



**BE-170**  
CORPORATE  
AMPHIBIOUS AIRCRAFT

# BE-170

## CORPORATE AMPHIBIOUS AIRCRAFT

### CHARACTERISTICS

#### FLIGHT DATA

Flight range with  
8 passengers onboard, fuel reserve (NBAA) for 45 min,  
200 miles to alternate airfield,  
at the altitude of 10 -11 km 3024 n. miles / 5600 km  
Maximum flight speed 405 miles/h / 750 km/h  
Runway length 8202 ft / 2500 m  
Water area length 9842 ft / 3000 m  
Water area width 492 ft / 150 m  
Water area depth 8 ft 2.4 in / 2.5 m  
Seaworthiness 2 ft 7.5 in / 0.8 m

#### DIMENSIONS

##### External

Length 76 ft 47 in / 23.3 m  
Wing span 73 ft 11 in / 22.54 m  
Height 21 ft 12 in / 6.7 m  
Wing area 562 ft<sup>2</sup> 44.2 in<sup>2</sup> / 52.24 m<sup>2</sup>  
Wheel base 31 ft 9.9 in / 9.7 m  
Wheel track 15 ft 0.98 in / 4.597 m

##### Internal

Passenger cabin length 34 ft 7.8 in / 10.56 m  
Passenger cabin maximum width 8 ft 4 in / 2.54 m  
Passenger cabin height 5 ft 10.9 in / 1.8 m  
Passenger cabin floor area 288 ft<sup>2</sup> 6.1 in<sup>2</sup> / 26.76 m<sup>2</sup>  
Luggage compartment floor area 55 ft<sup>2</sup> 140 in<sup>2</sup> / 5.2 m<sup>2</sup>

#### ENGINES

Number and type 2 x AI-22  
Thrust take-off setting  
(H=0, Mn=0, ISA+150 C) 3820 kgf  
maximum cruising setting  
(H=12 км, Mn=0.75, ISA) 775 kgf  
Specific consumption 0.63 kgf/kgf·h  
Dry weight 765 kg

#### DOORS AND EXITS

##### Entrance door

Height 5 ft 3 in / 1.6 m  
Width 2 ft 7.5 in / 0.8 m

##### Front escape door

Height 3 ft 8.1 in / 1.12 m  
Width 2 ft / 0.61 m

##### Rear escape door

(LH side)  
Height 3 ft 8.1 in / 1.12 m  
Width 2 ft / 0.61 m

##### Rear escape door

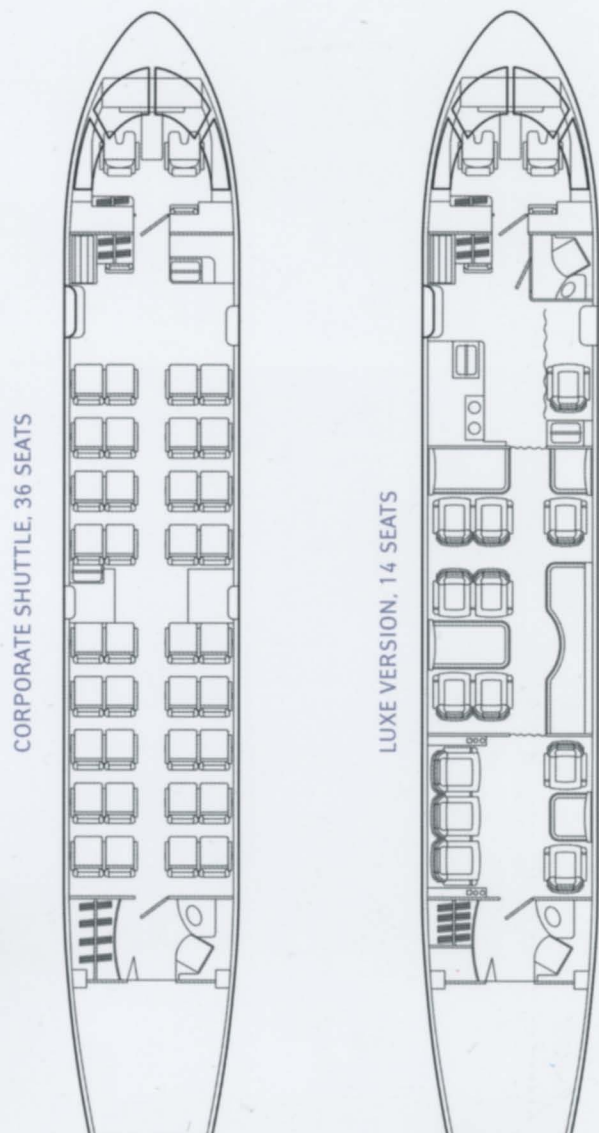
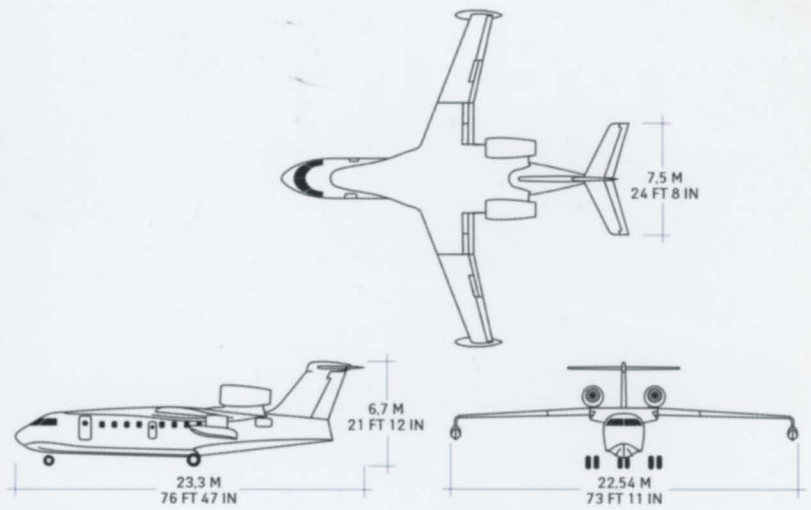
(RH side)  
Height 3 ft 8.1 in / 1.12 m  
Width 2 ft / 0.61 m

#### CREW AND PASANGERS

Crew 2  
Number of passengers:  
luxe 10+2 (14 maximum)  
Corporate shuttle 36

#### WIGHT AND LOAD

Maximum parking weight 50705 lb / 23000 kg  
Maximum take-off weight 50705 lb / 23000 kg  
Maximum landing weight 50705 lb / 23000 kg  
Empty weight 32628 lb / 14800 kg  
Fuel weight  
Maximum payload 15873 lb / 7200 kg  
Wing load 1239.7 lb/ft<sup>2</sup> / 440.3 kg/m<sup>2</sup>



*NOTE: Information, technical data and performance figures in this brochure are of a general nature only and are subject to change. The information here is not intended to convey guarantees or warranties of any kind, and any guarantees or warranties that are offered to customers are provided in their specific purchase agreements.*