# DEHAVILLAND DHC-6-400 Model Guide

DEHAVILLAND DHC-6-400 is the Twin Otter Series 400. The only source supplied is a De Havilland Canada maintenance-training brochure, so this guide covers support and maintenance, not performance or price. It lists a PT6A-34 engine, a Hartzell 3 bladed propeller and Honeywell Apex avionics. It also describes a Wipaire amphibious float option.

## KEY TAKEAWAYS

- The DHC-6-400 uses a PT6A-34 engine, a Hartzell 3 bladed propeller and Honeywell Apex avionics.
- De Havilland Canada Field Service Representatives give in-country technical support and training to DHC-6 operators.
- Initial B1/B2 technician training for the Series 400 runs 15 days (105 hours).
- A float course covers Wipaire 13,000 lbs floats, including salt water maintenance.

## SYSTEMS TO KNOW

Series 400 differences from the Series 300 are in the airframe, engine and avionics. The differences course covers the fuel, hydraulic, flight control and landing gear systems. It also covers the PT6A-34 engine overview, the Hartzell 3 bladed propeller and the Honeywell Apex avionics, including software loading and troubleshooting.

## SUPPORT AND TRAINING AVAILABLE

Field Service Representatives (FSRs) support operators in-country. De Havilland's EASA Part 147 approved training organization can teach Series 400 maintenance anywhere in the world. Courses: Initial B1/B2 (15 days, 105 hours), Differences (5 days, 35 hours), Phase 2A Avionics and Autopilot (5 days, 35 hours), Amphibious Float (5 days, 35 hours), Engine Ground Run, Rigging and Taxi (5 days, 30 hours).

## FLOAT AND ENGINE RUN CHECKS

For float aircraft, the training covers Wipaire 13,000 lbs float construction, hydraulic and electrical operating systems, and salt water maintenance of the airframe, floats, wheels and brakes. Engine run-up training covers the OS Gov, Auto Feather and Fire Warning tests and the Chapter 71 maintenance checks.

## SAFETY NOTES

> - The source says its technical information may be inaccurate and should never be relied on for operational use. Use the approved manuals.
> - The library record lists a piston engine, but the source describes a PT6A-34 engine. Verify the engine fitted to any aircraft you inspect.

AI-aggregated guide for the DEHAVILLAND DHC-6-400 · sources: TWIN OTTER FSR SERVICES AND MAINTENANCE (#100326) · generated 2026-11-26 · Reference only, not for flight. Check the original documents before relying on this guide.