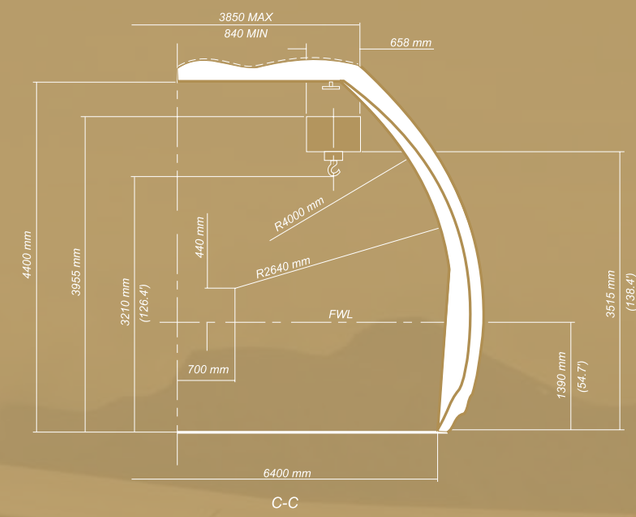
AN 124-100

The AN-124-100 heavy transport aircraft has the largest payload and accessible dimensions of any production airplane in the world. The aircraft can carry a 120-ton payload and has a cargo hold of 750 cubic meters; the rear ramp can carry an extra 5 tons during flight.

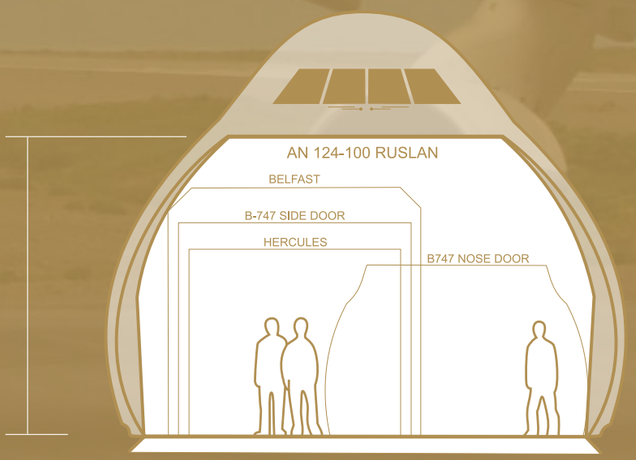
The AN-124-100 is a civil - certified commercial long-range freighter, widely used for the carriage of outsize and very heavy pieces of air cargo which no other aircraft can accommodate.

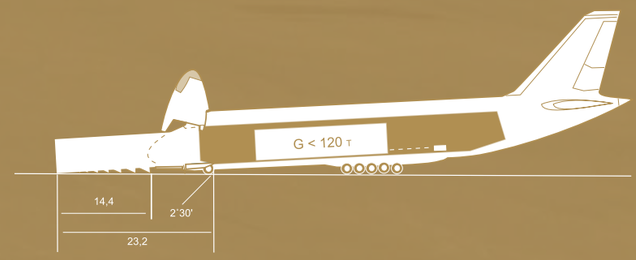
This unique aircraft continues to dominate the air cargo market and is the number one choice for transportation of outsize and heavy air cargo! Moreover all of the AN-124-100s are equipped with additional reinforcing sets of on-board cranes capable of lifting one peace cargo up to 30 tons.

Cargo Cabin Dimensions



C-C

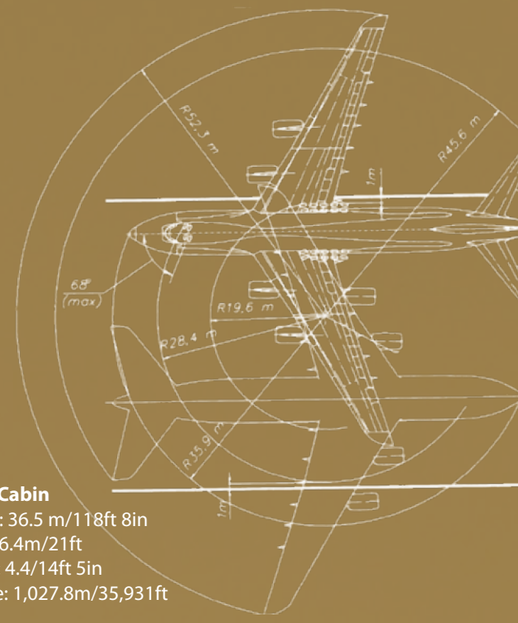




Polet Airlines is using three sets of HLE stationed at three locations: Russia (ULY), Germany (HMN) and United States of America (IAM). This strategic planning and distribution of the sets allows Polet to cover most of the world cost-efficiently.

In addition to its commercial operations, Polet has been involved in a number of humanitarian projects with the United Nations and Red Cross. Polet has completed relief flights to The Congo, Tanzania, Africa and East Timor and other countries.

Technical Data



Cargo Cabin
Length: 36.5 m/118ft 8in
Width: 6.4m/21ft
Height: 4.4/14ft 5in
Volume: 1,027.8m/35,931ft

Weight
Max. Take-Off Weight (MTOW): 392 Tons
Max. Payload (2.5g): 120 Tons
Zero Fuel Aircraft Weight: 184 Tons
Max Fuel Reserve: 214 Tons

Opening Capabilities
Cruising Speed (Max Range): 405–460kts
Cruising Altitude (Max Range): 35,000ft

Practical Range with:
Reserves: 200nm + 30′ + 5%
Payload of 120 Tons: 1890nm
Payload of 80 Tons: 3131nm
Payload of 50 Tons: 4400nm
Payload of 40 Tons: 6857nm
With Max. Fuel Reserve: 6857nm

Landing Gear
Main landing gear: 8m
Landing gear base: 22.9m
Wheels: 5 bogies each side, 2 tyres each
Steering: via main nose gear
Radius of turn: 25m
Min. runway width of landing: 35m
Max. angle of glide path roll 4 30′

Weights and Measures
Wingspan: 73.3m/240 ft 5in
Length: 69.1m/226ft 8in
Height: 20.8m/68ft 2in
Wing Area: 628m/6,757ft
Max. payload: 120,000kg/264,600 lb
Max. fuel weight: 213,000kg/469,665lb
Max. cruising speed: 467kt 865km/hr 537mph
Normal cruising speed: 432–459kt 750–850km/hr 497–528mph
Approach speed: 124-140kt 240-290km/hr 143–162mph
Take-off distance at max. take-off weight: 3,000m/9,850ft
Landing run at max. landing weight: 1,800m/5,900ft
Range with max. payload: 4,500km/2,796 miles.

“Kneeling”
The AN-124 is capable of kneeling on the nose or main undercarriage in order to bring the sill height within 1.4m of the ground, with a shallow 3O angle from the sill down to the ground. The kneeling process takes 3 minutes to lower and 6.5 minutes to raise the aircraft.

Airborne Handling Cranes
Two overhead traveling cranes are fitted, allowing non wheeled loads of up to 20 tons to be brought on board without any external lifting equipment. Two winched are fitted for towing wheeled vehicles onto the aircraft. These winches allow a max tension of 29.4kN on the rope. The rear ramp can carry 5 tons during flight.

Polet Airlines close relationship with the peace-keeping forces has grown over the years. Providing continuous support to the United Nations aid relief work, both parties have seen many successful missions. UN projects typically involve lifting tracks, water purification plants, medical supplies, excavators, and construction equipment.

Another factor that sets Polet apart from its competitors is its involvement in the space technology program. Polet Airlines is the only operator of AN-124-100 licensed by the Russian space agency for transport of satellites and satellite rockets.

Well established in the air cargo market for the last couple of years, Polet Airlines focuses on the International passenger flights development too.

Polet Airlines is well known for:

- Accident-free operation
- Excellent technical condition of all aircraft
- Prompt decision-making
- Flexible business policies
- Customer-oriented operations
- Modern equipment ensuring rapid response
- Independence
- Personal responsibility of team members as a part of control system
- Participation in development modernization programs