

AIRBORNE OPERATIONS

An-74 Specifications Sheet

An-74 is a Ukrainian transport aircraft, developed by Antonov Design Bureau. The An-74 was initially an upgrade of the An-72 test aircraft, intended to be used in the Arctic and Antarctica; and had the designation An-72A "Arctic".

The aircraft's main purpose is to deliver cargo, equipment and personnel over short- and medium-range routes in any climatic conditions ranging from -60 Celsius to +45 Celsius (-76° to 113°F) and at any latitude, including the North Pole, and high altitudes. It can operate to and from low grade airstrips such as concrete, pebble, ice and snow aerodromes.

The aircraft may also be used for highly specialized operations including but not limited to pilotage and vessel escort; establishing and servicing of drifting stations; research operations in Arctic or Antarctic regions; visual ice patrol; fishery reconnaissance.

Performance Specifications	Imperial	Metric
Maximum Takeoff Weights	80,469 lbs	36,500 kg
Payload	22,046 lbs	10,000 kg
Range (with Max Fuel)	2,160 nmi	4,000 km
Range (with Max Payload)	215+ nmi	400+ km
Min Runway	4,265 ft	1,300 m
Fuel Capacity	3,574 gallons	16,247 liters
Fuel Consumption (Fuel Flow Rate)	422.6 gallons/hour	1,600 kg/hour
Maximum Speed	472 knots	760 km/hour
Cruise Speed	270 knots	500 km/hour
Maximum Altitude	33,137 ft	10,100 m
Dimensions		
Length	91.9 ft	28.0 m
Wingspan	104.7 ft	31.9 m
Height	28.2 ft	8.6 m
Cargo Hold Length x Width x Height	32.5 x 6.1 x 7.3 ft	9.9 x 2.1 x 2.2 m
Crew/Seating Capacity		5/52
Engines		
Thrust	2 x D-36-4A	
	2 x 14,330 lbs	

Disclaimer: Information presented herein is indicative in nature and should not be relied upon. Specifications presented are typical for the aircraft model referenced above. Actual specifications may vary depending on mission requirements.