

CC Air Ramstein



Allied Air Component Command Ramstein
Public Affairs Office



Fact Sheet

AN-2 Colt / AN-3 Colt / Y-5 Colt

An-2 was initially developed as an agricultural aircraft. Hence, the initial project name was SKh-1 (Selskoe Khozaistvo - Agriculture). First prototype flew on August 31, 1947. The aircraft went in production in 1949 and over 5000 were built. China began producing the AN-2 aircraft in the early 70s and it is still used by the North Korean military for troop transport. The AN-2 Colt provides combat support and combat service support to include reconnaissance, airborne or air-land resupply as well as airborne insertion of detachments. The crew consists of two pilots and can accommodate eight passengers. The AN-2 is night capable but the cockpit is not adapted for NVG use.

The Y-5 is Chinese copy of the Antonov An-2.

The An-3 is modification of the An-2 airplane, powered by a TVD-20 turboprop engine with the AV-17 three-blade propeller. The An-3 has new crew cabin design, heating and ventilation equipment, electrical engineering, flight/navigation equipment, alarm system, anti-fire equipment, and be used in the following versions: cargo, cargo/passenger, agricultural, extinguishing forest fire, ambulance.

The biplane are rectangular-shaped with curved tips, with one high-mounted and one low-mounted (shorter), connected and braced by two struts. A single radial piston engine (some versions are turboprop) is mounted in the nose. The fuselage is Short and thick with solid, blunt nose, a stepped cockpit, and fixed landing gear. The tail fin is tapered with a large, round tip. The flats are low-mounted on the tail fin and rectangular-shaped with curved tips.

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Specifications

Country of Origin	USSR, Poland
Builder	
Role	Light-transport (10 equipped troops), general utility
Similar Aircraft	U-6A Beaver, OV-1 Mohawk, OV-10 Bronco
Wing Span	59 ft, 8 in (18.19 m)
Length	41 ft, 9 in (12.75 m)
Height	4.1 m
Weight	3330 kg - empty 5500 kg - maximum takeoff 5800 kg - maximum takeoff [An-3] 1500 kg - maximum payload 1800 kg - maximum payload [An-3]
Engine	1xASh-62 IR, 985 hp 1xTVD-10B, 959 hp [AN-3]
Maximum speed	250 km/h
Cruising speed	220 km/h / 220-260 km/h [AN-3]
Range	1025 km - with maximum fuel 300 km - with maximum load
Service Ceiling	5000 m
Runway	650 m - dirt takeoff-landing strip 650 m - dirt takeoff-landing strip [An-3] 400 m - surfaced takeoff-landing
Armament	Usually none
Crew	Two
Cost	
User Countries	Afghanistan, Albania (Y-5), Angola, Benin, Bulgaria, Cambodia, CIS, Cuba, Germany, Iraq, Laos, Mali, Mongolia, Nicaragua, North Korea, People's Republic of China (Y-5), Poland, Romania, Tanzania, Vietnam



