Air Intake and Main Wings

**F101 Design Concept**

The F-101C is a supersonic jet fighter developed by Grumman in the 1950s. It was designed to have a high-speed cruise and a long range. The aircraft features a sleek fuselage and swept-back wings, enabling it to achieve Mach 2.2 at altitudes of up to 30,000 feet.

**Parts Configuration**

- **Fuselage**
  - Used for cockpits, fuel tanks, and structural integrity.
- **Wings**
  - Provide lift and allow for maneuverability.
- **Engine Inlets**
  - Intake the air for engine cooling and thrust generation.
- **Airframe**
  - The main body of the aircraft, including tail surfaces.

**Assembly Notes**

1. Carefully match the shapes of the parts before assembling.
2. Ensure all parts are securely fastened before final assembly.
3. Test flight checks are recommended post-assembly to ensure all systems function correctly.