



Militärische Flugverfahren



Einsatz von milLfz in ÖSTERREICH und
Schnittstellen zur General Aviation

Agenda

- Verfahren der NATO (AJP 3.3)
- rechtliche Rahmenbedingungen für den Einsatz der AUT-LuSK
- Lfz, Struktur und Standorte der LuSK
- Abfangzeichen
- militärische Luftraumstruktur
- Funkverfahren, Separationsregeln („*Best Practice*“)

Einsatzverfahren von LuSK gem. NATO Allied Joint Publication 3.3 (AJP 3.3)

Army



Air Force



Navy



Marines



Special Forces



Coast Guard



Well, here's the Air Force



And..here's the Army!



Eric Fieberberg / AFP

CORE AIR POWER ROLES AND TYPES OF AIR OPERATIONS

COUNTER AIR

Offensive Counter Air OCA	Defensive Counter Air DCA
Attack Ops	Active Air Defence
Fighter Sweep	Passive Air Defence
Escort	
SEAD	

ATTACK

Strategic Attack	Counter Surface Force Ops		Air delivered Information activities
	Air Power Contribution to Counter Land Ops	Air Power Contribution to Counter Maritime Ops	
	Air Interdiction	Anti surface warfare	
	Close Air Support	Antisubmarine warfare	

AIR MOBILITY

Air Transport (AT)

Payload Delivery Methods		Classifications		Types of Missions				
Airland	Airdrop	INTER Theater	INTRA Theater	Routine AT	Air Logistic Support	Airborne Ops	Aeromedical Evacuation AE	Support to other Missions

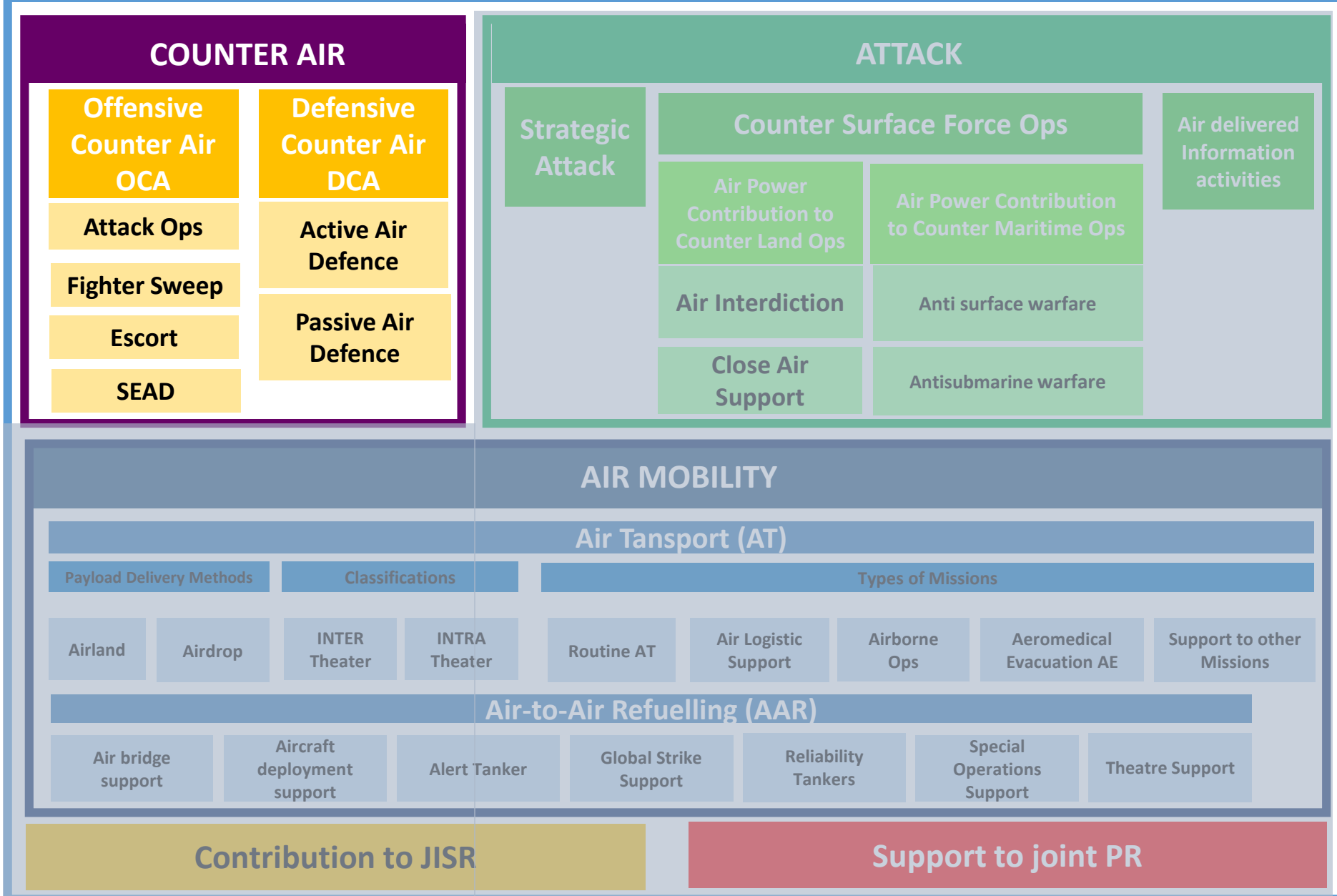
Air-to-Air Refuelling (AAR)

Air bridge support	Aircraft deployment support	Alert Tanker	Global Strike Support	Reliability Tankers	Special Operations Support	Theatre Support
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Contribution to JISR

Support to joint PR

CORE AIR POWER ROLES AND TYPES OF AIR OPERATIONS





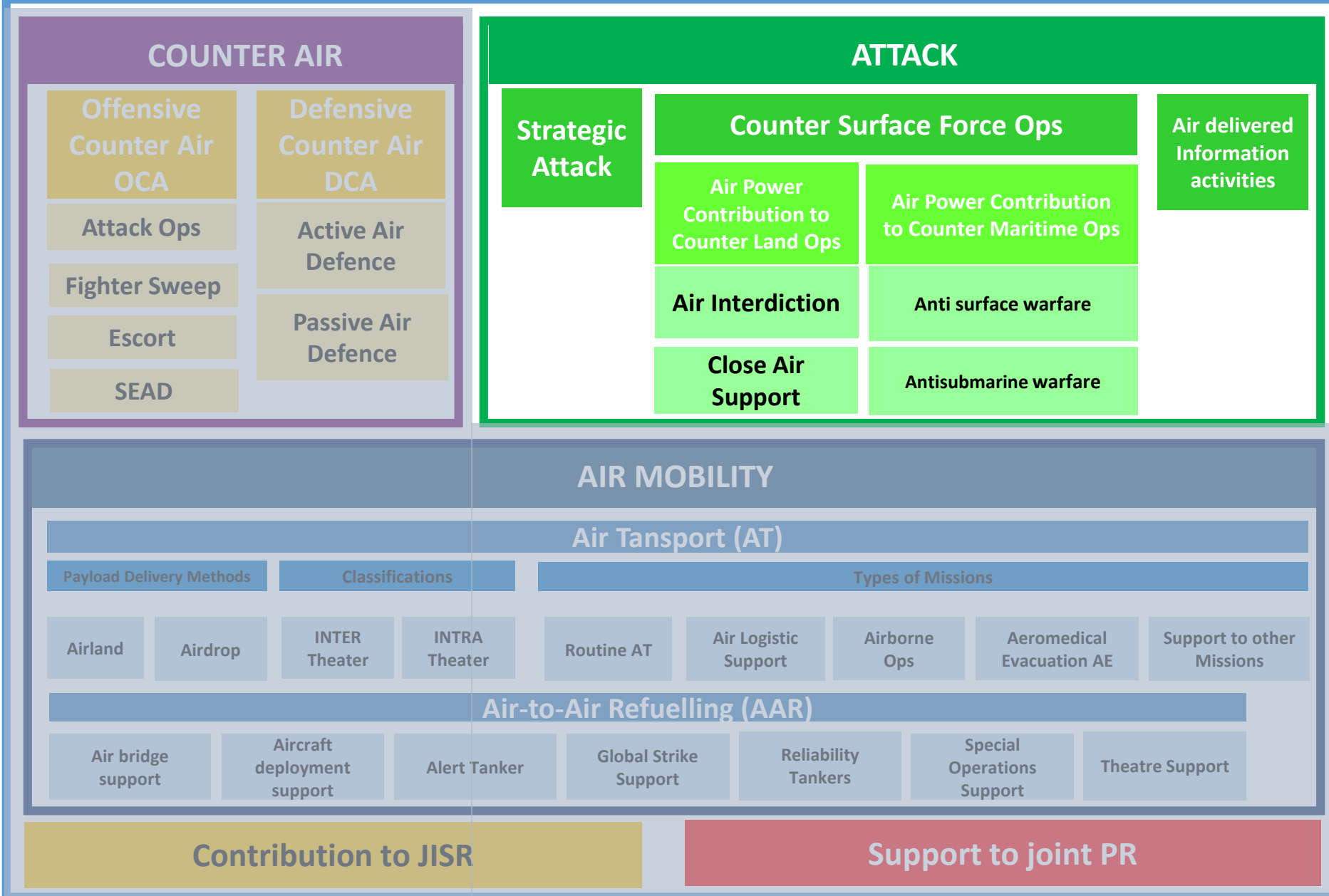
11. Februar 2017



Mag.(FH) KAFER Günter, MBA



CORE AIR POWER ROLES AND TYPES OF AIR OPERATIONS





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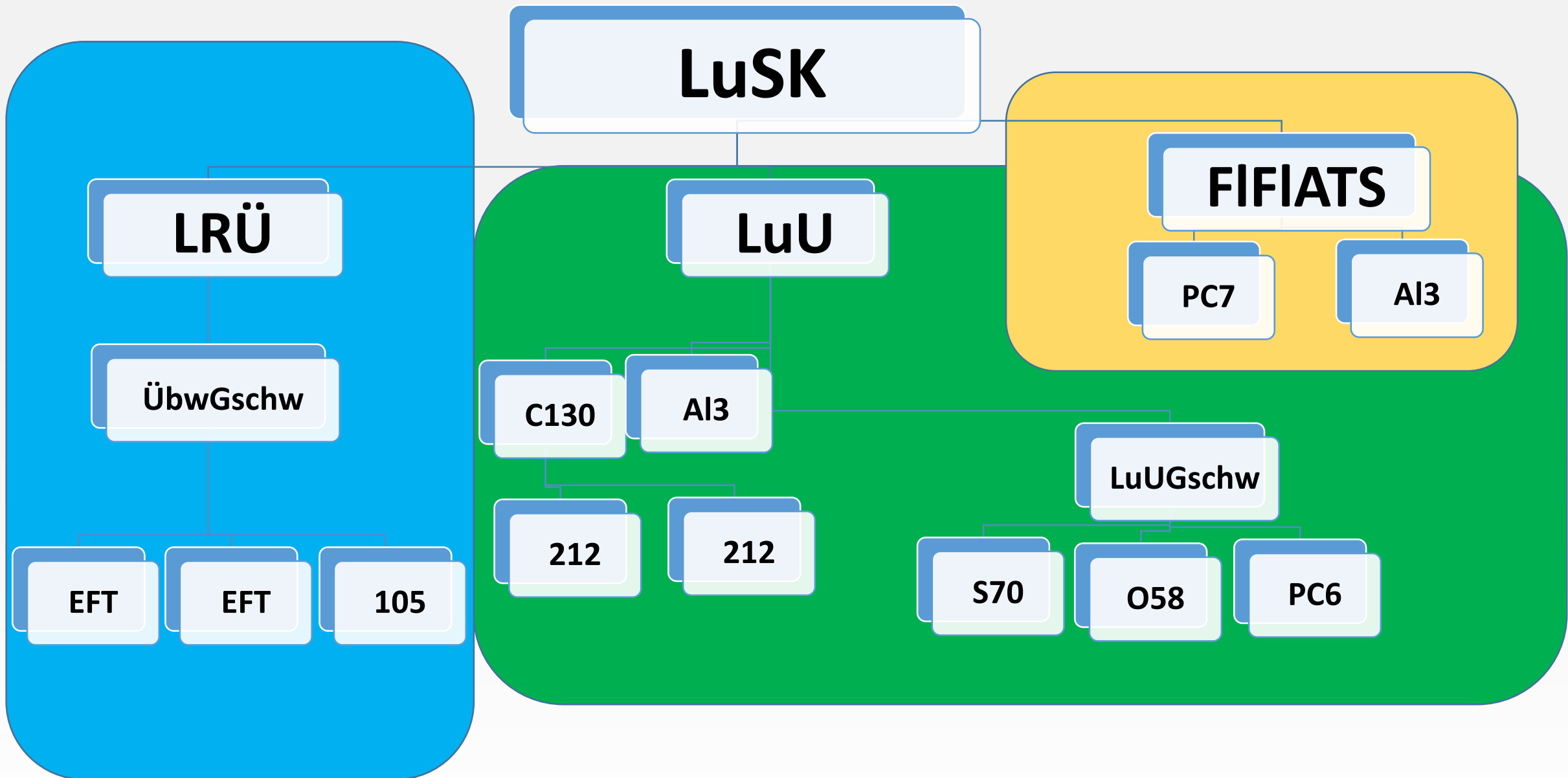
Die Luftstreitkräfte des ÖBH

rechtliche Rahmenbedingungen für den Einsatz der AUT-LuSK

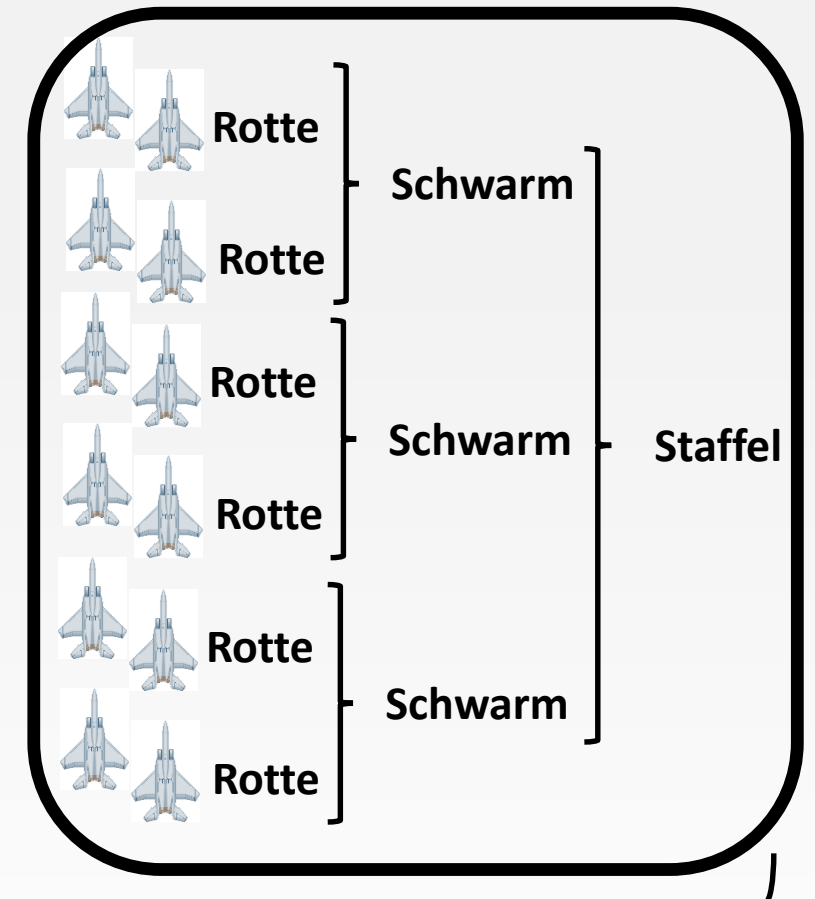
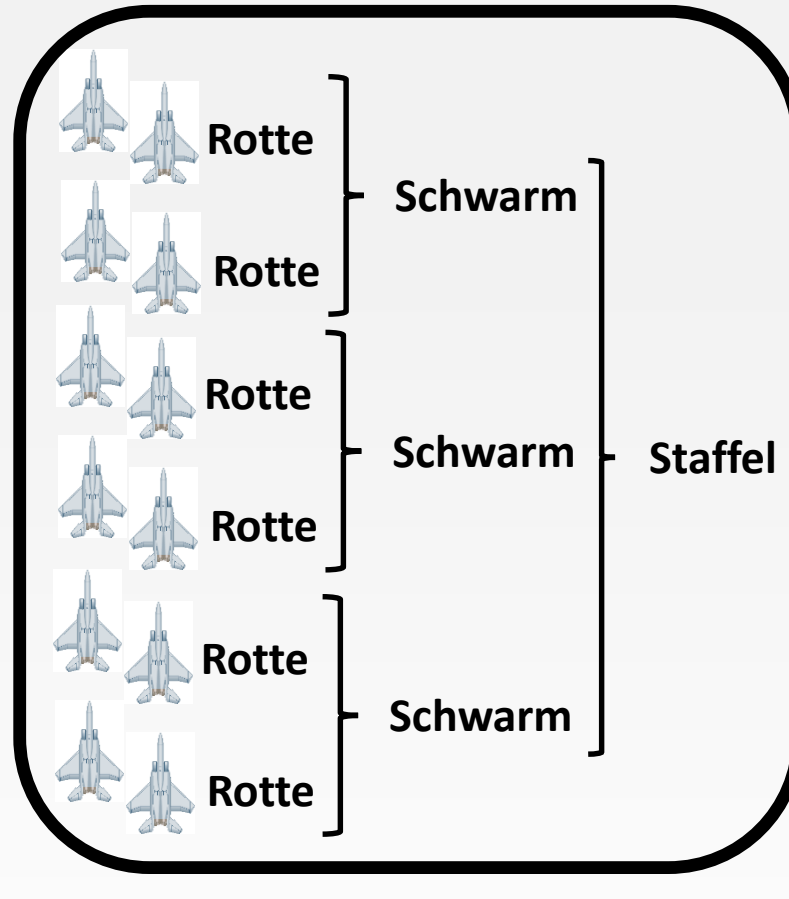
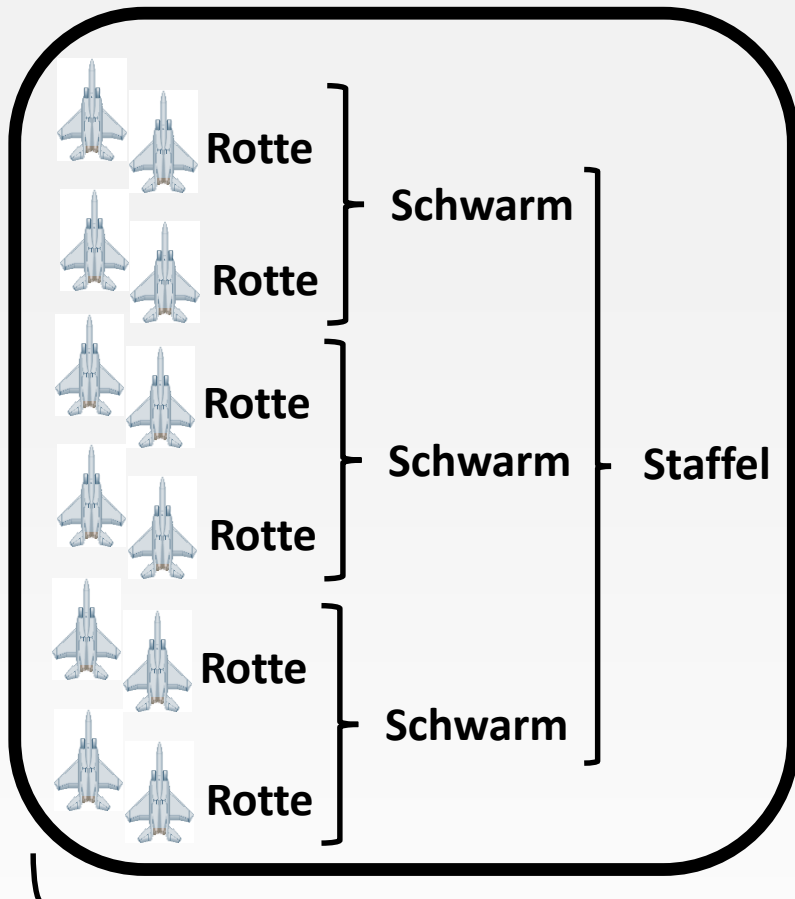
- § 2 Wehrgesetz
 - a) mil. Landesverteidigung (Krisenfall, Neutralitätsfall, Verteidigungsfall)
 - b) Schutz verfassungsm. Einrichtungen, Ordnung und Sicherheit
 - c) Hilfe bei Elementarereignissen und außergewöhnl. Unglücksfällen
 - d) Hilfe im Ausland (Friedenssicherung, humanitäre Hilfe, SAR)
- §26 Militärbefugnisgesetz (MBG): ständige Wahrung der Lufthoheit
- Sicherheitspolizeigesetz (SihPolG): Assistenz für BMI

Lfz der AUT-LuSK





Gliederung

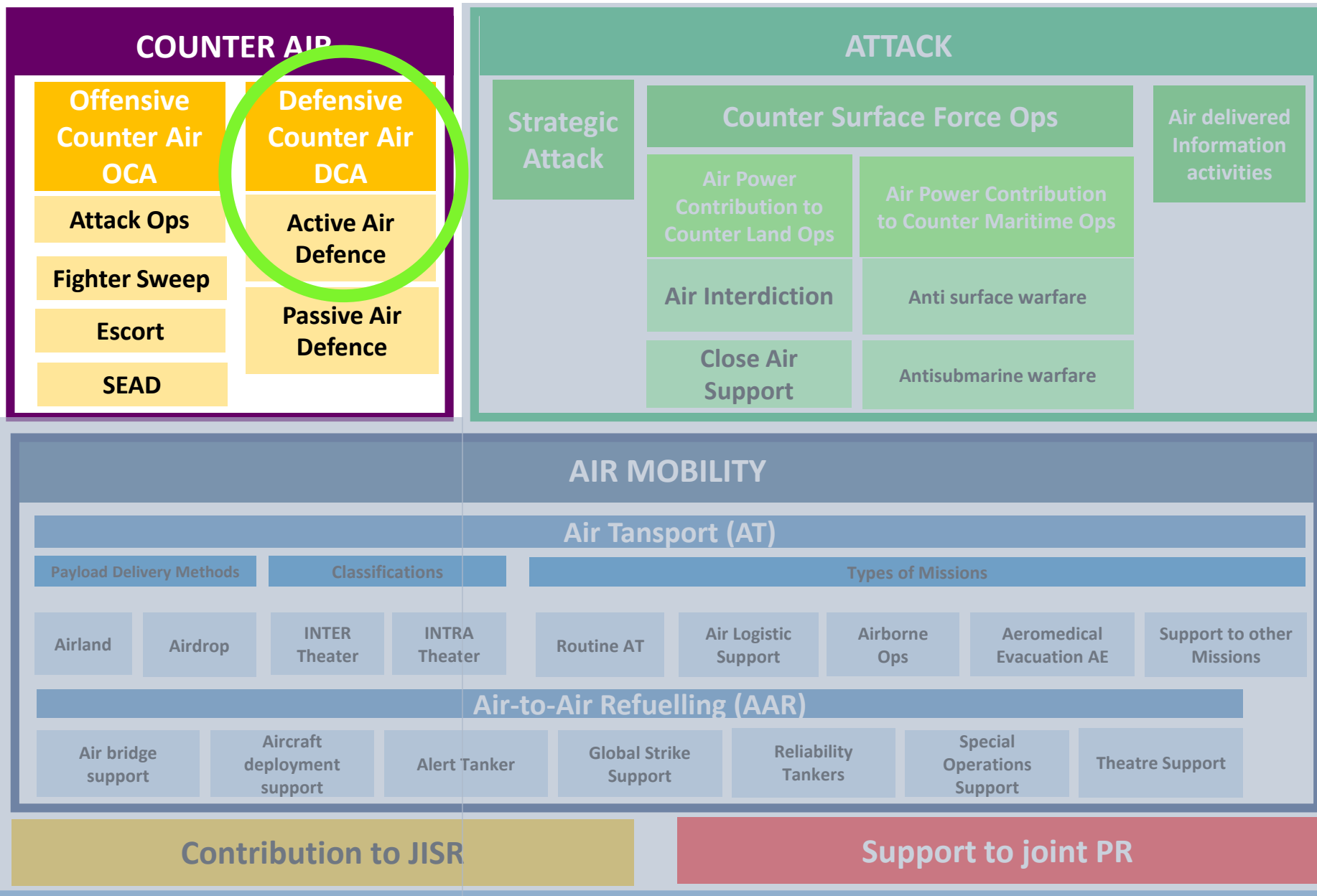


Geschwader

Standorte der AUT-LuSK



CORE AIR POWER ROLES AND TYPES OF AIR OPERATIONS



Defensive Counter Air – Lfz der LuSK

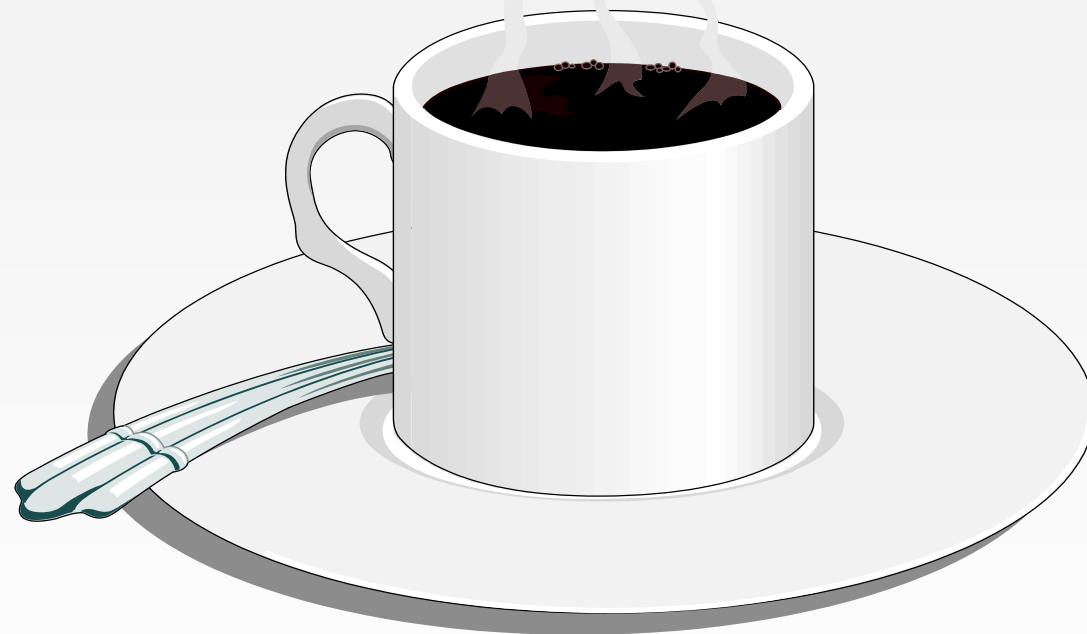


Abfangzeichen

- NOTAM-Beratung (!!)
- Position: links vorne (HS: rechts vorne)
- „Rocking Wings“ → Antwort: „Rocking Wings“
- CALL 121,500
- Kurven weg vom TGT
 - vermeide 6-Uhr Position!

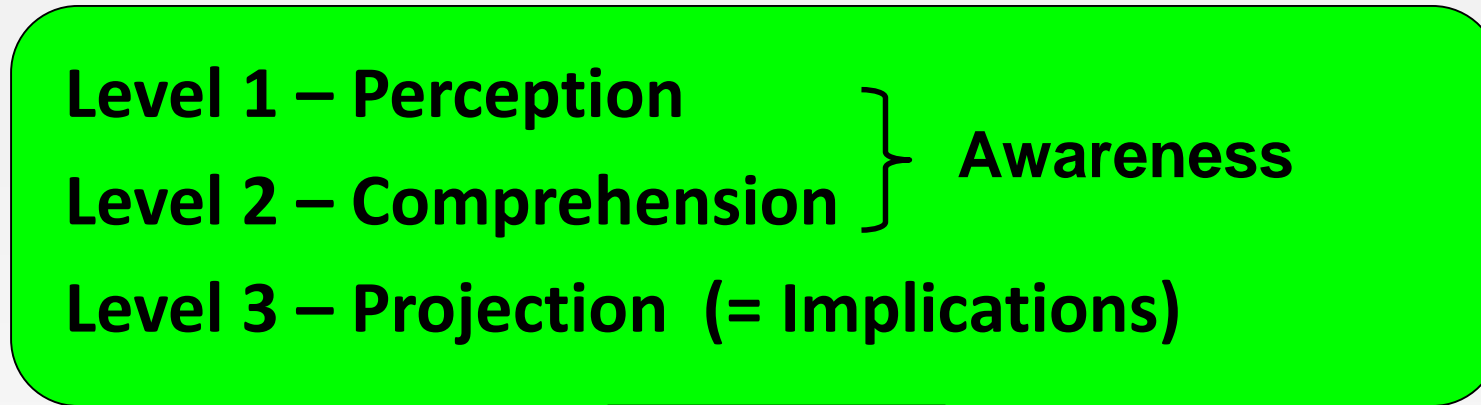


PAUSE



Situational Awareness (SA) und (mil.) Lufträume, Sprechfunk

Situation Awareness gem. HPMA CANADA:



**SITUATIONAL AWARENESS
&
mentales Modell der Umwelt**

Militärische Luftraumstruktur

- | | | |
|-------------|----------------------------------|------------|
| • MATZ | Military Aerodrome Traffic Zone | LOXA, LOXN |
| • MCTR | Military Control Zone | LOXZ, LOXT |
| • MTMA | Military Terminal Control Area | LOXZ, LOXT |
| • MTRA | Military Temporary Reserved Area | |
| • MTA | Military Training Area | LOXZ, LOXT |
| • LLR | Low Level Route | |
| • LO D | Danger Area | |
| • LO R | Retricted Area (Einsätze, UAV) | |
| • LO P | Prohibited Area | |
| • VFR-Areas | Center, East, West | |

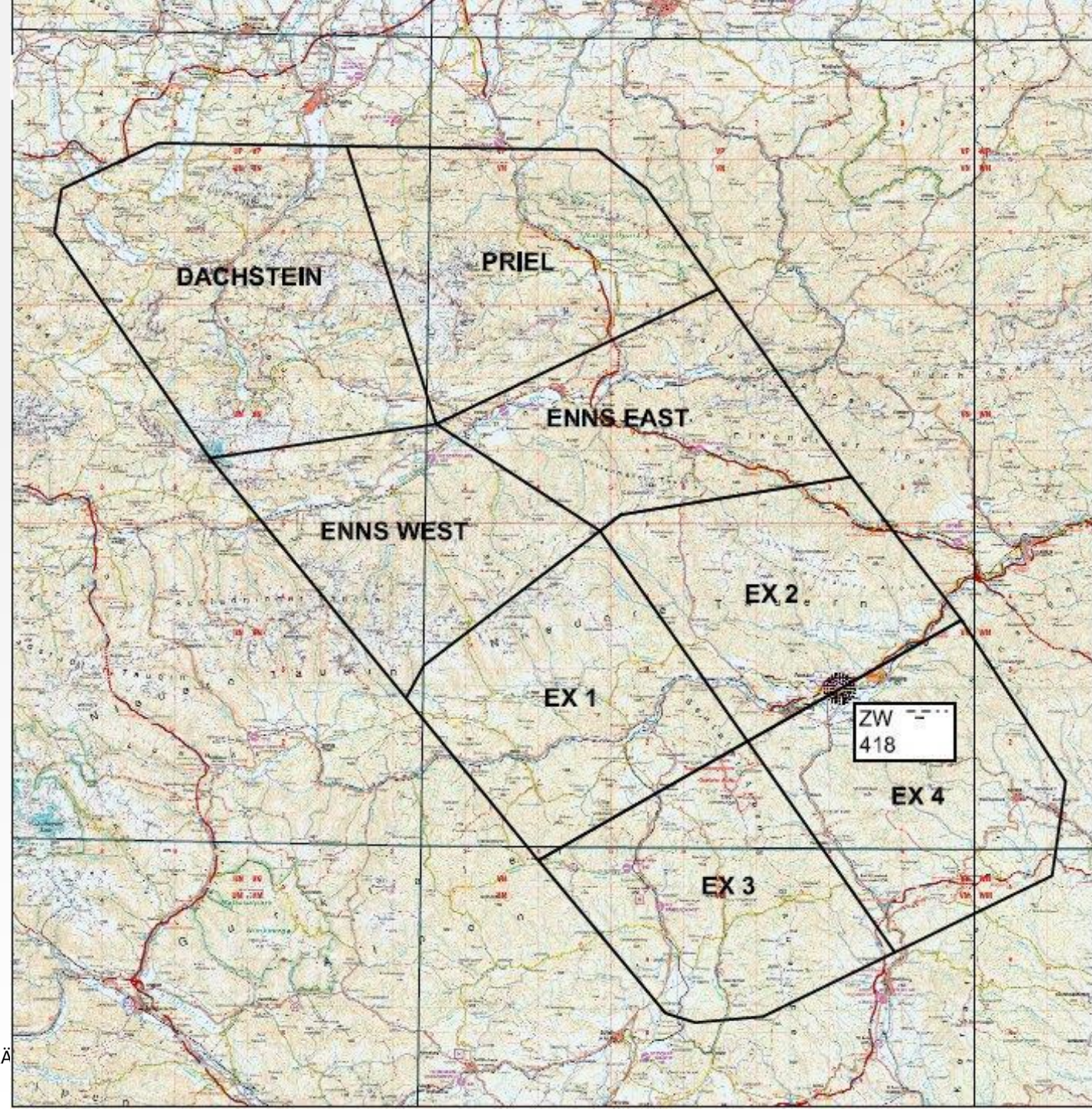


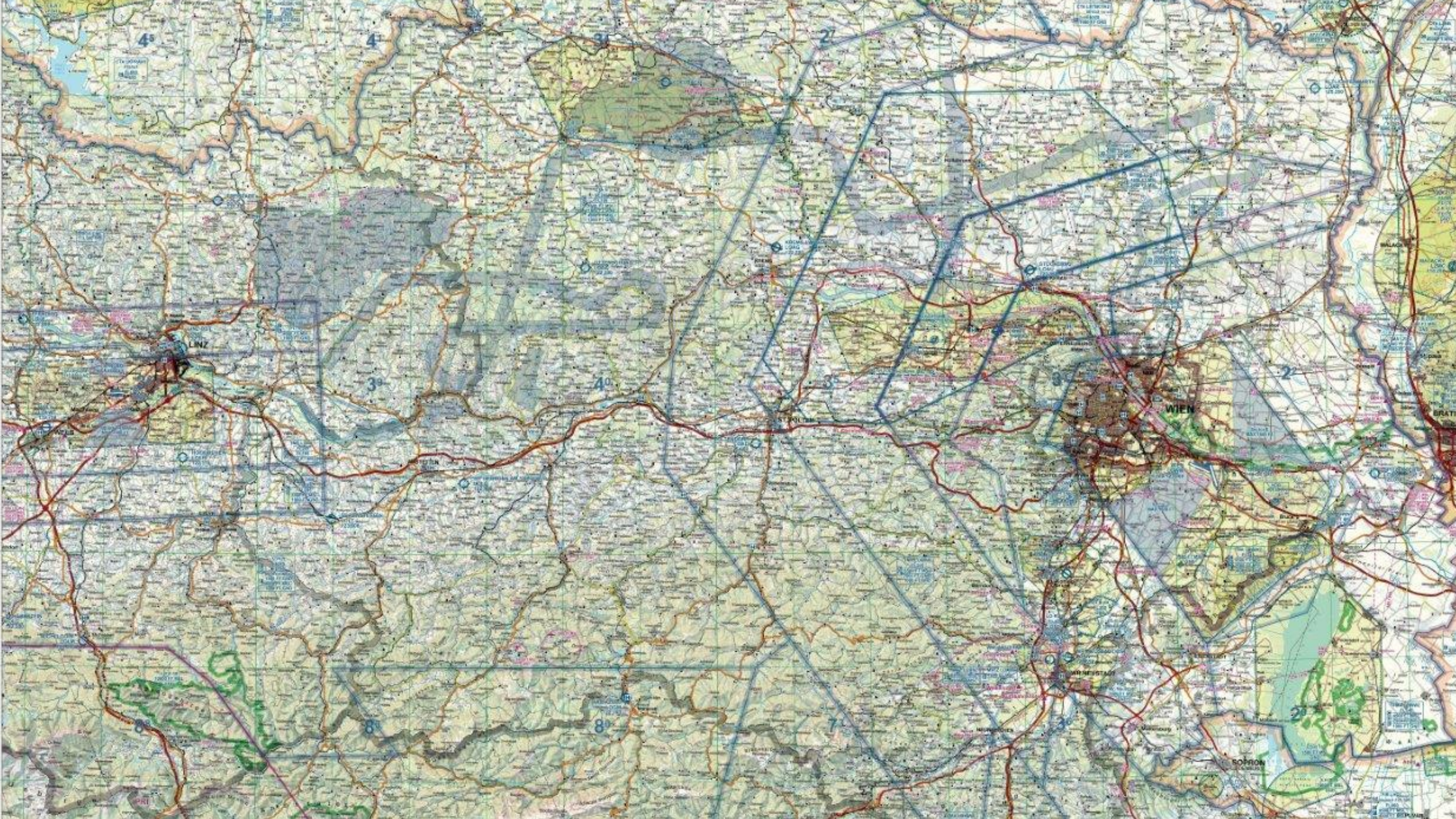
Militärische Luftraumstruktur

Schober,
Pyhrn

FL 250 / 330 / 480

FL 120





Separationsverfahren

- rechte Talseite
- Höhenwahl 000° - 179°: ungerade FL + 500ft (3.500ft, 5.500ft)
 180° - 359°: gerade FL + 500ft (4.500ft, 6.500ft)
- 124,400 WIEN INFO
- 118,525 WIEN INFO für TMA WIEN

Funkverfahren - Minimalvariante

Kontrollfrequenz

Info

- WER bin ich

„TULLN Tower, OE-CMP“

„WIEN Info, OE-CMP“

- WO bin ich

„WW-See, 2500ft“

„OE-CMP, C152, VFR von LOAN nach LOWS, Bernstein, 2000ft“

- WOHIN / WAS will ich

„Erbitte Durchflug in Richtung Stockerau“

„Erbitte Verkehrsinformation“

Funkverfahren - Segelflug

Kontrollfrequenz

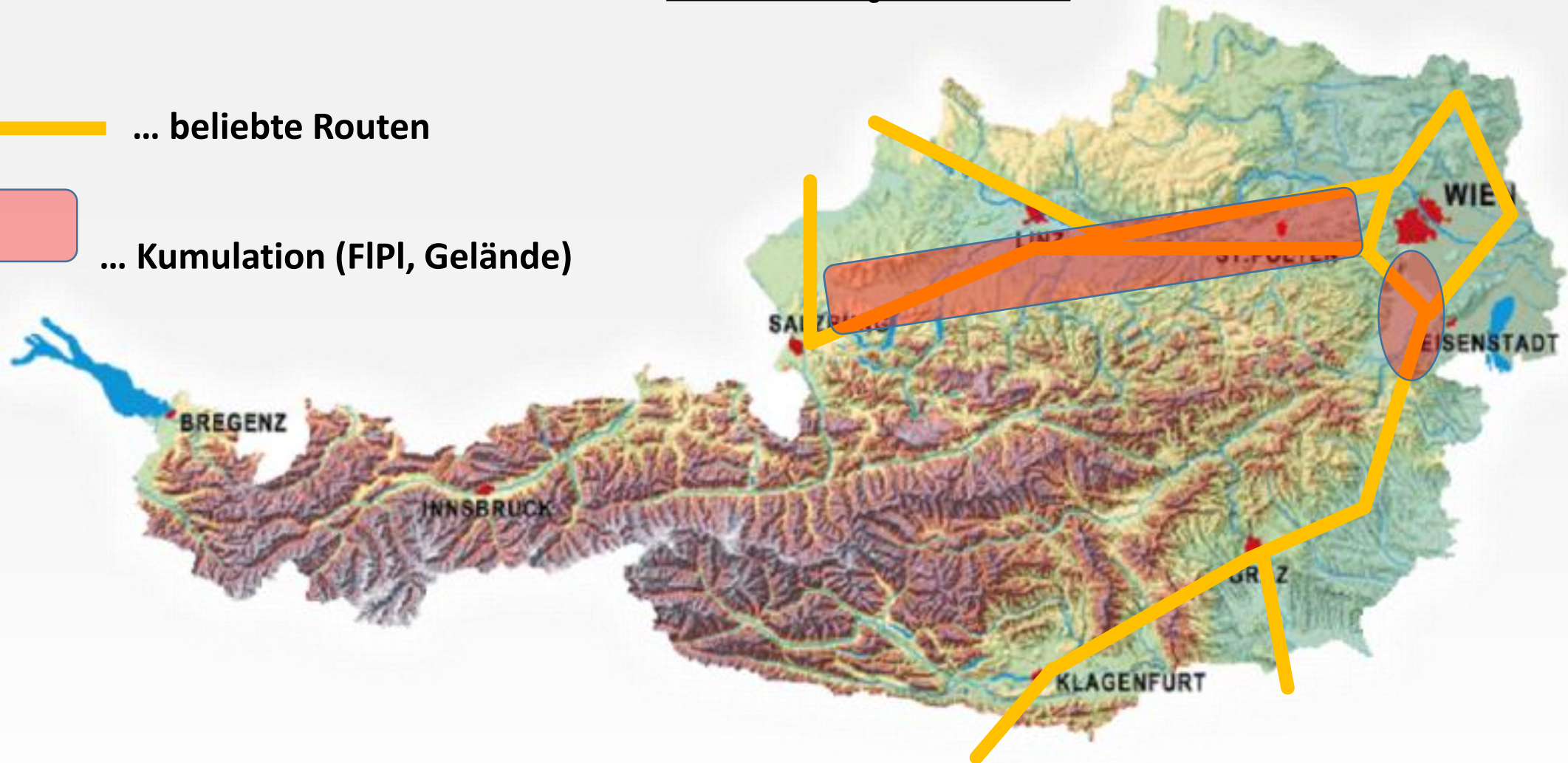
- WER bin ich *„ZELTWEG Radar, OE-9221“*
- WO bin ich *„Ladinger Spitze, 7000ft“*
- WOHIN / WAS will ich *„Erbitte Steigen auf 10.000ft und Flug in Richtung Seckauer Zinken“*

„Ölspur“

— ... beliebte Routen



... Kumulation (FIPI, Gelände)



**Danke
für die
Aufmerksamkeit!**



Quellen:

- NATO AJP 3.3
- Fotos: Internet – google. Bilder
- mil. Quellen