


Fuel Tank Safety Training is a requirement of EASA Part-M and Part-145 regulations, which requires the training of personnel involved in Continued Airworthiness Management and Maintenance of Aircraft Fuel Systems IAW EASA Decision 2007/001/R and 2007/002/R.

In other words, because we hold EASA 145.7154 approval.




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EXIT Training Regulations 2/21

## SUMMARY

This Pelesys course is a Computer Based training program and presents the course content, in accordance with EASA level 2 and the FAA SFAR88 requirements. The course includes a historical overview of the events leading up to the issuance of the new regulatory requirements. The course is conducted in English.

This course may be conducted at any of our facilities or at our customer's facility.



**EASA Training Levels Requirements:**

**Level 2:**

**Who:** Personnel of the Part145 AMO required to plan, perform, supervise, inspect and certify the maintenance.

**What:** Previous topics, plus EASA objectives.

Level 2 training is required for Part 145 (AMO) personnel involved with planning, performing, supervising, inspecting and certifying aircraft maintenance. The Level 2 training knowledge base includes Level 1 objectives and all of the following EASA objectives.


EXIT Training Requirements - Level 2 4/21

## TARGET POPULATION

This course is designed for mechanics and aircraft maintenance engineers as well as support personnel in the planning and management of maintenance activities.

## REGULATORY COMPLIANCE

- EASA / FAA / Transport Canada



Date	11 <sup>th</sup> May 1990
Location	Manila Intl Airport, Philippines
Aircraft	737-300 EI-820
Airline	Philippine Airline
Occupants	120
Fatalities	8

**Facts:**

- High ambient temperature 35°C
- Running air conditioning packs
- Low fuel in centre wing tank
- Vapors ignited
- Cabin explosion

**Statistics:**

- Age of aircraft: 9 months
- Loss of a B737-300
- Worst accident involving B737-300 (at the time)
- 8<sup>th</sup> worst accident involving a B737-300 (currently)
- 35<sup>th</sup> worst accident in Philippines (at the time)
- 45<sup>th</sup> worst accident in Philippines (currently)

Another accident (not involving a lightning strike) occurred on May 11<sup>th</sup>, 1990. A Philippine Airlines Boeing 737-300 was pushing back from the gate, with the air conditioning packs running as a result of high ambient temperatures. The centre fuel tank exploded. Eight people, of the one hundred and twenty onboard, perished.

EXIT Philippine Airlines 7/21

Versions Available:  
CBT

Course Length:  
2 hr

## Lesson 1

Objective and Regulations

## Lesson 2

Fire concepts and Relationships

## Lesson 3

Maintenance and Preventative Measures