



SUMMARY

This course covers the operating requirements for Precision Runway Monitored Approach (PRM) operations.

The course includes differences between an Instrument Landing System (ILS) / PRM and a Localizer-type Directional Aid (LDA / PRM or SOIA) approach, training requirements, approach components, and TCAS operations.

TARGET POPULATION

The Pelesys PRM Course is designed for Professional Pilots requiring initial or recurrent training.

REGULATORY COMPLIANCE

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

Versions Available:
Jeppesen
Lido

Course Length:
50 min
45 min

LESSON 01: General

In this lesson we will cover the meaning of Precision Runway Monitored Approach (PRM), the difference between an Instrument Landing System (ILS) / PRM, and a Localizer – Type Directional Aid (LDA / PRM) known as a Simultaneous Offset Instrument Approach (SOIA), and also the training required to legally conduct a PRM approach:

- PRM Approaches
- ILS/PRM Approaches
- LDA/PRM or SOIA Approaches
- PRM Training Requirements
- ATC Monitoring
- No-Transgression Zone (NTZ)
- Blunders
- Breakouts

LESSON 02: PRM Flight Operations - Approach

In this lesson, we cover the requirements for operation during a PRM Approach including:

- Crew Qualifications
- Approach Briefings
- Autopilot Requirement / Operation
- ILS/PRM Approaches
- LDA/PRM or SOIA Approaches
- Visual Segments

LESSON 03: Breakouts

In this lesson we cover the procedures for flight breakouts from PRM approaches:

- Manoeuvre Requirements
- Hand-Flown Breakouts
- Descending Breakouts
- Phraseology
- TCAS Considerations

LESSON 04: Route Manual Information

In this lesson we will review Airport Operational Information covered in respective route manuals (Jeppesen or Lido).

- Pilot Requirements
- ATIS
- Approach Charts
- Dual VHF Communication
- Autopilot Coupled Approach
- TCAS Selection
- Breakout
- Phraseology
- LDA Traffic

LEARNING TIME AND RUN TIME

This course has a learning time of: (run time plus additional time per page to account for understanding learning points)
Jeppesen

- 50 min (Jeppesen) / 45 min (Lido)

This course has a run time of: (the base time for each page to be completed)

- 21 min (Jeppesen) / 20 min (Lido)

Exam Generation System (EGS) Banked Questions

The total amount of banked questions for this course is:

Lesson Title	Standard Questions
General	5
PRM Flight Operations - Approach	9
Breakouts	5
Jeppesen / Lido Route Manual Information	8
	27

REFERENCE MATERIAL

The Pelesys PRM Approach course used in conjunction with the FAA ILS/PRM Approach for Air Carriers video meets FAA and Transport Canada, PRM training requirements.

ILS/PRM Video links:

The FAA video is available at:

<https://www.faa.gov/tv/?mediald=230>

Airservices Australia provides a separate video for Australian pilots which are available at:

(Note that the video is currently under production and Airservices Australia instructs use of the linked document to supplement training till complete)

<http://www.airservicesaustralia.com/wp-content/uploads/PRM-yssy-pilots-guide.pdf>

Reference Documents:

ICAO

- Doc 9643 Manual on Simultaneous Operations on Parallel or Near-Parallel Instrument Runways (SOIR)

EASA

- FAA Training PRM
- FAA N JO 7110.693
- ACF 12-02

FAA

- FAA Training PRM
- FAA N JO 7110.693
- ACF 12-02
- FAA ILS/PRM Approach for Air Carriers

The operator remains responsible for obtaining approval from the regulatory authority.

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