

Y-8CB Cub [GX1] - 2006, PLAAF, 6x, HD-5 Beagle EW Replacement

China

Type: Electronic Warfare

Min Speed: 210 kt

Max Speed: 410 kt

Commissioned: 2006

Length: 33.1 m

Wingspan: 38.0 m

Height: 10.5 m

Crew: 6

Empty Weight: 28000 kg

Max Weight: 61000 kg

Max Payload: 20000 kg

Propulsion: 4x AI-20M [WJ-6]



Sensors / EW: - Generic Weather Radar - Radar, Radar, Weather, Max range: 64.8 km
- Generic OECM [Advanced] - (1980s) ECM, OECM, Offensive ECM, Max range: 0 km
- Generic ESM [Advanced] - (1990s, Precise Emitter ID) ESM, ELINT, Max range: 926 km
- Generic DECM [Advanced] - (2010s) ECM, DECM, Defensive ECM, Max range: 0 km

A license copy of the Antonov An-12 “Cub”, the Y-8 is used for many roles in Chinese service. Production started in the late 1960s and continues today; more than 125 have now been built plus additional examples for export and civilian (Y-8B & Y-8F100) use. The original design had a twin NR-23 gun in a manned tail turret; this is not included on the civilian versions, the specialized versions described below, nor recent examples of the military cargo version.

Y-8 for electronic counter-measures (ECM) uses a traditional Y-8C airframe. A large canoe shaped structure is located between the nose gear and main gear. This structure is similar to the domes installed on the Y-8 AEW 2 and PLA's Tu-154M/D electronic intelligence aircraft (registration number B-4138). The B-4138 Tu-154M/D was equipped a SAR in the canoe. However, the devices in Y-8 AEW 2 and Y-8 ECM are unknown. Besides these external characteristics, there are several blade antennas on the position of cargo door.

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