**COBRA Specifications**

**AH-1G HueyCobra**

*Data from* *Modern Military Aircraft*, *Verier*, *Modern Fighting Aircraft*

**General characteristics**

* Crew: 2: one pilot, one co-pilot/gunner (CPG)
* Length: 53 ft (16.2 m) (with both rotors turning)
* Rotor diameter: 44 ft (13.4 m)
* Height: 13 ft 6 in (4.12 m)
* [Empty weight](http://en.wikipedia.org/wiki/Manufacturer%27s_Weight_Empty): 5,810 lb. (2,630 kg)
* [Max takeoff weight](http://en.wikipedia.org/wiki/Maximum_Takeoff_Weight%22%20%5Co%20%22Maximum%20Takeoff%20Weight): 9,500 lb. (4,310 kg)
* Powerplant: 1× [Lycoming T53-L-13](http://en.wikipedia.org/wiki/Lycoming_T53) [turboshaft](http://en.wikipedia.org/wiki/Turboshaft), 1,100 shp (820 kW)
* Rotor system: 2 blades on main rotor, 2 blades on tail rotor
* Fuselage length: 44 ft 5 in (13.5 m)
* Stub wing span: 10 ft 4 in (3.15 m)

Performance

* [Never exceed speed](http://en.wikipedia.org/wiki/V_speeds#Vne): 190 knots (219 mph, 352 km/h)
* [Maximum speed](http://en.wikipedia.org/wiki/V_speeds#Vno): 149 knots (171 mph, 227 km/h)
* [Range](http://en.wikipedia.org/wiki/Range_%28aircraft%29): 310 nm. (357 mi, 574 km)
* [Service ceiling](http://en.wikipedia.org/wiki/Ceiling_%28aeronautics%29): 11,400 ft (3,475 m)
* [Rate of climb](http://en.wikipedia.org/wiki/Rate_of_climb): 1,230 ft/min (6.25 m/s)

**Armament**

* 2 × 7.62 mm (0.308 in) multi-barrel [Miniguns](http://en.wikipedia.org/wiki/Minigun), or 2 × [M129](http://en.wikipedia.org/wiki/M75_grenade_launcher) 40 mm Grenade launchers, or one of each, in the [M28 turret](http://en.wikipedia.org/wiki/U.S._Helicopter_Armament_Subsystems#AH-1_Cobra). (When one of each was mounted, the minigun was mounted on the right side of the turret, due to feeding problems.)
* [2.75 in (70 mm)](http://en.wikipedia.org/wiki/Mk_4/Mk_40_Folding-Fin_Aerial_Rocket) rockets - 7 rockets mounted in the **M158** launcher or 19 rockets in the **M200** launcher
* [M18](http://en.wikipedia.org/wiki/U.S._aircraft_gun_pods) 7.62 mm [Minigun](http://en.wikipedia.org/wiki/Minigun) [pod](http://en.wikipedia.org/wiki/Gun_pod) or [XM35 armament subsystem](http://en.wikipedia.org/wiki/U.S._Helicopter_Armament_Subsystems#AH-1_Cobra) with [XM195](http://en.wikipedia.org/wiki/M61_Vulcan) 20 mm cannon

**AH-1F "Modernized" Cobra**

*Data from* *Verier*, *Modern Fighting Aircraft*

**General characteristics**

* **Crew:** 2: one pilot, one co-pilot/gunner (CPG)
* **Length:** 53 ft (16.1 m) (with both rotors turning)
* **Rotor diameter:** 44 ft (13.6 m)
* **Height:** 13 ft 6 in (4.12 m)
* [Empty weight](http://en.wikipedia.org/wiki/Manufacturer%27s_Weight_Empty): 6,600 lb. (2,993 kg)
* [Max takeoff weight](http://en.wikipedia.org/wiki/Maximum_Takeoff_Weight): 10,000 lb. (4,500 kg)
* **Powerplant:** 1× [Lycoming T53-L-703](http://en.wikipedia.org/wiki/Lycoming_T53) [turboshaft](http://en.wikipedia.org/wiki/Turboshaft), 1,800 shp (1,300 kW)
* **Rotor system**: 2 blades on main rotor, 2 blades on tail rotor
* **Fuselage length:** 44 ft 7 in (13.6 m)
* **Stub wing span:** 10 ft 4 in (3.15 m)

**Performance**

* [Never exceed speed](http://en.wikipedia.org/wiki/V_speeds#Vne): 170 knots (196 mph, 315 km/h)
* [Maximum speed](http://en.wikipedia.org/wiki/V_speeds#Vno): 149 knots (172 mph, 277 km/h)
* [Range](http://en.wikipedia.org/wiki/Range_%28aircraft%29): 274 nm. (315 mi, 510 km)
* [Service ceiling](http://en.wikipedia.org/wiki/Ceiling_%28aeronautics%29): 12,200 ft (3,720 m)
* [Rate of climb](http://en.wikipedia.org/wiki/Rate_of_climb): 1,620 ft/min (8.2 m/s)

**Armament**

* [General Dynamics](http://en.wikipedia.org/wiki/General_Dynamics) [20 mm (0.787 in)](http://en.wikipedia.org/wiki/20_mm_caliber) [M197](http://en.wikipedia.org/wiki/M197_Gatling_gun) [3-barreled gatling cannon](http://en.wikipedia.org/wiki/Gatling_gun#M61_Vulcan.2C_Minigun.2C_and_other_designs)
* [Hydra 70](http://en.wikipedia.org/wiki/Hydra_70) 2.75 in (70 mm) rockets - 7 rockets mounted in the **M260** launcher or 19 rockets in the **M261** launcher
* [TOW Missiles](http://en.wikipedia.org/wiki/BGM-71_TOW) - 4 or 8 missiles mounted in two-missile launchers on each hardpoint

**See also**

* [U.S. Helicopter Armament Subsystems, AH-1 Cobra](http://en.wikipedia.org/wiki/U.S._Helicopter_Armament_Subsystems#AH-1_Cobra)

**Related development**

* [Bell 207 Sioux Scout](http://en.wikipedia.org/wiki/Bell_207)
* [UH-1 Iroquois](http://en.wikipedia.org/wiki/UH-1_Iroquois)
* [AH-1 Super Cobra](http://en.wikipedia.org/wiki/AH-1_SuperCobra)
* [AH-1Z Viper](http://en.wikipedia.org/wiki/AH-1Z_Viper)
* [Bell 309 King Cobra](http://en.wikipedia.org/wiki/Bell_309)
* [Bell YAH-63](http://en.wikipedia.org/wiki/Bell_YAH-63)

**Comparable aircraft**

* [AH-64 Apache](http://en.wikipedia.org/wiki/AH-64_Apache)
* [Mil Mi-24](http://en.wikipedia.org/wiki/Mil_Mi-24)
* [Mil Mi-28](http://en.wikipedia.org/wiki/Mil_Mi-28)

**Related lists**

* [List of attack aircraft](http://en.wikipedia.org/wiki/List_of_attack_aircraft)
* [List of helicopters](http://en.wikipedia.org/wiki/List_of_helicopters)
* [List of active United States military aircraft](http://en.wikipedia.org/wiki/List_of_active_United_States_military_aircraft)