

# Republic XF-103 Thunderwarrior

## 1/72 scale resin model kit

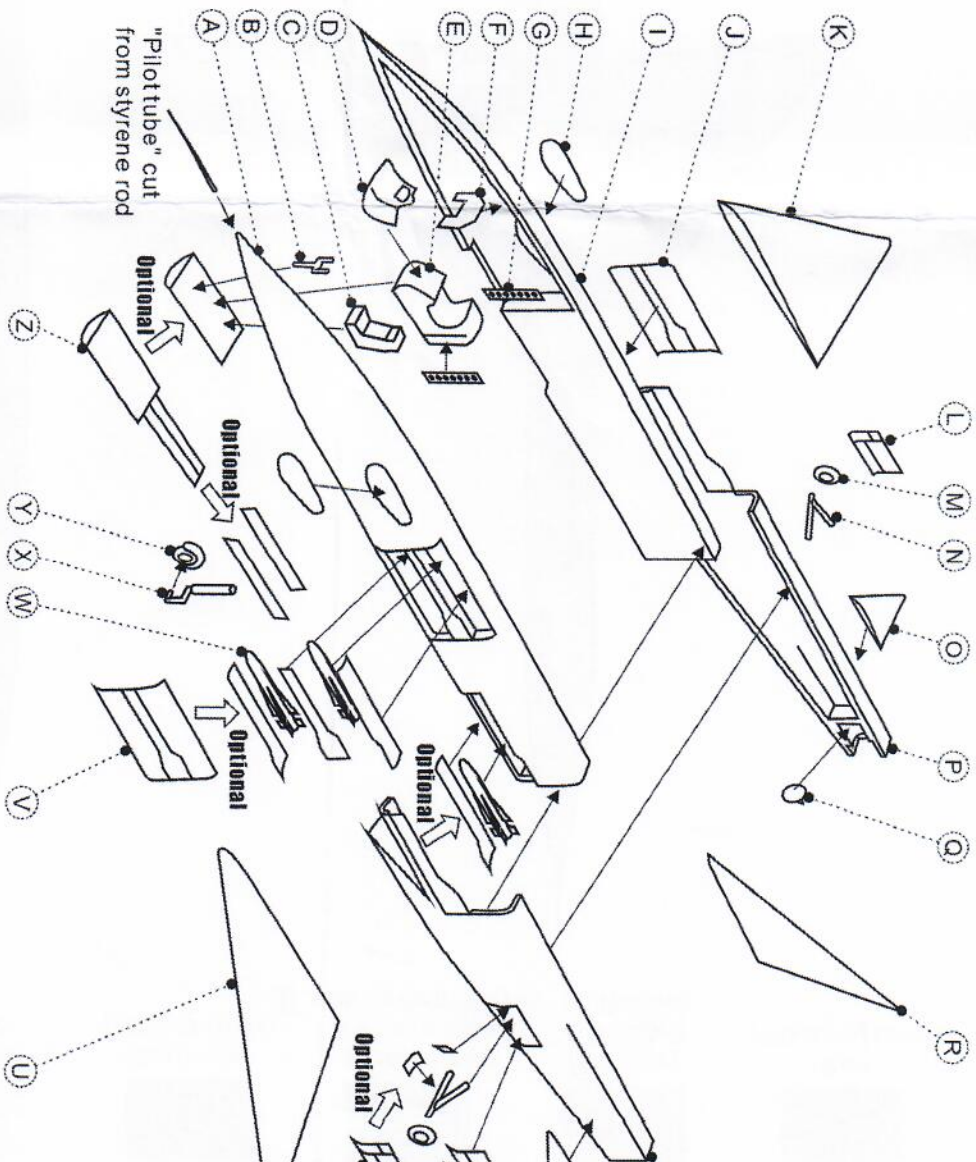
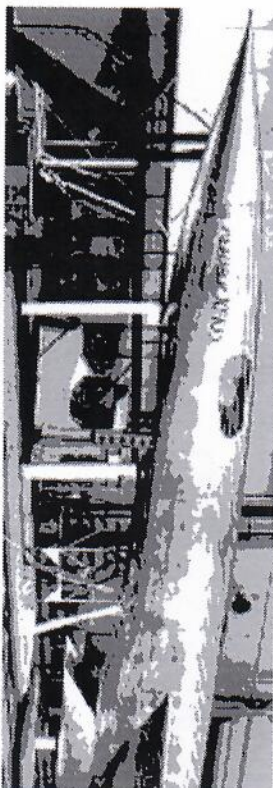
### #AA-2020

In 1949, U.S. Air Force introduced the new "weapons system" concept, in which consisting of the air-to-air guided missiles, fire control system and the "1954 interceptor" capable of supersonic flight. The project was designed to intercept the new Soviet intercontinental bombers. In 1951, Air Force announced that the Convair's YF-102 and the Republic's XF-103 were selected for the airframe part of the project. A mockup was inspected in 1953. Republic received a contract for 3 prototypes. It was adopted a dual-cycle propulsion system, a turbojet and a ramjet were installed tandem in the aft fuselage. Normal cruise turbojet was to be augmented by a ramjet. Due to a lot of development problems, difficulties of titanium fabrication structure, engines delay and cost overruns, Air Force deemed that the XF-103 was no longer a possible operational "1954 interceptor". The program was finally cancelled in 1957.

#### Specifications:

Wingspan -	35ft 10in
Length -	75ft 2in
Height -	18ft 4in
Powerplants -	Wright XJ67-W-1 turbojet / XRJ55-W-1 ramjet
Crew -	1
Max speed -	Mach 3
Armament -	Hughes GAR-3 Falcon air-to-air missile x 6

In order to survive escape at Mach 3, a downward ejecting "canopy-within-canopy" capsule was provided.



- (A) Port nose x 1
- (B) Control lever x 1
- (C) Pilot seat x 1
- (D) Capsule shield (clear) x 1
- (E) Capsule x 1
- (F) Instrument panel x 1
- (G) Capsule tracks x 2
- (H) Canopies (clear) x 2
- (I) Starboard nose x 1
- (J) Starboard weapon bay door x 1
- (K) Starboard main wing x 1
- (L) Starboard main gear door x 1
- (M) Main wheels x 2
- (N) Main landing gears x 2
- (O) Starboard tail planes x 2
- (P) Starboard fuselage x 1
- (Q) Engine nozzle x 1
- (R) Fin x 1
- (S) Port fuselage x 1
- (T) Port main gear door
- (U) Port main wing x 1
- (V) Port weapon bay do
- (W) Missiles x 6
- (X) Nose landing gear x
- (Y) Nose wheel x 1
- (Z) Nose gear door x 1

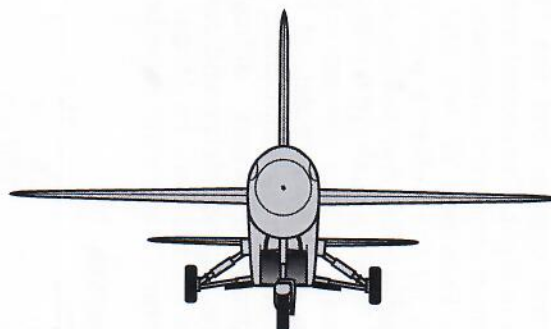
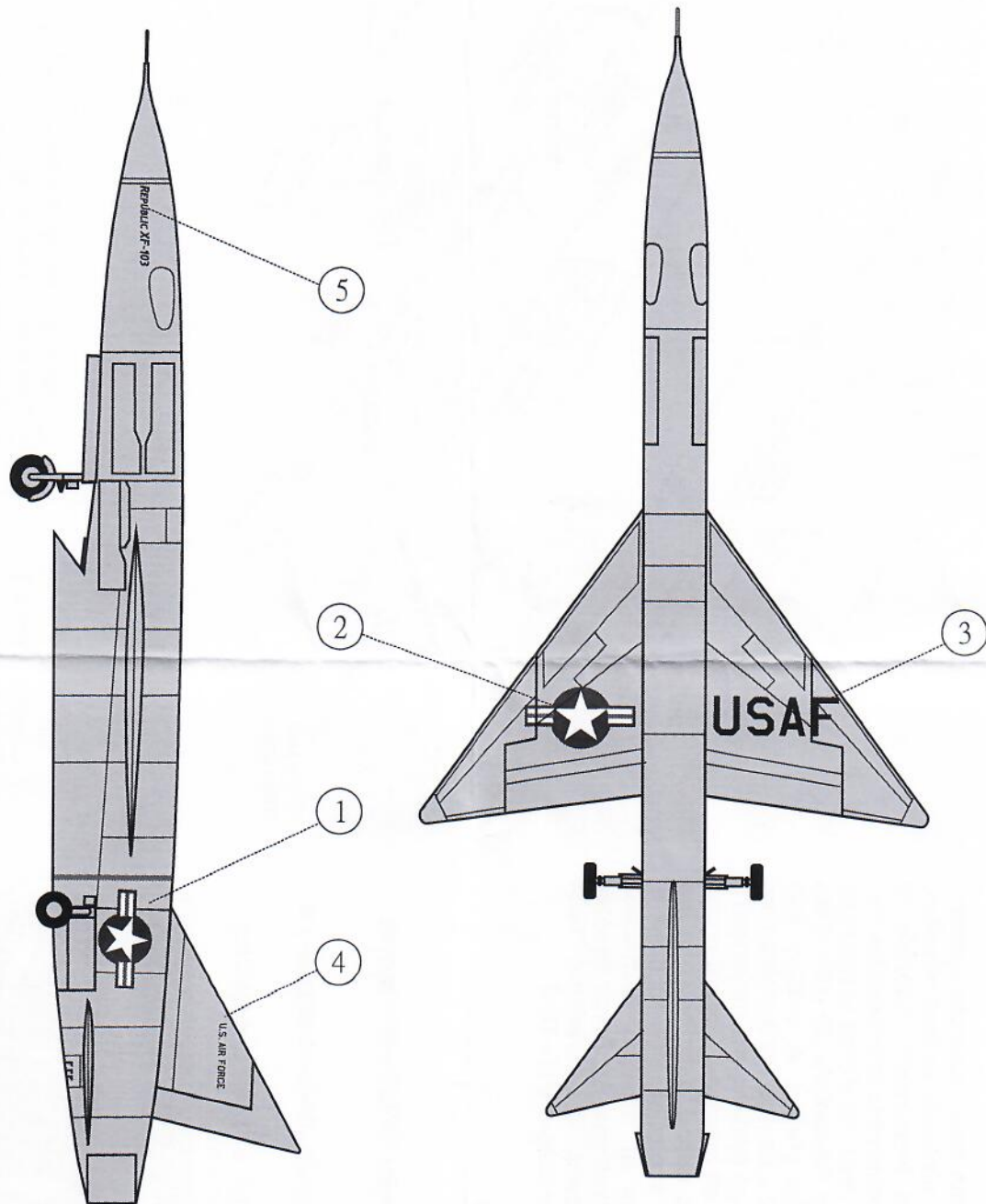
# ANIGRAND

CRAFTSWORK

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# Painting & Decals

- |   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| Aluminium Silver<br>(Overall)   | Burn Iron<br>(After burner)   | Interior Green<br>(Weapons bays)<br>(Landing gear bays)                           | Mid Grey<br>(Cockpit)<br>(Capsule)  | Red<br>(Warning strip)  |



Drawing scale: 1/144