	6-10	0	1	.1/2	1.3	4	4	4	8	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEVEL	-	-	-	-	-	-	-	-	+1	+1	+1	+1	+1
DIVE	-	-	-	-	-	-	+2	-	+2	+2	+2	+2	+2
LOADED	0	-1	-1	-1	-	-	-1	-3	+1	+1	+2	P	P
MOVEMENT CHARACTERISTICS MODIFIERS													

NOTES:P-40E deliveries started in Sept. '41, P-40F in Jan. '42 and P-40K in May '42. About 2300 P-40E's,1300 P-40F's and 1300 P-40K's were produced. Can carry 1 bomb loaded. Altitude after 29.0 (29.1-34.4) refers to P-40F. Numbers in parenthesis refers to P-40E. P-40E's ceiling is 29.0, P-40K's ceiling is 28.0.

POINT VALUE: 16

TARGET CHARACTERISTICS CHART					
W	5		Cn	-	Mg 6
F	7		L	3	
C	3		C	-	
E	3	E	-	E	-
G	2M	4M	1	1	4M
	(5)	(5)	1	1	(5)
FF					

SILOUETTE MODIFIER: +2  
 FIRE MODIFIER: +2  
 TYPE ENGINE(OP): 1  
 BLIND SPOTS(OP):  
 H: A(-1),12(+1), 2, 4, 6(-2), 8, 10  
 M:12(+2), 2,10(+1),4,8(-2), 6(-3)  
 L:B(-2),12(+1),2,10(-1),4,8(-1),6(-3)  
 Producer: USA  
 Name: "Kittyhawk or Warhawk"

**PLANE TYPE: P-39Q**

Bell P-39N and P-39Q Day Fighter

MOVEMENT CHARACTERISTICS CHART													
ALTITUDE (x1000)	SPEEDS				SPEED CHANGE		ALTITUDE CHANGE		MANEUVERS				
	STALL SPEED	MANEUVER SPEED	LEVEL SPEED	DIVE SPEED	POWER FACTORS	BRAKE FACTORS	CLIMB RATE	DIVE RATE	BANK	TURN	SLIP	HALF-LOOP	HALF-ROLL
0-4.9	0-2	3-4	5-6	7-9	1	2	.4	1.1	1	2	2	4	3
5.0-9.9	0-2	3-4	5-7	8-9	1	2	.4	1.1	2	3	3	5	3
10.0-14.9	0-2	3-4	5-7	8-10	1	2	.4	1.1	2	3	3	6	4
15.0-19.9	0-3	4	5-7	8-10	1	1	.3	1.2	3	3	3	6	5
20.0-24.9	0-3	-	4-7	8-10	1	1	.3	1.2	4	3	3	7	6
25.0-29.9	0-4	-	5-6	7-10	1	1	.2	1.2	4	4	4	8	7
30.0-34.9	0-4	-	5-6	7-10	1	1	.1	1.3	5	4	4	9	7
35.0-38.5	0-5	-	6	7-10	0	1	.1/2	1.3	5	5	5	9	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEVEL	-	-	-	-	-	-	-	-	+1	+1	+1	+1	+1
DIVE	-	-	-	-	P	-	+2	-	+2	+2	+2	+2	+2
LOADED	0	-1	-1	-1	-	-	-1	-3	+1	+1	+2	P	P
MOVEMENT CHARACTERISTICS MODIFIERS													

NOTES:P-39N deliveries started in Jan. '43, P-39Q in May '43. Both used primarily by the Soviet Union. About 2095 P-39Ns and 4905 P-39Qs were produced. Can carry 1 bomb loaded. Ceiling on P-39Q is35.0.

POINT VALUE: 17

TARGET CHARACTERISTICS CHART					
W	6		Cn	5	Mg 5
F	6		L	4	
C	3		C	-	
E	3	E	-	E	-
G	2M	2M	[5C]	2M	2M
	(5)	(6)	(6)	(6)	(5)
FF					

SILOUETTE MODIFIER: +2  
 FIRE MODIFIER: +2  
 TYPE ENGINE(OP): 1  
 BLIND SPOTS(OP):  
 H: A(-1),12(+1), 2, 4, 6(-2), 8, 10  
 M:12(+2), 2,10(+1),4,8(-2), 6(-3)  
 L:B(-2),12(+1),2,10(-2),4,8(-2),6(-3)  
 Producer: USA  
 Name: "Airacobra"

Variants: P-39N (16 pts)  
 Increase Mg ammo to 8.

G	2M	1	2M	[5C]	2M	1	2M
	(4)	1	(6)	(6)	(6)	1	(4)
FF							