

## Antonov An-2 Biplane

The Antonov An-2 biplane is widely used throughout the world as a passenger or cargo aircraft. This type is operated with the foreign governments including the Russian, China and North Korea military just to name a few. The plane is also used as a jump-plane for parachute jumpers.

### Mockup Specs:

**Seating:** 2 pilots, 12 passenger seats. It is offered with a door within a door for passenger or cargo (parachute jumpers)

### Paint Scheme:

**Ext:** light gray with upper light brown with red strips. (optioned for repaint)

**Int:** Cockpit with removable upper wall with 2 pilot seats. The cabin has troop seating that folds down from the wall.

**Instrument Panel:** Standard analog instruments, some gauges work on command while the others are fixed.

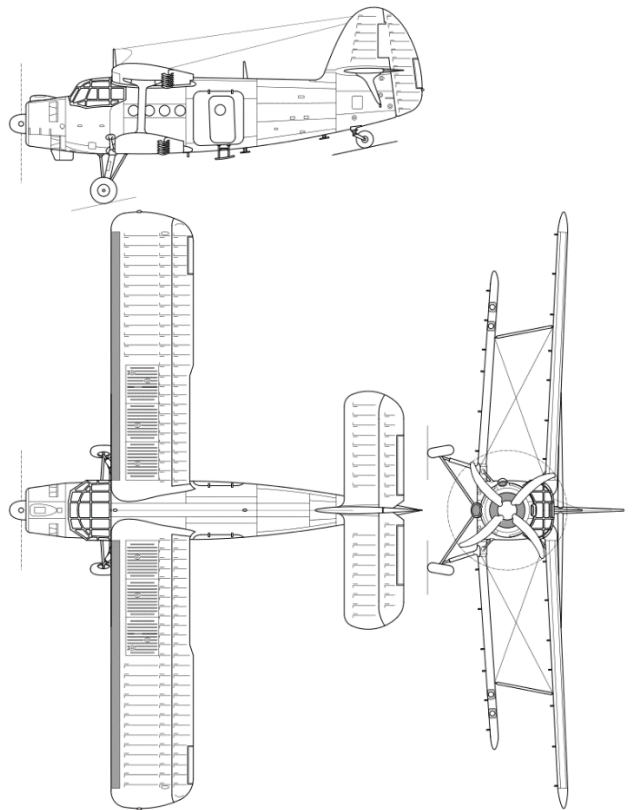
**Note:** The fuselage is currently mounted on a steel base. It is optioned with its landing gear, propeller, upper & lower bi-wings and tail fins. There are two wild sidewall panels on the fuselage for camera access plus the cockpit windows are wild.



An-2 is shown mounted to on a steel frame structure for motion base work.

### Dimensions:

(may vary based on configuration of build offered)



Complete cockpit with analog gauges. Cockpit windows are wild.

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Shown on its landing gear with propeller installed. Wings & tail removed but, optional for a complete look.



Interior cabin looking forward towards the cockpit.



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On the left side of the fuselage it is offered with a door within a door for passenger or cargo.



There are two wild sidewall panels on the fuselage for camera access plus the cockpit windows are wild.

**More images available upon request.**

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### General Data:

- **Crew:** 1–2
- **Capacity:** 12 passengers / 2,140 kg (4,718 lb)
- **Length:** 12.4 m (40 ft 8 in)
- **Upper wingspan:** 18.2 m (59 ft 9 in)
- **Lower wingspan:** 14.2 m (46 ft 7 in)
- **Height:** 4.1 m (13 ft 5 in)
- **Wing area:** 71.52 m<sup>2</sup> (769.8 sq ft)
- **Airfoil:** TsAGI R-11 (14%)<sup>[31]</sup>
- **Empty weight:** 3,300 kg (7,275 lb)
- **Gross weight:** 5,440 kg (11,993 lb)
- **Fuel capacity:** 1,200 l (320 US gal; 260 imp gal)
- **Powerplant:** 1 × [Shvetsov ASh-62IR](#) 9-cylinder air-cooled supercharge radial piston engine, 750 kW (1,010 hp)
- **Propellers:** 4-bladed constant-speed propeller

### Performance

- **Maximum speed:** 258 km/h (160 mph, 139 kn)
- **Cruise speed:** 190 km/h (120 mph, 100 kn)
- **Stall speed:** 50 km/h (31 mph, 27 kn) circa
- **Range:** 845 km (525 mi, 456 nmi)
- **Service ceiling:** 4,500 m (14,800 ft)
- **Rate of climb:** 3.5 m/s (690 ft/min)
- **Power/mass:** 0.136 kW/kg (0.083 hp/lb)
- **Fuel consumption:** 185–200 l/h (49–53 gal/h; 41–44 imp gal/h)

Tech data: [https://en.wikipedia.org/wiki/Antonov\\_An-2](https://en.wikipedia.org/wiki/Antonov_An-2)



An-2 shown inflight