

# McDonnell FH-1 Phantom

Country: US Navy

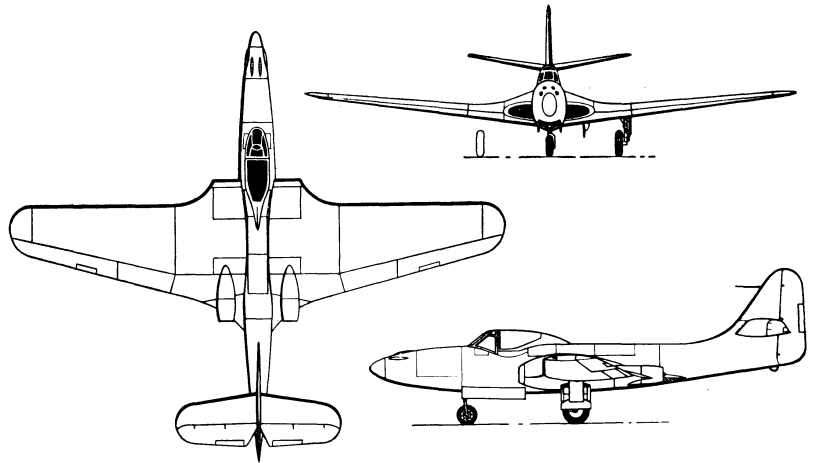
Service Entry Date: July 1947

A/C Type: Carrier-borne Jet Fighter  
 Engine(s): 2x Westinghouse J30-WE-20 jets  
 Eng. Pwr: 1450 kg turbojet thrust  
 A/C Crew: Pilot

Maximum Speed: 487 @ 6,500 ft  
 Maximum Ceiling: 41,100 ft  
 Defense factor: 5 Size Modifier: +0  
 Damage Factor: 9/13 Endurance: 115  
 Cockpit View: Good Blind Area: Rear,low

Protection: Cockpit +0 Fuel +0 Engines +0  
 Climb Dece/ Dive Accel: 3.0 / 1.0  
 Weight and Load Limit: 500 / 2-3

Wpn Stations	Weight	Allowed Loads
1	500	1 bomb



Class: F-Jet

Victory Points: 3-6

## AIRCRAFT PERFORMANCE CHART

Altitude Levels	Bands	Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(3)	Min HT(4)	Min BT(5)	Min ET(6)	Altitude Levels	Bands	Average Rate of Climb
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	4.0	8.5	12.0	5.5	7.0	8.5	9.5	37-42	EH	1,000
31-36	VH	3.5	8.5	12.0	5.0	6.5	7.5	8.5	31-36	VH	2,300
25-30	HI	3.0	9.0	12.0	4.5	6.0	7.0	8.0	25-30	HI	3,100
19-24	MH	3.0	9.0	12.0	4.0	5.5	6.5	7.5	19-24	MH	3,700
13-18	ML	2.5	9.5	12.0	3.5	5.0	6.0	7.0	13-18	ML	4,300
7-12	LO	2.5	9.5	12.0	3.5	4.5	5.5	6.5	7-12	LO	4,700
1-6	VL	2.5	9.5	11.0	3.0	4.0	5.0	6.0	1-6	VL	4,900

## FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
W1	2x .50 cal M2 mg	8	3
W2	2x .50 cal M2 mg	8	3

## GUN ATTACK FACTORS

Rng	W1	W2	Total
0	18	18	54
1	12	12	36
2	8	8	24
3	6	6	18
4	4	4	12
5	3	3	8
6	2	2	6
7	--	--	--

## WEAPON STATION LOCATION

1

## POWER VERSUS SPEED CHART

(Per engine)		1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0+	Band
Levels	Bands					
43+	UH	--	--	--	--	UH
37-42	EH	2.5	1.5	0.5	--	EH
31-36	VH	3.0	2.0	1.0	--	VH
25-30	HI	3.0	2.0	1.0	--	HI
19-24	MH	3.5	2.5	1.5	--	MH
13-18	ML	3.5	2.5	1.5	--	ML
7-12	LO	3.5	2.5	1.5	--	LO
1-6	VL	3.5	2.5	1.5	--	VL
Banking FPs		2	3	5	7	
Side Slip FPs		3	4	6	8	

## NOTES AND VARIANTS

**FH-1 Phantom:** Ordered in 1944 with other designs, the US Navy wanted a carrier-borne jet fighter for Operation Coronet in May-46. First carrier landing Jul-46. Served with one carrier-borne USN squadron (VF-171) and one USMC squadron (VMF-122).

# North American FJ-1 Fury

A/C Type: Carrier-borne Jet Fighter  
 Engine(s): One Allison J-35A-2 turbojet  
 Eng. Pwr: 1815 kg turbojet thrust  
 A/C Crew: Pilot

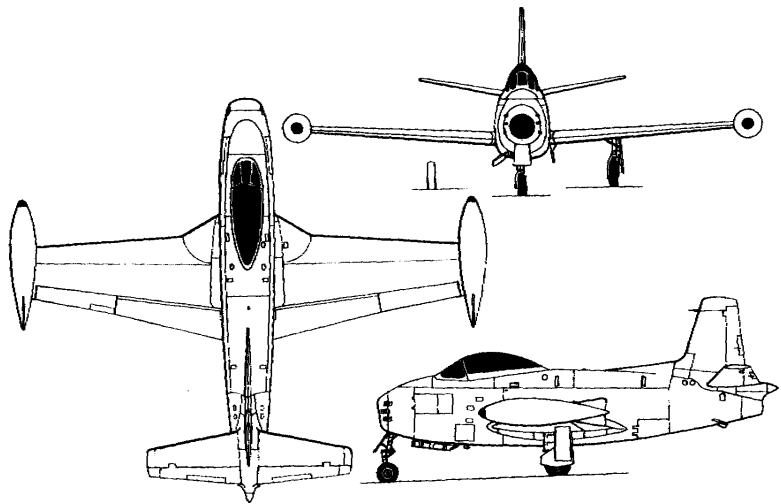
Maximum Speed: 547 mph at 9,000 ft.  
 Maximum Ceiling: 32,000 ft.  
 Defense factor: 5 Size Modifier: +0  
 Damage Factor: 8/12 Endurance: 120  
 Cockpit View: Good Blind Area: Rear, low

Protection: Cockpit +1 Fuel +2 Engines +0  
 Climb Dece/ Dive Accel: 3.0 / 1.5  
 Weight and Load Limit: 2400 / 5.0-7.0

Wpn Stations	Weight	Allowed Loads
1,2 (wingtips)	1200	165 gal FT

Country: USA

Service Entry Date: October, 1947



Class: F-Jet

Victory Points: 3-5

## AIRCRAFT PERFORMANCE CHART

Altitude Levels	Bands	Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(5)	Min HT(6)	Min BT(8)	Min ET(9)	Altitude Levels	Bands	Average Rate of Climb
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	3.5	9.5	12.0	4.5	6.0	7.5	8.5	31-36	VH	1,000
25-30	HI	3.0	10.0	12.0	4.0	5.5	6.5	7.5	25-30	HI	2,000
19-24	MH	3.0	10.5	12.0	3.5	5.0	6.0	7.0	19-24	MH	2,600
13-18	ML	2.5	10.5	12.0	3.0	4.5	5.5	6.5	13-18	ML	3,000
7-12	LO	2.5	11.0	12.0	3.0	4.0	5.0	6.0	7-12	LO	3,300
1-6	VL	2.5	10.0	11.5	2.5	3.5	4.5	5.5	1-6	VL	3,300

## FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	2x .50 cal M3 mg	8	3
N2	2x .50 cal M3 mg	8	3
N3	2x .50 cal M3 mg	8	3

## GUN ATTACK FACTORS

Rng	N1	N2	N3	Total
0	20	20	20	60
1	13	13	13	39
2	9	9	9	27
3	6	6	6	18
4	4	4	4	12
5	3	3	3	8
6	2	2	2	6
7	--	--	--	--

## WEAPON STATION LOCATION

1

2

## 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	4	2	1	1	VH
25-30	HI	4	2	1	1	HI
19-24	MH	5	3	1	1	MH
13-18	ML	5	3	1	1	ML
7-12	LO	5	3	1	1	LO
1-6	VL	5	3	1	1	VL
Banking FPs		2	3	5	7	
Side Slip FPs		3	4	6	8	

## NOTES AND VARIANTS

**FJ-1 Fury:** Ordered in 1944 with other designs, the US Navy wanted a carrier-borne jet fighter for Operation Coronet in May-46. First carrier landing Mar-48. Straight-wing version of F-86 Sabre developed for the Navy. Won the Bendix trophy in 1948, beating an F-80 in a cross-country race. Straight wings used to enhance maneuverability at slow speeds for carrier landings. Weak wings: no maneuvers above TT with wingtip tanks attached; a second spar hit destroys the aircraft. Air brakes, carrier equipment, Gyro Gunsight. Replaced by F9F Panther Jul-49. 30 built.

**165-gal FT: Wgt: 1200 lbs Ld: 5.0/3.5 End: +70**

