# DHC-6 TWIN OTTER CLASSIC 300-G





**FOR OVER 50 YEARS,** the DHC-6 Twin Otter has stood alone as the most reliable and versatile aircraft in its class. After extensive consultation with customers, De Havilland Canada is poised and proud to take this iconic aircraft to new heights with the new DHC-6 Twin Otter® Classic 300-G<sup>TM</sup>.

#### **The Small Utility Aircraft of Choice**



#### **Short Take-Off & Landing Capability (STOL)**

1,200 ft (366 m) take-off and 1,050 ft (320 m) landing field length



### **Variety of Landing Gear Configurations**

Wheels, Floats, Amphibious Floats, Wheel Skis, Skis, Intermediate Flotation Gear



#### **Flexible Interior Configurations**

All Passenger, All Cargo, Quick Change, Dual-Class, VIP, Paratroop, Special Mission



**Dual or Single Pilot Operation** 

#### **Made Even Better**



More Payload, More Range



**New Flight Deck** 



**Two Engine Options** 



**Redesigned Cabin Interior** 



Lower Operating Costs and Enhanced Dispatch Availability



### THE CLASSIC 300-G ADVANTAGE



### GARMIN G1000® NXI FLIGHT DECK

- Fully integrated avionics suite with functionality and capability to meet current and future ATC requirements
- Autopilot, FMS, Weather Radar, Satellite Communications, Ground Proximity Warning, Traffic Advisory, Flight Tracking System, Synthetic Vision, Video Display, and more





### LOWER OPERATING COSTS AND ENHANCED DISPATCH AVAILABILITY

- More robust systems with longer service life and extended time between overhauls
- New cabin interior utilizing new and durable materials with reduced part count
- Zonal Maintenance Program consolidates inspections/checks, and eliminates duplication and re-inspection
- Less time on the ground for maintenance means more flying time











### **MORE PAYLOAD, MORE RANGE**

- 400-500 lb basic weight reduction
- Weight reduction gives more payload and/ or longer range capability
- Overall, 8% increase in revenue



### A COMPLETELY REDESIGNED CABIN INTERIOR

- · Modern design blending aesthetics and functionality
- Redesigned window reveal providing more natural light and brighter cabin ambiance
- New integrated Passenger Service Units featuring LED lights and gaspers for improved passenger comfort and convenience







### TWO ENGINE OPTIONS: ECONOMY MEETS PERFORMANCE

- Standard PT6A-27 engine is the economical choice, providing efficient performance and fuel consumption
- Optional PT6A-34 engine is designed for extreme operations, ideal for challenging environments and demanding missions
- New starter generators with cross generator start paired with a lithium chemistry battery offer powerful and reliable starting capabilities





## GREATER RETURN ON INVESTMENT

With higher revenue generating capability and lower operating cost, the Twin Otter Classic 300-G offers greater profitability and enhanced operational flexibility. Coupled with OEM warranty and product support, it makes the Twin Otter Classic 300-G a compelling investment.

Once again, the Twin Otter Classic 300-G raises the bar for the small utility air transport industry.



### LANDING GEAR CONFIGURATIONS











**AMPHIBIOUS FLOATS** 

**FLOATS** 

WHEEL SKIS

INTERMEDIATE FLOTATION GEAR

STANDARD WHEEL CONFIGURATION



### **SPECIFICATIONS AND PERFORMANCE**

DESIGN WEIGHT	Maximum Take-Off Weight	5,670 kg	12,500 lb
	Maximum Landing Weight	5,579 kg	12,300 lb
SHORT TAKE-OFF AND LANDING PERFORMANCE*	Take-Off Distance to 50 ft (15.2 m)	366 m	1,200 ft
	Landing Distance from 50 ft (15.2 m)	320 m	1,050 ft
SFAR 23 TAKE-OFF AND LANDING DISTANCE	Take-Off Distance to 50 ft (15.2 m)	454 m	1,490 ft
	Landing Distance from 50 ft (15.2 m)	460 m	1,510 ft
	Accelerate-Stop Distance	675 m	2,220 ft
SPEED	Maximum Cruise Speed - Sea Level	170 KTAS	
	Maximum Cruise Speed - 5,000 ft	181 KTAS	
	Maximum Cruise Speed - 10,000 ft	182 KTAS	
PAYLOAD AND RANGE Capability**	Payload for 100 nm (185 km) Range	1,963 kg	4,328 lb
	Payload for 250 nm (463 km) Range	1,754 kg	3,868 lb
	Maximum Range (Zero Payload)	1,613 km	871 nm
	Maximum Range (2,270 lb (1,030 kg) of Payload)	1,487 km	803 nm

"Local regulatory approval required "'Standard fuel tanks; Payload estimates based on Maximum Cruise Rating speed @ 10,000 ft; Maximum Range estimates based on Long Range Cruise speed @ 10,000 ft; 45-minute reserve fuel @ cruise altitude and Maximum Endurance Speed.

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