

# Republic 84 Thunderjet 105 Thunderchief: A Legacy of Speed and Supremacy

The Republic 84 Thunderjet and the Republic 105 Thunderchief were two of the most significant aircraft in the history of aviation. They were both designed and built by Republic Aviation, and they both played a major role in the Cold War. The Thunderjet was the first operational jet fighter in the United States Air Force, and the Thunderchief was one of the first supersonic fighters.

The Republic 84 Thunderjet was designed in the late 1940s, and it entered service in 1950. It was a single-seat, single-engine fighter-bomber that was powered by a General Electric J35 turbojet engine. The Thunderjet had a top speed of 650 mph (1,046 km/h) and a combat radius of 600 miles (965 km). It was armed with six .50 caliber machine guns and could carry up to 2,000 pounds (907 kg) of bombs or rockets.

The Thunderjet was used extensively in the Korean War, where it flew both air-to-air and air-to-ground missions. It was also used in the Vietnam War, where it was used primarily as a close air support aircraft. The Thunderjet was retired from service in the early 1970s.



## Republic F-84 Thunderjet & F-105 Thunderchief

by Greg Goebel

★★★★★ 5 out of 5

Language : English  
File size : 3049 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled

Print length : 70 pages  
Lending : Enabled



The Republic 105 Thunderchief was designed in the early 1950s, and it entered service in 1955. It was a single-seat, single-engine fighter-bomber that was powered by a Wright J65 turbojet engine. The Thunderchief had a top speed of 1,200 mph (1,931 km/h) and a combat radius of 1,000 miles (1,609 km). It was armed with four 20 mm cannons and could carry up to 8,000 pounds (3,629 kg) of bombs or rockets.

The Thunderchief was used extensively in the Vietnam War, where it flew both air-to-air and air-to-ground missions. It was also used in the 1967 Six-Day War between Israel and its Arab neighbors. The Thunderchief was retired from service in the early 1980s.

The Republic 84 Thunderjet and the Republic 105 Thunderchief were two of the most important aircraft in the history of aviation. They were both pioneers in their respective fields, and they both played a major role in the Cold War. The Thunderjet was the first operational jet fighter in the United States Air Force, and the Thunderchief was one of the first supersonic fighters. Both aircraft were used extensively in combat, and they both proved to be highly effective.

The Thunderjet and the Thunderchief are both now retired from service, but they remain two of the most iconic aircraft in history. They are a testament to the ingenuity and innovation of the engineers and designers who created them.

## **Republic 84 Thunderjet**

- Length: 34 ft 6 in (10.52 m)
- Wingspan: 37 ft 0 in (11.28 m)
- Height: 12 ft 0 in (3.66 m)
- Weight: 11,400 lb (5,171 kg)
- Engine: General Electric J35 turbojet engine
- Top speed: 650 mph (1,046 km/h)
- Combat radius: 600 miles (965 km)
- Armament: Six .50 caliber machine guns, up to 2,000 pounds (907 kg) of bombs or rockets

## **Republic 105 Thunderchief**

- Length: 56 ft 10 in (17.32 m)
- Wingspan: 38 ft 11 in (11.86 m)
- Height: 15 ft 2 in (4.62 m)
- Weight: 27,000 lb (12,247 kg)
- Engine: Wright J65 turbojet engine
- Top speed: 1,200 mph (1,931 km/h)
- Combat radius: 1,000 miles (1,609 km)
- Armament: Four 20 mm cannons, up to 8,000 pounds (3,629 kg) of bombs or rockets

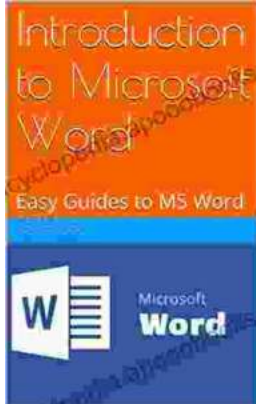


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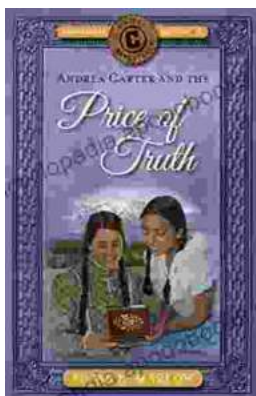
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