

ILYUSHIN IL-76

Russia

Aircraft variants

IL-76 TD	Strengthened wings for more fuel and MTOW of 190 000 kg (418 878 lb)
IL-76 T	Upgrade for MTOW of 170 000 kg (374 784 lb)

Noise levels (EPNdb)

Take off	107.3
Sideline	102.7
Approach	108.9

General dimensions

Wingspan	50.5 m (168' 5")
Length	46.49 m (152' 10")
Height	14.76 m (48' 5")

Freight deck/cabin dimensions

Length (with ramp)	24.54 m (80' 6")
Max width	-
Width at floor	3.45 m (11' 4")
Height (max)	3.4 m (11' 2")
Volume	183.6 m ³ (6 485 ft ³)

Freight door dimensions

Main	N/A
Forward	N/A
Aft	N/A
Bulk A	N/A
Bulk B	N/A
Ramp	3.4 m x 3.45 m (11' 2" x 11' 4")

Weights

EOW	89 000 kg (196 211 lb)
MZF	136 000 kg (299 825 lb)
MTOW	190 000 kg (418 878 lb)
MLW	155 000 kg (341 716 lb)



Operating data

Max cruise speed	421 kts (485 mph) 780 kph @ 12 000 m (39 370')
Fuel capacity	109 480 litres (187 040 lb) 84 840 kg
Fuel burn p/h	8 000 kg (17 637 lb)
Runway required T/O	1 700 m (5 578')
Runway required Ldg	1 000 m (3 281')

Medium/long range freighter

4 turbofans • First flight 1971



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Payload

IL-76 T	47 000 kg (103 616 lb)
IL-76 TD	50 000 kg (110 231 lb) Total cargo volume of 83.6 m (6 485') All standard Russian containers can be carried A typical load may comprise 8 UAK-5 or 4 UAK-20 containers

Additional information

- The IL-76 does not conform with Chapter 3 noise regulations and is barred from operating in the USA or Western Europe, unless fitted with PS-90A engines. The re-engined IL-76TD-UD, which can fly into these countries is operated by Volga-Dnepr Airlines and Silk Way of Azerbaijan.
- Can operate from unprepared strips, if the MTOW is reduced to 157 500 kg (347 228 lb)
- Freight hold is pressurised to 7.25 psi
- 2 floor-mounted electrical winches of 3 000 kg (6 614 lb) capacity each. Roller tracks on floor
- Ramp can lift up to 30 000 kg (66 139 lb) and has 4 toe plates to facilitate loading vehicles and trailers
- Flares can be carried as expendable stores to illuminate unprepared landing sites