



| ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



# Assessments/Progression





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



# Purpose of this Module

Provide guidance to ANSPs and Training Providers regarding Assessments and Successful Progression



ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



# Outline

- Assessments
- Unsuccessful Progression





| ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



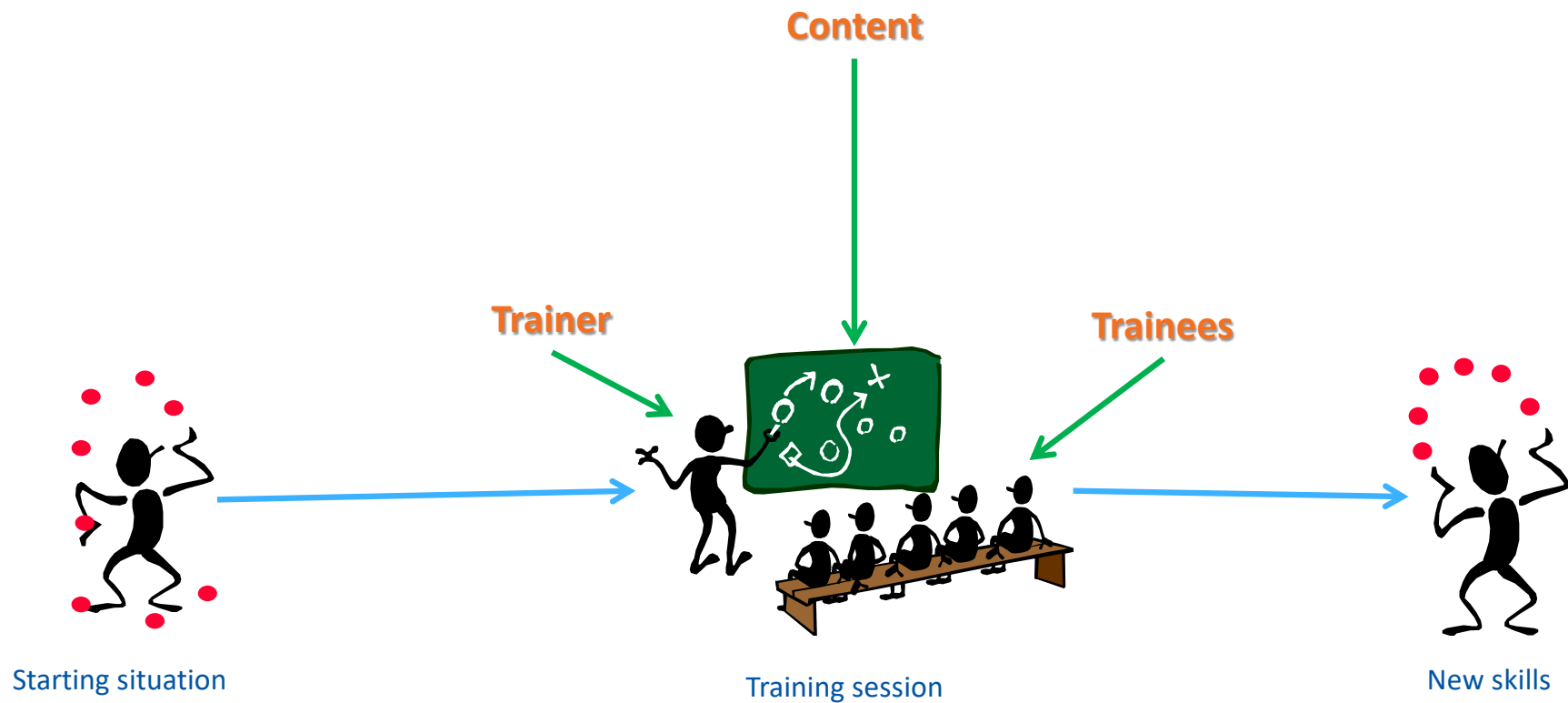
# Why do we Train?

Training is the link (or the process) between the competences already mastered by the applicant and the mandatory competences needed for undertaking actions relative to duties, responsibilities and tasks devoted to the job assignment.



ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND





ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



# Assessments

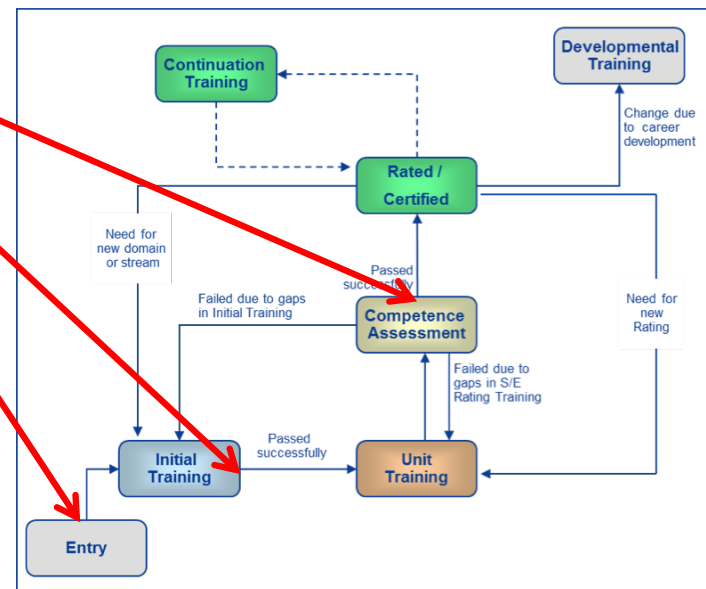
Assessment and its associated feedback are essential to student learning



## Assessments in ATSEP Training

### Aim of Assessment

- Validation of new competencies, confirm learning
- Validation of training strategy
  - Progression
  - Content
  - Methods
- Incentive





ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



# Assessments:

- Help Trainers gain insight into what students understand in order to plan and guide instruction
- Students develop an awareness of how they learn and use that awareness to advance their own learning
- Inform students and trainers of achievement in order to celebrate success or plan intervention





ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



## Student Learning is best supported when:

- Instruction and assessment are based on clear goals
- Instruction and assessment are differentiated according to student learning needs
- Students are involved in the learning process- understand learning goals and criteria, receive feedback



ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



# Trainers

- Humble
- Patient
- Show Respect
- Enthusiasm
- Demonstrate
- Positive
- Engaging



ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



# Unsuccessful Progression



ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



## Perceived Ideas

Case of success

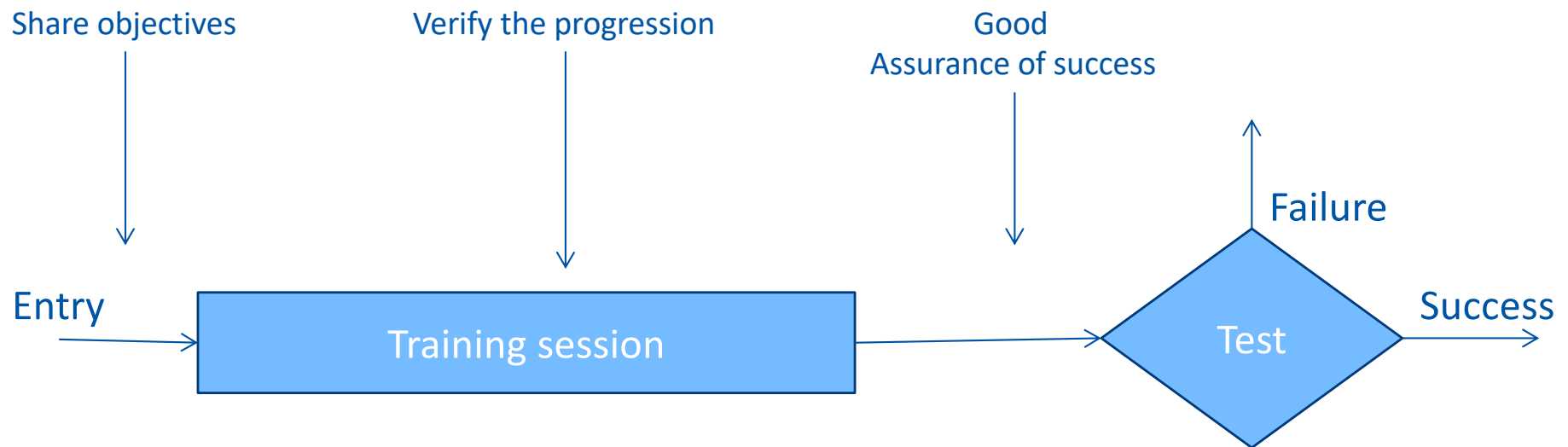


Case of failure





## Unsuccessful Progression



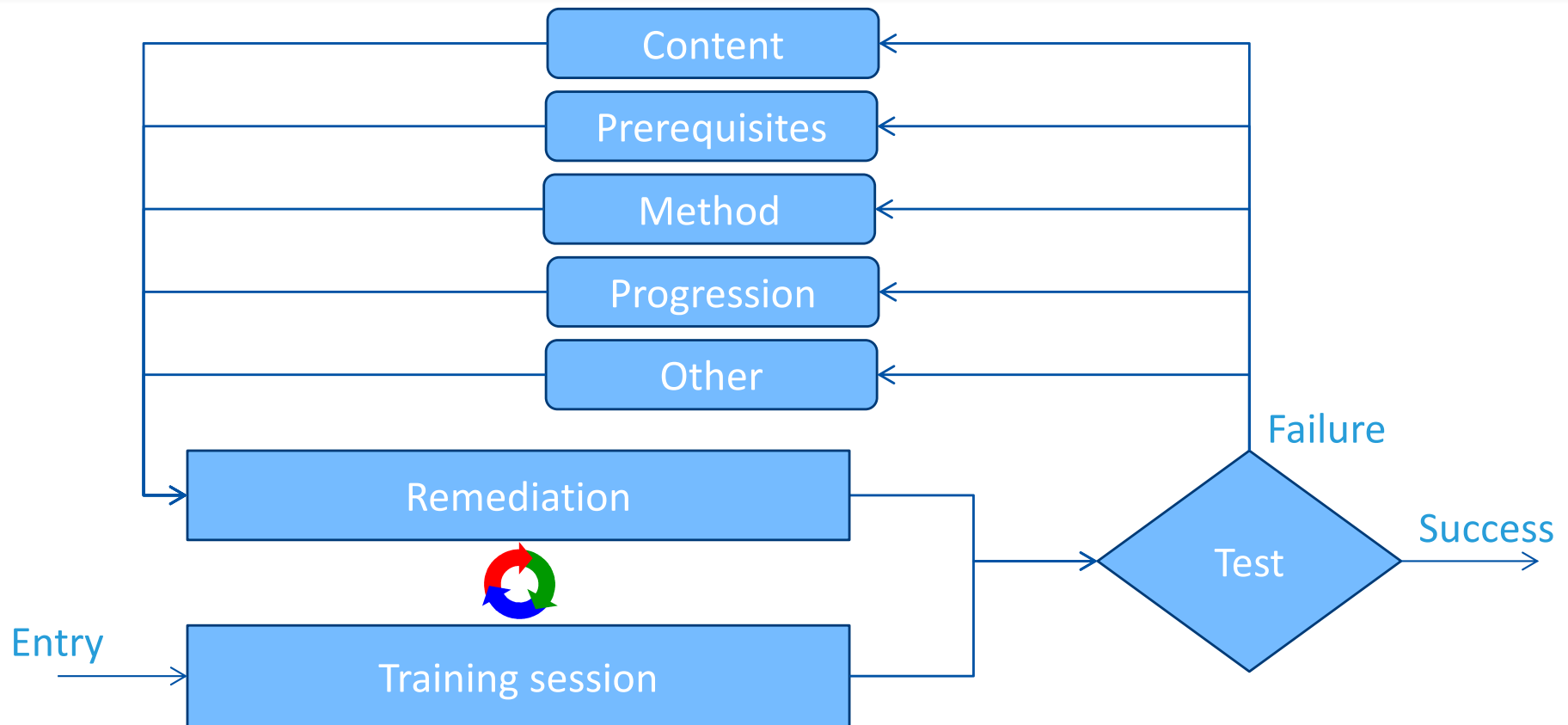


# Risks of Failure

## Factors of risks

- Inappropriate progression
- Inappropriate teaching methods
- Prerequisites issues
- Inappropriate assessment tools and/or methods
- Training objectives non shared
- Trainee's motivation







## Reasons of Failure

### Prerequisites

- Mathematics
- Physics
- Electronics
- Network
- Computer sciences
- ...

### Methods

- Training method
- Testing tool
- Situation
- ...

### Progression

- Too fast
- Too high
- ...

### Content

- Inappropriate
- Confusion
- Objectives
- ...

### Other

- Human Factors
- Environment
- Stress
- Motivation
- ...

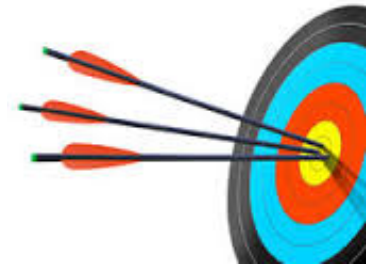




# Factors of success

## Factors of success

- Appropriate level of objectives and content
- Appropriate progression (slope and duration)
- Appropriate teaching methods
- Prerequisites verified
- Appropriate assessment tools and/or methods
- Training objectives shared
- Trainee's motivation
- ...





## Conclusion

### Assessments

- Critical to Training Program
- Incentive and Motivation
- Confirm Learning
- Validate Training

### Unsuccessful Progression

- Understand Reasons/Risk of Failure
- Plan Remediation
- Understand Factors for success



ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



ICAO

North American  
Central American  
and Caribbean  
(NACC) Office  
Mexico City

South American  
(SAM) Office  
Lima

ICAO  
Headquarters  
Montréal

Western and  
Central African  
(WACAF) Office  
Dakar

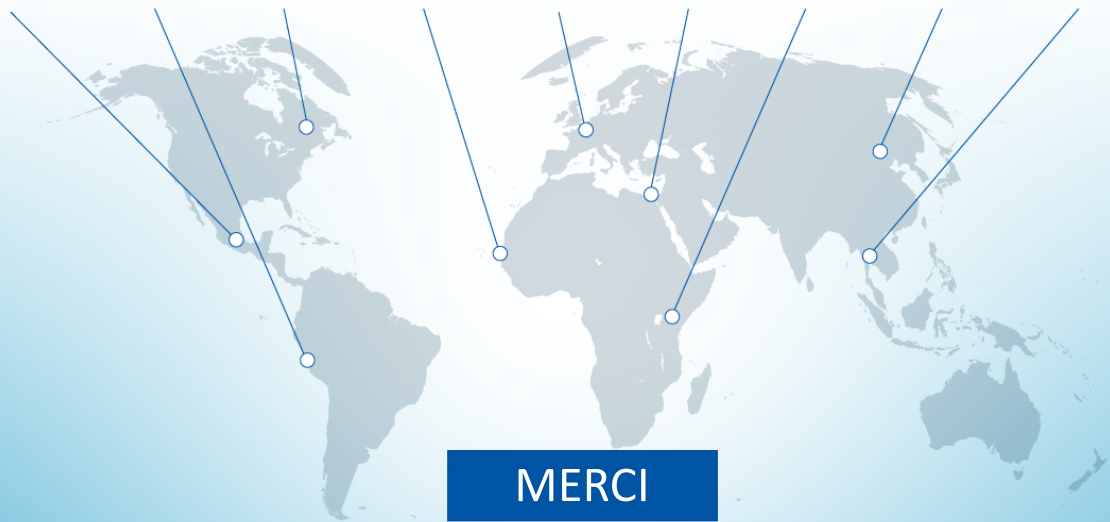
European and  
North Atlantic  
(EUR/NAT) Office  
Paris

Middle East  
(MID) Office  
Cairo

Eastern and  
Southern African  
(ESAF) Office  
Nairobi

Asia and Pacific  
(APAC) Sub-office  
Beijing

Asia and Pacific  
(APAC) Office  
Bangkok



MERCI