



IVAO
ITALY

Frecce Tricolori 60th Anniversary Fly-in

MASTER PLAN



Intro

The Frecce Tricolori (Italian pronunciation: [ˈfrettʃe trikoˈlo:ri]; literally "Tricolour Arrows"), is the aerobatic demonstration team of the Italian Air Force. Based at Rivolto Air Base, in province of Udine, it was created on 1 March 1961 as a permanent group for the training Air Force pilots in air acrobatics.

The team flies the Aermacchi MB-339-A/PAN. With ten aircraft, nine in close formation and one solo, they are the world largest acrobatics patrol in the world.

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).



Event Description

You have been invited by Italian Air Force to participate to the “Frecce Tricolori 60th anniversary airshow”.

The event is mainly structured as a “fly-in” to Rivotto LIPI airbase in order to participate as “static display”. Choose a suitable departure airport (it can be anywhere) and plan to arrive at your assigned scheduled time.

Furthermore there are 5 slots available for 5 “air display” (max 10min each) for those that want to be part of the airshow.

Planning And Scheduled Times

- FLY-IN for STATIC DISPLAY: Plan **in advance** your FPL in order to calculate the total EET. Once you get your *assigned scheduled time*, just depart from the ADEP as planned in order to arrive on time.
- AIR DISPLAY: An **Aerobatic Area** will be available (5NM radius from the airport and up to FL100) when activated by TWR. No other traffic can fly within it except aircraft assigned to the air display SLOTS.

Registration will be closed 24hrs before the event start and you will be informed via email and/or discord about your *assigned scheduled time*.

Aircraft Allowed

- FIXED WING up to cat M
- HELICOPTERS

Warnings

After Landing Do Not Disconnect And Remain Available Online

Aircrews performing **Air Display** are required to simulate DAYLIGHT

In case of adverse weather, the event will be carried out simulating the VMC



Common Data

NavAids

TYPE	NAME	FREQ	COORDINATES
TACAN	RIV	CH 37X – 110.00	N 45 59 44.62 E 13 05 18.20
NDB	RIV	371	N 45 56 07.20 E 12 56 31.24

ATC Frequencies

FACILITY		FREQ.	FACILITY		FREQ.
LIPI_TWR	Rivolto Tower	126.850	LIPP_MIL_CTR	Padova Military	123.175
LIPA_APP	Aviano Radar	120.125	LIPI_G_APP	Rivolto Precision	127.525
LIPP_NE2_CTR	Padova Radar	120.725			

Diversion Airfields

AIRPORT	NAVAIDS		BEARING	DISTANCE
LIPA Aviano	AVI TACAN – CH 111X	116.40	272°	21NM
LIPS Istrana	ISA TACAN – CH54X	111.70	243°	44.7NM

Runways And Thresholds Coordinates

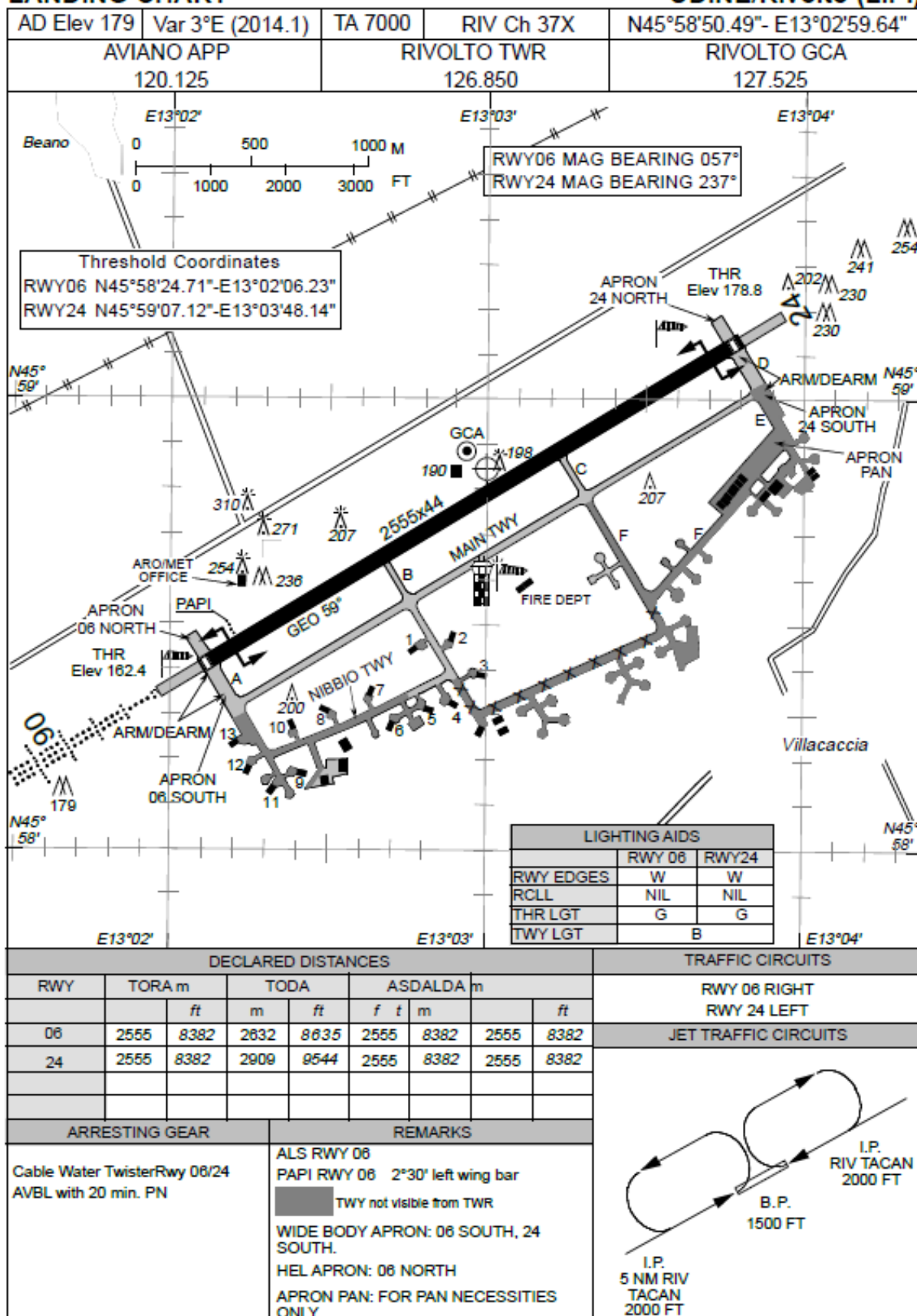
- 06 N45°58'24.71" E13°02'06.23"
- 24 N45°59'07.12" E13°03'48.14"



Airport Diagram

LANDING CHART

UDINE/Rivolto (LIPI)



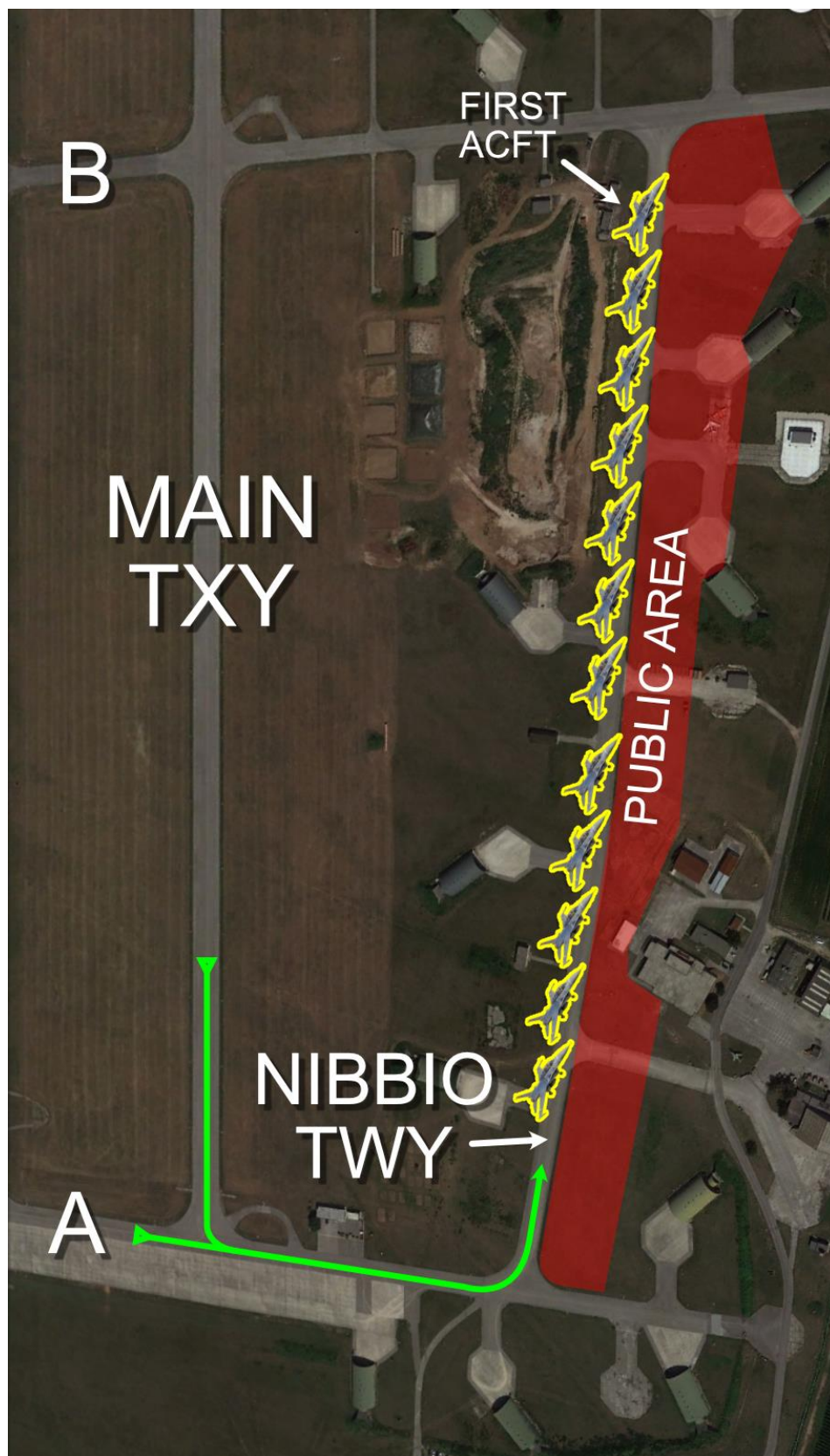
LANDING CHART

UDINE/Rivolto (LIPI)



Aircraft Parkings

- Static Display will be parked on txy **NIBBIO**.
- Air Display will be parked on “**APRON 06 South**” or “**APRON PAN**”





Display Area



The Display Area is the “half part” of the Aerobatic Area, located north of the runway.

The rest of the Aerobatic Area can be used for “rejoin manouvers” except for the “red box” south of the runway over the airport (crowd safety).

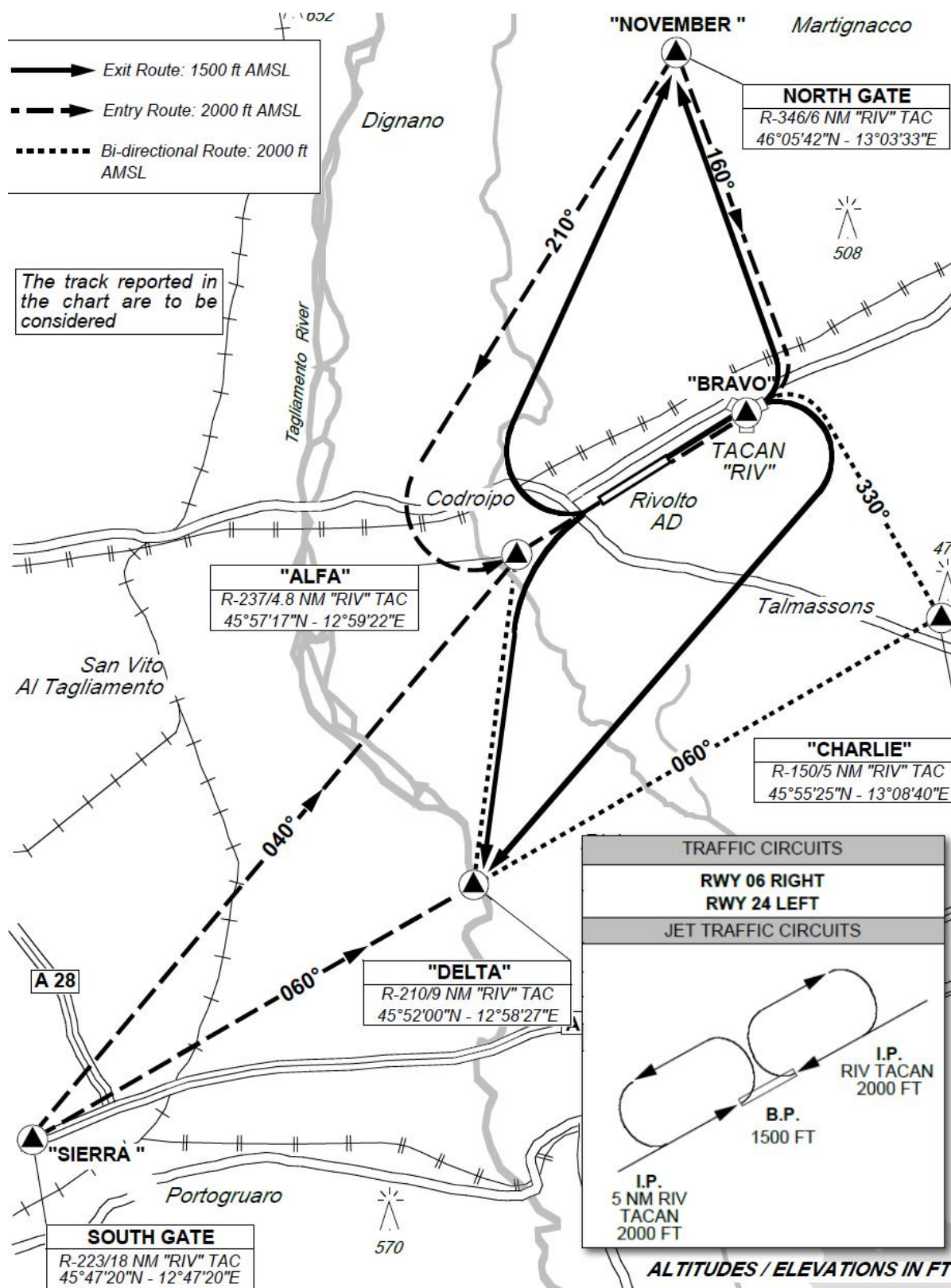




Flight Plan

VFR GAT/OAT

At Pilot discretion. Entry points as described below:





IFR OAT

Pilot discretion

IFR GAT

According to RAD document–Airport Connectivity of Eurocontrol, when operating as GAT, pilots SHALL plan one of the following FIXES as Last point in the FPL:

ACFT EQUIP.	ARR FIX	EXPECTED STAR	EXPECTED IAP
TAC	NAXAV	DCT ISA DCT	HI TAC or TACAN RWY 06
NDB	NAXAV	NAXAV VICID	NDB RWY 06
TAC	CHI	DCT	TACAN RWY 06
NDB	CHI	CHI 1N	NDB RWY 06
TAC	RON	DCT	TACAN RWY 06
NDB	RON	DCT RIV NDB	NDB RWY 06
TAC	VIC	DCT	TACAN RWY 06
NDB	VIC	VIC 1D	NDB RWY 06

Instrumental Procedures Significant Points

REP	COORDINATES	NOTE
MARTE	45 51 00 N 012 39 01E	IAF TACAN RWY 06
–	45 44 41 N 012 28 09E	IAF HI-TACAN 06

Arriving At LIPI Using PAR Approach

If you want to arrive at Rivolto airbase using the PAR procedure, just contact us in advance (at least 3 days before the event) for further details.



NOTAM

A) LIPP B) 2109281830 C) 21009282130

D) 1830-2130

E) AEROBATIC AIR DISPLAY WILL TAKE PLACE WI AREA 5NM RADIUS OF
455850N0130259E /LIPI – RIVOLTO AB/

RMK: ACT SUBJ COOR WITH AVIANO RADAR AND RIVOLTO TWR

F) GND

G) FL100

Event Timeline

TIME	ITEMS
1830z	Briefing On Discord Channel (Not mandatory for Static Display acft)
1845z ~	First planned arrival aircraft
2130z ~	End Of Operations (May vary based on number of participants)

Registration Criteria

- **STATIC DISPLAY:** Pilots wanting to participate as aircraft on static display (Fly-in). You will be asked to insert:
 - your *Flight Sim*,
 - your *Aircraft type*
 - Your *Departure Aerodrome*
- **AIR DISPLAY:** 5 Slots available for single/formations aircraft wanting to perform aerobatics. You will be asked to insert:
 - your *Flight Sim*,
 - your *Aircraft type*
 - Your *Wingmans VIDs* (if you are a formation)*

*In case of Formation flight, **only the leader** needs to apply.



Regulations And Charts

You need to Login here <https://ivao.it/> (NO registration required), before downloading any document.

- Regulations <https://ivao.it/special-operation/regulations-and-charts/>
- Charts <https://quickoverview.ivao.it/charts/>

Misc

Sceneries Download

Available few days before the event.

JOINFS Server

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

Contacts

For any doubt contact it-specialops@ivao.aero