

# Virtual Transition & Procedure Course DA42/G1000 VTP



## Three-section preparation ground course for the transition to the DA42 Twin Star and D-SIM-42

- **DA42 System**

- Structure and equipment, normal system operation and malfunctions
- Limitations
- Performance
- Load and balance, servicing
- Emergency procedures
- Garmin G1000 integrated flight deck (introduction)
- Human factors of high altitude flying and use of oxygen

- **Garmin G1000 Knowledge and Operation IFR/VFR**

- Basic layout of the PFD and interpretation of data presented
- COM and NAV tuning, audio panel, transponder
- Navigation with ground based aids, GPS direct-to and flight plan navigation
- MFD pages, MAP setup, AUX 4 setup, NEAREST airport selection
- Emergency modes
- Approaches (ILS, VOR, GPS), holding, procedure turn, DME arc, missed approach
- Integration of GFC700 Automatic Flight Control System

- **Horizon Company Procedures**

---

## Course Layout

- Distance learning course
- Learning Objectives guide the student efficiently through the course.
- 54 Learning Modules
- Knowledge level and progress are continuously checked by means of quizzes
- Stage Assessment Papers (online tests) complete each section

---

## Prerequisites

- PPL(A) licence
- Sound knowledge of English

---

## Various

- All learning material is provided for download free of charge.
- Learning material and modules are entirely in English
- Final exams (SAP) to be performed online in English
- The course is only available for students undergoing practical training with Horizon

---

## Course fee

CHF 390.00, including Certificate of Completion

## Enrolment

Simultaneously with the enrolment for practical DA42 training

---

Horizon Swiss Flight Academy  
Ackerstrasse 4 CH-8180 Bülach ☎ +41 (0)44 862 07 07 Fax +41 (0)44 862 02 11  
[www.horizon-sfa.ch](http://www.horizon-sfa.ch) [info@horizon-sfa.ch](mailto:info@horizon-sfa.ch)

**HORIZON**  
SWISS FLIGHT ACADEMY