

Y-8XZ Cub [GX7] - 2006, PLaAF, 2x, PsyOps

China

Type: Electronic Intelligence (ELINT)

Min Speed: 210 kt

Max Speed: 410 kt

Commissioned: 2006

Length: 34.0 m

Wingspan: 38.0 m

Height: 11.6 m

Crew: 6

Empty Weight: 35488 kg

Max Weight: 61000 kg

Max Payload: 20000 kg

Propulsion: 4x AI-20D-6



Sensors / EW: - Generic COMINT - (1970s, 300Hz-300KHz) ESM, COMINT, Max range: 926 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-8X is PLAN's first long-range maritime patrol aircraft (range 5,000km). It is equipped with an American Litton AN/APS-504(V)3 surface search radar in an enlarged undernose radome plus western navigational systems for long range patrols over the sea. The aircraft also carries optical and IR cameras. Around 3 Y-8Xs are believed in service with PLA Naval Aviation (S/N 9261-9291, 9281 later converted to Y-8J) stationed in Shangdong Province. They have been carrying out routine long-range intelligence gathering missions near the coast of Japan and South Korea, prompting interceptions by F-15s and F-16s from the two countries. Some Y-8Xs (Y-8XG? 9271 & 9291) have been upgraded with a FLIR turret installed underneath the forward fuselage as well as small bar-shaped antennas on both sides of the forward fuselage. A canoe shaped fairing plus a couple blade antennas were seen attached to the bottom of middle and aft fuselage, suggesting the aircraft's ELINT mission has been further enhanced with possibly a new SAR capability.

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