

**TO MEET  
THE U. S. ARMY'S  
LOH REQUIREMENTS:**

**BELL OH-58A KIOWA**



**JETRANGER IS ALREADY  
THE WORLD'S MOST POPULAR  
TURBINE HELICOPTER.  
ITS ARMY VERSION  
IS THE WAVE OF THE FUTURE.**

OH-58A, the U. S. Army's new light observation helicopter, is a version of the Bell commercial Model 206A JetRanger, which is already the most popular turbine-powered helicopter in the world. Specifically designed to meet Army LOH mission requirements, the Kiowa, as it is known in the Army, is powered by an Allison T63-A-700 gas turbine.

With a crew of 2 (pilot and observer on an observation mission, pilot and co-pilot on a scouting mission), OH-58A has a range up to 356 miles and a speed to 150 mph.

OH-58A can carry the XM-27E gun system installed, with 2000 rounds of 7.62mm ammunition and 200 lbs of mission equipment.



Manufacturer	Bell Helicopter Company
Model	<b>OH-58A</b>
Primary Mission	Light Observation Helicopter
Operating Configuration	Basic Aircraft Including U. S. Army Avionics and Armor, plus Fluids, Mission Equipment and Crew of (2)

### Weights

Operating Weight	2,305 lb.
Payload	—
Mission Fuel — 70 gal.	455 lb.
Mission Weight	2,760 lb.
Max. Gross Weight — Military Qualified	3,000 lb.
Max. Payload, plus Fuel	695 lb.

### Performance:

	Mission Gross	Max. Gross
Standard Day Conditions	2,760 lb.	3,000 lb.
IGE Hover Ceiling	13,600 ft.	10,900 ft.
OGE Hover Ceiling	8,800 ft.	6,000 ft.
Service Ceiling (NRP)	19,000 ft.	16,200 ft.
Max. Sea Level Rate of Climb @ NRP	1,780 fpm	1,560 fpm
Max. Airspeed (V <sub>NE</sub> )	150 mph	150 mph
Max. Still Air Range (No Reserve Long Range Cruise @ S.L.)	348 mi.	356 mi. (full fuel)

### Engine

Manufacturer	Allison
Model	T63-A-700
Sea Level Power Rating	
Military Power	317 SHP
Normal Rated Power	270 SHP
Manufacturers SFC @ Max. Rated Power	0.697

### Transmission Rating:

Take-off/Normal Rated Power	317/270 SHP
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### Fuel Grade/Capacity

JP-4 or JP-5/73 gal.

### Airframe

Fuselage Length	32.3 ft.
Overall Length (rotor running)	41 ft.
Fuselage Width	6.4 ft.
Overall Width (rotor turning)	35.3 ft.
Overall Height	9.5 ft.
Normal Seating Capacity	4

### Rotor System

Main Rotor Diameter	35.3 ft.
Main Rotor Chord	13 in.
Number of Main Rotor Blades	2
Main Rotor RPM	354 RPM
Tail Rotor Diameter	5.2 ft.
Tail Rotor Chord	5.25 in.
Number of Tail Rotor Blades	2

*For more information, or for demonstrations of this or any other Bell helicopter, write*

**BELL HELICOPTER**

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