

SOCATA TBM

France

Aircraft variants

TBM 700 Initial production version with strengthened floor, tie down points and 1.8 m³ (63.57 ft³) cabin volume

Noise levels (EPNdb) GE CT7-9B engines

Certified noise level to ICAO Annex 16 is 73.9 db(A)

General dimensions

Wingspan 12.68 m (41' 7")
Length 10.65 m (34' 11")
Height 4.4 m (14' 3 1/2")

Freight deck/cabin dimensions

Length 4.05 m (13' 3 1/2")
Max width 1.21 m (3' 11 1/2")
Width at floor N/A
Height 1.22 m (4')
Volume 3.5 m³ (124 ft³)

Freight door dimensions

Main 1.19 m x 1.08 m
(3' 11" x 3' 6 1/2")
Forward N/A
Aft N/A
Bulk A N/A
Bulk B N/A
Nose N/A

Weights

EOW 1 860 kg (4 100 lb)
MZF 2 722 kg (6 000 lb)
MTOW 2 984 kg (6 579 lb)
MLW 2 835 kg (6 250 lb)



Operating data

Max cruise speed 300 kts (345 mph) 555 kph @ 7 925 m (26 000')
Fuel capacity 1 066 litres (234 gal) 282 US gal
Fuel burn p/h 182 litres (401gal) 483 US gal
Runway required T/O 650 m (2 133')
Runway required Ldg 500 m (1 640')

Light express freight aircraft

1 turboprop • First flight 1988



SOCATA TBM

Payload

800 kg (1 764 lb)

50 kg (110 lb) of packages or similar sized items can be carried in the unpressurised nose compartment and 100 kg (220 lb) can be carried in the pressurised aft compartment

Additional information

- Pressurised fuselage with environmental control
- Added 'pilot door' allows full volume of cabin to be used
- Quick change capability between pax/freight usage
- Metal reinforced floor and tie down points in floor rails