

# RVSM

(REDUCED VERTICAL SEPARATION MINIMUMS)

## PILOT SPECIALTY COURSE SERIES

### SUMMARY

**Covers the basic principles of flight operations in Reduced Vertical Separation Minimums (RVSM) airspace. The course includes operational requirements for aircraft and flight crews, addresses differences for operation in Metric RVSM Airspace and outlines procedures for no-RVSM aircraft.**



### TARGET POPULATION

**Experienced Airline Pilots and Flight Dispatchers**

Great for pilots requiring initial or recurrent training.



### REGULATORY COMPLIANCE\*

- ICAO / EASA / FAA / Transport Canada
- Maintains compliance with IOSA standards



### DELIVERY MODE

100% online, self-guided



### COURSE LENGTH

1 hour

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### **LESSON 1:** General

- RVSM definitions
- Benefits of RVSM
- Level of safety
- RVSM implementation
- Operator approval
- Required aircraft equipment
- Maintaining approval
- Equipment accuracy
- Flight crew training

### **LESSON 2:** Operational Requirements and Procedures

- RVSM capability
- ICAO flight plan
- Weather considerations
- External inspections
- Flight deck checks
- Height Monitoring Units (HMU)
- Altimeter errors
- Track offsets
- Autopilot operation
- TCAS operation
- Equipment faults
- ATC notification
- Defect reporting

### **LESSON 3:** Metric RVSM Airspace

- Russian Federation and Adjacent States
- Metric RVSM airspace
- China RVSM airspace and Flight Level Allocation Scheme (FLAS)
- Conversion placard
- Flight planning
- Entering metric RVSM airspace
- Rounding errors
- Exiting metric RVSM airspace
- Altitude deviation

### **LESSON 4:** Non-RSVM Aircraft

- Flight planning
- Exemptions without pre-approval
- Exemptions with pre-approval
- Aerial photography
- RVSM transitions
- Loss of RVSM capability
- Abnormal operations

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\* Operator is responsible for obtaining approval from the regulatory authority.

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