



**RÉPUBLIQUE
FRANÇAISE**

*Liberté
Égalité
Fraternité*



SPS

Epreuve de connaissance de la CA

Les services ATS

- Contrôle
- Information de vol
- Alerte

Define ATC service.

Explain the division of the ATC service.

Explain the responsibility for the provision of the ATC service.

Differentiate between the different methods of providing ATC services.

Define FIS.

Describe the scope of the FIS.

Explain the responsibility for the provision of the FIS

State the methods of transmitting information

List the content of ATIS and VOLMET.

Issue information to aircraft.

Define ALRS

Describe the scope of the ALRS.

Explain the responsibility for the provision of the ALRS.

Differentiate between the phases of emergency.

Describe the organisation of an ALRS

Describe the cooperation between units providing the alerting services and the SAR units.

Differentiate between distress and urgency signals.

Prise en compte de l'environnement dans l'ATC

- Nuisances sonores
 - CCO
 - CDO
-

L'approche aux instruments

NPA

Approches 2D

« Classiques »

On parle de FAF, de MDA/H et de MAPt

CONV

NDB
VOR
LOC/LLZ

RNAV

LNAV

Positionne
ment vert.
fourni par
altimètre

Baro VNAV
(LNAV VNAV)

Positionne
ment vert.
fourni par
satellite

LPV

Renforcement
ABAS

Renforcement
SBAS
(EGNOS)

Type A: minima $\geq 250\text{ft}$

Approches 3D

On parle de FAP
et DA/H

PRECISION

CONV

ILS
MLS
PAR

RNAV

GLS
(pas en FRA)
LPV
(SBAS Cat I)

Renforcement
GBAS ou
SBAS

Type A ou Type B si minima $< 250\text{ft}$

L'approche à vue

- Définition
 - Conditions d'exécution
 - Approche à vue de nuit / Consigne DO 171-09
 - Impact de la trajectoire
 - Séparations
 - Approches à vue successives
-

Le management de la sécurité

Le cadre réglementaire

- Textes
- Instances
- Principes du SMS

Traitement des événements

- Notification
- Analyse
- Méthode d'évaluation de la sécurité

Safety Regulation:

Describe the need for safety regulation.

Describe the general principles of safety regulation.

Explain the impact of safety regulation on the controller.

Safety management system:

Explain the regulatory requirements of safety management systems in ATM

Explain the principles of the safety management systems

Describe the safety assessment methodology.

Commission Implementing Regulation (EU) 2017/373

Feedback process:

State the importance of controller contribution to the feedback process

Describe how reported occurrences are analysed.

Name the means used to disseminate recommendations.

Appreciate the "Just Culture" concept.

Safety investigation:

Describe role and objectives mission of safety investigation in the improvement of safety.

Panne radio et panne transpondeur

- Interruption des communications air-sol
 - Panne radio au depart
 - Panne radio à l'arrivée
 - Panne transpondeur
 - Action du contrôleur
 - Délais de déclenchement des phases d'urgence
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VFR spécial

- Définition
 - Conditions MTO / Conditions VMC
 - Clairance VFR spécial
 - Séparations IFR / VFR spécial
-

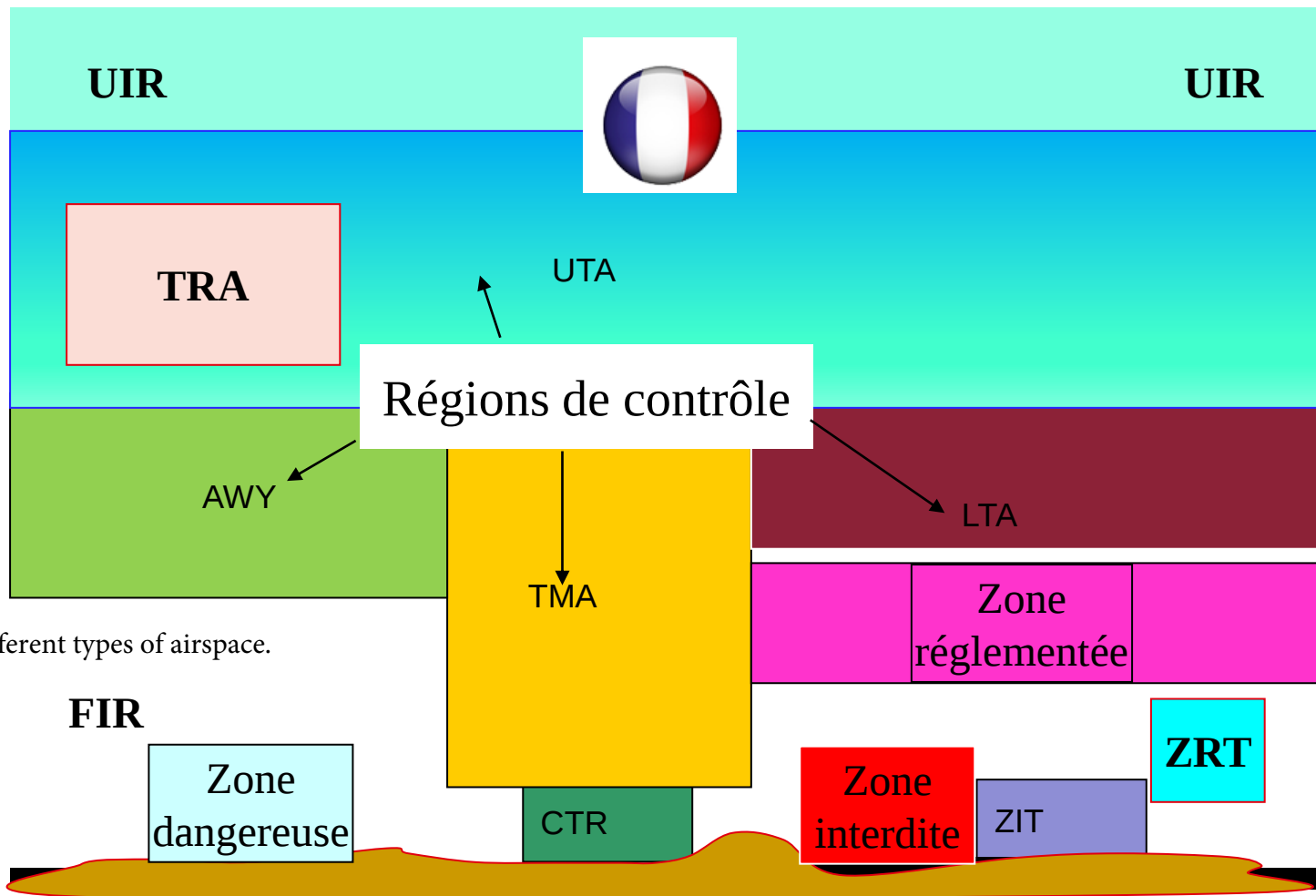
VFR de nuit

- Nuit aéronautique
 - Conditions du vol VFR de nuit
 - Conditions météorologiques
 - Plan de vol
 - Itinéraires Niveau minimal
 - Radiocommunications
-

Espaces aériens français

- Classification
- RMZ
- TMZ

Differentiate between the different types of airspace.



Filets de sauvegarde

- APW

- STCA

- MSAW

- TAWS/GPWS

- TCAS

Airborne Collision Safety nets:

State the European Union requirement for carriage of airborne collision avoidance system.

Explain the main characteristics of airborne safety nets and their relevance to ATC operations.

Explain the function of ACAS Traffic Alerts and Resolution Advisories.

List the actions of the pilot in case of TA and RA

List the ACAS limitations.

Recognise the independence of ACAS thresholds and ATC separation standards.

Describe the controller responsibility during and following an ACAS RA reported by pilot.

Ground-based Safety Nets:

Explain the main characteristics of ground-based safety nets and their relevance to ATC operations.

Respond to available ground-based safety nets warnings.

Principes généraux sur les séparations

- Règle Générale
 - Séparations sur la piste en service
 - Turbulence de sillage, seuil décalé
 - A l'arrivée / Au départ
 - Séparation réduite sur piste
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