

# DHC-6 TWIN OTTER

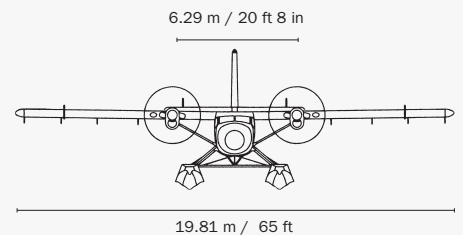
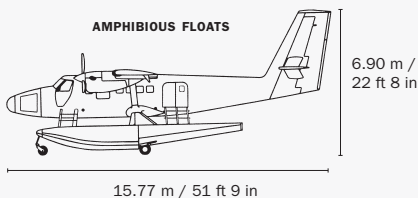
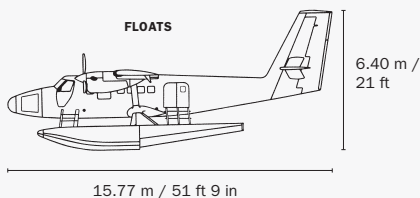
## Series 400 – Floats



**THE DE HAVILLAND CANADA DHC-6 TWIN OTTER** is a twin turboprop utility aircraft that has built its reputation as a safe and dependable workhorse throughout its 50-year history. The Twin Otter Series 400 marries a modern avionics suite with a rugged airframe that has proven its reliability through decades of operation on all types of terrain. When mounted on amphibious floats, these aircraft move seamlessly between paved surfaces and water-landing areas, shuttling passengers and cargo between coastal communities and remote island destinations. Whether in its commercial airline layout or configured for VIP transportation, medivac, or special missions, the Twin Otter Series 400 has flexible interior options to meet a wide variety of operational needs.

Backed by De Havilland Canada's global support network, the stable and robust Twin Otter Series 400 equipped with amphibious floats meets the demanding needs of seaplane operators.

### EXTERNAL DIMENSIONS



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# DHC-6 Twin Otter Series 400 - Floats Specifications

AIRCRAFT DIMENSIONS	FLOATS		AMPHIBIOUS FLOATS	
	Wingspan	19.81 m	65 ft	19.81 m
Horizontal Stabilizer Span	6.29 m	20 ft 8 in	6.29 m	20 ft 8 in
Aircraft Length	15.77 m	51 ft 9 in	15.77 m	51 ft 9 in
Aircraft Height	6.40 m	21 ft	6.90 m	22 ft 8 in

CABIN DIMENSIONS	FLOATS		AMPHIBIOUS FLOATS	
	Cabin Length	5.61 m	18 ft 5 in	5.61 m
Cabin Height	1.50 m	4 ft 11 in	1.50 m	4 ft 11 in
Cabin Width	1.75 m	5 ft 9 in	1.75 m	5 ft 9 in
Left Side Cabin Door	1.27 x 1.42 m	50 x 56 in	1.27 x 1.42 m	50 x 56 in
Right Side Cabin Door	0.76 x 1.16 m	30 x 45.5 in	0.76 x 1.16 m	30 x 45.5 in
Maximum Pax Seating	19		19	
Minimum Flight Crew	1		1	

POWERPLANT	FLOATS		AMPHIBIOUS FLOATS	
	Engines	Pratt & Whitney PT6A-34		Pratt & Whitney PT6A-34
Flat-rated to (ISA + 27°C, Sea Level)	620 shp		620 shp	
Propellers, Hartzel - Three Bladed Reversible Pitch	HC-B3TN-3DY		HC-B3TN-3DY	

DESIGN WEIGHTS & CAPACITIES	FLOATS		AMPHIBIOUS FLOATS	
	Maximum Takeoff Weight	5,670 kg	12,500 lb	5,670 kg
Maximum Landing Weight	5,579 kg	12,500 lb	5,670 kg	12,500 lb
Typical Operational Weight Empty	3,957 kg	8,725 lb	4,266 kg	9,405 lb
Standard Fuel Capacity	1,168 kg	2,576 lb	1,168 kg	2,576 lb
Optional Extended Fuel Capacity	1,440 kg	3,176 lb	1,440 kg	3,176 lb

PERFORMANCE	FLOATS		AMPHIBIOUS FLOATS	
	Maximum Cruise Speed - ISA, Sea Level	150 KTAS		150 KTAS
Maximum Cruise Speed - ISA, 5,000 ft	161 KTAS		161 KTAS	
Maximum Cruise Speed - ISA, 10,000 ft	162 KTAS		162 KTAS	
SFAR 23 Takeoff Field Length to 50 ft at MTOW	599 m	1,965 ft	1,965 ft (water)	1,843 ft (runway)
SFAR 23 Landing Field Length from 50 ft at MLW	564 m	1,851 ft	1,851 ft (water)	1,450 ft (runway)
Payload for 100 nm range at Maximum Cruise Speed	1,395 kg	3,075 lb	1,134 kg	2,500 lb
Payload for 250 nm range at Maximum Cruise Speed	1,117 kg	2,463 lb	903 kg	1,992 lb
Maximum Range (Zero Payload) Standard Tanks	1,272 km	687 nm	1,272 km	687 nm
Maximum Range (Zero Payload) Long-Range Tanks	1,542 km	833 nm	1,542 km	833 nm

NOTE: Payload and range data assumes fuel reserve for 45 minutes at cruise altitude and maximum endurance speed.

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