
SPECIFIC OPERATIONS RISK ASSESSMENTS (SORA) COURSE APPLIED TO UNMANNED AERIAL VEHICLES



CHAPTER IV: KEY CONCEPTS AND IDEAS



CHAPTER IV: KEY CONCEPTS AND IDEAS



GENERAL CONCEPTS **CIVIL AVIATION**

CIVIL AVIATION AUTHORITY



SYSTEM SECURITY



ACCIDENT



CONSENSUS RULES



INCIDENT



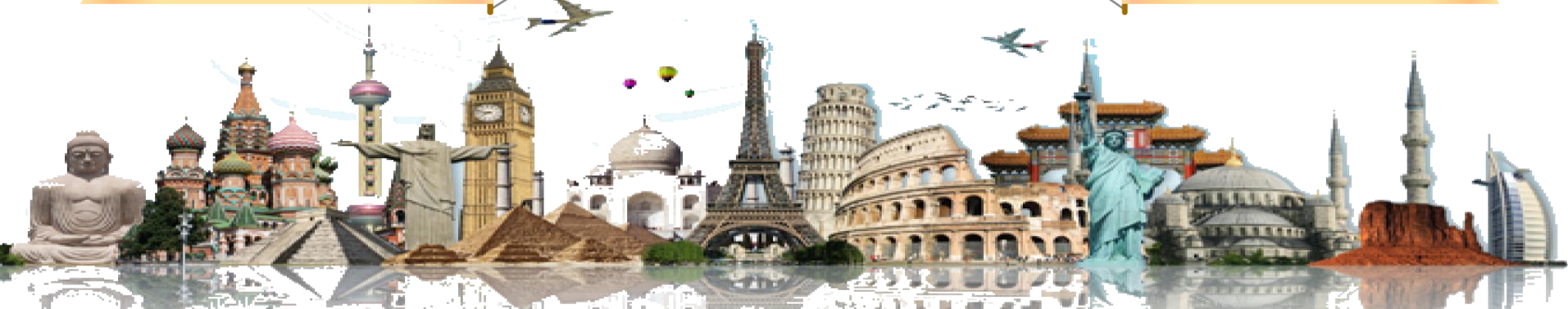
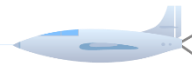
QUALIFICATION



SYSTEM



CHECKED



RISK-RELATED DEFINITIONS

SAFETY

**SAFETY
OBJECTIVE**

METHODOLOGY

HOLISTIC

**HOLISTIC RISK
MODEL**

CAUSE

EFFECT

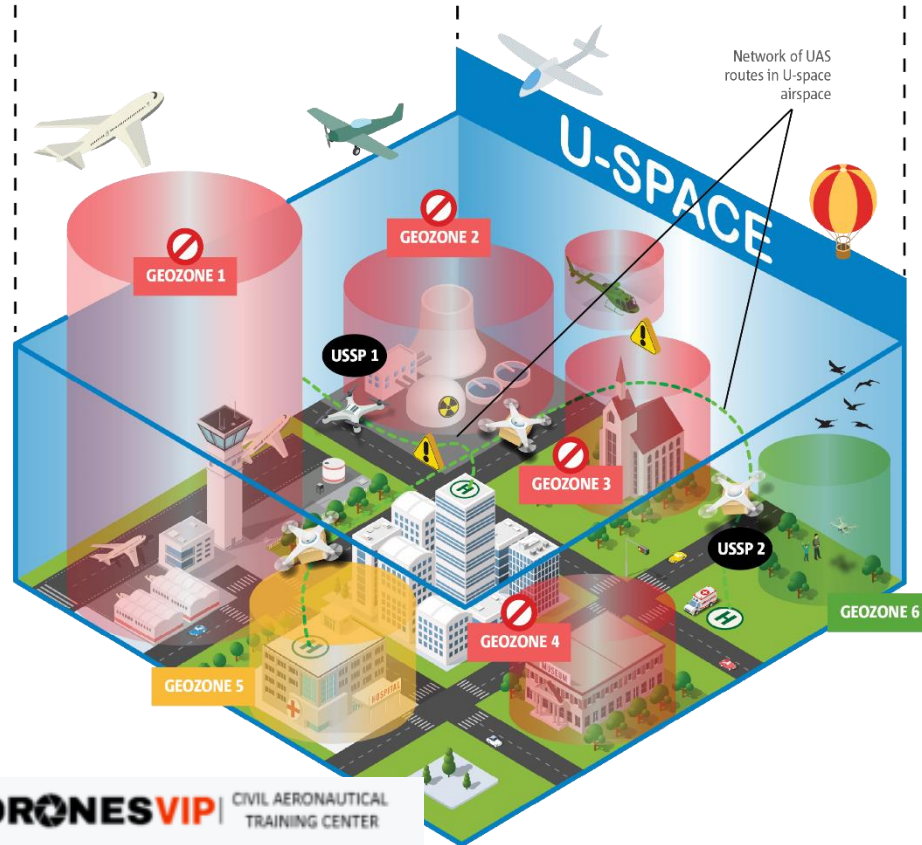
THREAT

**ACCEPTABLE
RISK**

ROBUSTNESS



OPERATION-RELATED DEFINITIONS



CONCEPT OF OPERATIONS (CONOPS)

MITIGATION OF STRATEGIC CONFLICTS

TACTICAL CONFLICT MITIGATION

OUT-OF-CONTROL OPERATION

DANGER AREA

PILOT IN COMMAND

MID AIR COLLISION (MAC)

SEPARATION

DEFINITIONS RELATED TO OPERATOR MANAGEMENT

AIRCRAFT
OPERATION
MANUAL

EMERGENCY
PROCEDURES

PROCESS

CONTINGENCY
PROCEDURES

PROCEDURE

EMERGENCY
RESPONSE PLAN

CONTINGENCY
PROCEDURES

STANDARD
OPERATING
PROCEDURE



EQUIPMENT-RELATED DEFINITIONS



EQUIPMENT

NAVIGABILITY

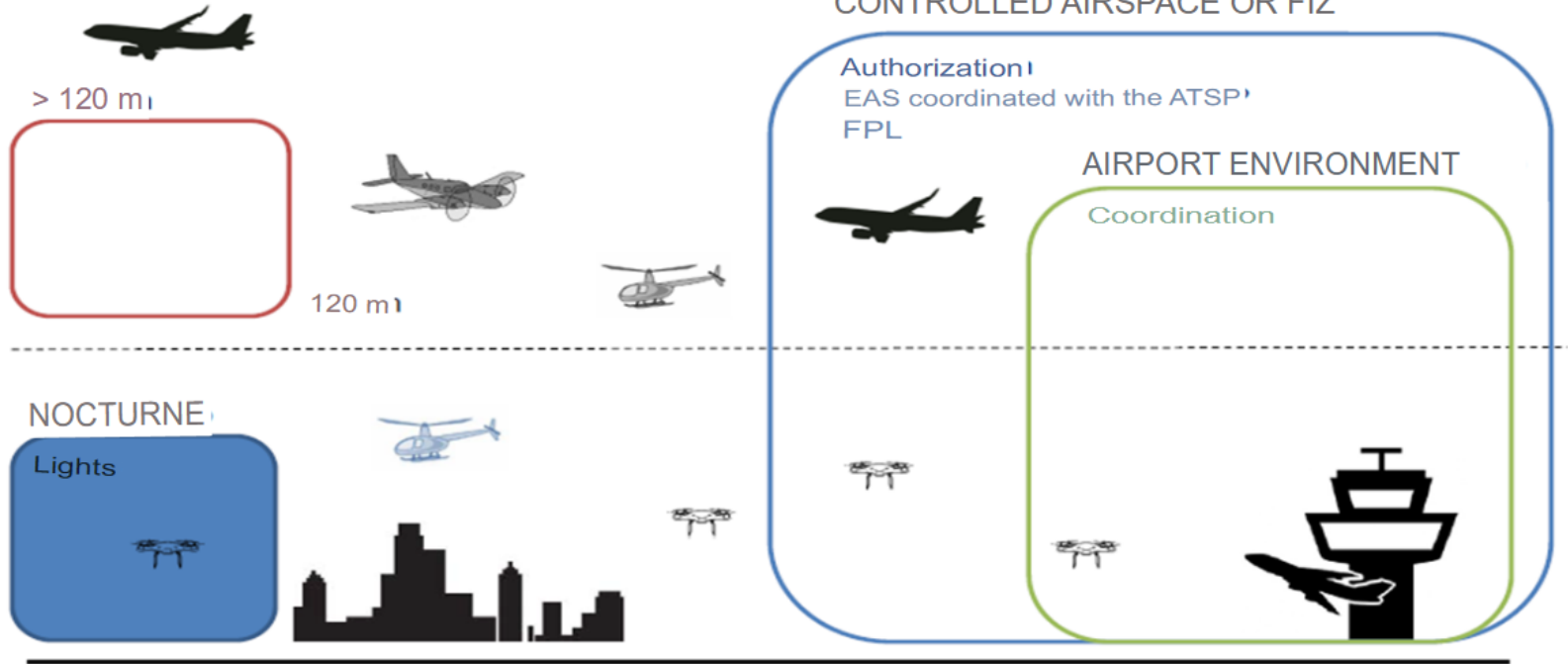
AIRWORTHINESS

CONFIGURATION/CONTROL

KINETIC ENERGY

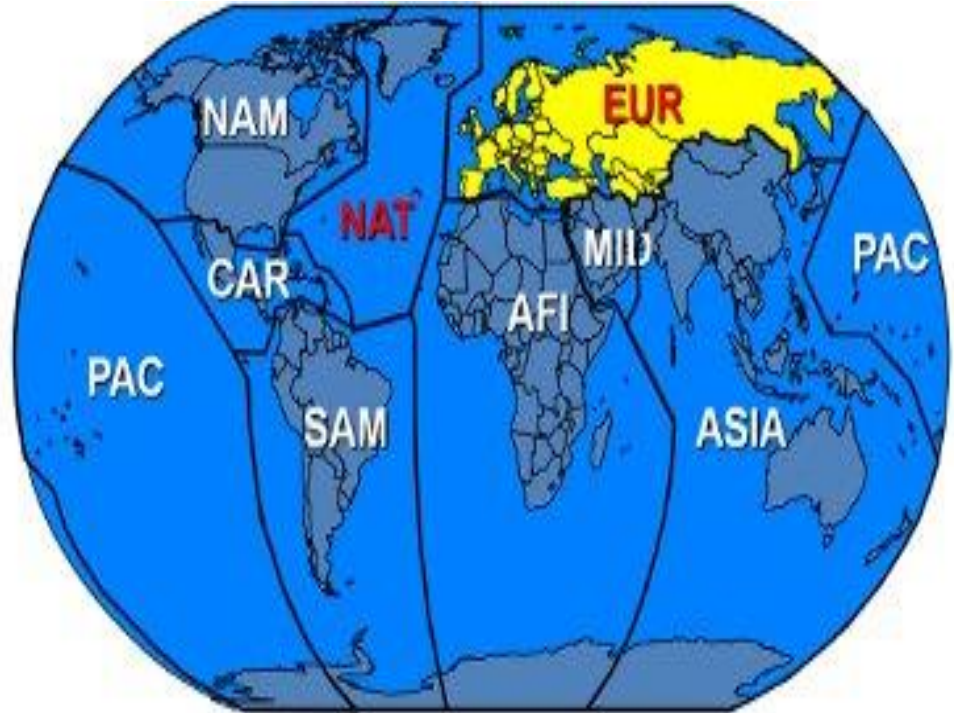
CERTIFICATION

DEFINITIONS RELATED TO AIRSPACE

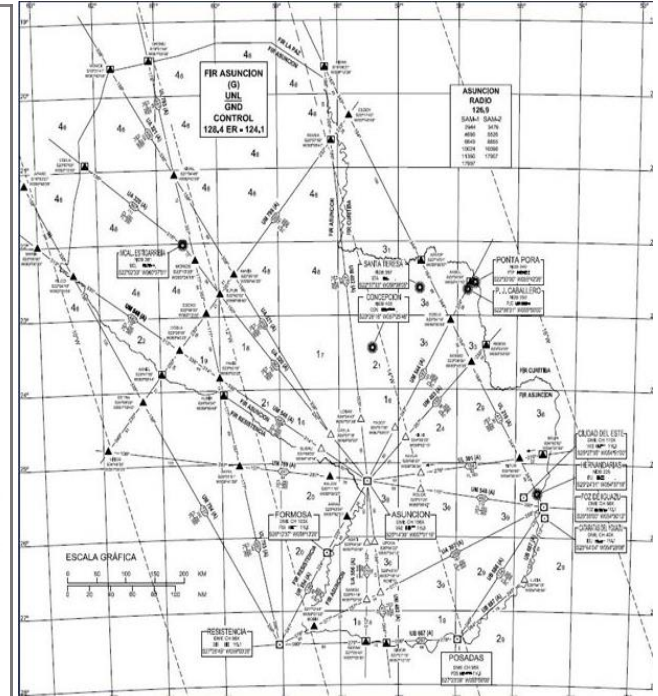
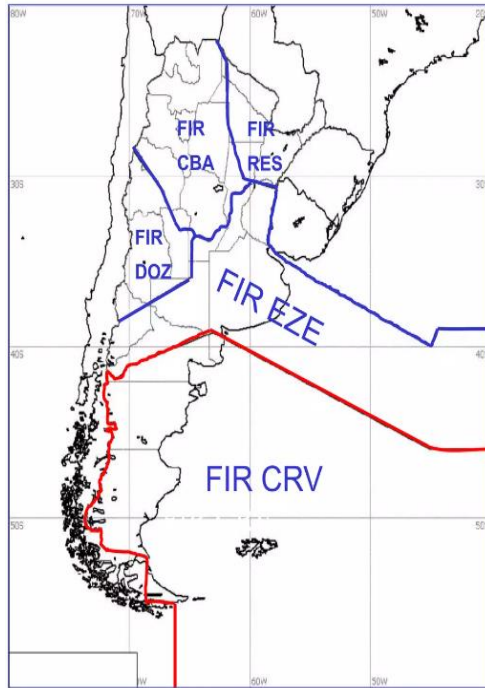


DEFINITIONS RELATED TO AIRSPACE

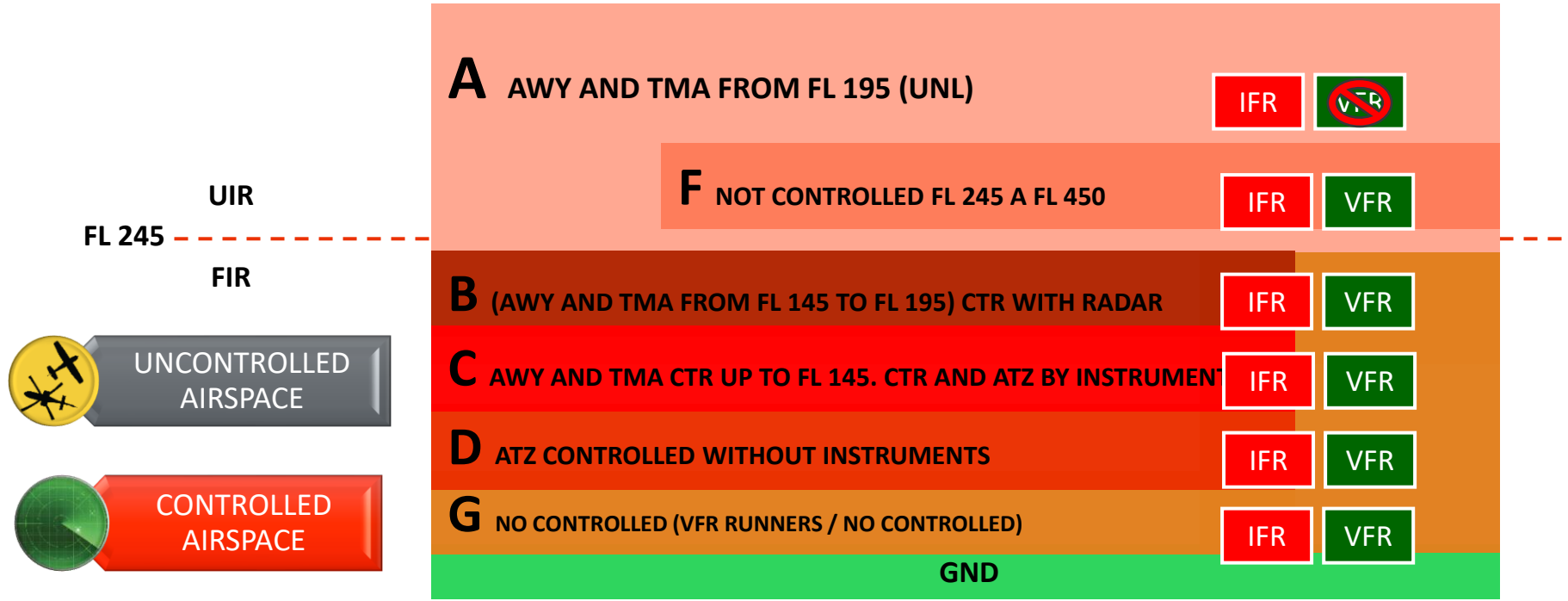
- PAC** (Pacific)
- NAM** (North America)
- CAR** (Central America)
- SAM** (South America)
- NAT** (North Atlantic)
- EUR** (Europe)
- AFI** (Africa)
- MID** (Middle East)
- Asia** (Asia)



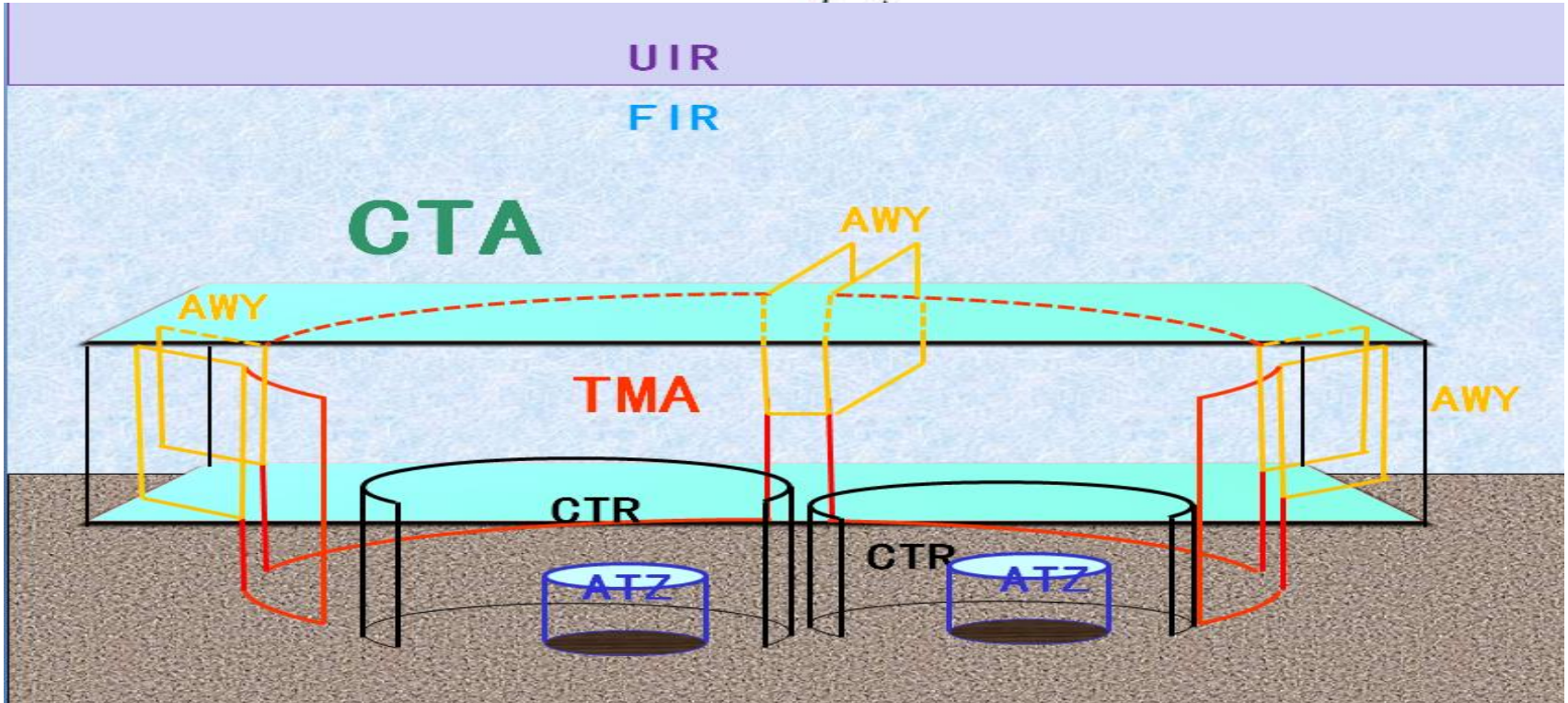
DEFINITIONS RELATED TO AIRSPACE



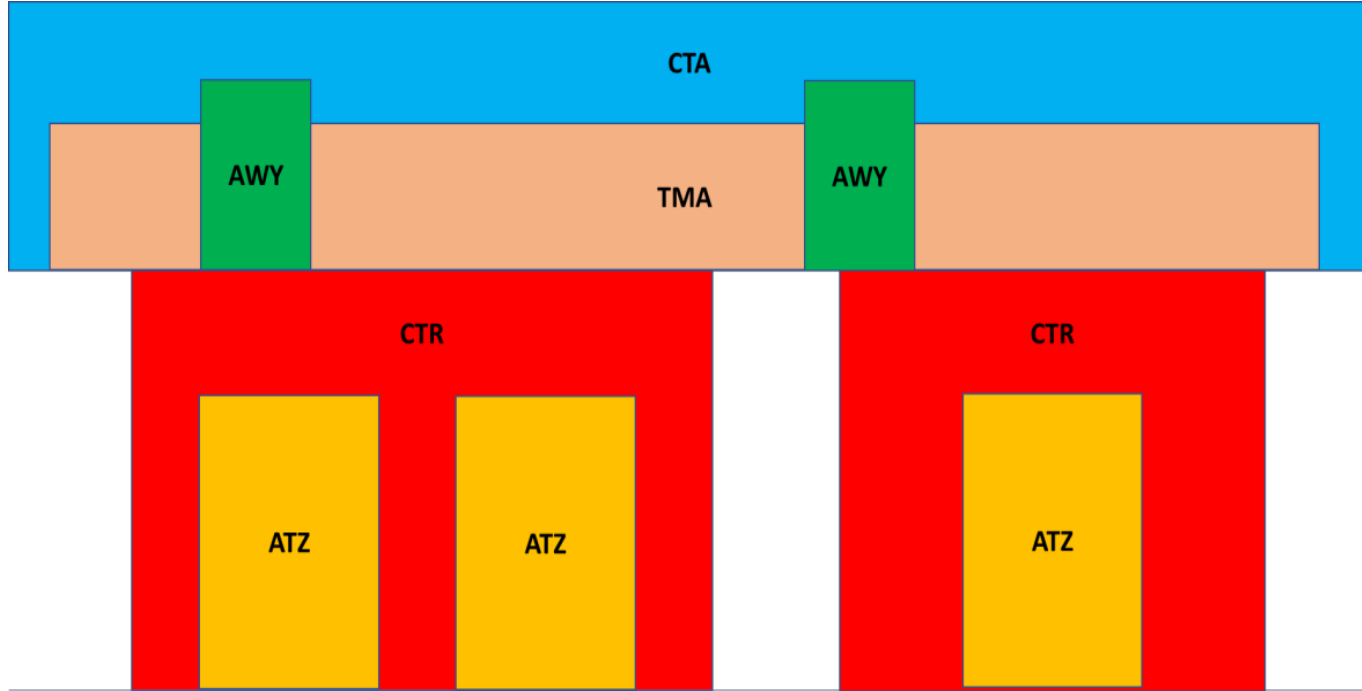
DEFINITIONS RELATED TO AIRSPACE



DEFINITIONS RELATED TO AIRSPACES

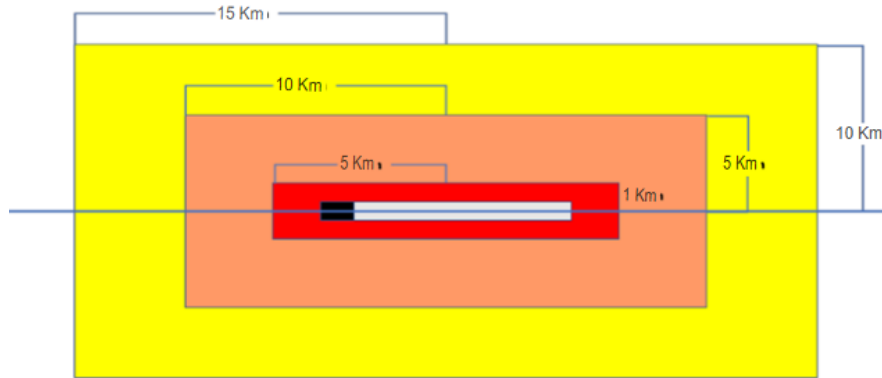


DEFINITIONS RELATED TO AIRSPACE



DEFINITIONS RELATED TO AIRSPACE

Plant



Profile



Elevation

QUESTION TIME!

