



AIR NAVIGATION SERVICES

Training Centre



Kaj Christensen

- Head of Training GAL ANS Training Centre in U.A.E since 2010
- Air Traffic Controller since 1979
- Involved in training since 1982
- Worked in Denmark, Saudi Arabia, Oman and United Arab Emirates
- ICAO TRAINAIR PLUS Instructor, Course Designer

so why am I participating in this workshop ?

GAL ANS - ATC service provider to all military and several civil airports in UAE

- TC Approved by UAE GCAA as ATO
- ICAO Regional Training Centre for ANS
- ELP test center
- More than 90 ab initio students/year
- 12 ATC instructors
- 5 English teachers



Serious implications on operations

Cannot afford to turn a blind eye

Global Safety concern

A number of issues in implementation of LPR

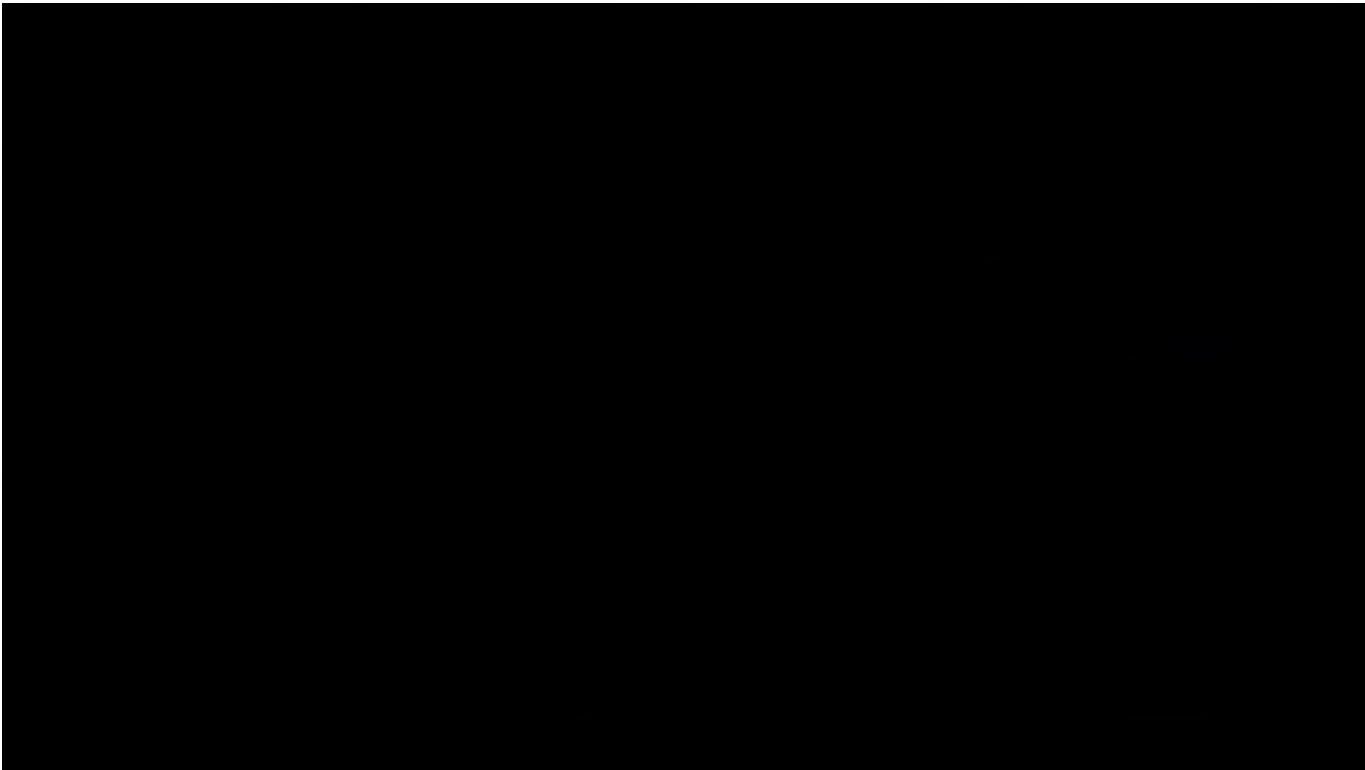
Lack of oversight capacity

Sustaining Language Proficiency Effective and Efficient Development, Training and Testing

ATC Perspective



.....this is what we all want to avoid.....



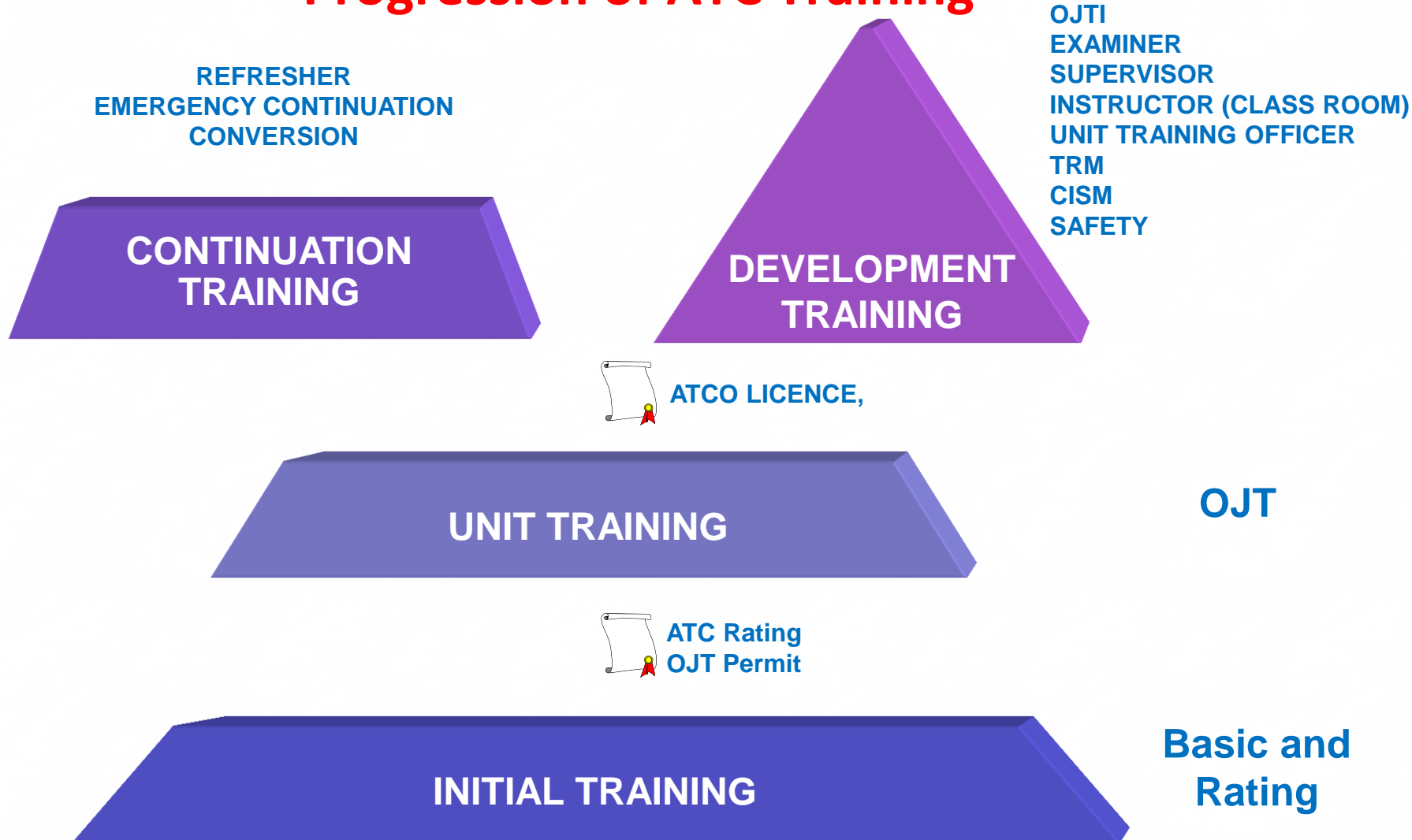


It all starts with

TRAINING

ATC TRAINING

Progression of ATC Training



ENGLISH LANGUAGE TRAINING IN ATC

- English Language training
 - differs from country to country
 - important for ab initio students as well as for experienced controllers
 - also required for categories of staff working in aviation ??
- Authority requirements for training is important

Our experience....

- Candidates levels from IELTS 3 upwards
- IELTS 5 or above – directly into the technical course (ICAO 051 BASIC course)
- Below IELTS 5 – English training 3- 6(or more) months
- IELTS training guidelines : *good, motivated students can improve 0.5 level/3 months*
– *but improvement of 1.5 level seen.*

....Our experience

- Experience shows that some students on English courses are bored in English training – needs more motivation – active learning
- Students joining with a low level of English tend to be weak on technical courses !

Consequences of our experiences

- Constantly developing ELP training to find the best method of training in our situation and culture
- Aviation English training as preparation for technical courses (ICAO 051/052)
- Aviation English on all initial training courses
- Pre-teaching of technical words before lessons

Initial Aviation English course

- Combining basic aviation knowledge training and Aviation English
- Developed for low level English speakers to train vocab, listening and speaking.
- Teaching grammar at same time
- Targeting the ATC world – students future job
- 60 hrs depending on level of students

Initial Aviation English course

- Topic 1: All about aircraft *
- Topic 2: All about aerodromes
- Topic 3: Aviation jobs
- Topic 4: Introduction to Aviation Communication *

ALL ABOUT AIRCRAFT

- Lesson 1: Parts of an aircraft

Example Objectives:

- Identify, name and understand the function of basic structural features of an aircraft
- ***Use the verb BE correctly in present tense***

INTRODUCTION TO AVIATION COMMUNICATION

Example Objectives:

- Learn ICAO alphabet and numbers
- Become familiar with some basic phraseology
- Understand the importance of passing information clearly
- ***Pass messages with clear pronunciation and correct rhythm and stress***
- ***Be able to ask and write grammatically correct questions***
- ***Be able to use accurately the present perfect tense in speaking and writing***

ENGLISH LANGUAGE TRAINING IN ATC



ELP Testing



- ICAO ELP testing 2010-2014
- ATC and few pilots
- Experience with different tests

Our Experience

- Test candidates have to be prepared for the testing
- Face to face tests work best and give most reliable result
- When phraseology/procedures are part of the test, only standard ICAO phraseology/procedures shall be used
- Trainee tests shall be available
- IT issues
- Only ICAO recognized tests should be used

Test candidates have to be prepared for the testing

- Practice test available
- Typing – keyboard/mouse or assistance

Face to face tests work best and give most reliable result

- Speech recognition tests can be unforgiving
- Speech recognition tests does not always take dialects into consideration

When phraseology/procedures are parts of the test, only standard ICAO phraseology/procedures shall be used

- Incorrect score can occur if standard is not used as only local controllers will be familiar with local procedures/phraseology

Trainee tests shall be available

- Trainees do not have same experience as experienced controllers and pilots. Some tests are showing pictures / asking questions where trainees have to talk about things they have never experienced.
- Trainee test can start only measuring to level 4 (ELPAC)

IT issues

Slow speed

Unreliable internet connections

Test shall be able to continue even if temporarily fall out of internet connection.

Test provider server shall have enough capacity – and only be used for ELP testing.

Only ICAO recognized tests should be used

How can we improve/maintain the level of Aviation English

LPR recommended also for military Pilots/Air Traffic Controllers
?

Aviation English refresher courses as requirement for license
renewal ?

ICAO developed English training courses ? (ICAO TRAINAIR PLUS
ITPs)

And this is what we all want to achieve

**MANCHESTER RINGWAY
INTERNATIONAL AIRPORT**



Thank You for listening

