

# YAK-42

Russia

## Aircraft variants

YAK-42	Standard production version up to 1987, available in pax or freighter configurations
YAK-142K	Upgraded performance convertible pax/freighter version with large cargo door

## Noise levels (EPNdb)

Take off	93.8
Sideline	93.6
Approach	102.6

*Does not meet Chapter 3 noise legislation requirements*

## General dimensions

Wingspan	34.88 m (114' 5")
Length	36.38 m (119' 4")
Height	9.83 m (32' 3")

## Freight deck/cabin dimensions

Length	19.89 m (65' 3")
Max width	3.6 m (11' 10")
Width at floor	N/A
Height	2.08 m (6' 10")
Volume	-

## Freight door dimensions

Main	2 m x 3.23 m (6' 8" x 10' 7")
Forward	1.35 m x 1.14 m (4' 5" x 3' 9")
Aft	N/A
Bulk A	N/A
Bulk B	N/A
Ramp	N/A

## Weights

EOW	33 000 kg (72 752 lb)
MZF	-
MTOW	57 500 kg (126 765 lb)
MLW	50 500 kg (111 333 lb)



## Operating data

Max cruise speed	437 kts (503 mph) 810 kph
Fuel capacity	23 200 litres (40 785 lb) 18 500 kg
Fuel burn p/h	3 900 litres (858 gal) 1 030 US gal
Runway required T/O	2 200 m (17 218 ft) ISA
Runway required Ldg	-

# Short/medium range freighter

3 turbofans • First flight 1975



YAK-42

## Payload

13 000 kg (28 660 lb)

Two freight holds under cabin floor. Can carry a combined volume of 2.2 m<sup>3</sup> (77.69 ft<sup>3</sup>) or a similar volume of bulk

Floor-mounted chain-driven loading equipment in under cabin holds

## Additional information

- Able to operate in remote areas and at extremes of temperature
- Can operate from unimproved runways under ICAO Catagory II