King Schools Online
Internet Learning Programs

OCEANIC
REQUIRED NAVIGATION PERFORMANCE
(Including RNP-10 and RNP-4)

Flight Crew Certification Course

SYLLABUS

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Oceanic Required Navigation Performance (RNP)
Flight Crew Training Syllabus

INTRODUCTION
The King Schools Online Required Navigation Performance (RNP) Flight Crew Certification Course meets the pilot training requirements for Oceanic RNP operations world-wide. This course:

- Includes Special Emphasis for operators seeking FAA Oceanic RNP Operational Approval
    - See FAA Order 8900.1 and AC 90-105A, Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace
- Includes resources for determining the correct RNP Contingency Procedures in RNP airspace
- Provides required pilot training for all levels of Oceanic RNP
- May be used for both initial and recurrent training in Part 91 or Part 135 operations
- Is offered only through individual Internet study
- Is efficient and practical

COURSE ELEMENTS AND STRUCTURE
The King Schools Online RNP Flight Crew Certification Course contains three major subject areas (Labs) with two or more distinct Lessons per Lab. Following each Lesson's study materials, the pilot sees a quiz containing multiple-choice and/or True/False questions. There are approximately 26 questions in the course. Most pilots will require at least an hour to complete this course.

COMPLETION STANDARDS
Pilots complete the course when all the Labs are checked off with a completion date on the course main menu. An individual Lab is finished after completing all of the Lessons contained in that Lab. Lesson completion requires accessing each lesson page of study materials and correctly answering all questions in the quiz associated with that Lesson.

CERTIFICATE OF COMPLETION
A Completion Certificate individualized for the pilot enrolled in the course and a logbook endorsement may be accessed at the "Print Your Complete Materials and Endorsement" icon/link on the main menu only after the entire course has been completed. Pilots clicking this icon/link before the course has been completed receive a message saying that the certificate will be available after the entire course is completed.

ENROLLMENT PROCEDURES

A pilot may individually order and enroll in the course, or flight departments may order multiple courses and receive a “key” for each course ordered. The flight department then assigns a key to each pilot requiring training. Each pilot registers individually at *https://ilearn.kingschools.com* for the course.

COURSE STUDY

The pilot first enrolls in the course, and then logs in to access the course Labs and Lessons. If the pilot has insufficient time to complete the course in one session, the pilot may log out. The program records all Lesson and Lab completions and every question answered. When returning to the course, the pilot may resume at the last point of progress.

LAB 1

RNP REQUIREMENT EXPLAINED

LESSONS

1 What RNP Is

Lesson Objective: To learn the definition of RNP and get an overview of general RNP concepts.

2 How You Will Use RNP

Lesson Objective: To learn where RNP is used in oceanic airspace in various areas globally and how it is applied in the Western Atlantic (WATRS Plus) airspace. You will also learn about the requirements for RNP approval.

3 Long-Range Navigation and RNP Basics

Lesson Objective: To learn about different long-range navigation systems and how they are used in Class II navigation and RNP operations.

LAB 2

RNP NORMAL OPERATING PROCEDURES

LESSONS

1 Master Flight Plan

Lesson Objective: To learn how to use a master flight plan, and good operating procedures to avoid navigational errors in oceanic operations.

2 Flight Planning for Class II Navigation

Lesson Objective: To learn flight planning elements for Class II navigation using GPS (including Fault Detection and Exclusion (FDE) programs) and Inertial Navigation Systems (INS). You will also learn how to indicate you are RNP certified and capable.

3 Preflight Procedures at the Aircraft

Lesson Objective: To learn best practices for loading and verifying flight plan information prior to departure, and special considerations regarding the use of INS.

4 En Route Procedures

Lesson Objective: To learn en route operating practices, entry procedures for oceanic airspace, common navigational errors and how to avoid Gross Navigation Errors (GNEs).

5 Position and Weather Reports

Lesson Objective: To learn international procedures and formats for position and weather reports.

LAB 3

RNP CONTINGENCY PROCEDURES

LESSONS

1 Unable to Maintain Clearance (Course or Altitude)

Lesson Objective: To learn proper procedures to obtain a new clearance and what to do if you need to deviate without a clearance in RNP airspace.

2 Deviation Around Severe Weather

Lesson Objective: To learn how to obtain clearance for a weather deviation and how to deviate when there isn't time to get a clearance in RNP airspace.

3 Midair Collision Avoidance and Wake Turbulence

Lesson Objective: To learn how to apply Strategic Lateral Offset Procedures (SLOP) and respond to TCAS indications in RNP airspace.