



ITALY SO DEPARTMENT

WHITE SHARK 2020

MASTER PLAN

SAT, 31 OCTOBER 2020 1530-1800UTC



WWW.IVAO.IT



Welcome to the WHITE SHARK 2020 AAR Exercise!

The main objective of this event is to perform a simulation of a

SQUADRON DEPLOYMENT

Test your skill on making “**Rendezvous Foxtrot**” where tankers and receivers takeoff together from the same Airport and fly to the destination practicing en-route AAR.

On Arrival, perform the “**Accompampanied Let Down Procedure**” or the “**Visual RUN-IN**” and accomplish the mission.

It is an unique opportunity to experience many procedures and techniques used by squadrons during their deployments.

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1. DEFINITIONS

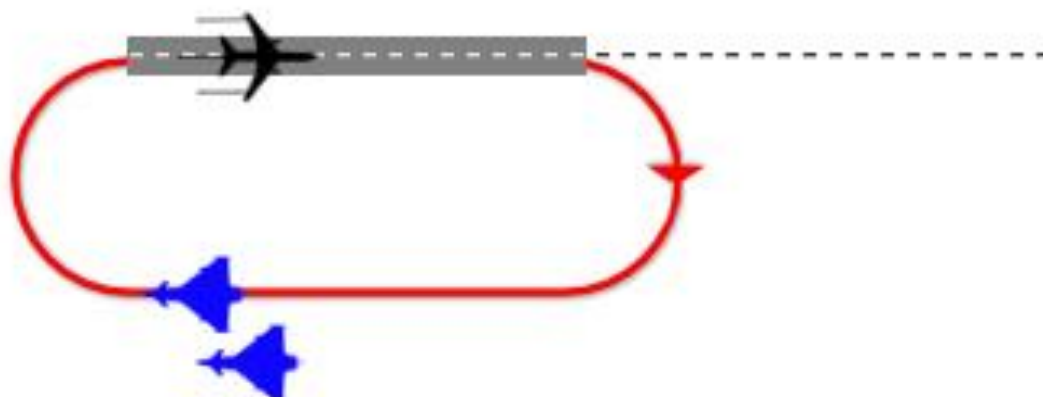
- General Air Traffic (GAT): Civil and military flights conducted in accordance with the rules and the regulations of the ICAO and/or issued by the Italian civil aviation authority.
- Operational Air Traffic (OAT): SO flights that, for military, technical or State reasons do not comply with the provision stated for General Air Traffic (GAT).
- VOAT (Visual OAT), flight missions operating according to operational vfr.
- IOAT (Instrument OAT), flight missions operating according to operational instrument flight rules.
- ALTITUDE RESERVATION (ALTRV): An area of airspace reserved for AAR with the appropriate ATC authority. There are two types of ALTRV: moving and static. A moving ALTRV encompasses en route activities and advances coincident with the mission progress. A static ALTRV consists of a defined geographic area, specific altitude(s) and time period(s).

2. RENDEZVOUS FOXTROT DESCRIPTION

The RV Foxtrot is a sequenced departure normally used in VMC conditions when the tankers and receivers are operating from the same airfield. Tanker and receivers takeoff occur within few minutes from each other, which eliminates the fuel and time consuming racetracks of the other RV procedures. There are two methods of making a RV Foxtrot: the Accompanied Departure / Buddy Climb and the Tailchase.

During this event we will follow the Accompanied Departure/Buddy Climb method

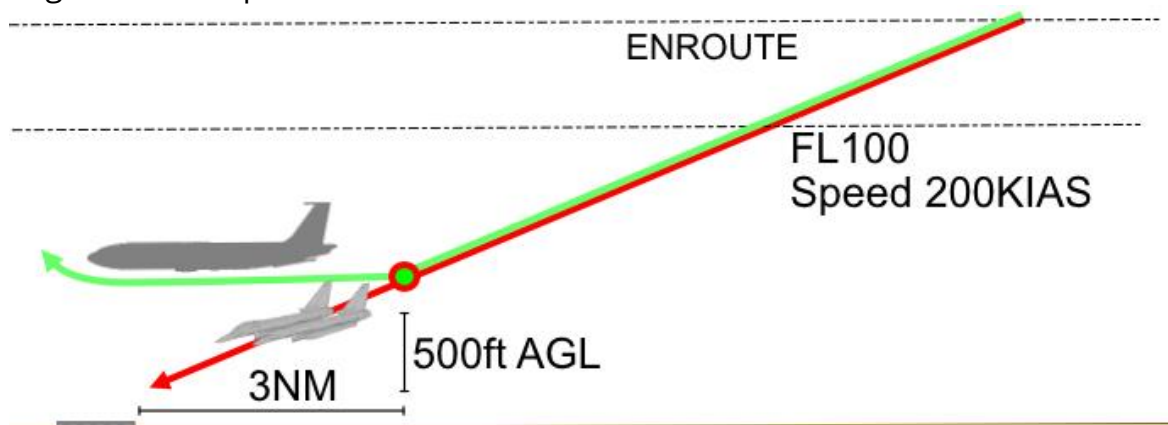
In this procedure the receivers takeoff before the tanker and complete a visual circuit of the airfield whilst the tanker takes off; the receivers then will join formation with the tanker in the climb. (whatch the [VIDEO EXAMPLE](#)).



3. APPROACH PHASE

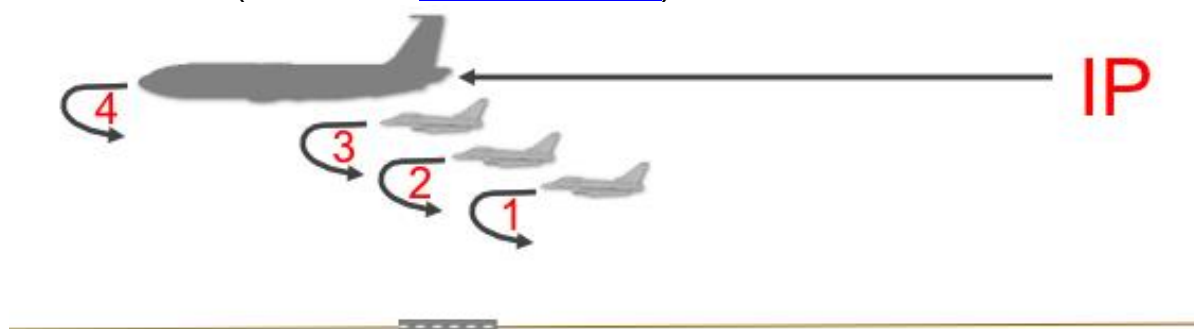
ACCOMPANIED LET DOWN PROCEDURE

It may occasionally be necessary for a tanker to accompany receiver aircraft from cruising level through a joint descent to a height of 500 ft AGL (or 3NM) on the approach to a runway. The accompanied let down procedure provides a standard method of making a formation descent to a point from which a final approach and landing can be completed.



VISUAL RUN-IN

Request any kind of approach appropriate (STAR/Vectors etc) and perform a visual run-in (in echelon formation) for the overhead pattern. Tanker will break the formation last. (watch the [VIDEO EXAMPLE](#))



If you are not familiar or not used to practice those procedures explained above, after AAR completion, **split-up the formation** and continue normally.

More information about the AAR procedures can be found on ATP 3.3.4.2
here <https://www.japcc.org/aar/>

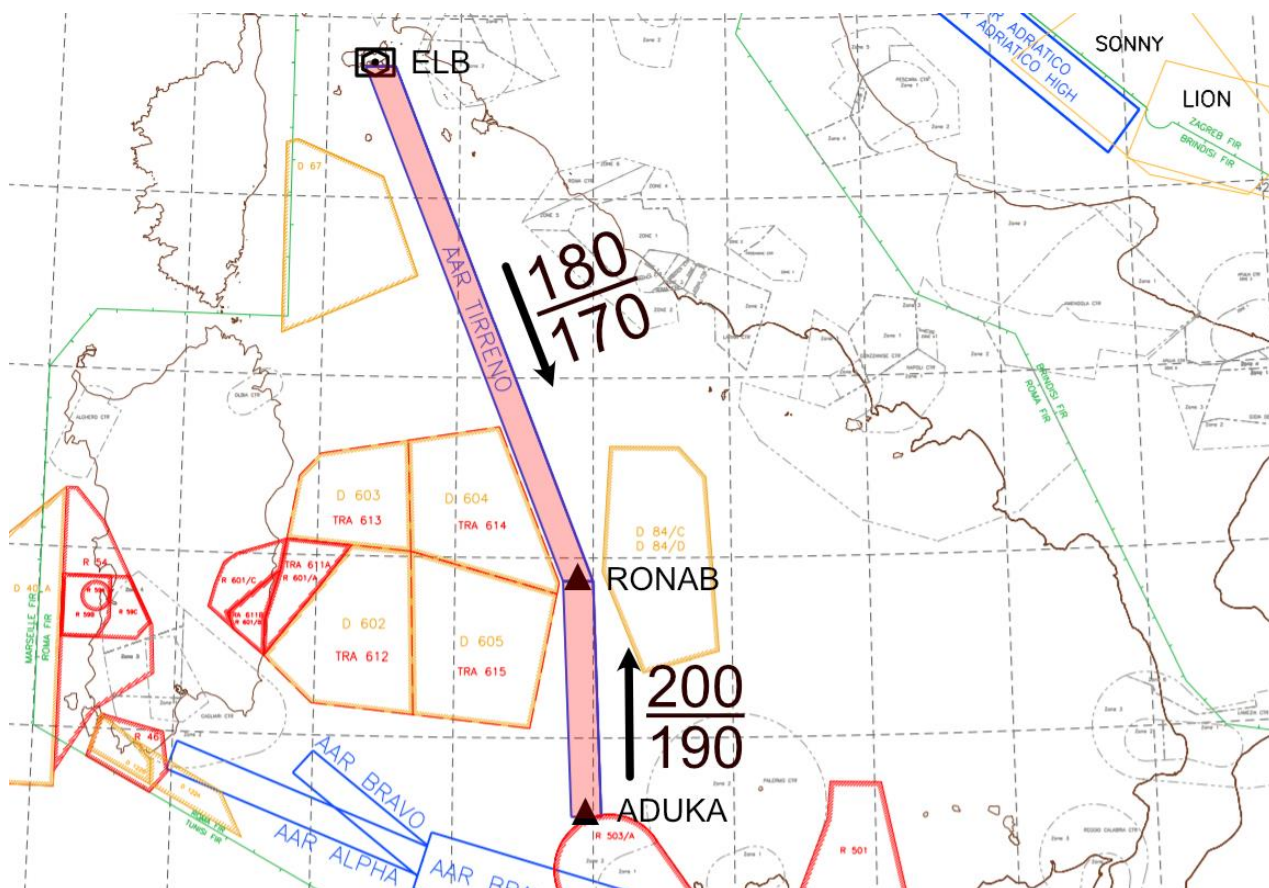
4.COMMON DATA

NAVAIDS & COMMS PLAN

	NAVAIDS		COMMS	
LICT	TRP TAC	Ch 25X	LICT_TWR "Trapani Tower"	119.700
	TRP VOR	108.800	LICT_APP "Trapani Approach"	122.805
	TRA ILS	110.950		
ENR	ELB VORTAC	114.7 - Ch 94X	LIRR_MIL_CTR "Roma Military"	129.775
LIRP	PIS VOR	112.100		
	PIN TACAN	Ch 20X	LIRP_APP "Pisa Approach"	124.280
	IPI ILS	109.700	LIRP_TWR "Pisa Tower"	119.105

AAR CORRIDOR "TIRRENO" DESCRIPTION

POINTS	VERTICAL LIMITS	LATERAL LIMITS	NOTE
ADUKA-RONAB-ELB	FL200 FL170	10NM width (5+5)	The corridor will be activated on tactical basis prior coordination between relevant MIL/CIV ATS Units.



ALTITUDE RESERVATION CRITERIA

In order to keep separation between northbound and southbound missions, 2 blocks of levels has been established:

- HIGHER: FL190/200: LICT->LIRP
- LOWER: FL170/180: LIRP->LICT

CALLSIGNS & SQUAWKS

Callsigns and squawk allocation will be provided before the event.

FPL EXAMPLES

(FPL-ROBINXX-VM

-X/XXXX/M-XXXXXXXXX/X

-LICTXXXX

-N0300F180 ADUKA RONAB ELB

-LIRP0110 LIRE

-STS/ALTRV DOF/XXXX OPR/XXXX RMK/VOAT AFTER REJOIN WITH XXXXX WILL PROCEED AS A SINGLE FORMATION UNDER CALLSIGN ROBINXX ALTRV IAW AAR TIRRENO CORRIDOR

(FPL-BATMNXX-VM

-X/XXXX/M-XXXXXXXXX/X

-LIRPXXXX

-N0300F180 ELB RONAB ADUKA

-LICT0110 LICZ LIED

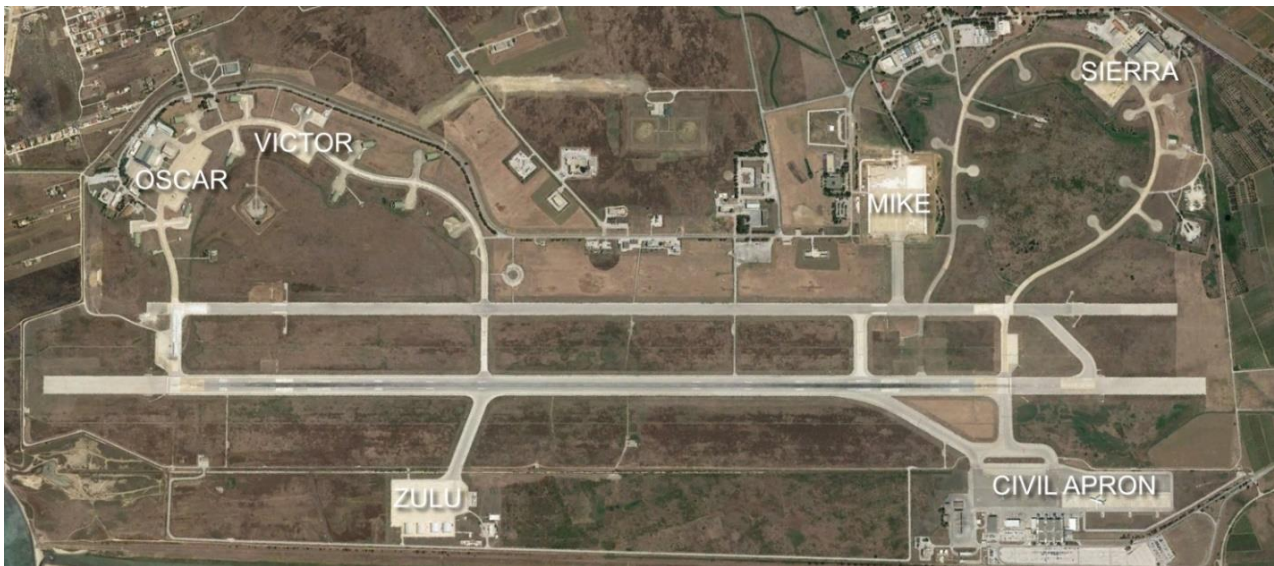
-STS/ALTRV DOF/XXXX OPR/XXXX RMK/VOAT AFTER REJOIN WITH XXXXX WILL PROCEED AS A SINGLE FORMATION UNDER CALLSIGN BATMANXX ALTRV IAW AAR TIRRENO CORRIDOR

PARKINGS

Parking allocation will be provided before the event.

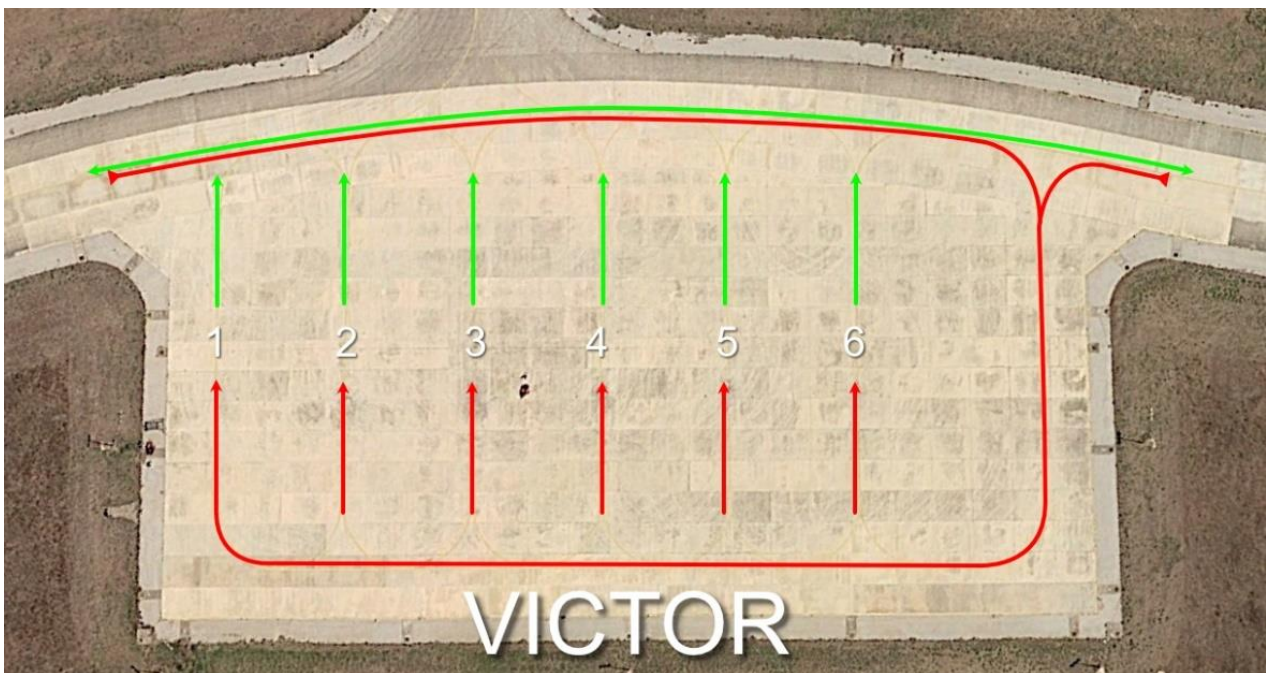
In case of any "scenery issues", be ready to **"manually"** move your aircraft as indicated on the pictures below and/or as described on the parking planner when available.

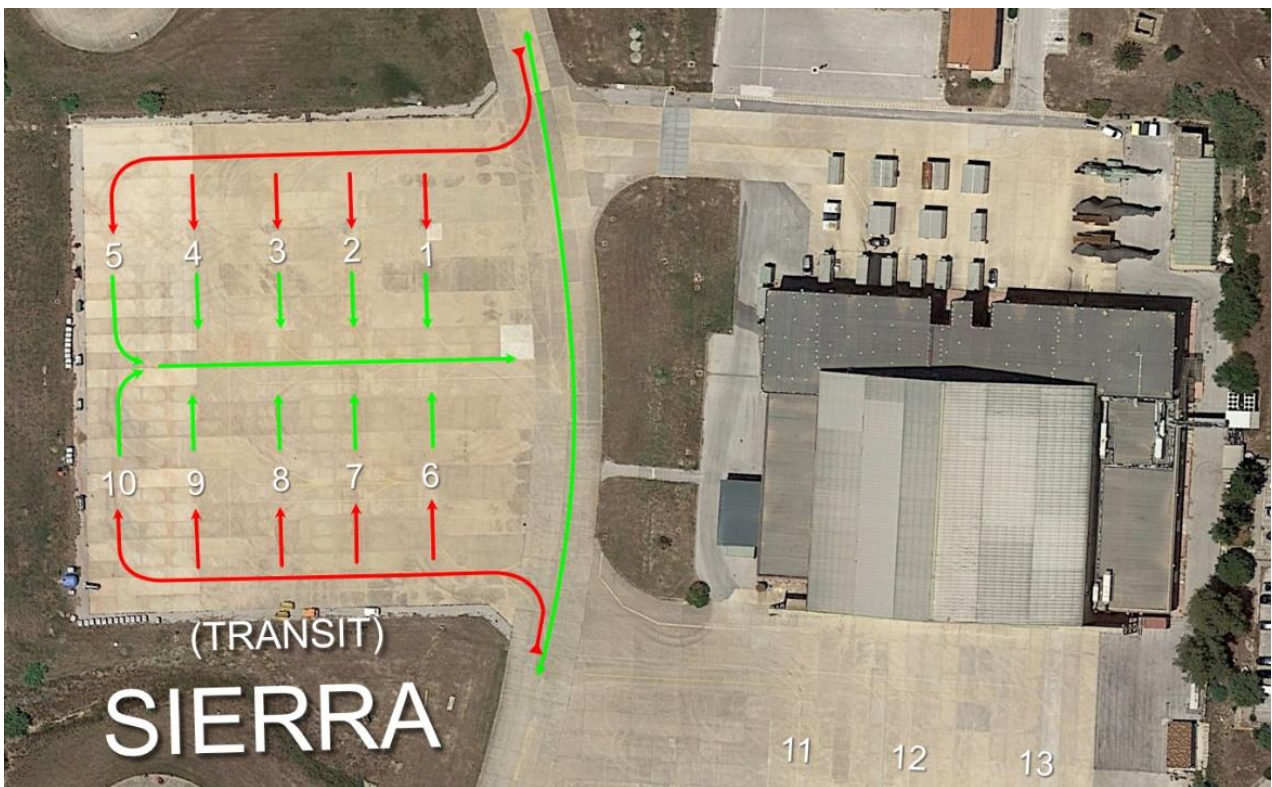
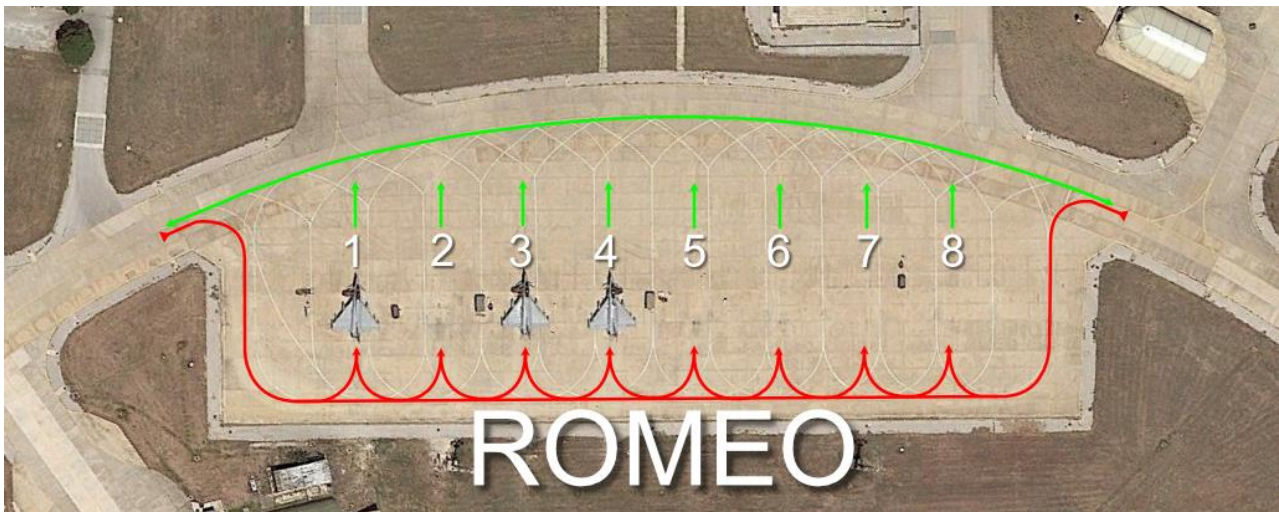
LICT APRONS



LICT RECEIVERS Parkings

Fighters will be parked onto VICTOR, ROMEO and SIERRA APRON.





LICT TANKERS Parkings

Tankers will be parked on ZULU and MIKE APRON.



LIRP APRONS



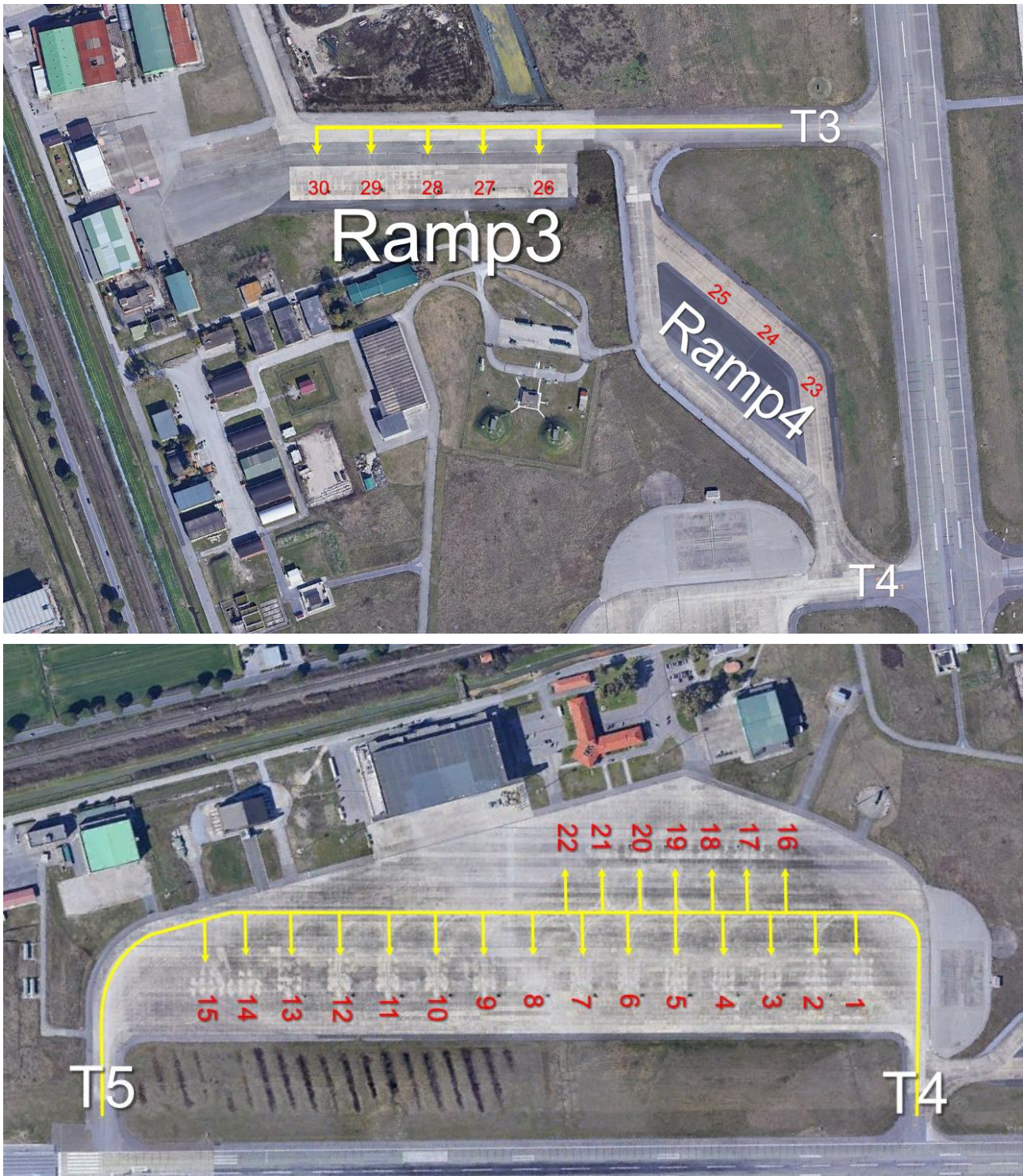
LIRP TANKERS Parkings

Tankers will be parked on “Military apron” (beside CIVIL APRON).



LIRP RECEIVERS Parkings

Receivers will be parked on Ramp3-4-5



Due to the limited Apron capacity, users could be requested to disconnect once engines are switched off.

5. FLIGHT PROCEDURES

DEPARTURE

The mission is planned to be flown as **VOAT**. Receivers will takeoff before the tanker and then circle the aerodrome. After the tanker take-off receivers have to rejoin as soon as practicable before entering the ARR Tirreno corridor. Once rejoin is completed, the Tanker leads the formation.

Inform ATC as described below:

[Receivers] Twr, Robin02, after departure we'll circle the aerodrome and then we will join formation with tanker.

ENROUTE

In order to keep the "Teams" properly separated, expect "speed constraints" (ATC will take aircraft performance into consideration).

ARRIVAL

On arrival, you can continue as a formation performing the *Accompanied let down ProcEDURE* or the *Visual run-in* or, if you are not familiar with those procedures, you can decide to split up the formation and continue normally.

Inform ATC as described below:

1. **Accompanied let down:** [Tanker] Approach, Robin01 formation request (type of approach) for final rwyxx, 3 F16 for full stop landing, tanker will go around at 500ft for traffic pattern (or other type of approach) and full stop.
2. **Visual Run-in:** [Tanker] Approach, Robin01 formation, request (type of approach) for Initial point rwy xx
3. **Split-up:** [Tanker]: Approach, Robin 01 formation, our intention is to split up the formation after (point), Robin01 will proceed for the ILS rwyxx (or other type of approach), Robin02 and 03 will proceed inbound Initial point.

6. MISSION TIMELINE

TIME UTC	ITEMS
1530	Briefing On Discord Channel
1600	Start Of Operations
1745	End Of Operations
1745	Start Of Debriefing On Discord Channel
1800	End Of Debriefing On Discord Channel

7. REGULATIONS AND CHARTS

Login in to <https://ivao.it/> (NO registration required),
then click here <https://ivao.it/special-operation/regulations-and-charts/>
for italian regulations and airport SOPs
Aerodrome and procedure charts here <https://quickoverview.ivao.it/charts/>.

8. NOTAM

ITAARTIR/20: TEMPORARY RESTRICTED AREA ESTABLISHED WITHIN AREA
BOUNDED BY STRAIGHT LINES JOINING SUCCESSIVELY:

03951124N01149011E-03833415N01151433E-03833487N01202255E-

03953535N01158058E-04245192N01029206E-04242252N01018064E-

03951124N01149011E

LOWER LIMIT: FL170

UPPER LIMIT: FL200

ACTIVATION: 31OCT20 1530 –1800

VALID FROM 2020-10-31 15:30:00

UNTIL 2020-10-31 18:00:00.

CONDITIONS OF USE: RESERVED AND DESIGNATED FOR EXCLUSIVE USE BY SPECIAL
OPERATIONS FLIGHTS ONLY, NO OTHER AIR TRAFFIC SHALL ENTER RESTRICTED AREA

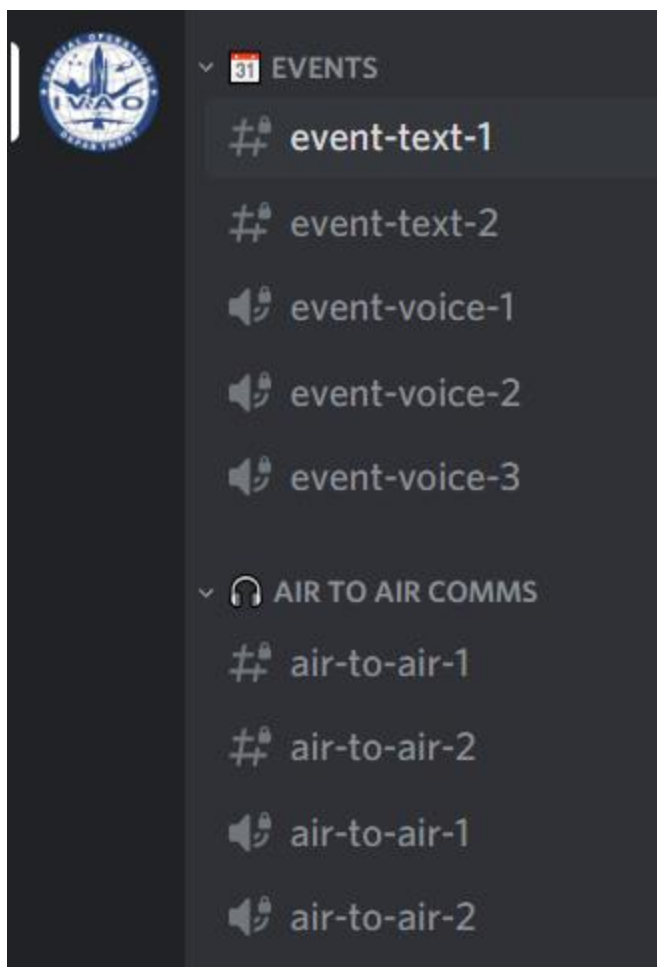
9. MISC

REGISTRATION CRITERIA

1. **TEAM:** Only for SOGs or group of organized pilots. Each team shall be composed of at least 1 tanker and 2 receivers. Other receivers (individuals) can be eventually added by Event organizers.
2. **INDIVIDUAL:** If you don't find any teammate you can signup as individual and you will be assigned to a team by Event organizer. In this case, be prepared to eventually take either the role of TANKER or RECEIVER depending on the situation. During registration process you will be asked to specify which ROLE you do prefer.

TACTICAL COMMS

All the **tactical** comms will be carried out on Discord / Official SOD channel



SCENERIES DOWLOAD

LICT for FSX/P3D [Link](#)

LICT for XPLANE [Link](#)

LIRP for FSX [Link](#)

LIRP for P3D v4 [Link](#)

LIRP for P3D v5 Use Default

LIRP for XPLANE [Link](#)

WHERE PARKING SPOTS NOT AVAILABLE – MANUALLY MOVE YOUR AIRPLANE PRIOR TO CONNECT

JOINFs SERVER

- Download link: <https://pmem.uk/joinfs/joinfs.msi>
- Manual: https://pmem.uk/joinfs/joinfs_v1-1-4-stable_guide.pdf

FORUM DISCUSSION

NIL

VIDEO EXAMPLES

Departure <https://youtu.be/lzethkAfcI0?t=474>

Arrival <https://youtu.be/Liiz9tVMUYU?t=83>

CONTACTS

For any doubt contact it-specialops@ivao.aero

Enjoy the Event!