

Republic XF-84H Thunderscreech

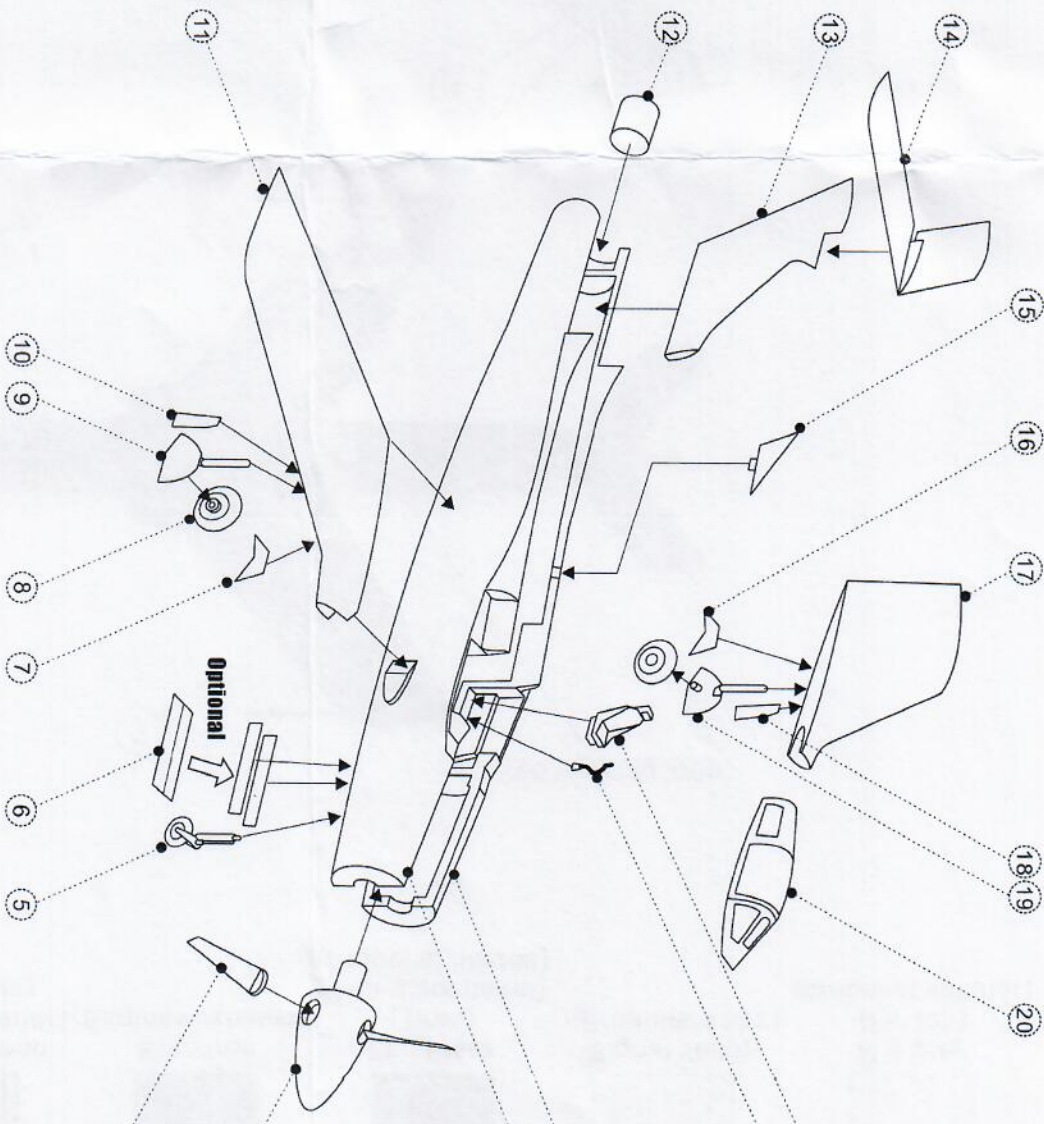
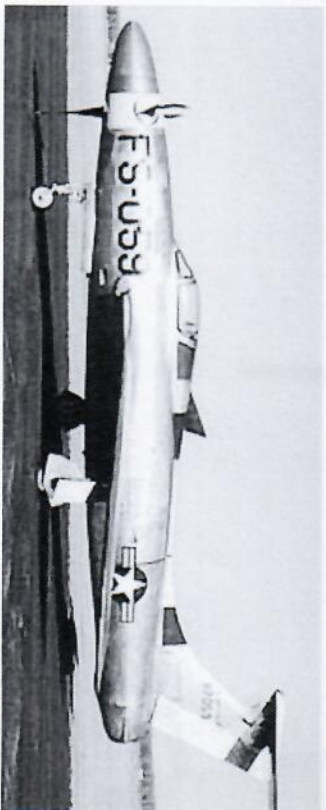
1/72 scale resin model kit #AA-2059

In 1950, Wright Air Development Center of the U.S.A.F. had worked with Curtiss and Hamilton to study the concept of new propeller which could approach supersonic speed to a piston-engine fighter. The engineers of the WADC needed a suitable airframe to test the concept, they selected the most powerful Allison turboprop engine at the time, and chose to modify the Republic F-84F for this new role. The concept also interested U.S. Navy to join the evaluation for a high-speed jet fighter with low fuel consumption by low take-off speed from turboprop driven propellers. In 1952, two prototypes were ordered to Republic and were designated XF-84H. Its maiden flight was made in 1955. The performance was not outstanding as it never reached supersonic speed, but still became the fastest propeller-driven fighter. After proceeded with several flights, both the Air Force and Navy lose further interest in the research as the mid-flight refuel experiment for extending the range of pure-jet fighters was being successful.

Specifications:

Wingspan-	33ft. 6in.
Length-	51ft. 6in.
Height-	15ft. 4in.
Engine-	1x Allison XT-40-A-1 turboprop
Crew-	1
Max speed-	670 mph
Armament-	1 x 20 mm cannon

Originally designated XF-106 but quickly changed to XF-84H, since it had in common with the F-84F as the wing and cockpit.





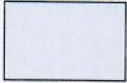
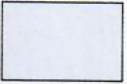


- 1 Port fuselage x 1
- 2 Starboard fuselage x 1
- 3 Propeller spinner x 1
- 4 Propeller blade x 3
- 5 Nose landing gear x 1
- 6 Nose gear door x 1
- 7 Starboard main gear door inner x 1
- 8 Main wheel x 2
- 9 Starboard main landing gear x 1
- 10 Starboard main gear door outer x 1
- 11 Starboard main wing x 1
- 12 Engine exhaust nozzle x 1
- 13 Fin x 1
- 14 Tail plane x 1
- 15 Triangular fin x 1
- 16 Port main gear door inner x 1
- 17 Port main wing x 1
- 18 Port main gear door outer x 1
- 19 Port main landing gear x 1
- 20 Canopy x 1
- 21 Pilot seat x 1
- 22 Control lever x 1

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Painting & Decals

- | | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Aluminium Silver
(Overall)
(Landing gears) | Interior Green
(Cockpit interior)
(Gear bays) | Burn Iron
(Engines exhausts) | Flat Black
(Tires)
(Anti-glare panel)
(Propeller blades) | Signal Yellow
(Propellers tips) | Mid grey
(Fin top)
(propeller spinner) |

