



Ministry of Civil Aviation
Egyptian Aviation Academy

Precision Approach Path Indicator System (PAPI)

DESCRIPTION :

Purpose of the course:

How to make determine PAPI position calculations.

Course format :

- This course requires approximately 24 hours.
- This course is part of the diploma in Airfield lighting.

What you will learn :

Upon completing this course you will have the skills to:

١. How to get data from different views to make calculations of putting and installing the PAPI devices.
٢. The relationship between PAPI devices and ILS devices.
٣. The importance of the tilt switch device for PAPI devices and it's importance in the disturbance corners of any device.
٤. How to calibrate PAPI devices
٥. How to make a preventive maintenance and corrective for PAPI devices.

Who should attend :

- Airfield Lighting Maintenance Director
- Airfield Lighting Maintenance Head of Departments
- Electrical Engineers
- Consulting offices (Project's directors and Electrical Engineers)
- Construction companys (Airports) – (Project's directors and Electrical Engineers) (Maintenance and Projects)

PREREQUISITES :

Participants should have prior knowledge of Airfield Ground Lighting (AGL).

COURSE CONTENT :

Introduction:

- Comprehensive explanation of the ILS devices and how to take advantage from their own data and how to take advantage from the wave high issued by the devices on the runway threshold for calculation to locate PAPI devices.
- Training to adjust the horizontal for PAPI devices and explain how to connect the control circuits for PAPI devices.
- Training to adjust the elevation angles for PAPI devices.
- Training on maintenance of PAPI devices, cleaning required includes (lenses , filters , reflectors , lamps).
- Training on adjusting tillt switch and it's importance for angles of PAPI devices.
- Training on how to make determine PAPI position calculations.
- PAPI qualifications requirements.

DURATION : 24 Hours

LEVEL : Electrical Engineers.

LANGUAGE INSTRUCTION : English

ACTIVITIES :

- Practical.
- Exercises.
- Final examination.

ADDITIONAL INFORMATION :

EXAM INFORMATION :

- **Exam Location:** At Egyptian Aviation Academy (EAA).
- **Exam format:**
- **Number of questions :**
- **Time allowance :** hours .
- **Passing grade :** 60 correct answers .
- **Distinction grade :** 90 correct answers .
- **Number of exam attempts :** 1

Certificate awarded :

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NEXT CLASS :

Schedule of this course

No.	Start date	End date	Location	Language	
1					
2					