

**MILITARY AERONAUTICAL INFORMATION PUBLICATION (M.A.I.P.)  
LOW ALTITUDE**

**AIRPORT DIAGRAMS  
STANDARD INSTRUMENT DEPARTURES (SID)  
INSTRUMENT APPROACH PROCEDURES (IAP)**

**FALCON BMS 4.35 - BALKANS THEATER**



## TABLE OF CONTENTS

PAGE

A. GENERAL INFORMATIONS & ABBREVIATIONS .....	4
B. USEFUL INFORMATIONS ABOUT THE EXECUTION OF THE PROCEDURES .....	5
C. APPROACH LIGHTING SYSTEMS (ALS) .....	7
D. PARKING SPOTS - 1 RWY / APRONS A,B,C .....	8
D. PARKING SPOTS - 1 RWY / APRON D, SHELTERS .....	9
D. PARKING SPOTS - 2 RWYs / APRONS A,B,C .....	10
AKTION (LGPZ - HELLAS) - AIRPORT DIAGRAM .....	11
AKTION (LGPZ - HELLAS) - IAP ILS/DME RWY 08 .....	12
AMENDOLA (LIBA - ITALY) - AIRPORT DIAGRAM .....	13
AMENDOLA (LIBA - ITALY) - IAP TACAN RWY 29 .....	14
AVIANO (LIPA - ITALY) - AIRPORT DIAGRAM .....	15
AVIANO (LIPA - ITALY) - SID RWY 05 .....	16
AVIANO (LIPA - ITALY) - SID RWY 23 .....	17
AVIANO (LIPA - ITALY) - IAP ILS/DME RWY 05 .....	18
BATAJNICA (LYBT - SERBIA) - AIRPORT DIAGRAM .....	19
BATAJNICA (LYBT - SERBIA) - IAP ILS/DME RWY 14L .....	20
BRNIK (LJLJ - SLOVENIA) - AIRPORT DIAGRAM .....	21
BRNIK (LJLJ - SLOVENIA) - IAP ILS/DME RWY 30 .....	22
CASALE (LIBR - ITALY) - AIRPORT DIAGRAM .....	23
CASALE (LIBR - ITALY) - IAP ILS/DME RWY 33 .....	24
CERVIA (LIPC - ITALY) - AIRPORT DIAGRAM .....	25
FALCONARA (LIPY - ITALY) - AIRPORT DIAGRAM .....	26
FALCONARA (LIPY - ITALY) - IAP ILS/DME RWY 20 .....	27
GIOIA DEL COLLE (LIBV - ITALY) - AIRPORT DIAGRAM .....	28
GIOIA DEL COLLE (LIBV - ITALY) - IAP ILS/DME RWY 32L .....	29
GROSSETO (LIRS - ITALY) - AIRPORT DIAGRAM .....	30
GROSSETO (LIRS - ITALY) - IAP TACAN RWY 02 .....	31
ISTRANA (LIPS - ITALY) - AIRPORT DIAGRAM .....	32
MIRAMARE (LIPR - ITALY) - AIRPORT DIAGRAM .....	33
MIRAMARE (LIPR - ITALY) - IAP ILS/DME RWY 30 .....	34
PESCARA (LIBP - ITALY) - AIRPORT DIAGRAM .....	35

## **TABLE OF CONTENTS (page 2)**

	PAGE
PESCARA (LIBP - ITALY) - IAP ILS/DME RWY 22 .....	36
PLESO (LDZA - CROATIA) - AIRPORT DIAGRAM .....	37
PLESO (LDZA - CROATIA) - IAP ILS/DME RWY 23R .....	38
RIVOLTO (LIPI - ITALY) - AIRPORT DIAGRAM .....	39
RIVOLTO (LIPI - ITALY) - SID CHIOGGIA .....	40
RIVOLTO (LIPI - ITALY) - SID ISTRANA .....	41
RIVOLTO (LIPI - ITALY) - SID ROSKA .....	42
RIVOLTO (LIPI - ITALY) - IAP TACAN RWY 06 .....	43
RONCHI DEI LEGIONARI (LIPQ - ITALY) - AIRPORT DIAGRAM .....	44
RONCHI DEI LEGIONARI (LIPQ - ITALY) - IAP ILS/DME RWY 11 .....	45
SIGONELLA (LICZ - ITALY) - AIRPORT DIAGRAM .....	46
SIGONELLA (LICZ - ITALY) - IAP ILS/DME RWY 10R .....	47
TASZAR (LHTA - HUNGARY) - AIRPORT DIAGRAM .....	48
TASZAR (LHTA - HUNGARY) - IAP TACAN RWY 16R .....	49
TESSERA (LIPZ - ITALY) - AIRPORT DIAGRAM .....	50
TESSERA (LIPZ - ITALY) - IAP ILS/DME RWY 05R .....	51



# FALCON BMS 4.34

## BALKANS THEATER



### A. GENERAL INFORMATIONS & ABBREVIATIONS

Distances in nautical miles.

Runway dimensions in feet.

Altitudes/Elevations in feet Mean Sea Level (MSL).

Radials/Headings are magnetic.

Vertical Descent Angle (VDA) is calculated from FAF to threshold.

ALT	Altitude
Chan	Channel
DME	Distance Measuring Equipment
FAF	Final Approach Fix
FT	Feet
IAF	Initial Approach Fix
IAS	Indicated Airspeed
Ldg	Landing
LOC	Localizer
LR-	Lead Radial (followed by 3 digits)
MDA	Minimum Descent Altitude
MSA	Minimum Safe/Sector Altitude
NM	Nautical Miles
R-	Radial (followed by 3 digits)
RWY	Runway
S-	Straight-in approach
TACAN	Tactical Air Navigation equipment
TDZE	Touchdown Zone Elevation
VORTAC	VOR and TACAN navigational facilities collocated
WPT	Waypoint

RATE OF CLIMB/DESCENT TABLE

CLIMB/DESCENT ANGLE (DEGREES)	CLIMB/DESCENT GRADIENT (FT/NM)
2.5°	265 ≈ 250
3.0°	318 ≈ 300
5.0°	530 ≈ 500
10.0°	1,060 ≈ 1,000

## **B. USEFUL INFORMATIONS ABOUT THE EXECUTION OF THE PROCEDURES**

### **1) Maximum precise in DME (distance in Nautical Miles)**

In order to have the maximum precise in indication of DME (distance from the NavAid in NM), do the follow: insert the GPS coordinates of the NavAid (TACAN or VORTAC station) over a steerpoint (STPT) and make this steerpoint as current. GPS coordinates of the NavAid given by the IAP chart. Then set the proper NavAid channel, the band to X (airports - ground) and the Instr Mode switch to TCN. In this way you will have indications for bearing and distance at the HSI from NavAid as in real life, but also indication for distance with one decimal digit in the lower right corner in the HUD. This is critical for the precise of the final turn due to the fact that very often the DME of the last steerpoint (that we turn to final approach course aligned with runway centerline) has a decimal digit and the indication for distance at the HSI reads only integer numbers.

### **2) Turns**

If not published in the IAP charts, turns to join and to leave an arc, turns of missed approach and holding turns must be executed with IAS 250 KTS and bank angle of 30 degrees. Also if not published in the Departure charts, turns must be executed with IAS 300 KTS and bank angle of 30 degrees.

### **3) Final turn and impact of wind**

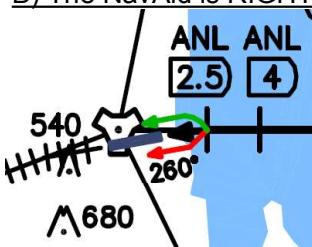
Even if you turn at final steerpoint at exactly DME, you may find yourself aligned with runway centerline but offset. This happens due to active wind and not of the inaccuracy of the IAP chart. So in this situation:

A) The NavAid is LEFT of the runway, example of Bocas Del Toro Intl with final turn at R-151/2.1 DME.



- i] if you fly offset of runway and left of it (red course in photo) execute a missed approach and at the next approach turn 0.1 DME sooner, means at R-151/2.2 DME.
- ii] if you fly offset of runway and right of it (green course in photo) execute a missed approach and at the next approach turn 0.1 DME later, means at R-151/2.0 DME.

B) The NavAid is RIGHT of the runway, example of Nea Anchialos with final turn at R-090/2.5 DME.



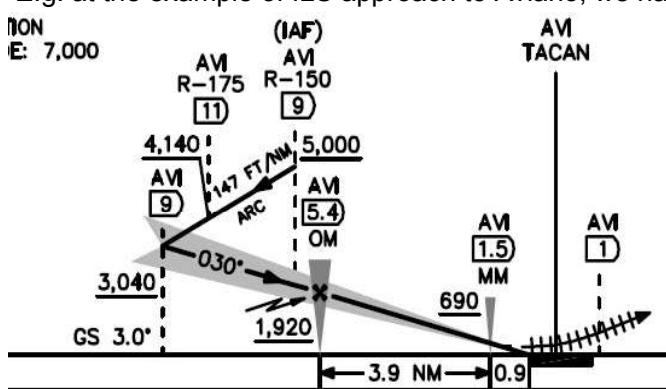
- i] if you fly offset of runway and left of it (red course in photo) execute a missed approach and at the next approach turn 0.1 DME later, means at R-090/2.4 DME.
- ii] if you fly offset of runway and right of it (green course in photo) execute a missed approach and at the next approach turn 0.1 DME sooner, means at R-090/2.6 DME.

All the previous can be applied when at the final steerpoint the AOA is 11-13 degrees and the CDI at HSI centered almost perfect or with 0.5 degree maximum variation.

### **4) Calculating the descent**

In order to execute the descents with precise, you must convert the rate of descent that shown in the IAP charts in FT/NM to degrees. This can be done via the table "RATE OF CLIMB/DESCENT TABLE" in page 3 as follow: multiply the FT/NM of the rate of descent with 3 and then divide the result with 318.

E.g. at the example of ILS approach to Aviano, we have at the 11 DME arc rate of descent 147 FT/NM.



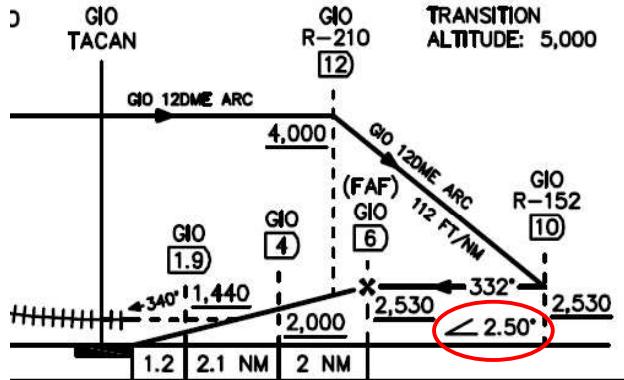
So this gives:

$(147 \times 3)/318 = 1.39 \approx 1.4$  degrees, means that we must descent from IAF Fix at R-150/9 DME to 9 DME via the 11 DME arc with 1.4 degrees.

Note that we have the same result with any pair, e.g. 5 deg. - 530 FT/NM gives also 1.4 degrees:  $(147 \times 5)/530 = 1.39 \approx 1.4$  degrees.

Keep in mind that the rate of descent in FT/NM is independent of velocity of the aircraft, as also its conversion to degrees.

Also the descent from FAF Fix to runway threshold for non-precision approaches is given with the VDA (Vertical Descent Angle) and shown in the IAP charts in degrees just after its symbol (< or >). In the next example of TACAN approach to Gioia Del Colle, we see VDA of 2.50 degrees.



## 5) Setting the QNH

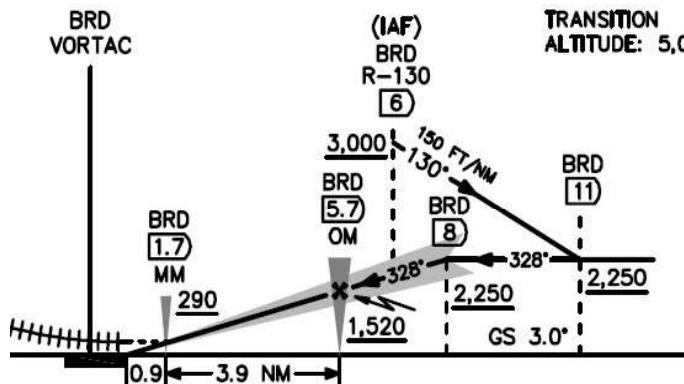
Don't forget to set the QNH of the altitude instrument while you transit from transition altitude to lower altitude by asking ATC (keys "T" and "T" and "1"). Transition altitude is given by the IAP charts in the profile at the lower left corner.

## 6) ILS limits

ILS Localizer provides course indications to 10 degrees either side of the course along a radius of 18 NM from the antenna and from 10 to 35 degrees either side of the course along a radius of 10 NM.

ILS Glide slope transmits a glide path beam 1.4 degrees wide. It is normally usable to the distance of 10 NM. In Falcon BMS 4.32 Glide slope's beam is 1.57 degrees wide (+0.085 degrees and -0.085 degrees). Obviously Glide slope's zone of receiving signal is very narrow and a lot of Falcon pilots think very often that the ILS Glide slope is not transmitting and it's an issue of the simulator, but actually they aren't in the proper altitude at the specific DME from runway.

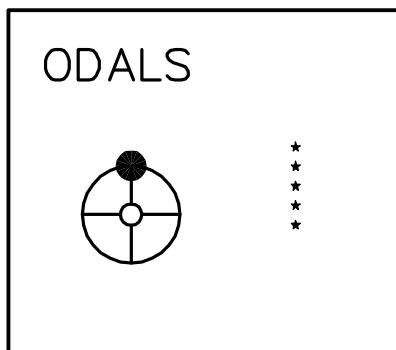
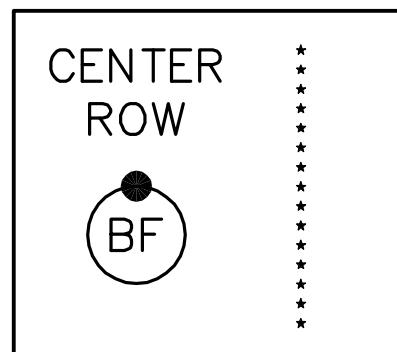
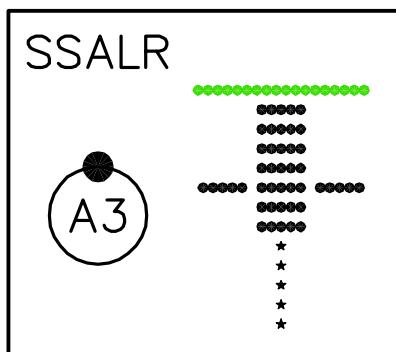
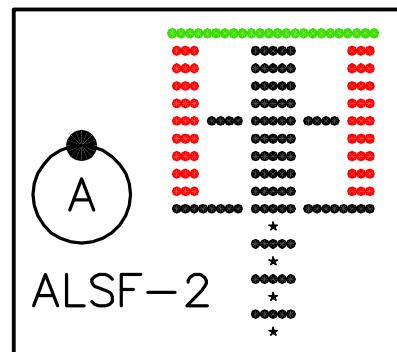
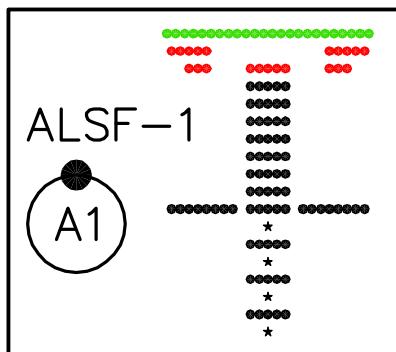
In order to understand this better, let's see the example of ILS approach to Casale:



You see that at 5.7 DME from VORTAC station (and at  $0.9+3.9=4.8$  NM from runway threshold) must be at 1,520 FT. At the distance of 4.8 NM from runway threshold the Glide slope's beam has limits  $\pm 400$  FT, means from  $1,520-400=1,120$  FT up to  $1,520+400=1,920$  FT. In other words when you are exactly at 1,520 FT and on Localizer course, you will not have signal from Glide slope if you are below of 1,120 FT or if you are higher of 1,920 FT and the Glide slope bar inside HUD will be dashed and not moving.

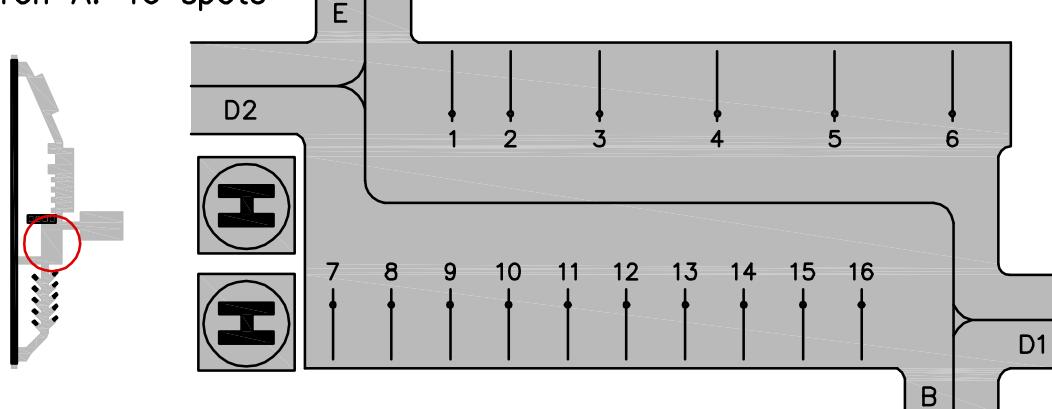
So pay special attention to altitude that intercepts the glidepath.

## C. Approach Lighting Systems (ALS)

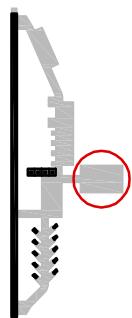


## D. Airports Parking Positions – Default Single RWY

Apron A: 16 spots

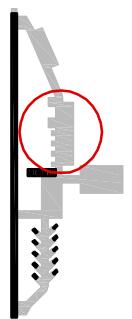


Apron B: 16 spots



24	.	25
23	.	26
22	.	27
21	.	28
20	.	29
19	.	30
18	.	31
17	.	32

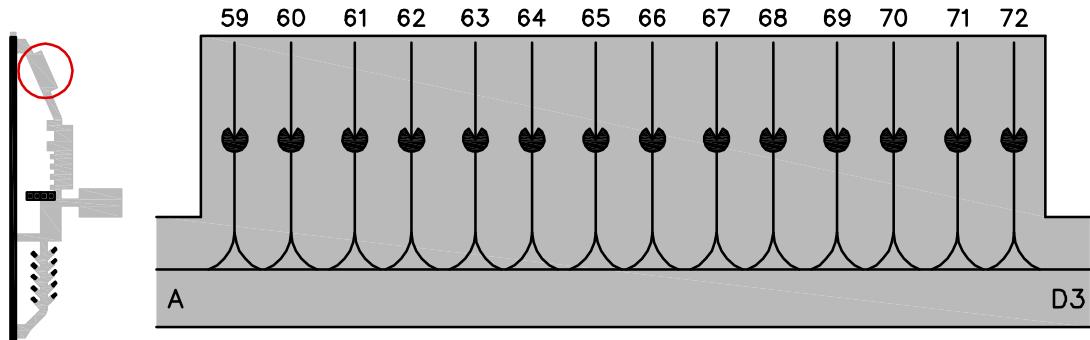
Apron C: 26 spots



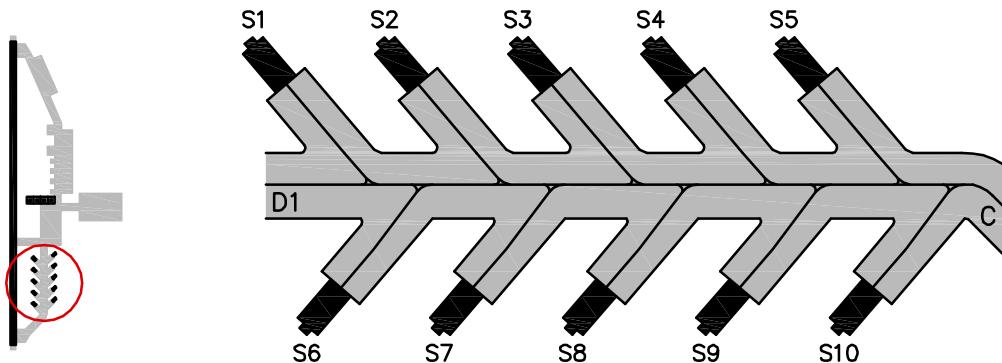
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
53										55		56		57		58			

## D. Airports Parking Positions – Default Single RWY

Apron D: 14 spots

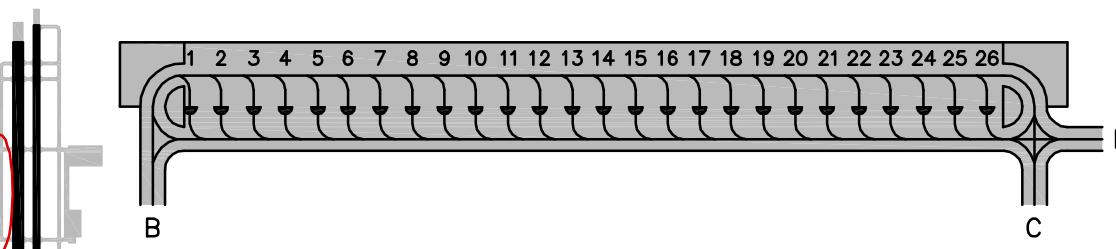


Shelters: 10 spots

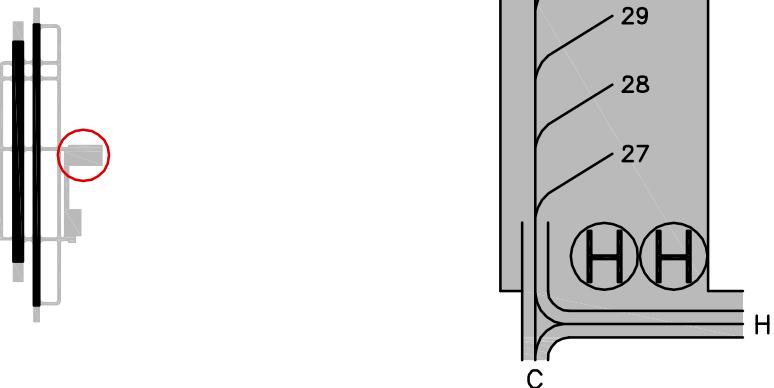


## D. Airports Parking Positions – Default 2 parallel RWYs

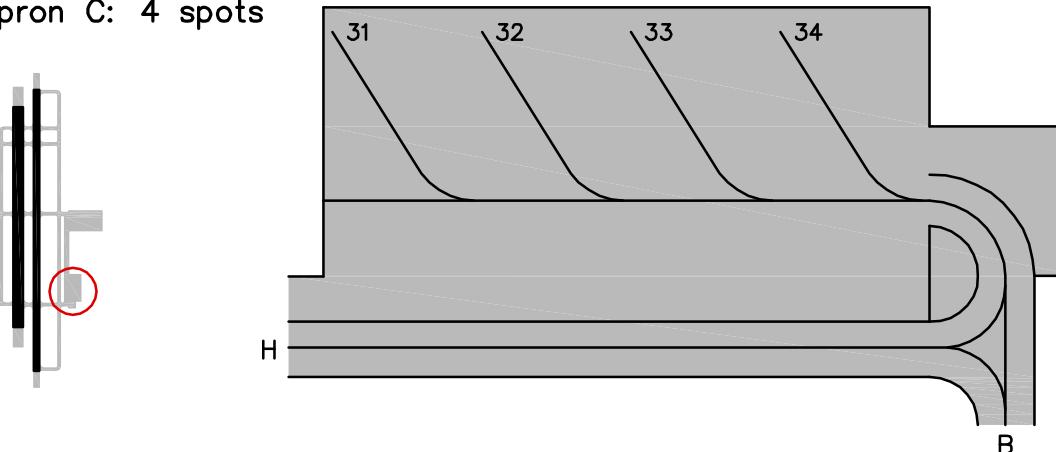
Apron A: 26 spots



Apron B: 4 spots

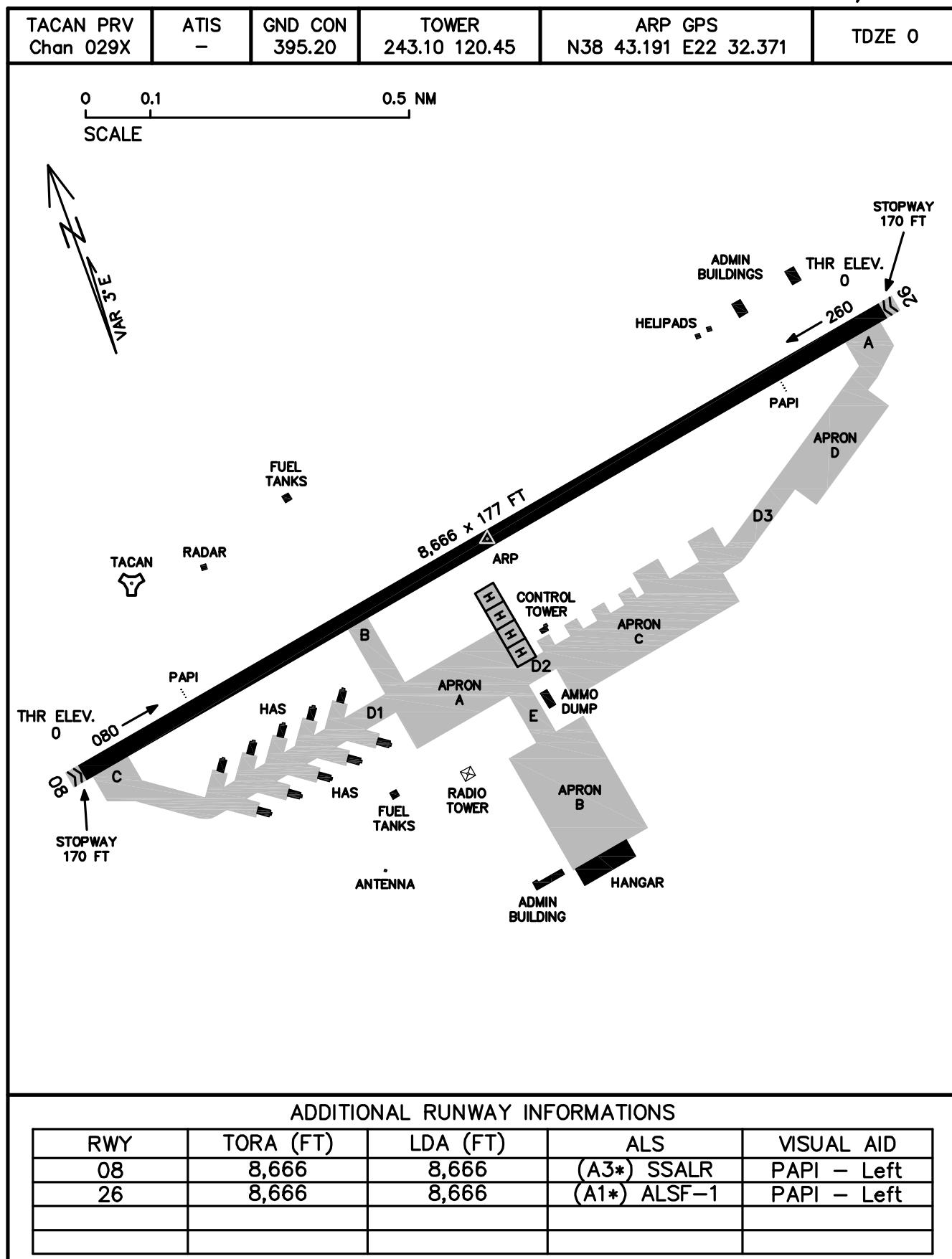


Apron C: 4 spots



# AIRPORT DIAGRAM

AKTION (LGPZ)  
PREVEZA, HELLAS

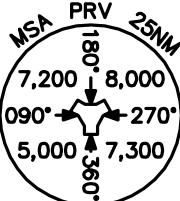


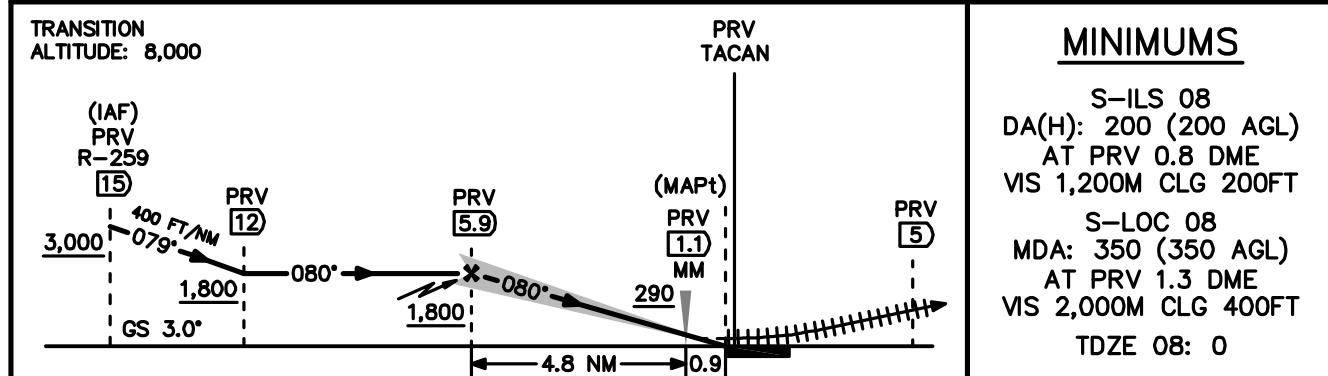
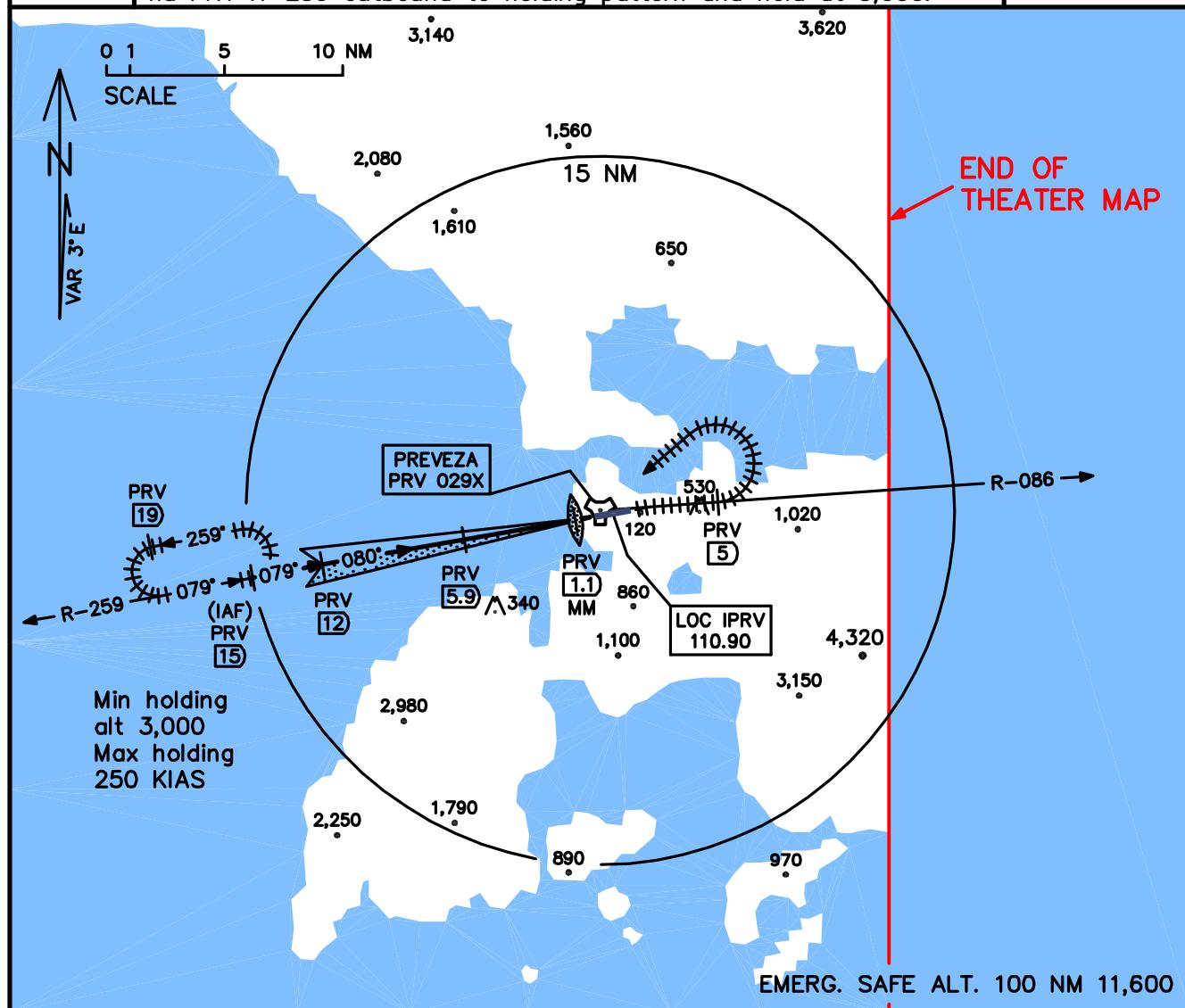
FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 08

AKTION (LGPZ)  
PREVEZA, HELLAS

TACAN PRV Chan 029X	LOC IPRV 110.90	ATIS -	APP CON 362.55	TOWER 243.10 120.45	GND CON 395.20	TACAN GPS N38 43.318 E22 31.696
Final course 080		Rwy Idg 8,666			TDZE 0	
<b>SSALR</b>  MISSED APPROACH: Climb runway with min. rate 400 FT/NM and pass PRV TACAN to intercept PRV R-086 outbound. At PRV R-086/5 DME climb left turn direct to PRV TACAN. Then proceed via PRV R-259 outbound to holding pattern and hold at 3,000. 						

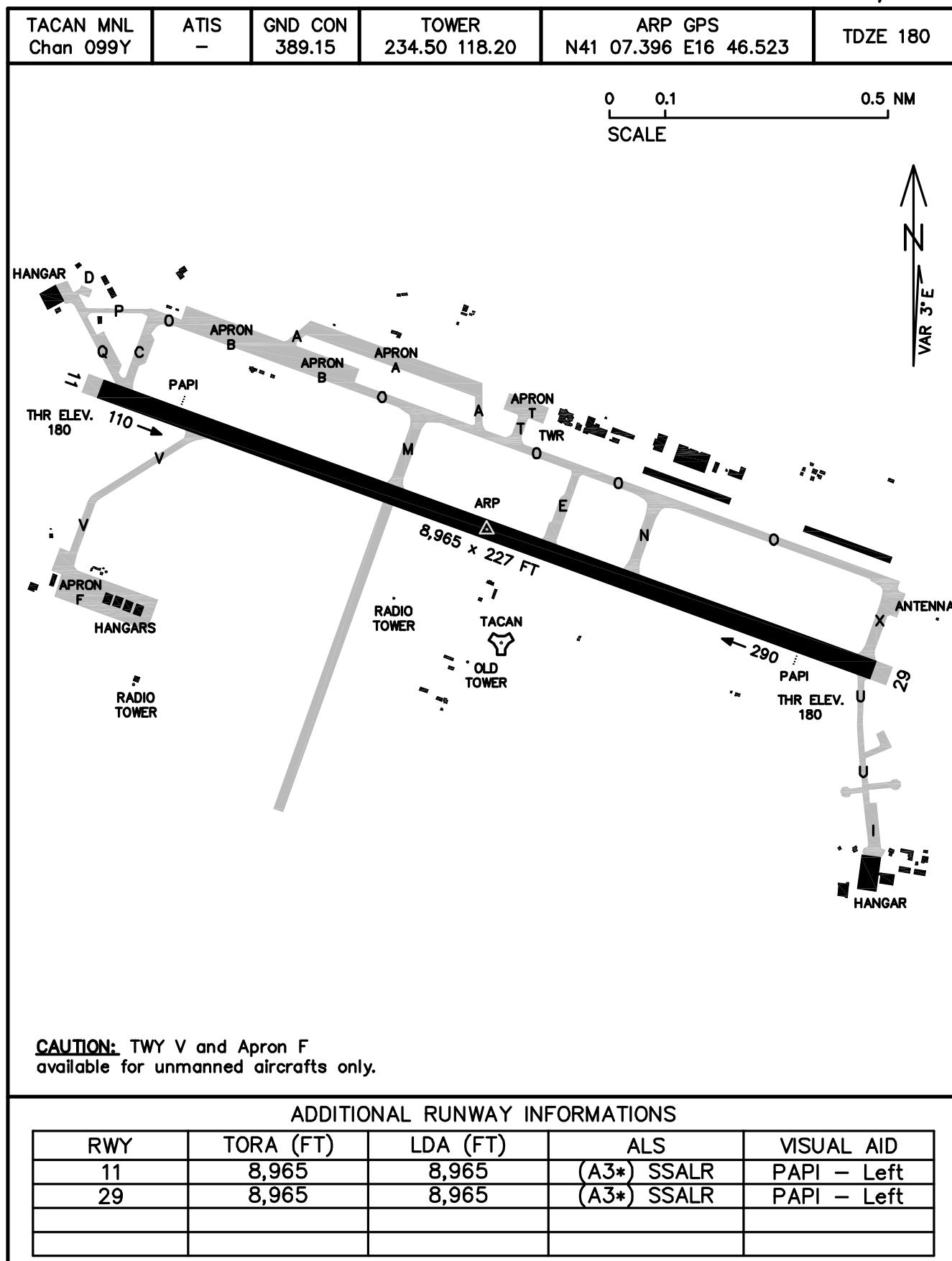


FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 6 June 2019 by Nikos Efstratiou

# AIRPORT DIAGRAM

AMENDOLA (LIBA)  
AMENDOLA, ITALY

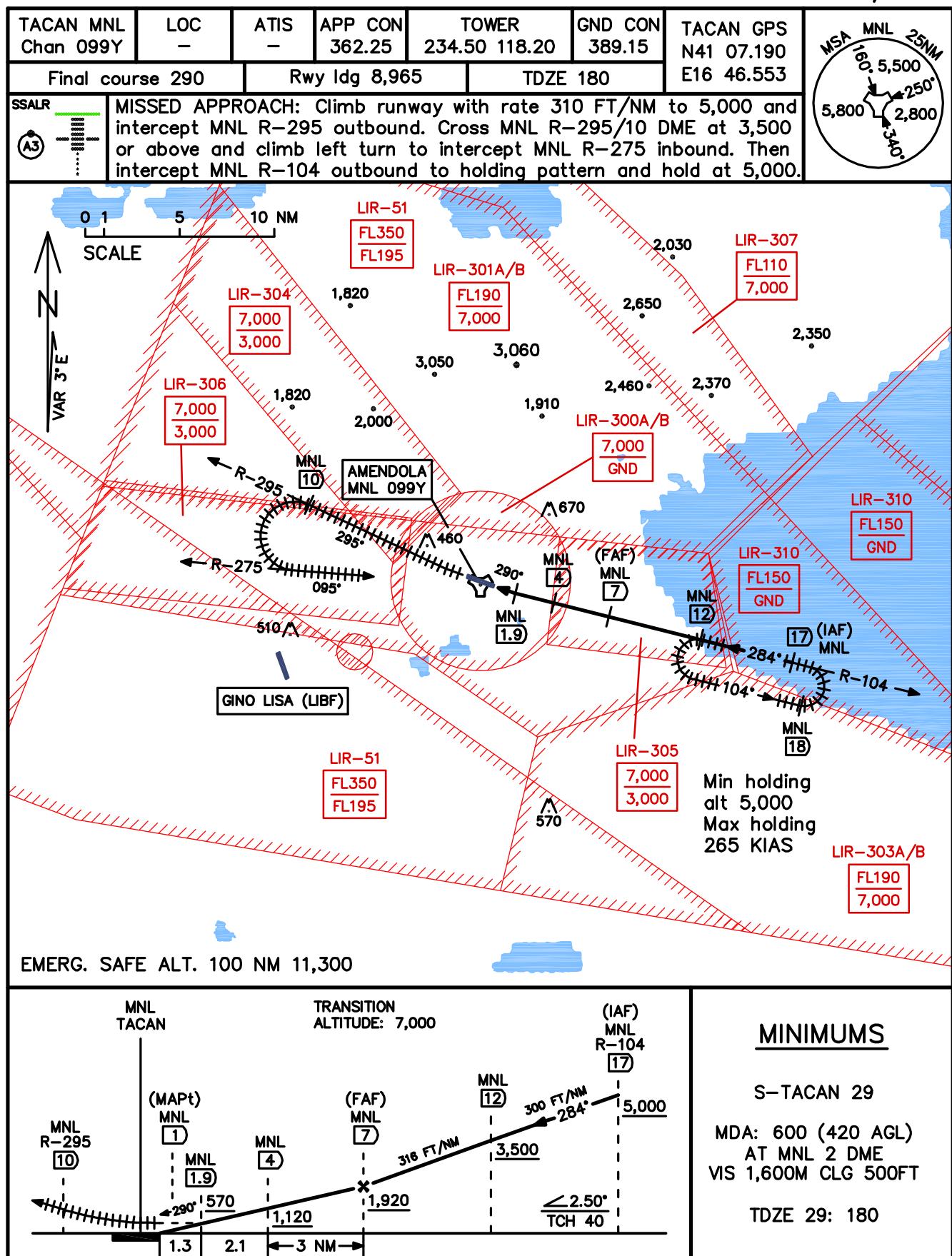


FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

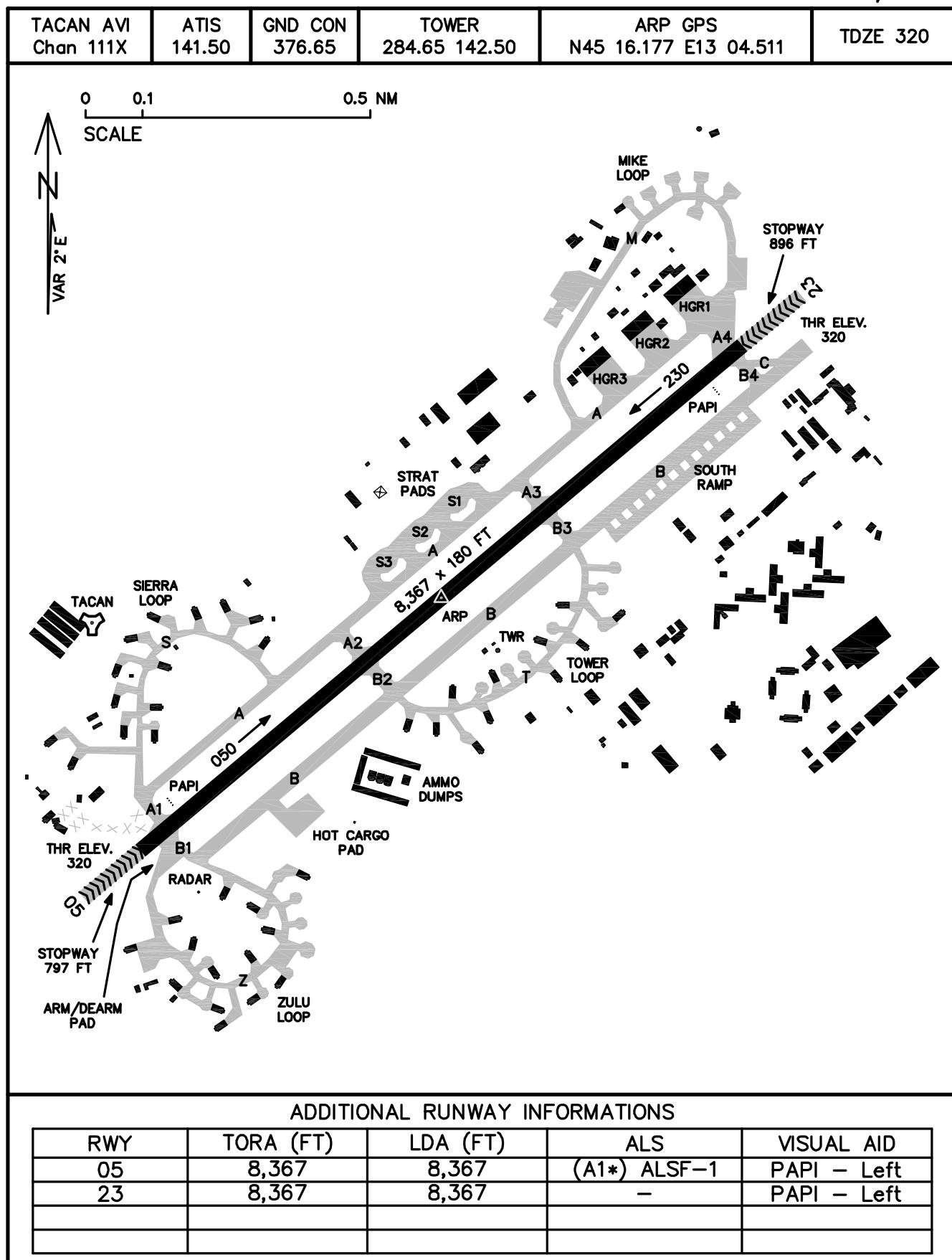
# TACAN RWY 29

AMENDOLA (LIBA)  
AMENDOLA, ITALY



# AIRPORT DIAGRAM

AVIANO (LIPA)  
AVIANO, ITALY

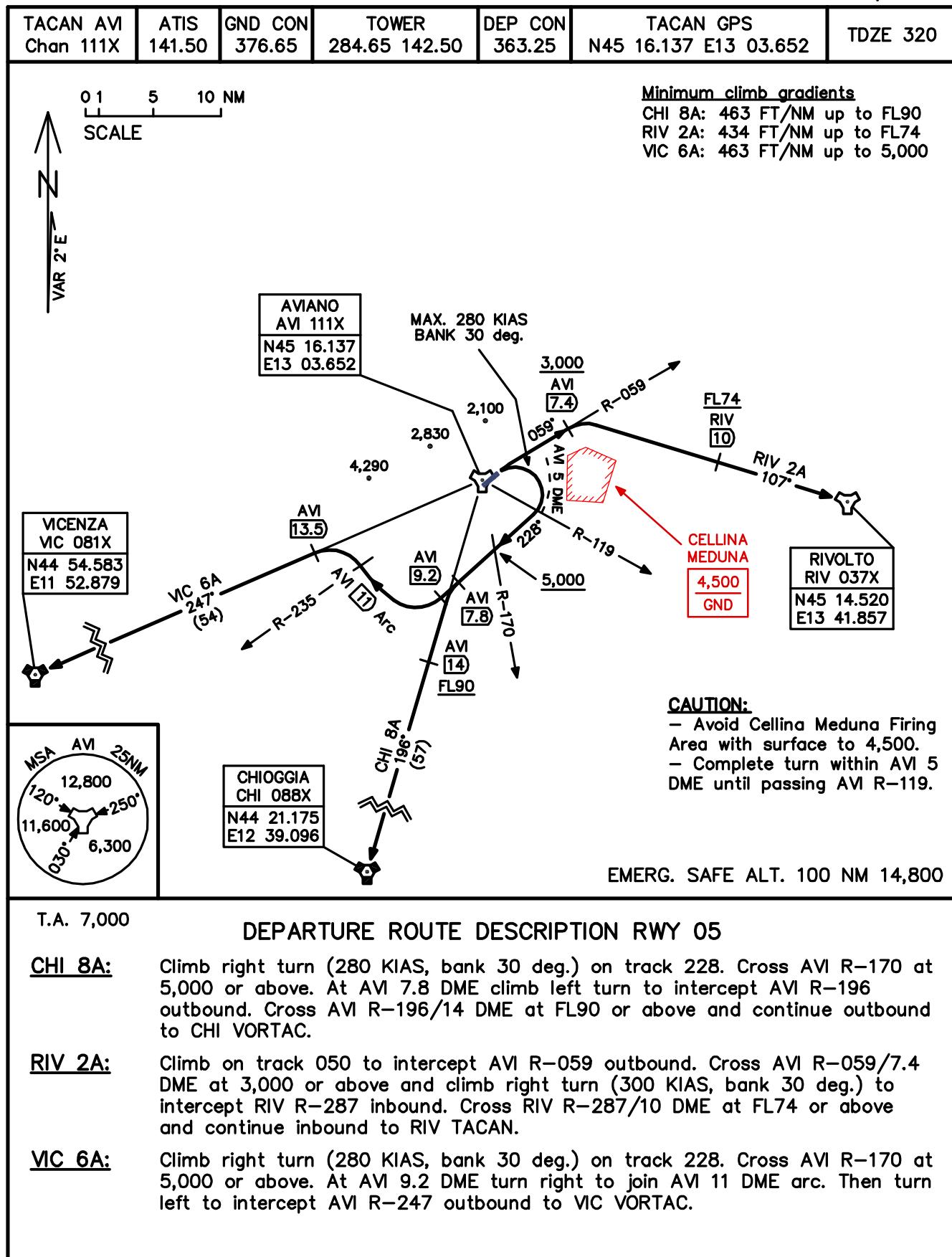


FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

CHI 8A, RIV 2A,  
VIC 6A DEPARTURE

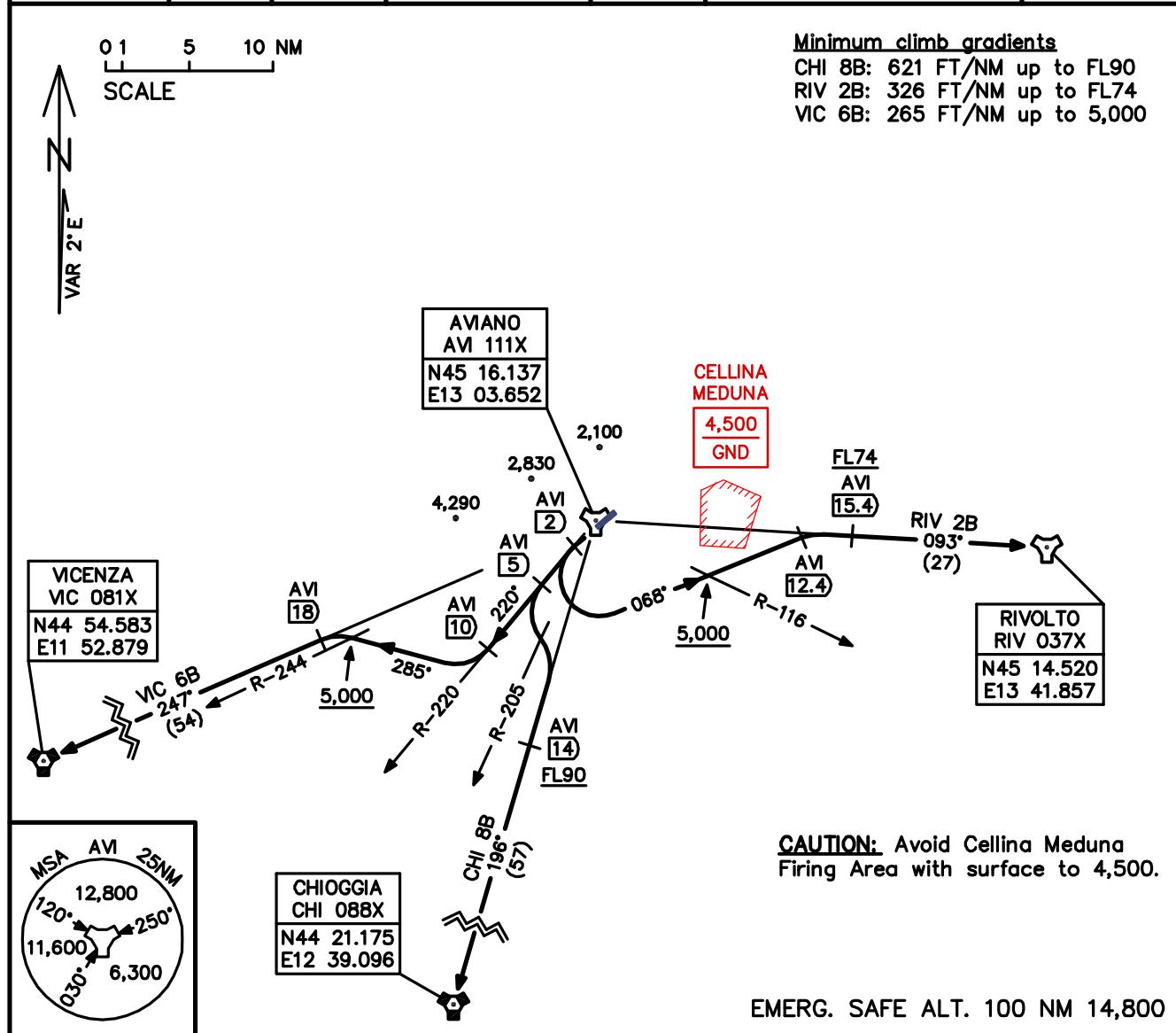
AVIANO (LIPA)  
AVIANO, ITALY



CHI 8B, RIV 2B,  
VIC 6B DEPARTURE

AVIANO (LIPA)  
AVIANO, ITALY

TACAN AVI Chan 111X	ATIS 141.50	GND CON 376.65	TOWER 284.65 142.50	DEP CON 363.25	TACAN GPS N45 16.137 E13 03.652	TDZE 320
------------------------	----------------	-------------------	------------------------	-------------------	------------------------------------	----------



T.A. 7,000

### DEPARTURE ROUTE DESCRIPTION RWY 23

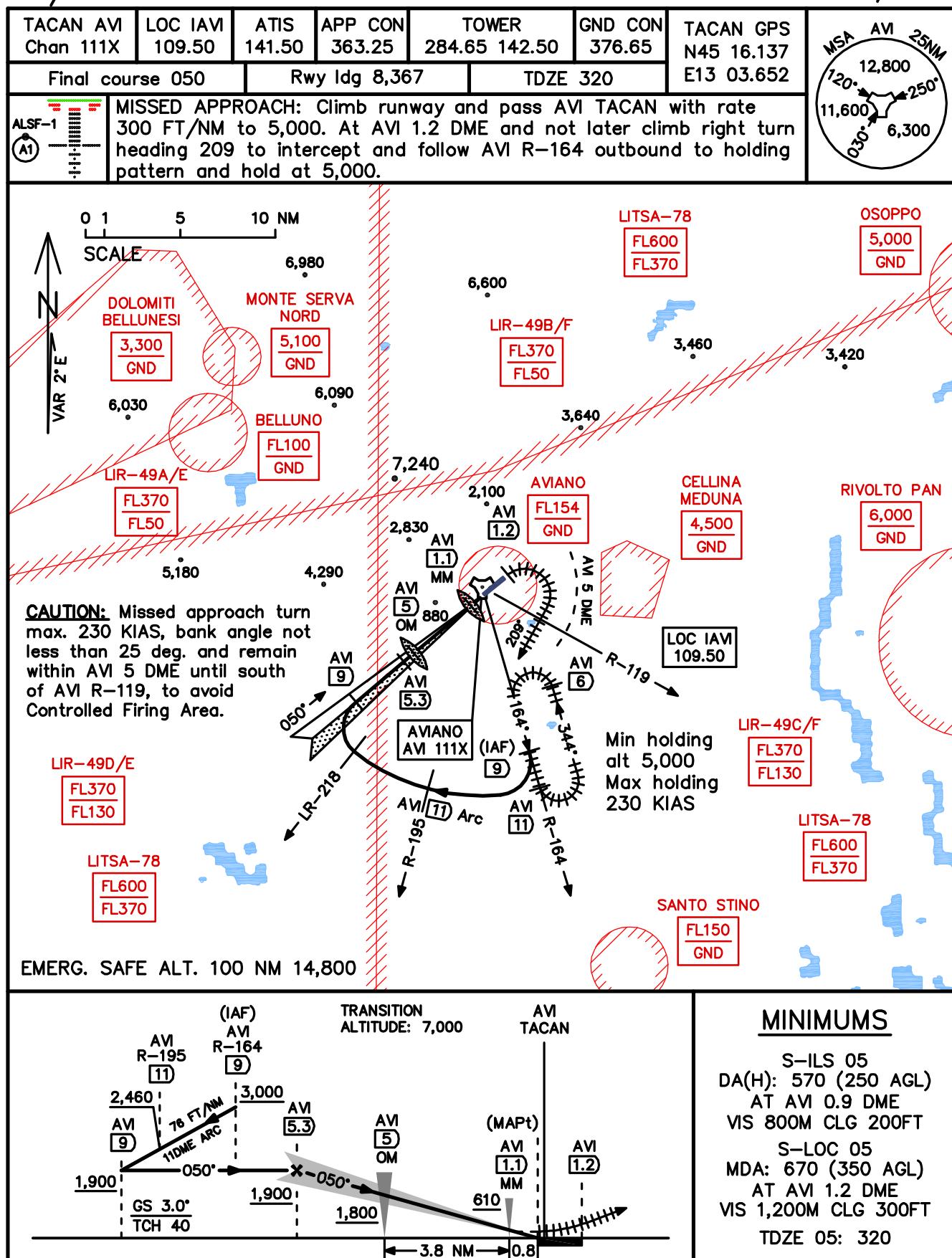
**CHI 8B:** Climb on track 230 to intercept AVI R-220 outbound. At AVI R-220/5 DME climb left turn (300 KIAS, bank 30 deg.) to intercept AVI R-196 outbound. Cross AVI R-196/14 DME at FL90 or above and continue outbound to CHI VORTAC.

**RIV 2B:** Climb on track 230. At AVI 2 DME climb left turn (300 KIAS, bank 30 deg.) on track 068 and cross AVI R-116 at 5,000 or above. At AVI 12.4 DME climb right turn to intercept AVI R-093 outbound. Cross AVI R-093/15.4 DME at FL74 or above and continue outbound to RIV TACAN.

**VIC 6B:** Climb on track 230 to intercept AVI R-220 outbound. At AVI R-220/10 DME climb right turn (300 KIAS, bank 30 deg.) on track 285. Cross AVI R-244 at 5,000 or above and turn left to intercept AVI R-247 outbound to VIC VORTAC.

# ILS/DME RWY 05

AVIANO (LIPA)  
AVIANO, ITALY

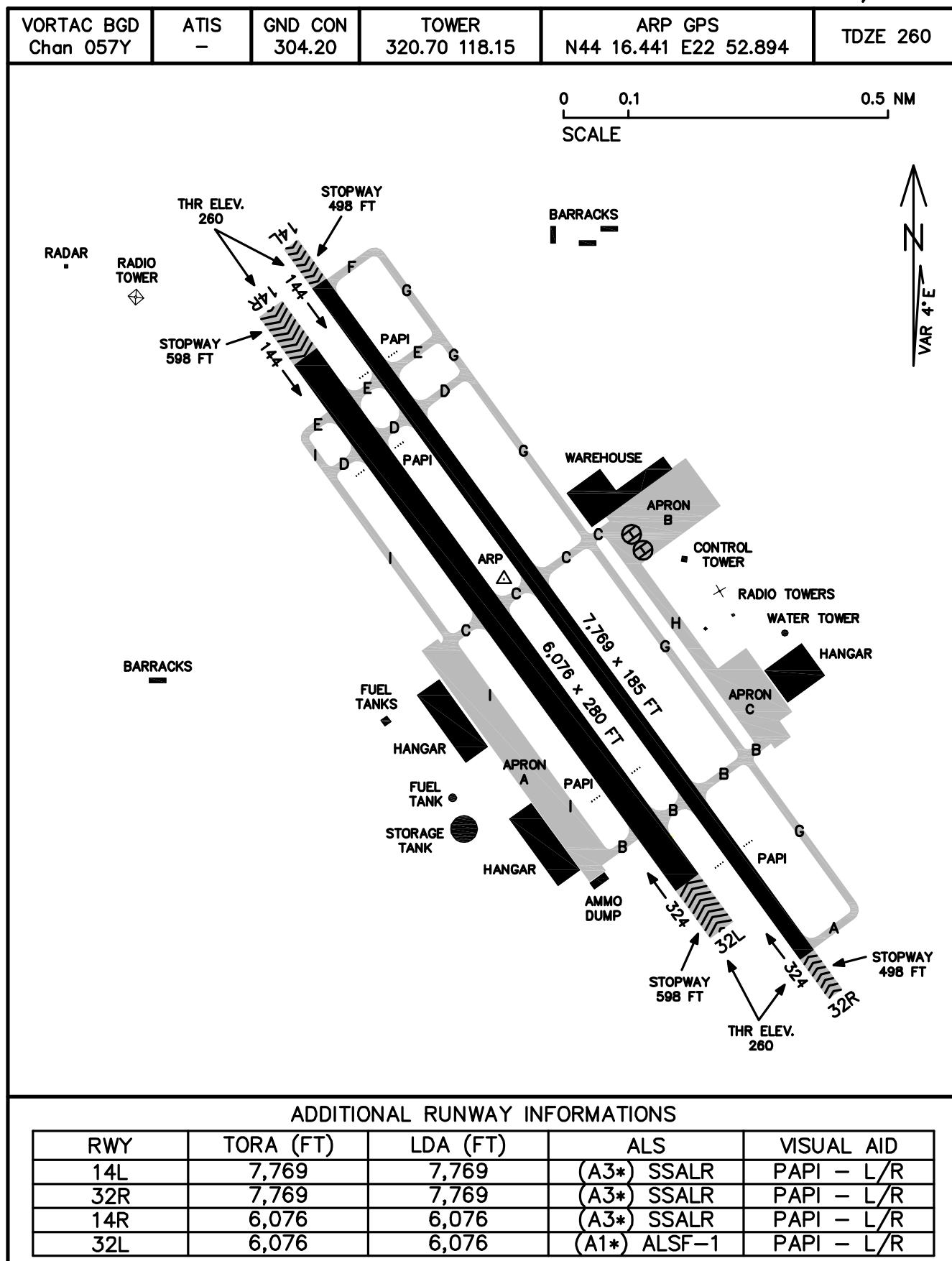


FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# AIRPORT DIAGRAM

BATAJNICA (LYBT)  
BELGRADE, SERBIA



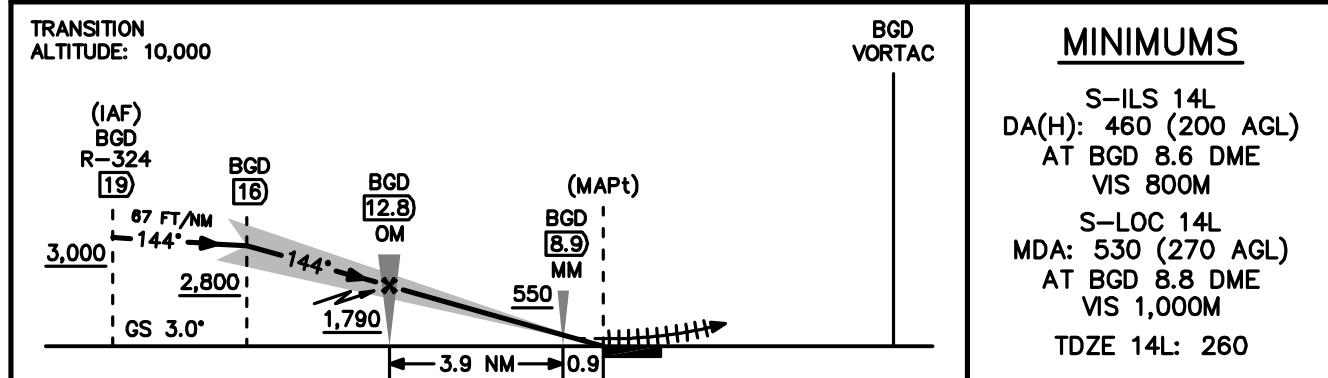
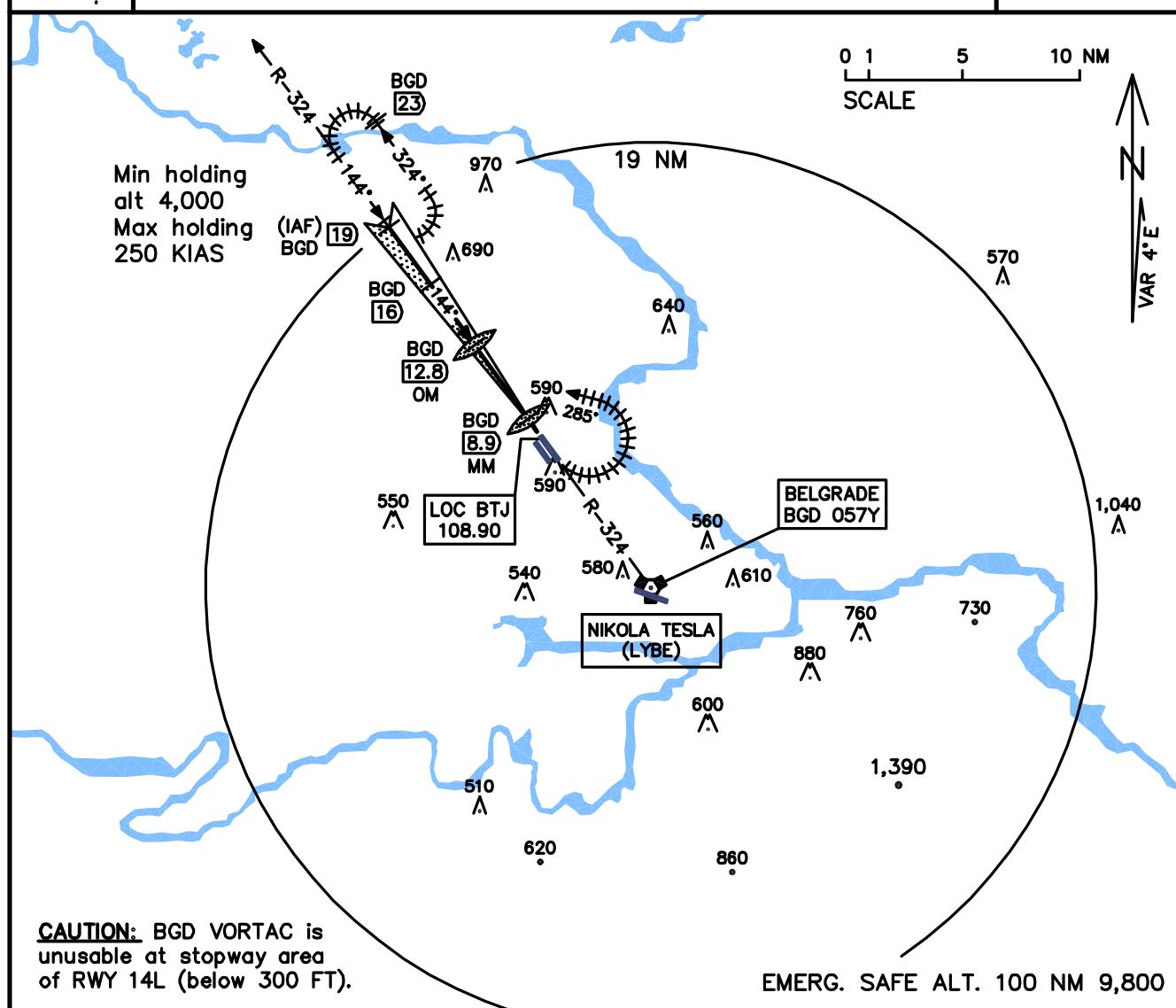
FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 14L

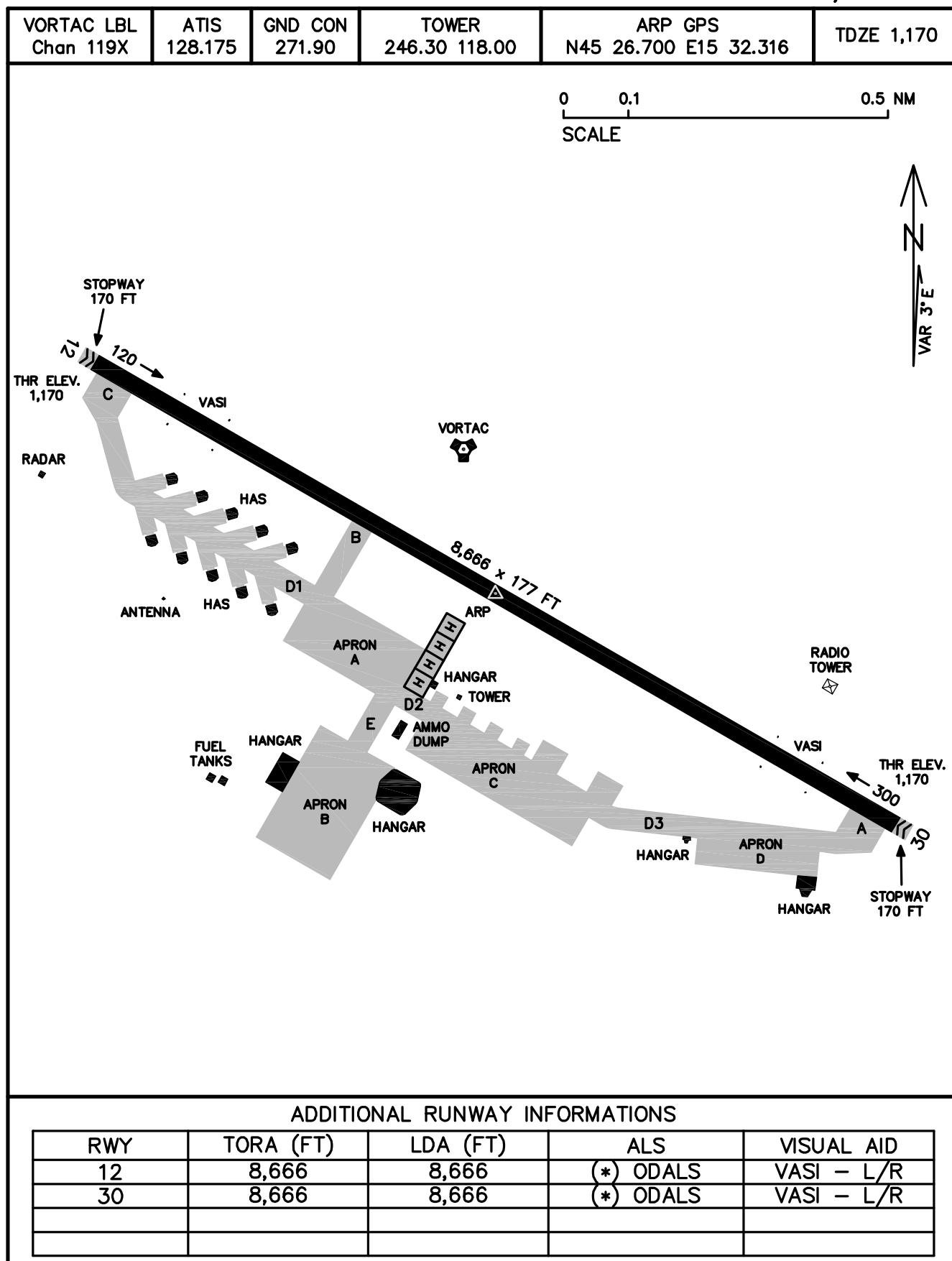
BATAJNICA (LYBT)  
BELGRADE, SERBIA

VORTAC BGD Chan 057Y	LOC BTJ 108.90	ATIS -	APP CON 377.30	TOWER 320.70 118.15	GND CON 304.20	VORTAC GPS N44 10.398 E22 57.851	MSA BGD 25NM 3,300
Final course 144	Rwy Idg 7,769			TDZE 260			
SSALR 	MISSED APPROACH: Climb runway and before the end of it (due to obstacle 590 FT) climb left turn heading 285 to intercept BGD R-324 outbound to holding pattern and hold at 4,000.						



# AIRPORT DIAGRAM

BRNIK (LJLJ)  
LJUBLJANA, SLOVENIA



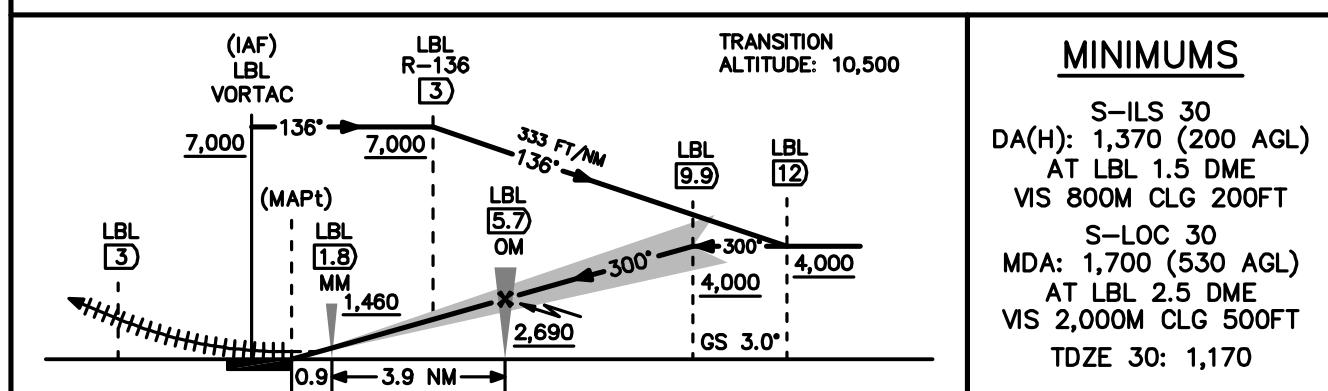
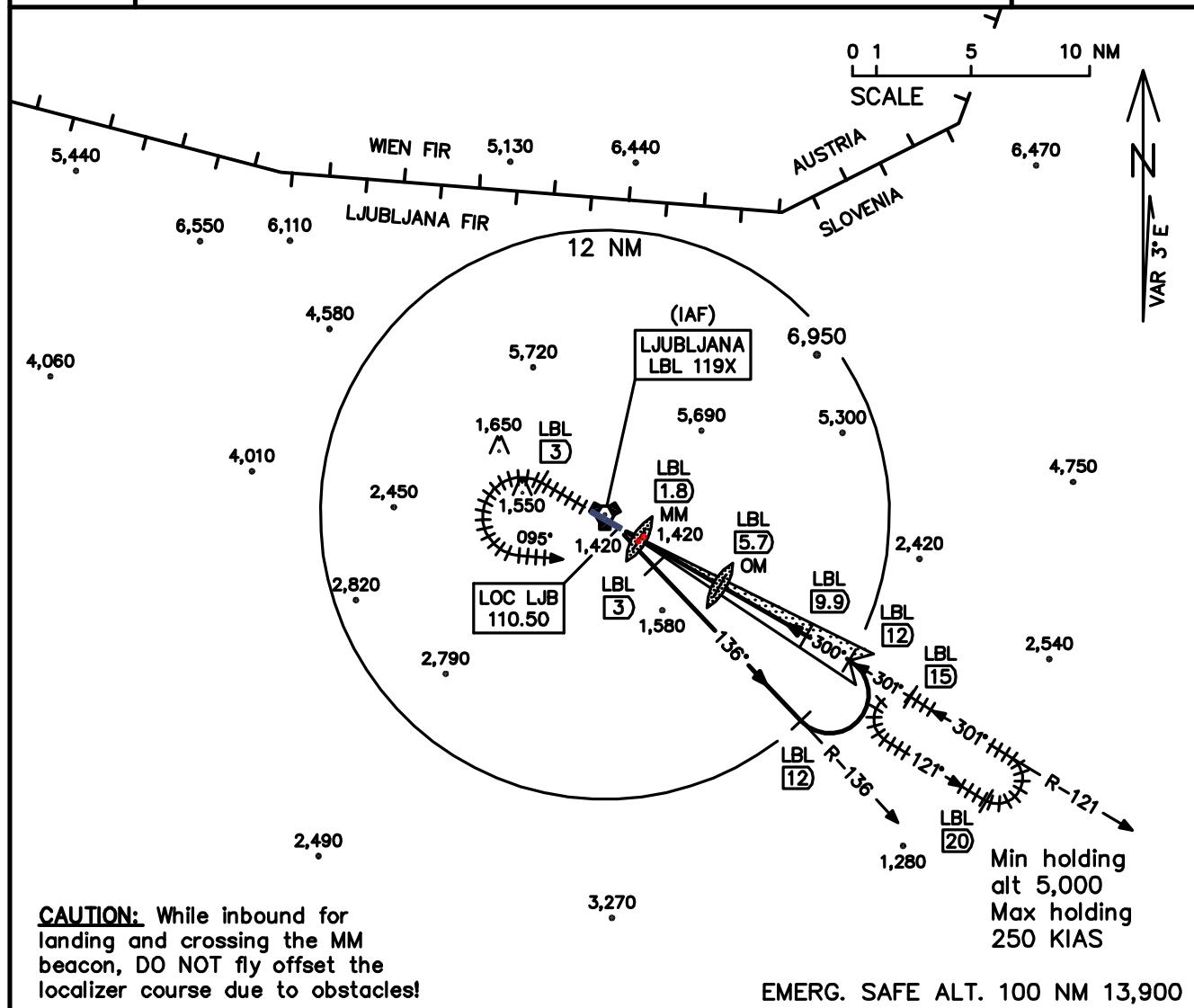
FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

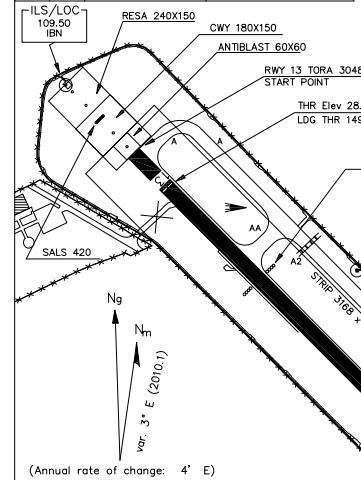
# ILS/DME RWY 30

BRNIK (LJLJ)  
LJUBLJANA, SLOVENIA

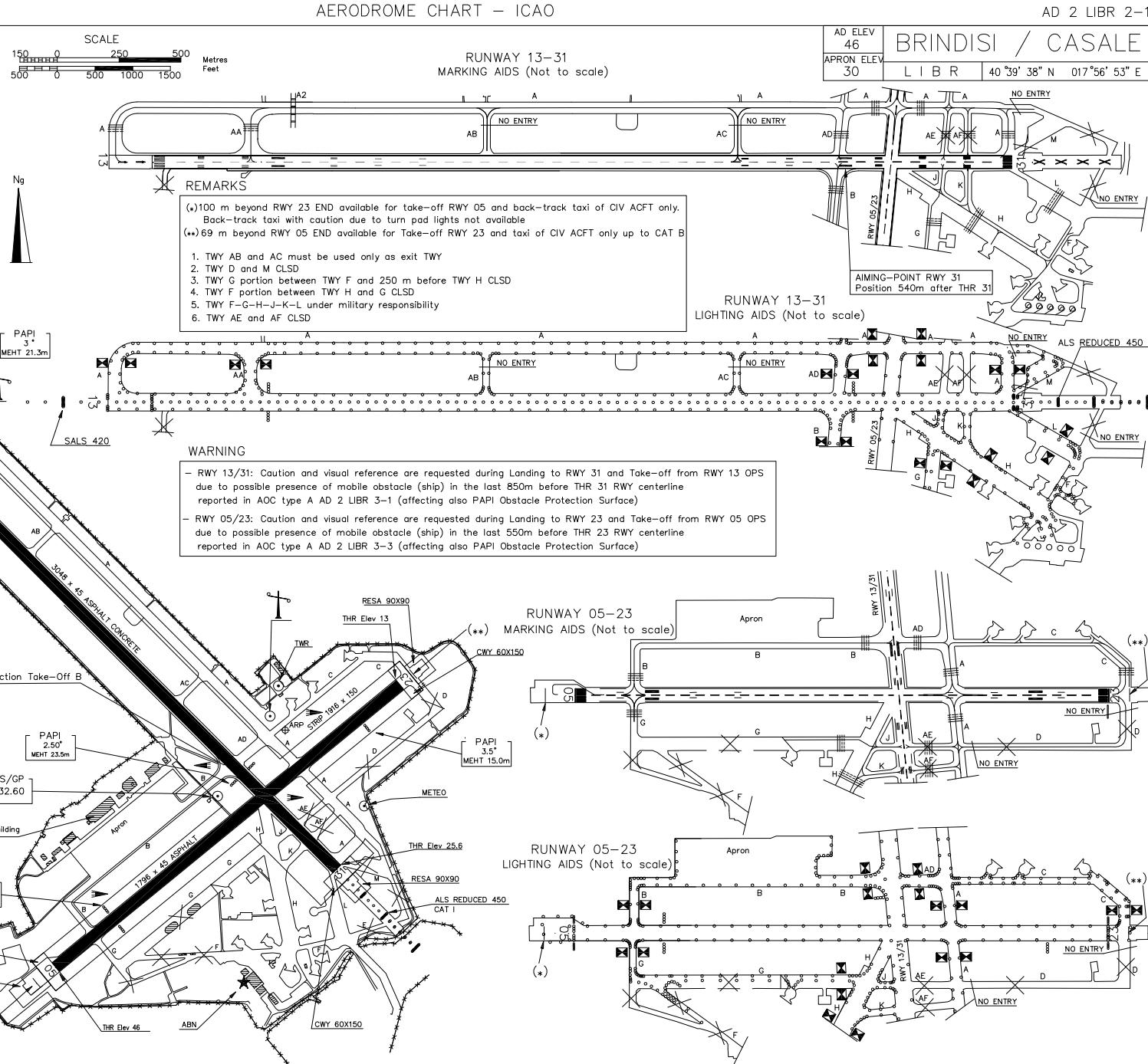
VORTAC LBL Chan 119X	LOC LJB 110.50	ATIS 128.175	APP CON 236.00	TOWER 246.30 118.00	GND CON 271.90	VORTAC GPS N45 26.914 E15 32.285	MSA LBL 25NM 10,500 090° - 270° 8,000
Final course 300		Rwy Idg 8,666		TDZE 1,170			
ODALS	MISSSED APPROACH: Climb runway and pass LBL VORTAC. At LBL 3 DME climb left turn heading 095 to intercept LBL R-121 outbound to holding pattern and hold at 5,000.						



Bearings are magnetic Distances in metres Elevations in feet AMSL Coordinates WGS84		TWR 118.100 122.100
RWY	QFU	THR
05	50°	BEARING STRENGTH
23	230°	PCN 58/F/A/X/T
13	134°	40° 39'08.36"N 017° 56'12.38"E
31	314°	40° 39'43.75"N 017° 57'13.13"E
		40° 40'28.76"N 017° 55'37.16"E
		40° 39'19.96"N 017° 57'01.23"E



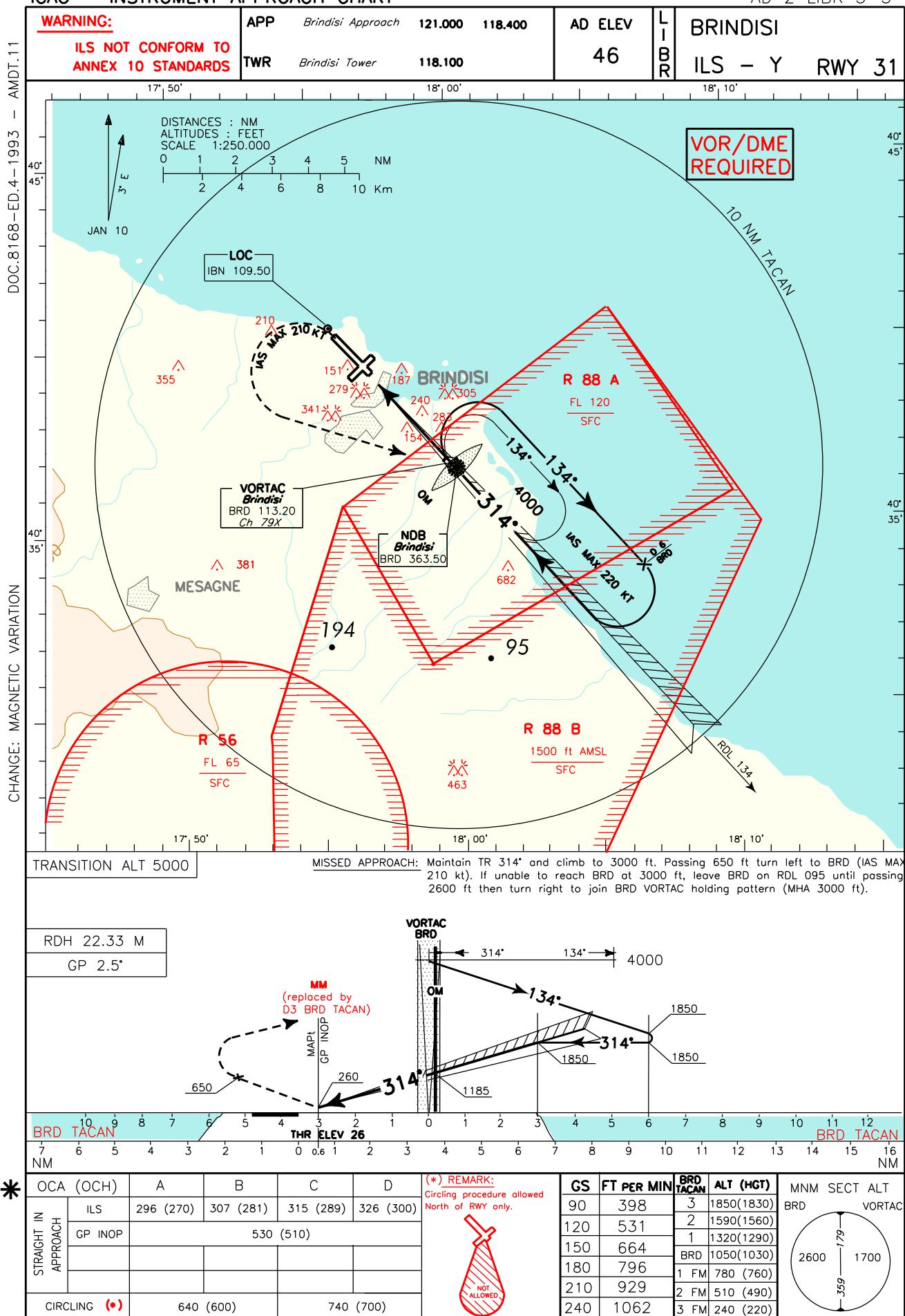
IDENT	WIDTH	SURFACE	BEARING STRENGTH
A	23	ASPH	PCN 79/F/A/X/T
B	23	ASPH	PCN 102/F/A/X/T
C	17	ASPH	LCN 65
D	22	ASPH	LCN 18
F	17	ASPH	LCN 65
G	22	ASPH	LCN 40
H	45	ASPH	PCN 78/F/A/X/T
J	22	CONCRETE	PCN 71/R/A/X/T
K	22	CONCRETE	PCN 101/R/A/X/T
L	60	CONC	LCN 65
M	60	CONC	LCN 65
AA	31	ASPH	PCN 68/F/A/X/T
AB	23	ASPH	PCN 76/F/A/X/T
AC	22	ASPH	PCN 43/F/A/X/T
AD	26	ASPH	PCN 85/F/A/X/T
AE	22	CONCRETE	PCN 46/R/A/X/T
AF	22	ASPH	LCN 65



CHANGE: Magnetic variation

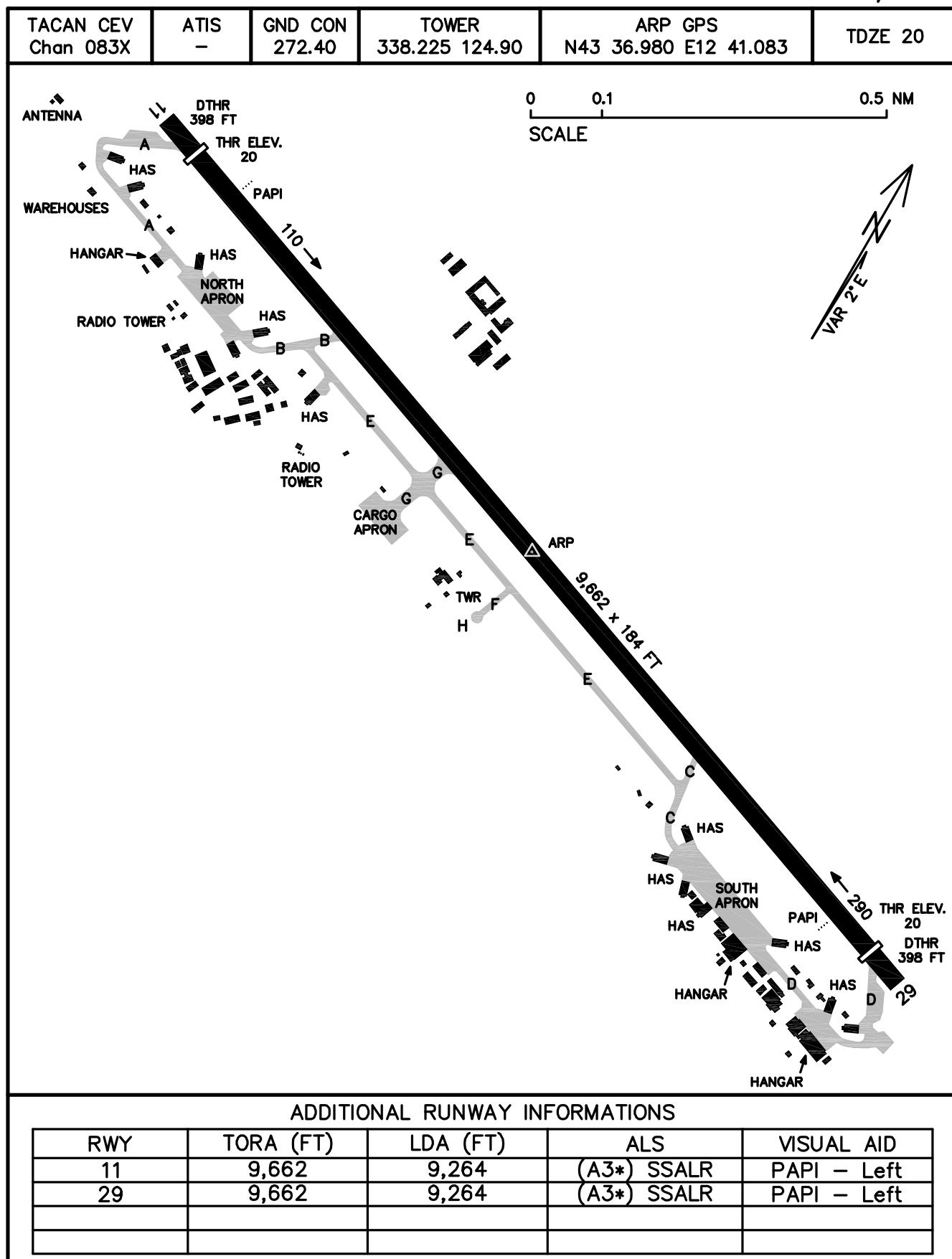
## ICAO - INSTRUMENT APPROACH CHART

AD 2 LIBR 5-5



# AIRPORT DIAGRAM

CERVIA (LIPC)  
CERVIA, ITALY

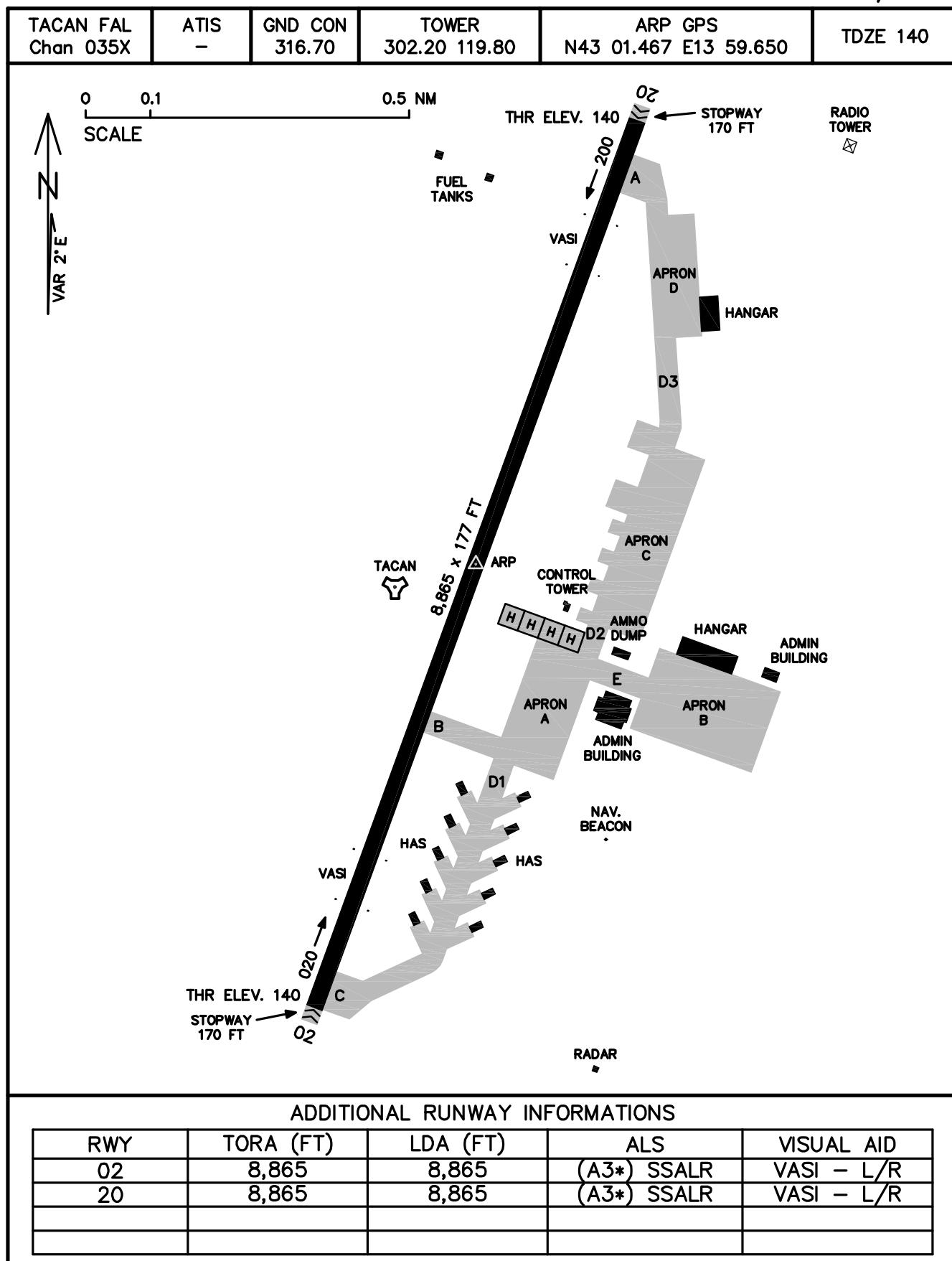


FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# AIRPORT DIAGRAM

FALCONARA (LIPY)  
ANCONA, ITALY

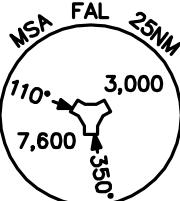


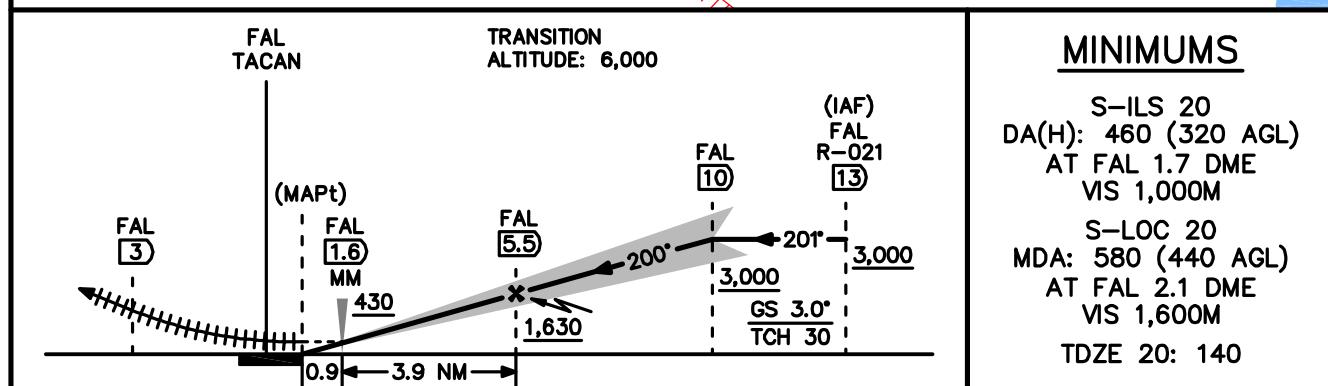
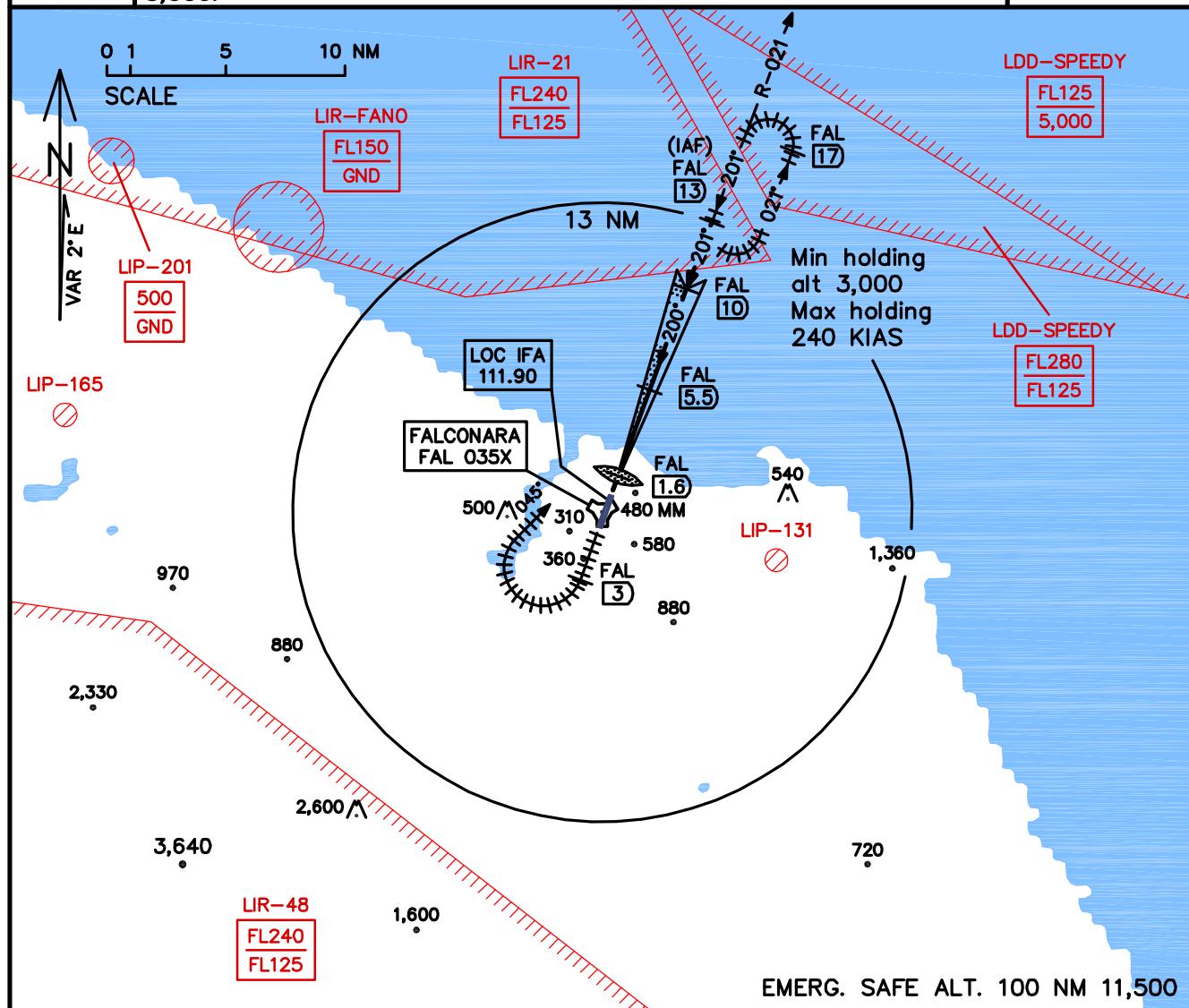
FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 20

FALCONARA (LIPY)  
ANCONA, ITALY

TACAN FAL Chan 035X	LOC IFA 111.90	ATIS -	APP CON 338.60	TOWER 302.20 119.80	GND CON 316.70	TACAN GPS N43 01.425 E13 59.475	
Final course 200		Rwy Idg 8,865			TDZE 140		
SSALR 	MISSSED APPROACH: Climb runway with min. rate 300 FT/NM and pass FAL TACAN. At FAL 3 DME climb right turn heading 045 to intercept FAL R-021 outbound to holding pattern and hold at 3,000.						

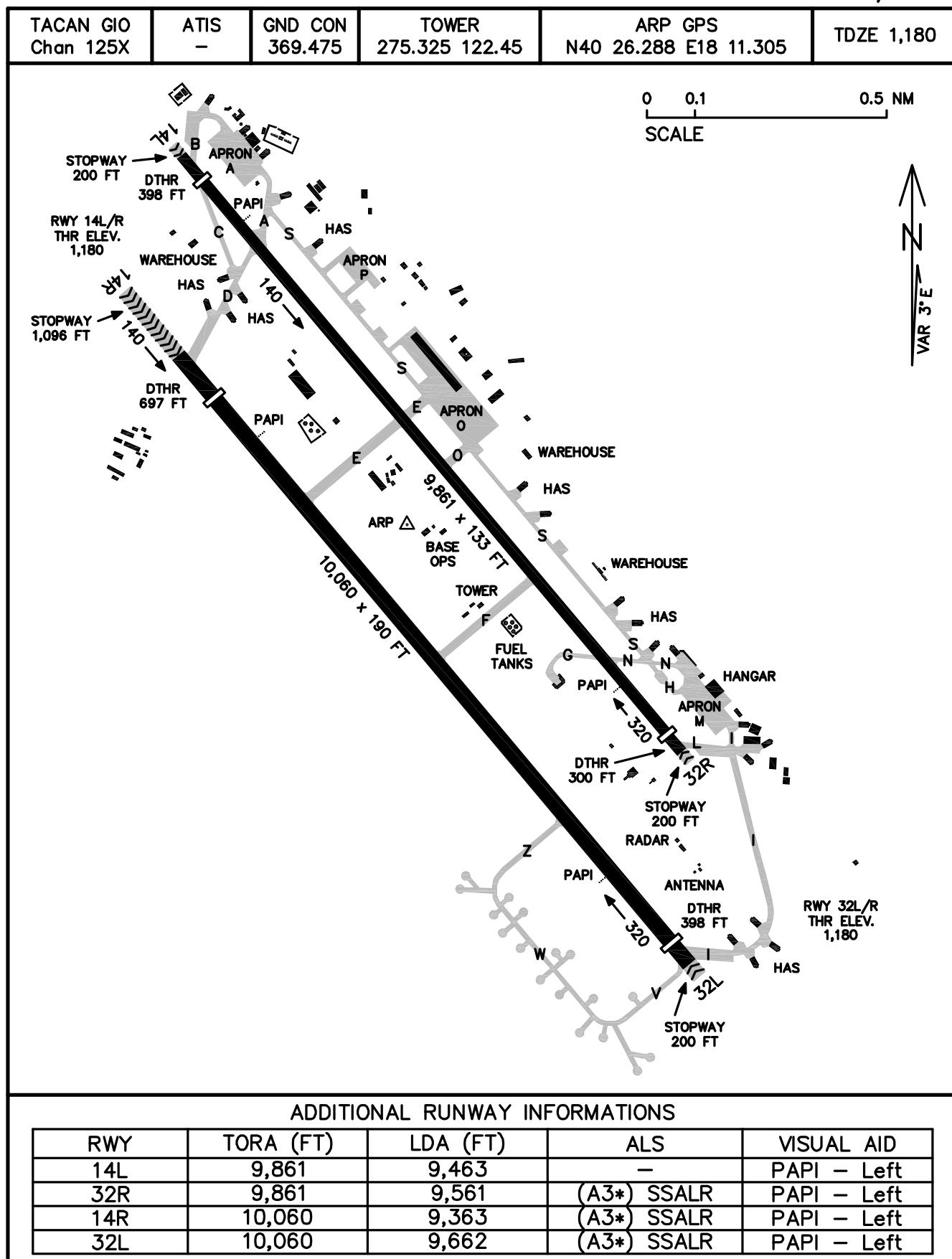


FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# AIRPORT DIAGRAM

GIOIA DEL COLLE (LIBV)  
GIOIA DEL COLLE, ITALY



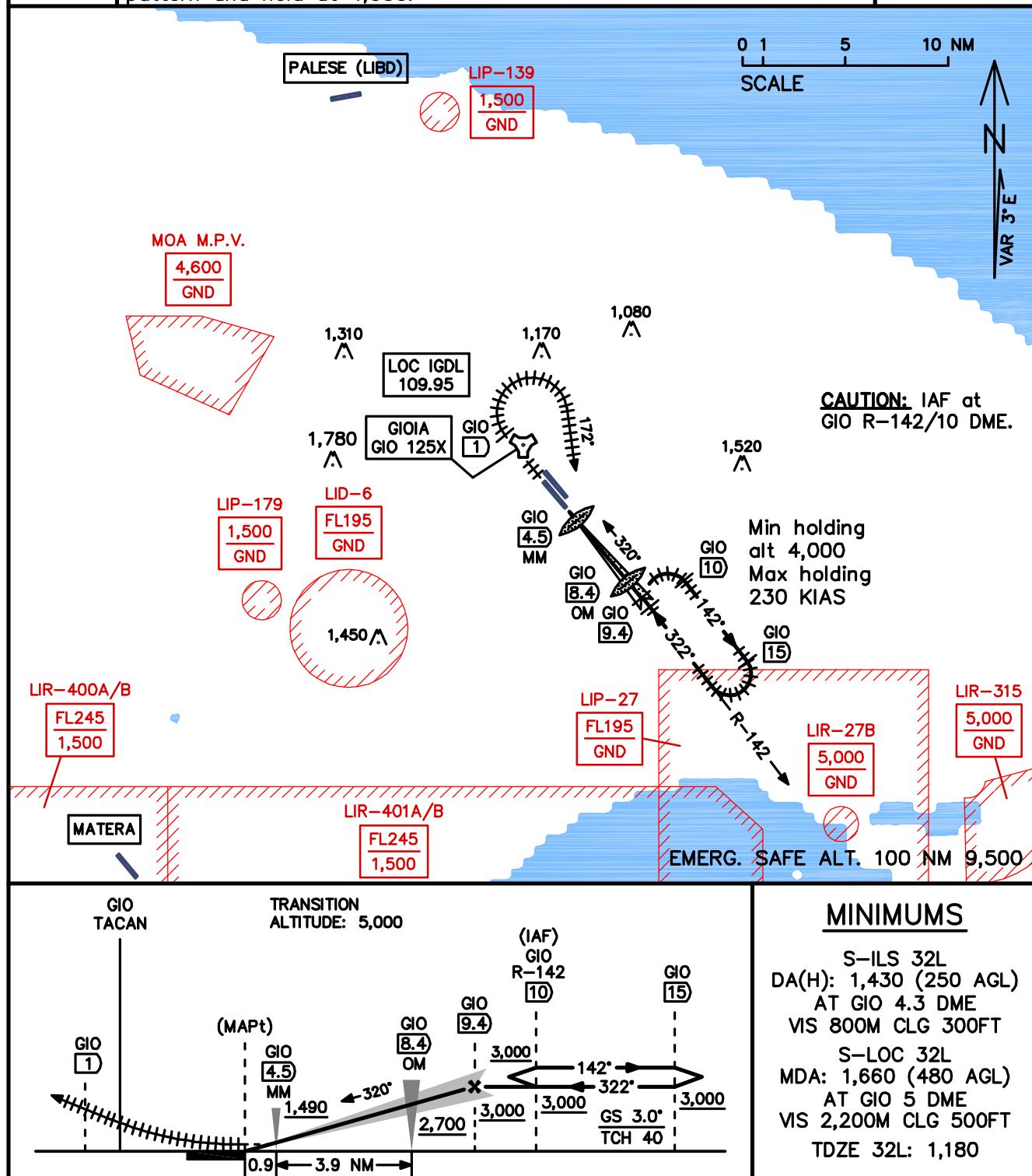
FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 32L

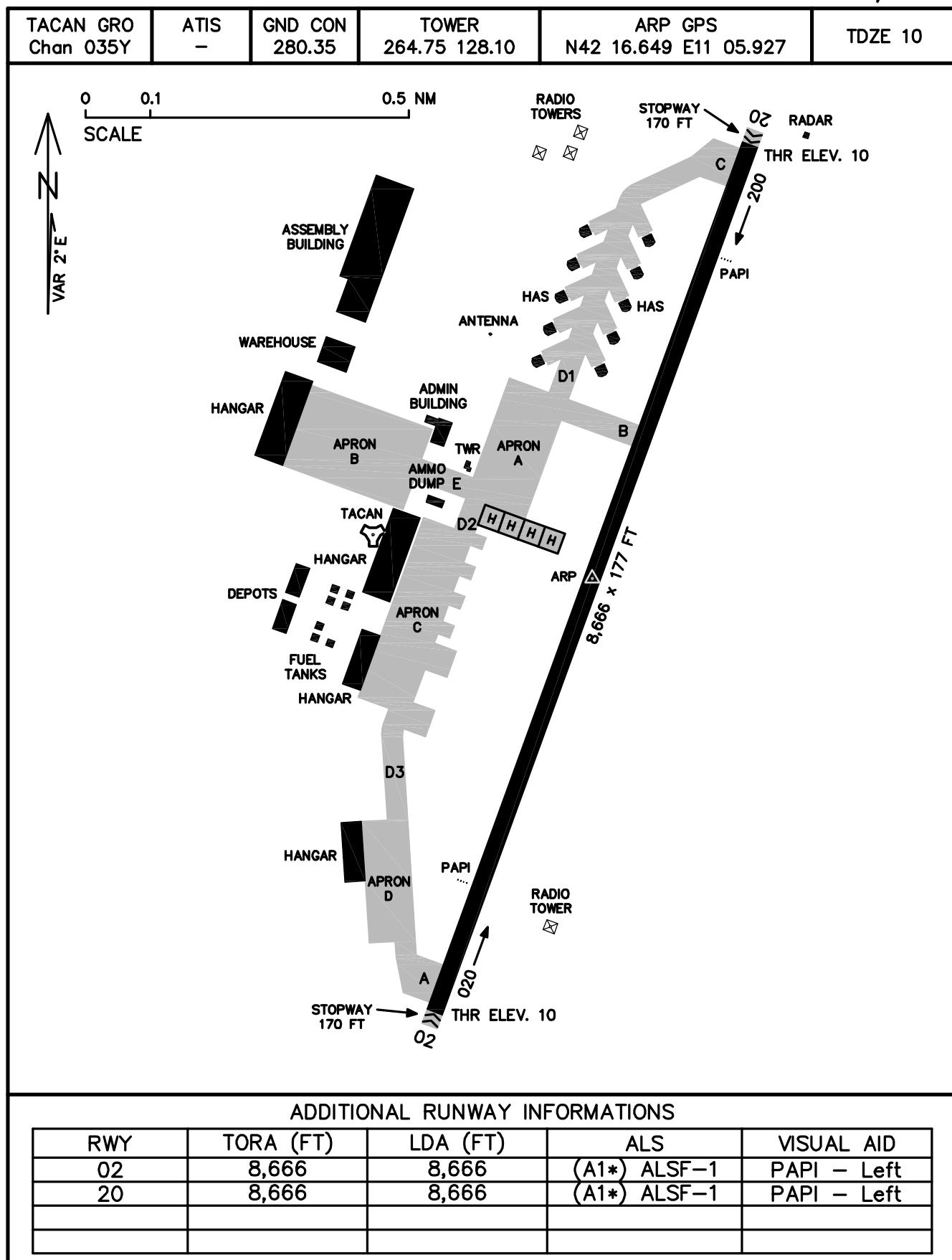
GIOIA DEL COLLE (LIBV)  
GIOIA DEL COLLE, ITALY

TACAN GIO Chan 125X	LOC IGDL 109.95	ATIS -	APP CON 379.525	TOWER 275.325 122.45	GND CON 369.475	TACAN GPS N40 28.393 E18 09.613	
Final course 320		Rwy Idg 9,662			TDZE 1,180		
SSALR 	MISSSED APPROACH: Climb runway with rate 265 FT/NM to 4,000 on track 320 and pass GIO TACAN. At GIO 1 DME climb right turn on track 172 to intercept and follow GIO R-142 outbound to holding pattern and hold at 4,000.						



# AIRPORT DIAGRAM

GROSSETO (LIRS)  
GROSSETO, ITALY



FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

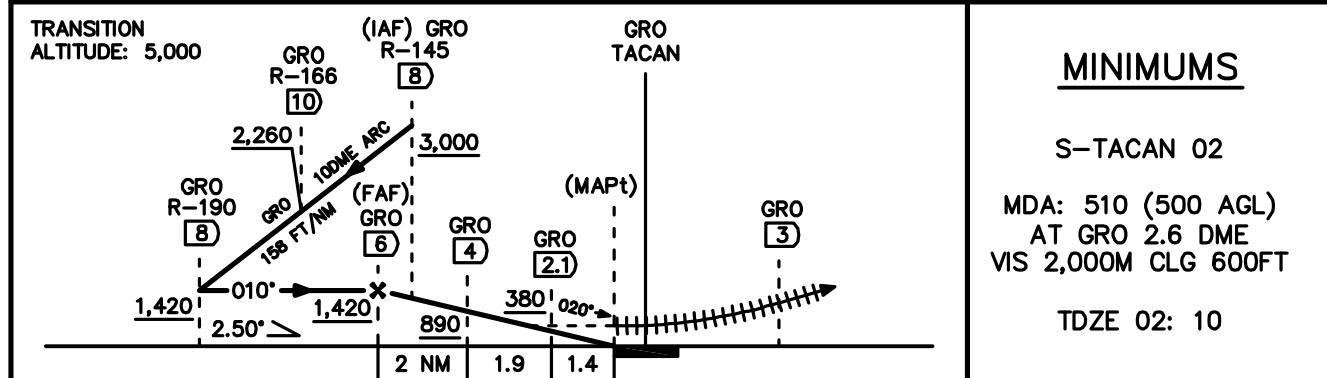
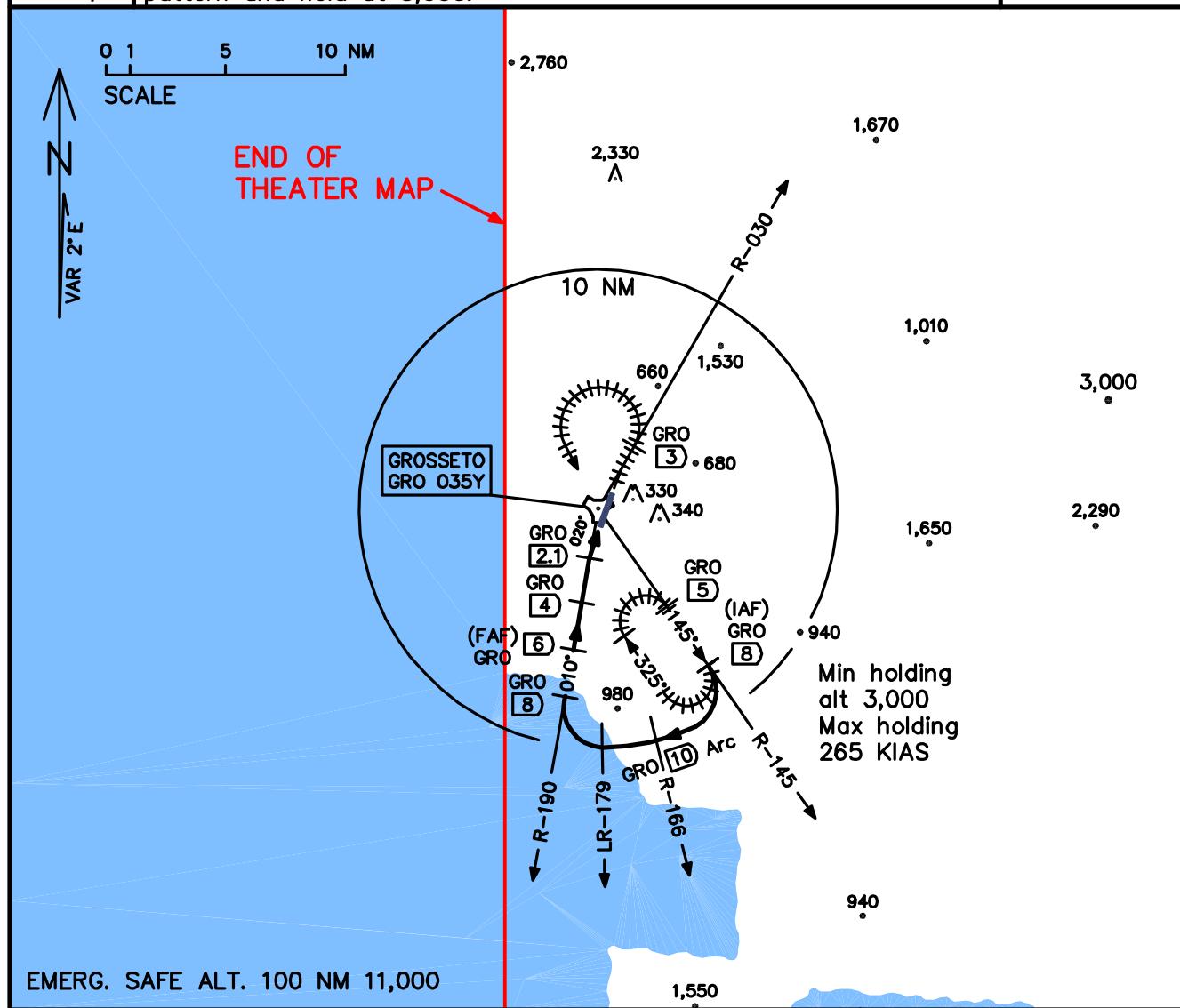
Created 6 June 2019 by Nikos Efstratiou

# TACAN RWY 02

GROSSETO (LIRS)  
GROSSETO, ITALY

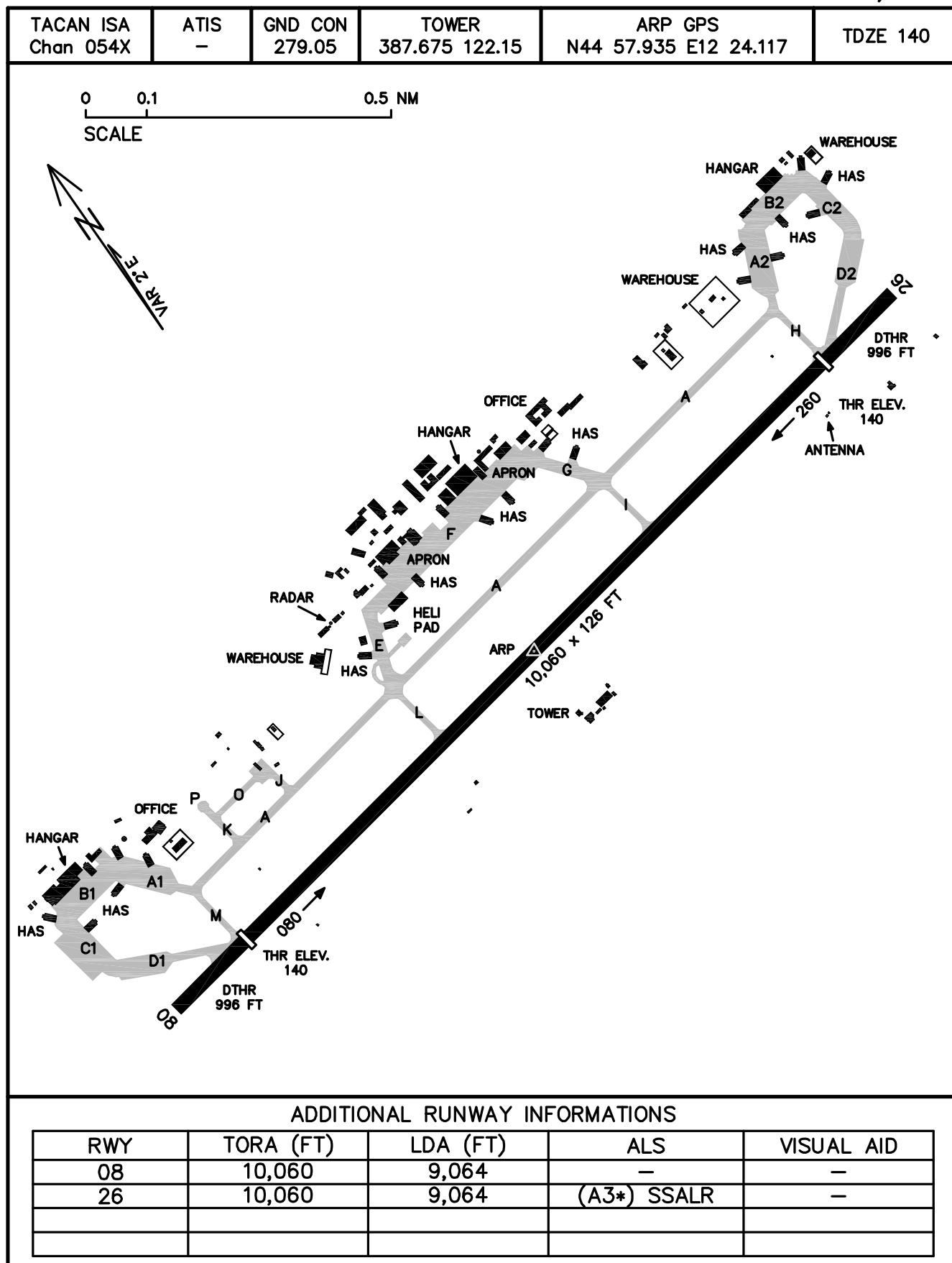
TACAN GRO Chan 035Y	LOC -	ATIS -	APP CON 275.30	TOWER 264.75 128.10	GND CON 280.35	TACAN GPS N42 16.701 E11 05.462	MSA GRO 25NM 4,500 160ft 6,800 075° 3,400ft 5ft
Final course 020	Rwy Idg 8,666	TDZE 10					

ALSF-1 MISSED APPROACH: Climb runway and pass GRO TACAN to intercept GRO R-030 outbound. At GRO R-030/3 DME climb left turn direct to GRO TACAN. Then proceed via GRO R-145 outbound to holding pattern and hold at 3,000.



# AIRPORT DIAGRAM

ISTRANA (LIPS)  
ISTRANA, ITALY

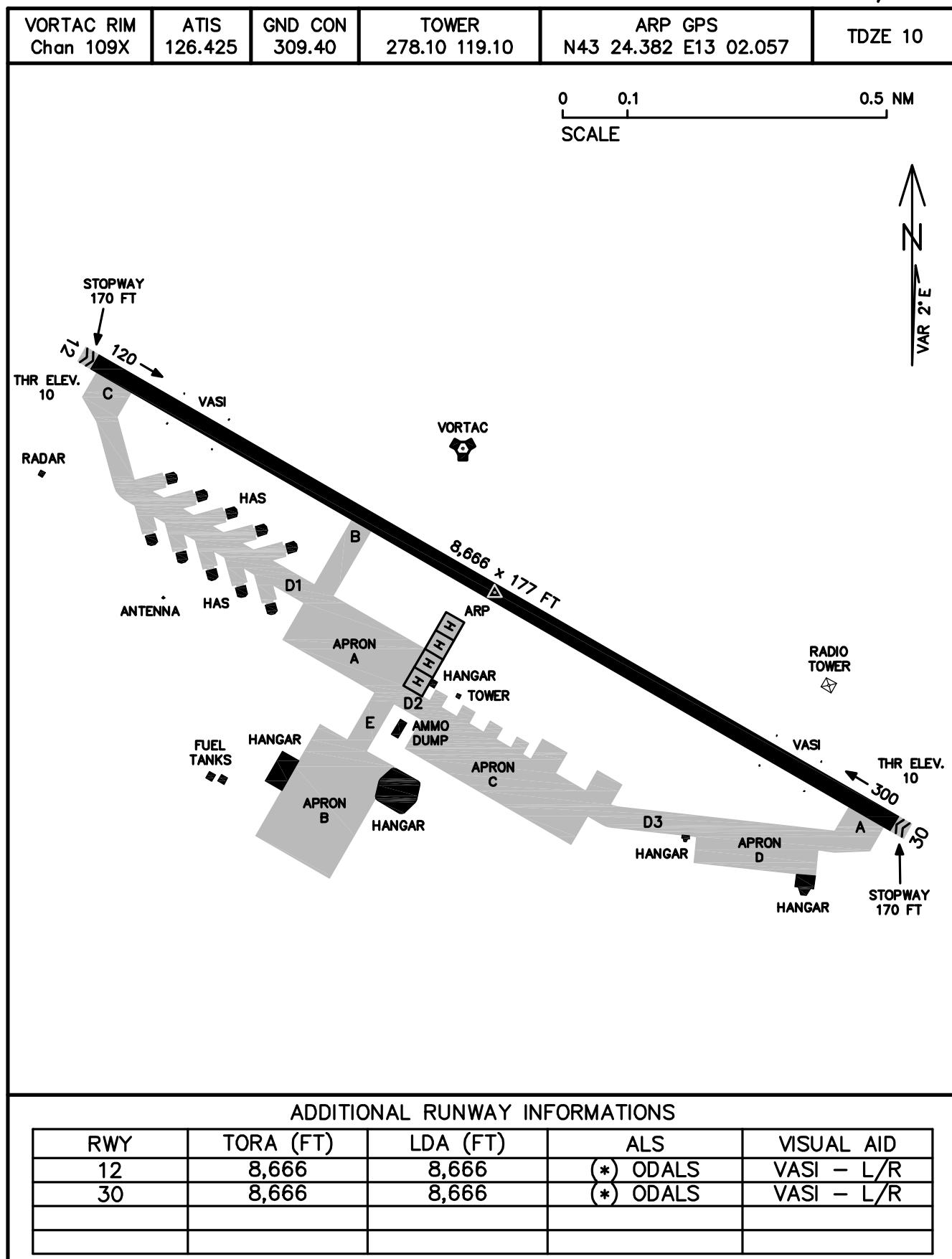


FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# AIRPORT DIAGRAM

MIRAMARE (LIPR)  
RIMINI, ITALY



FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

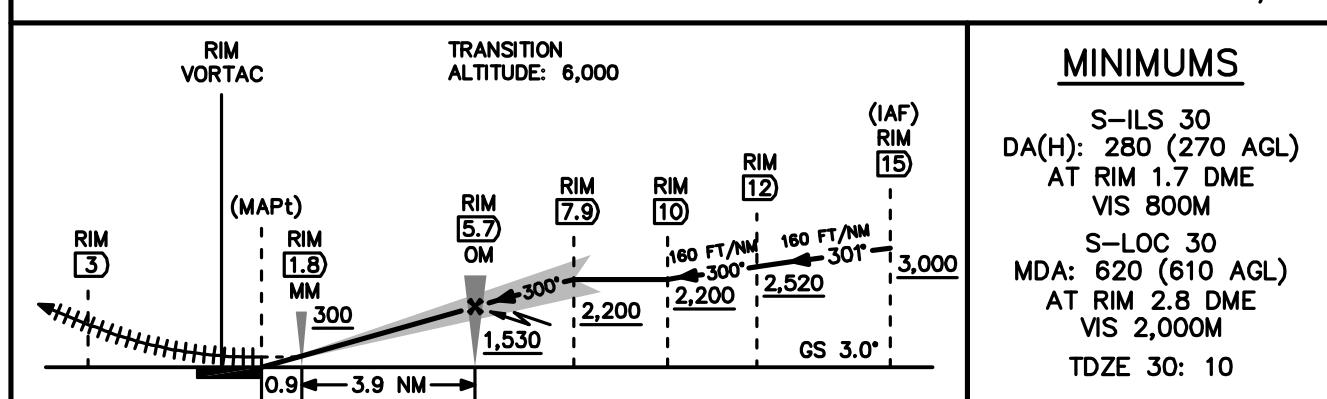
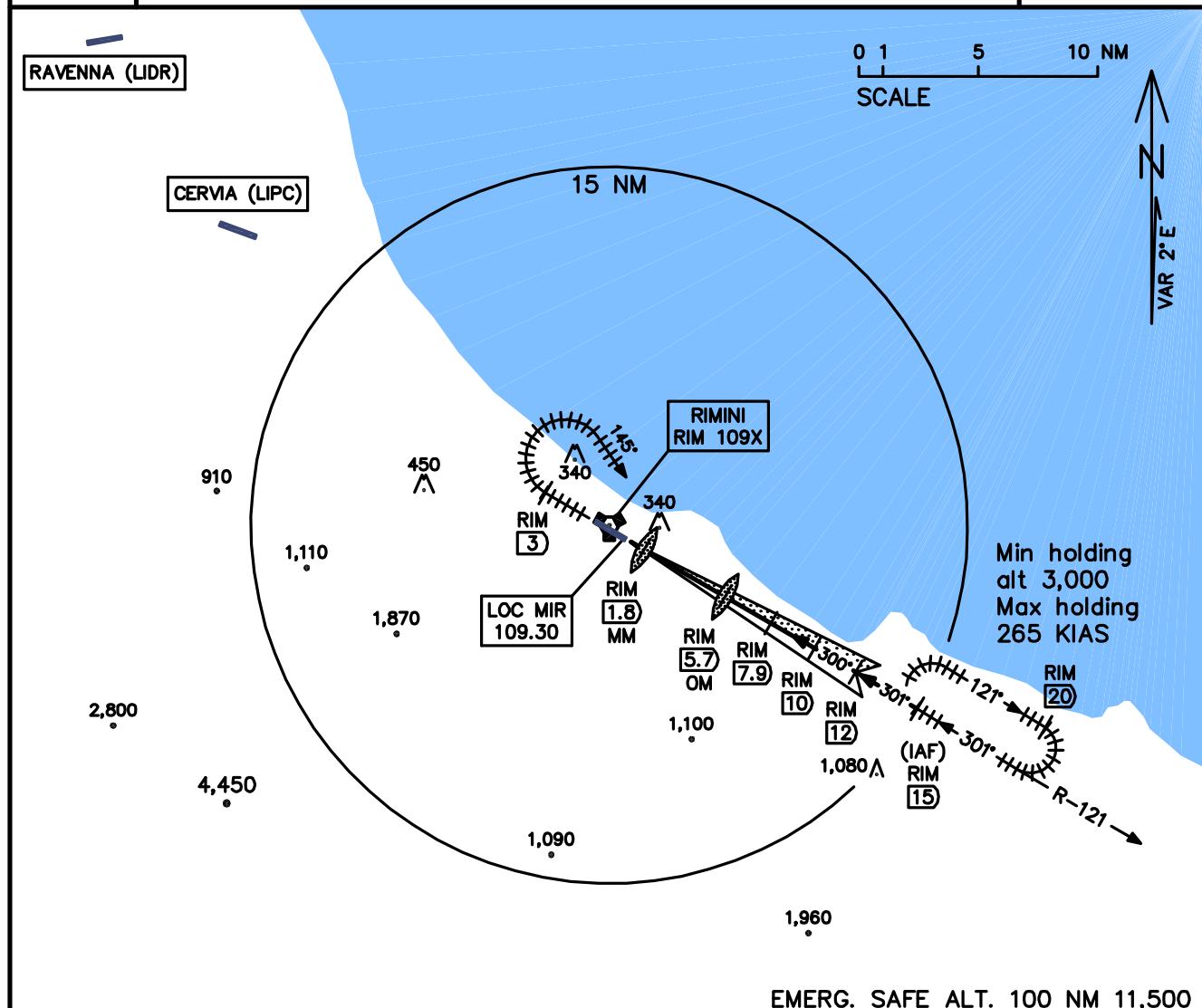
Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 30

MIRAMARE (LIPR)  
RIMINI, ITALY

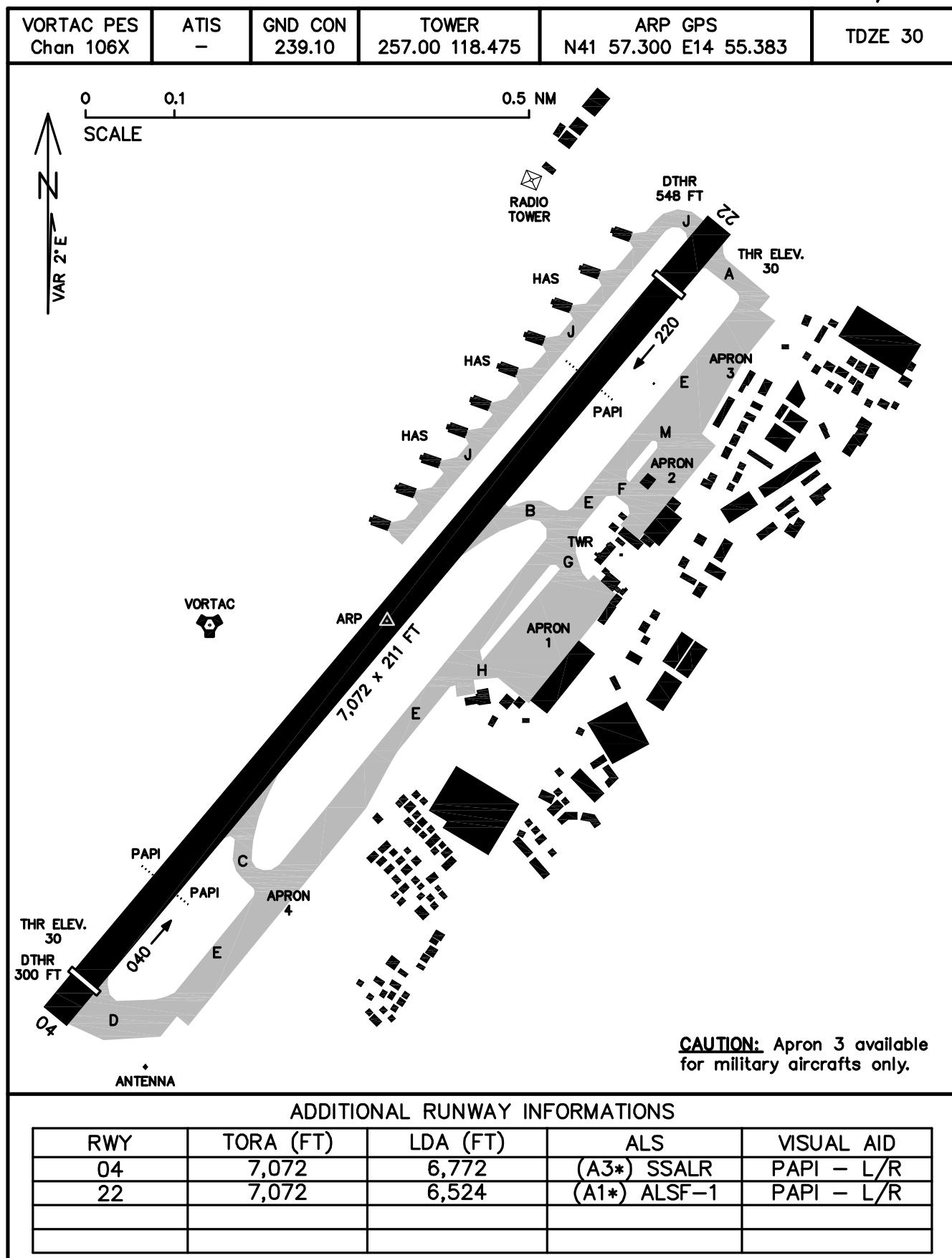
VORTAC RIM Chan 109X	LOC MIR 109.30	ATIS 126.425	APP CON 305.30	TOWER 278.10 119.10	GND CON 309.40	VORTAC GPS N43 24.596	
Final course 300	Rwy Idg 8,666			TDZE 10		E13 02.017	

ODALS : MISSED APPROACH: Climb runway and pass RIM VORTAC. At RIM 3 DME climb right turn heading 145 to intercept RIM R-121 outbound to holding pattern and hold at 3,000.



# AIRPORT DIAGRAM

PESCARA (LIBP)  
PESCARA, ITALY

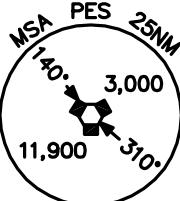


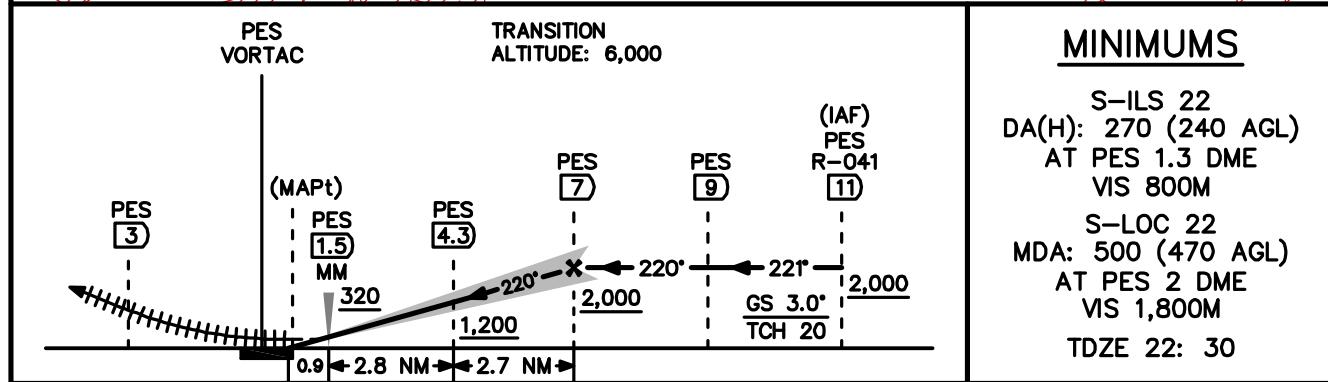
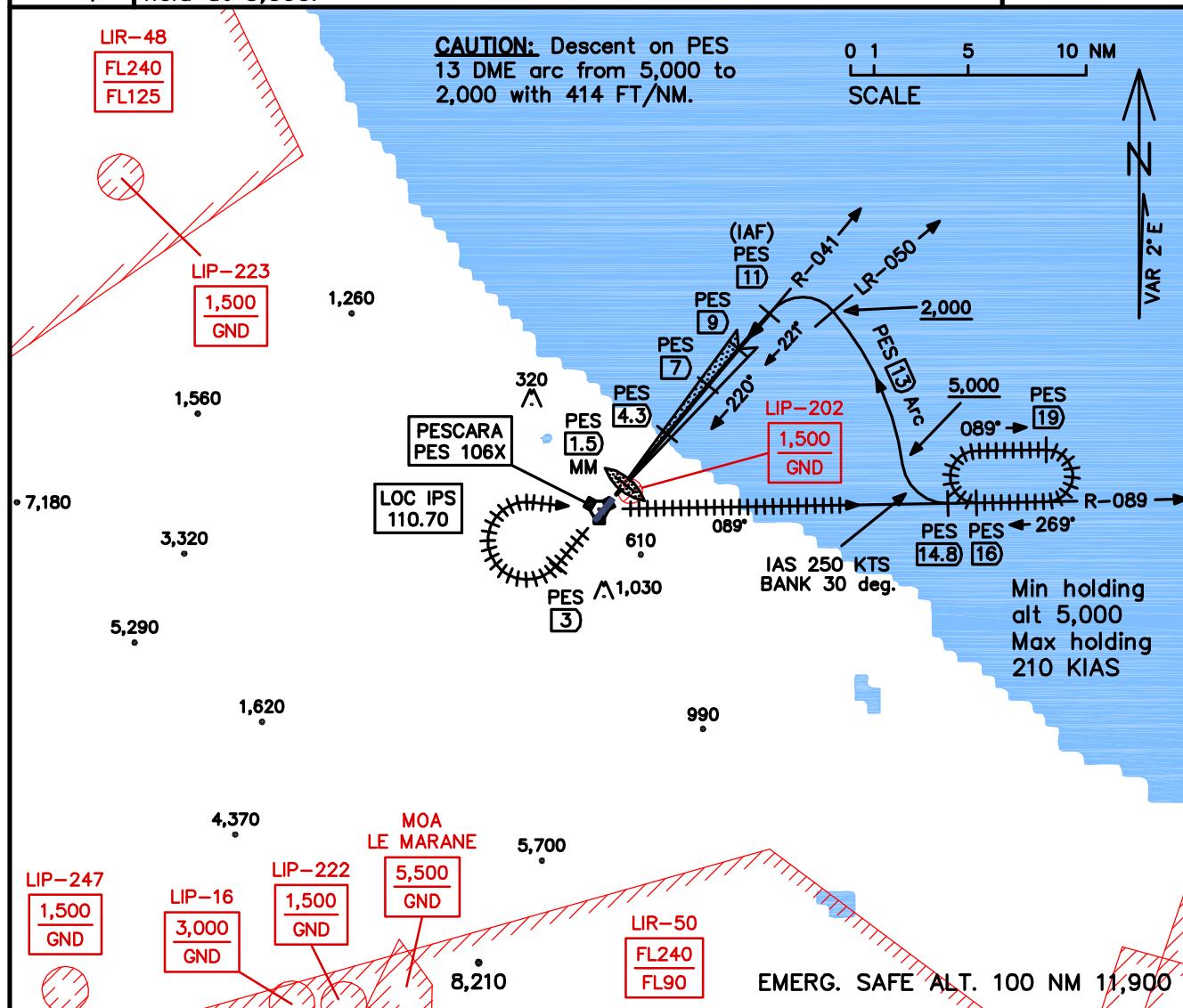
FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 22

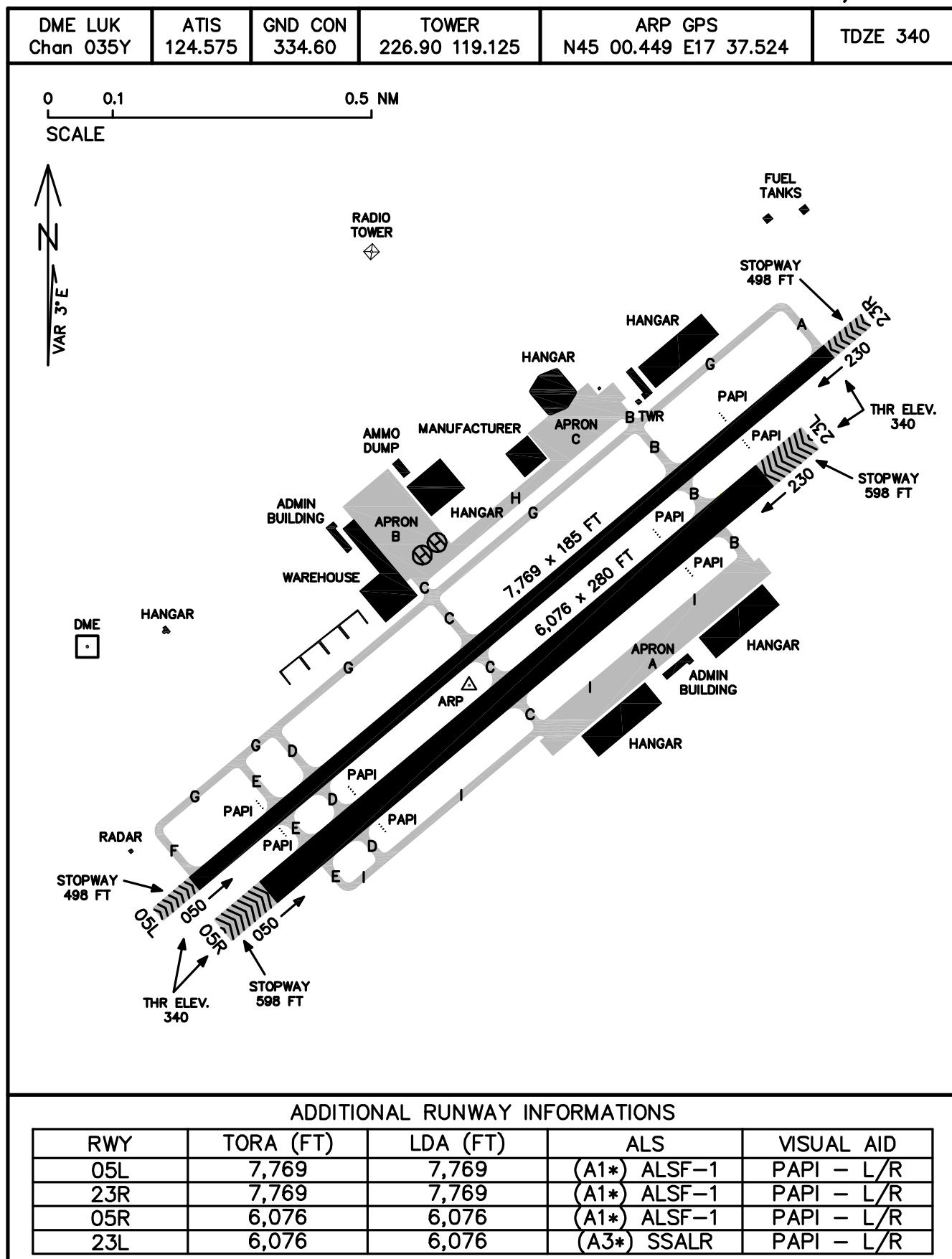
PESCARA (LIBP)  
PESCARA, ITALY

VORTAC PES Chan 106X	LOC IPS 110.70	ATIS -	APP CON 236.90	TOWER 257.00 118.475	GND CON 239.10	VORTAC GPS N41 57.303 E14 55.125	
Final course 220		Rwy Idg 6,524		TDZE 30			
ALSF-1 (A1)	MISSSED APPROACH: Climb runway to 5,000 on track 220 and pass PES VORTAC. At PES 3 DME climb right turn to PES VORTAC. Then intercept and follow PES R-089 outbound to holding pattern and hold at 5,000.						



# AIRPORT DIAGRAM

PLESO (LDZA)  
ZAGREB, CROATIA



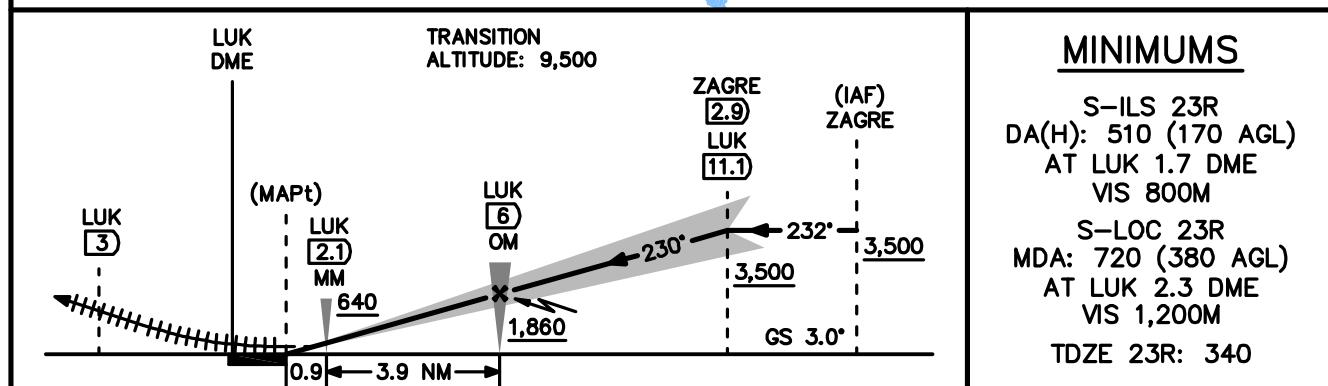
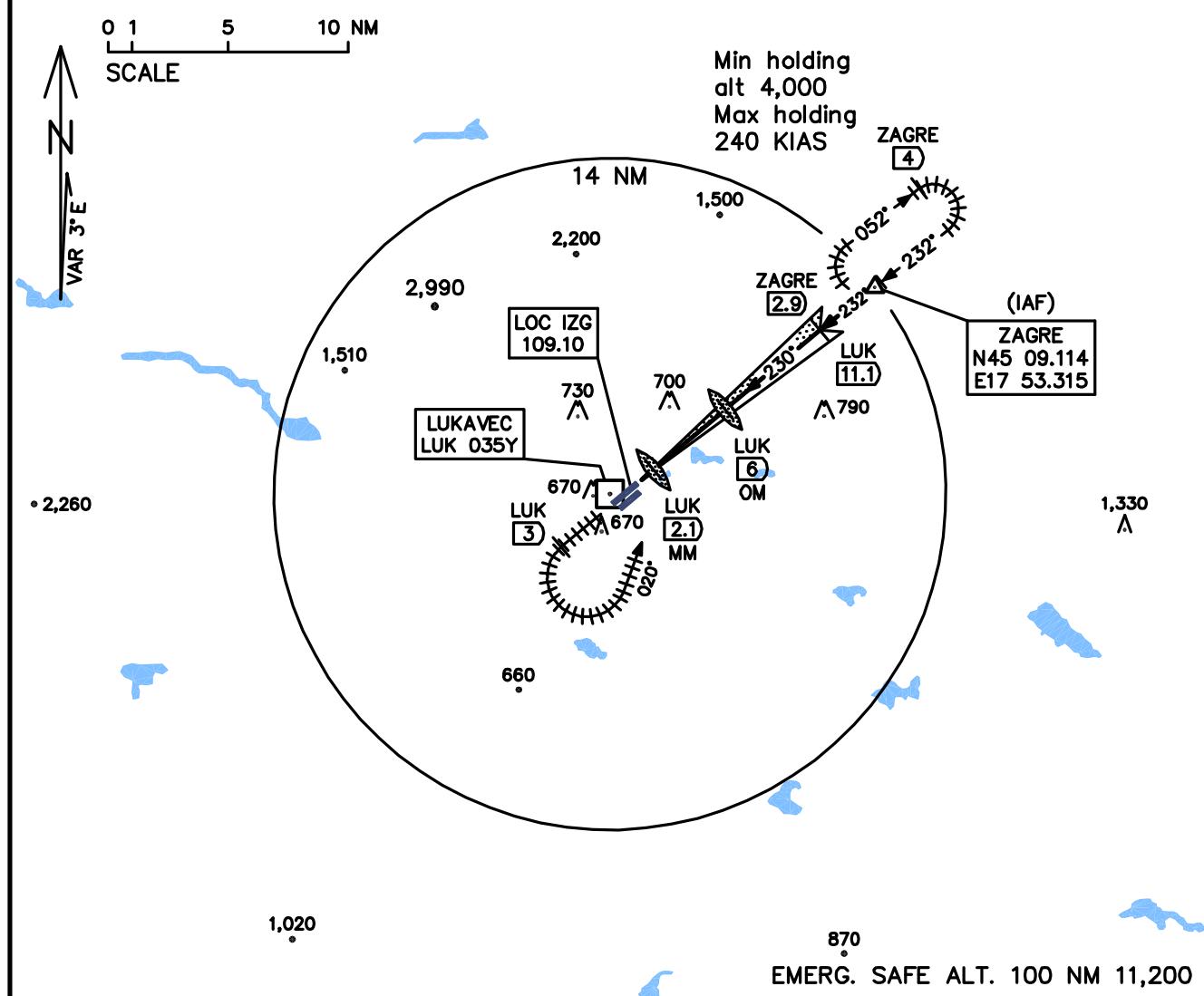
FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 23R

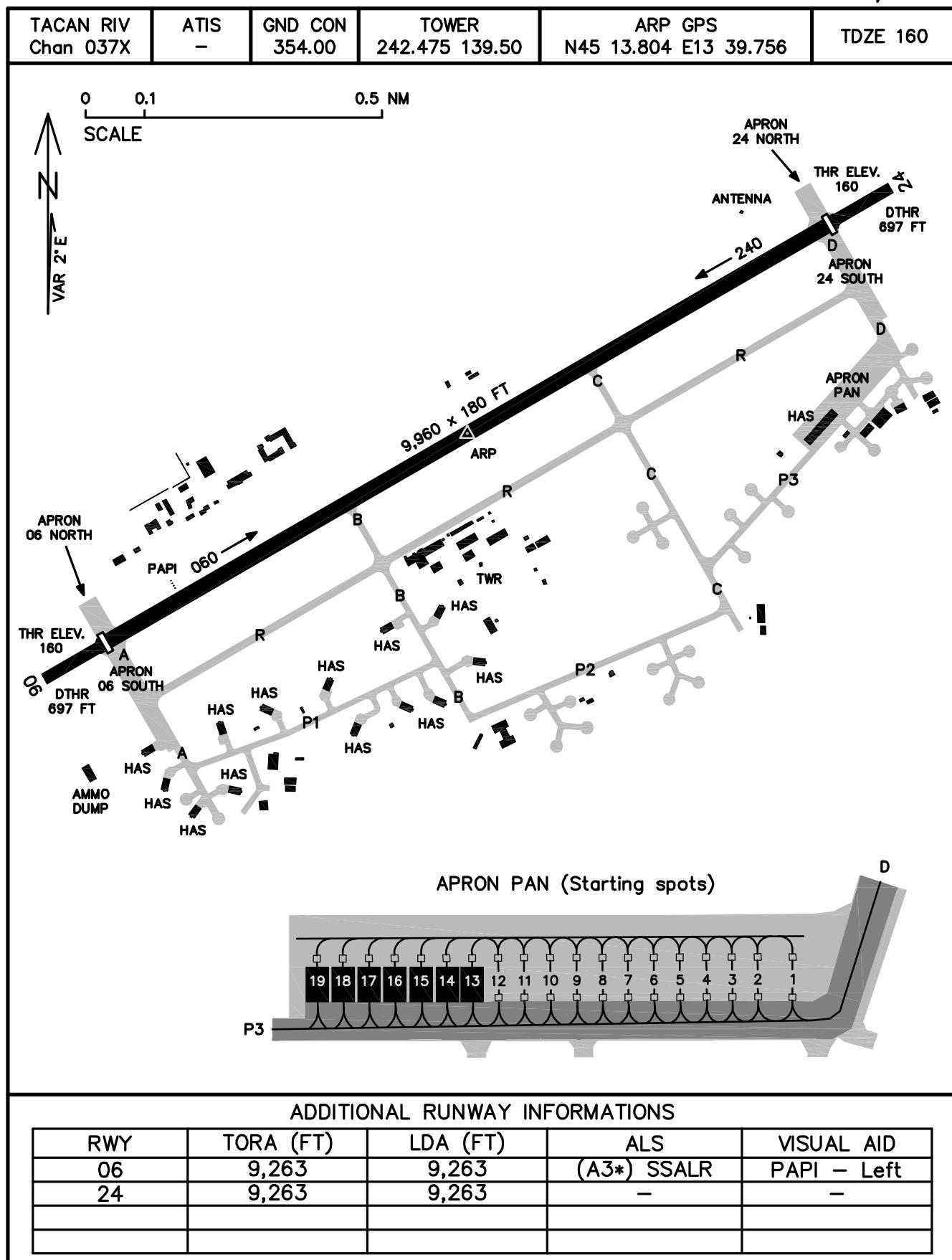
PLESO (LDZA)  
ZAGREB, CROATIA

DME LUK Chan 035Y	LOC IZG 109.10	ATIS 124.575	APP CON 238.10	TOWER 226.90 119.125	GND CON 334.60	DME GPS N45 00.510 E17 36.703
Final course 230	Rwy Idg 7,769			TDZE 340		
ALSF-1 (A1)	MISSSED APPROACH: Climb runway on track 230. At LUK 3 DME climb left turn on track 020 to intercept ZAGRE R-232 inbound to ZAGRE and hold at 4,000.					



# AIRPORT DIAGRAM

RIVOLTO (LIP)  
UDINE, ITALY



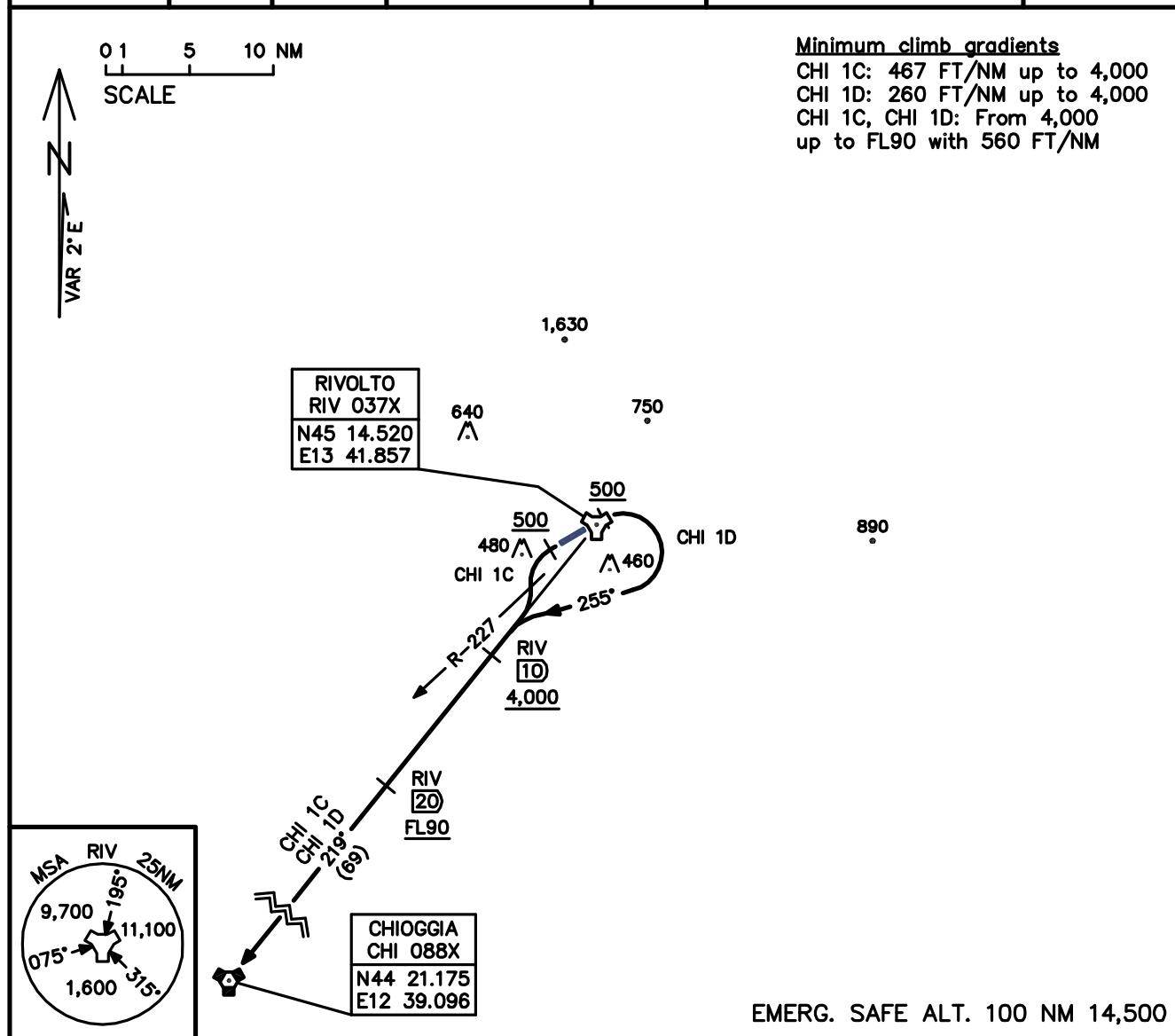
FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

CHI 1C,  
CHI 1D DEPARTURE

RIVOLTO (LIP)  
UDINE, ITALY

TACAN RIV Chan 037X	ATIS —	GND CON 354.00	TOWER 242.475 139.50	DEP CON 275.35	TACAN GPS N45 14.520 E13 41.857	TDZE 160
------------------------	-----------	-------------------	-------------------------	-------------------	------------------------------------	----------



T.A. 7,000

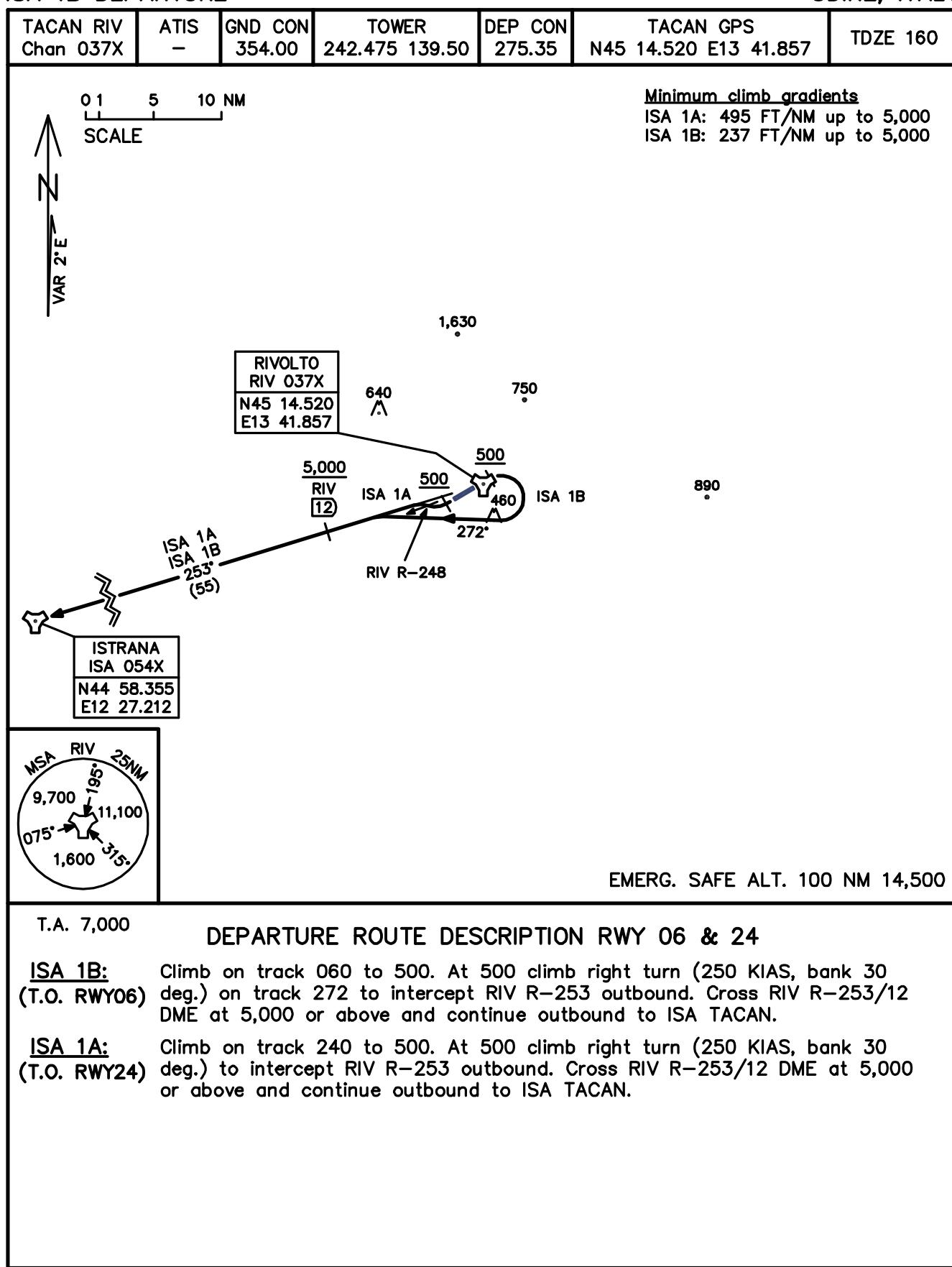
#### DEPARTURE ROUTE DESCRIPTION RWY 06 & 24

**CHI 1D:** (T.O. RWY06) Climb on track 060 to 500. At 500 climb right turn (300 KIAS, bank 30 deg.) on track 255 to intercept RIV R-219 outbound. Cross RIV R-219/10 DME at 4,000 or above and continue to cross RIV R-219/20 DME at FL90 or above. Then continue outbound on RIV R-219 to CHI VORTAC.

**CHI 1C:** (T.O. RWY24) Climb on track 240 to 500. At 500 climb left turn (300 KIAS, bank 30 deg.) to intercept RIV R-219 outbound. Cross RIV R-219/10 DME at 4,000 or above and continue to cross RIV R-219/20 DME at FL90 or above. Then continue outbound on RIV R-219 to CHI VORTAC.

ISA 1A,  
ISA 1B DEPARTURE

RIVOLTO (LIP)  
UDINE, ITALY

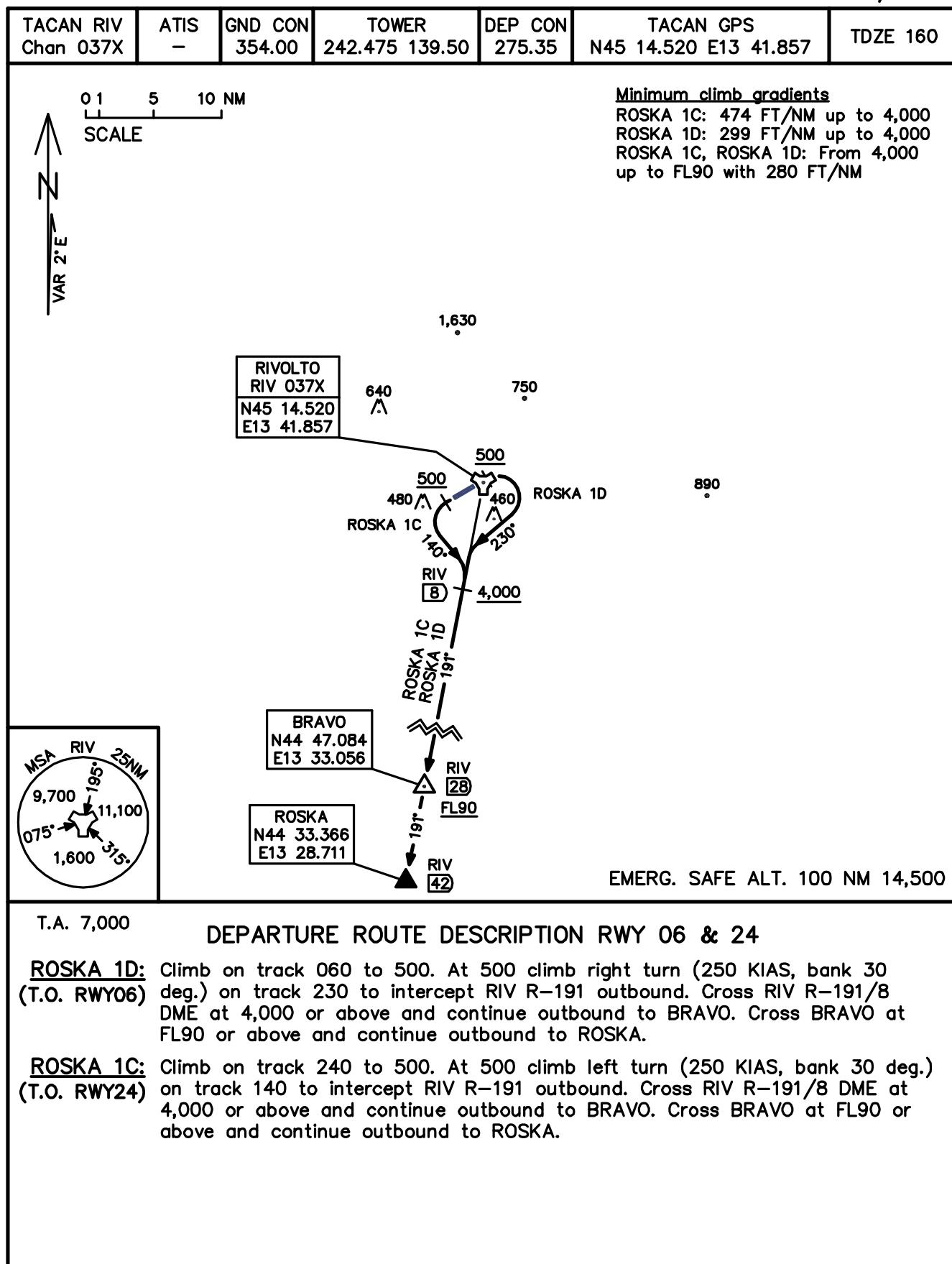


FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 6 June 2019 by Nikos Efstratiou

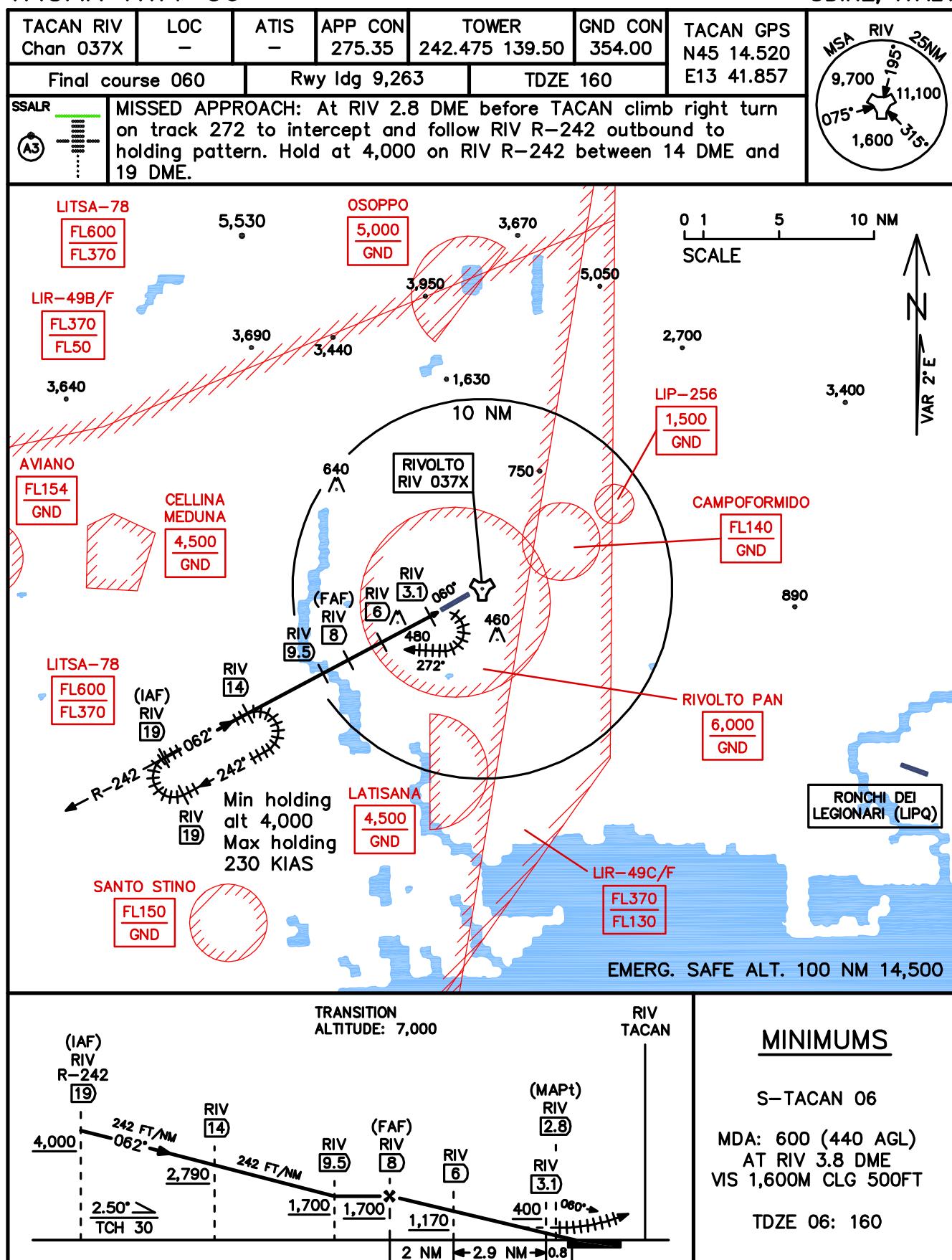
ROSKA 1C,  
ROSKA 1D DEPARTURE

RIVOLTO (LIP)  
UDINE, ITALY



# TACAN RWY 06

RIVOLTO (LIP) UDINE, ITALY

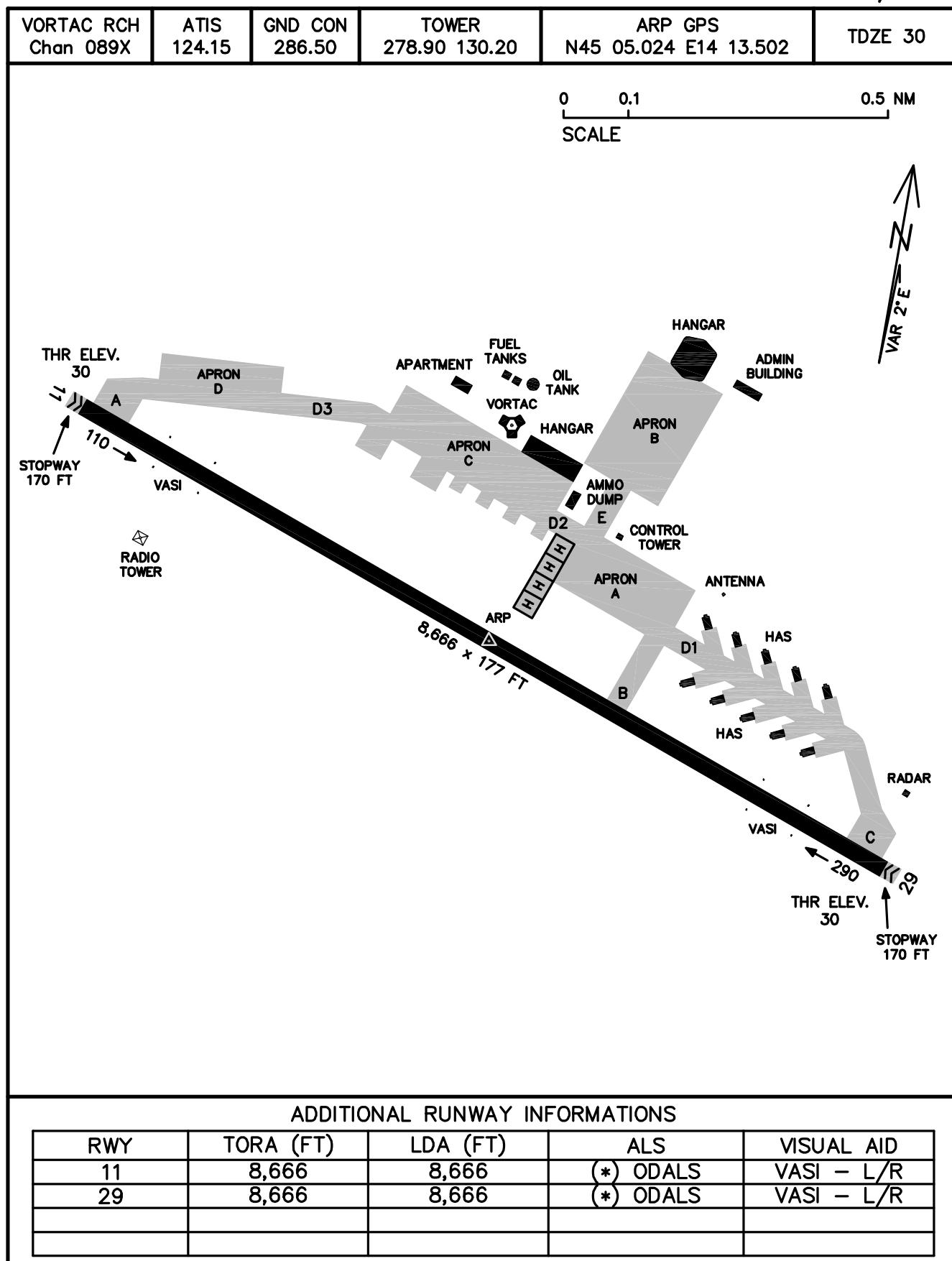


FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# AIRPORT DIAGRAM

RONCHI DEI LEGIONARI (LIPQ)  
TRIESTE, ITALY

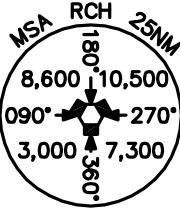


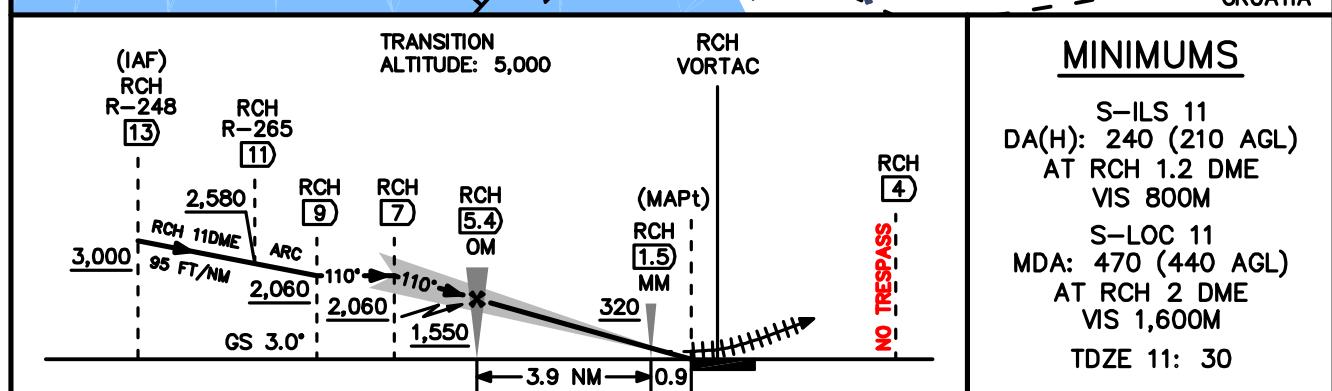
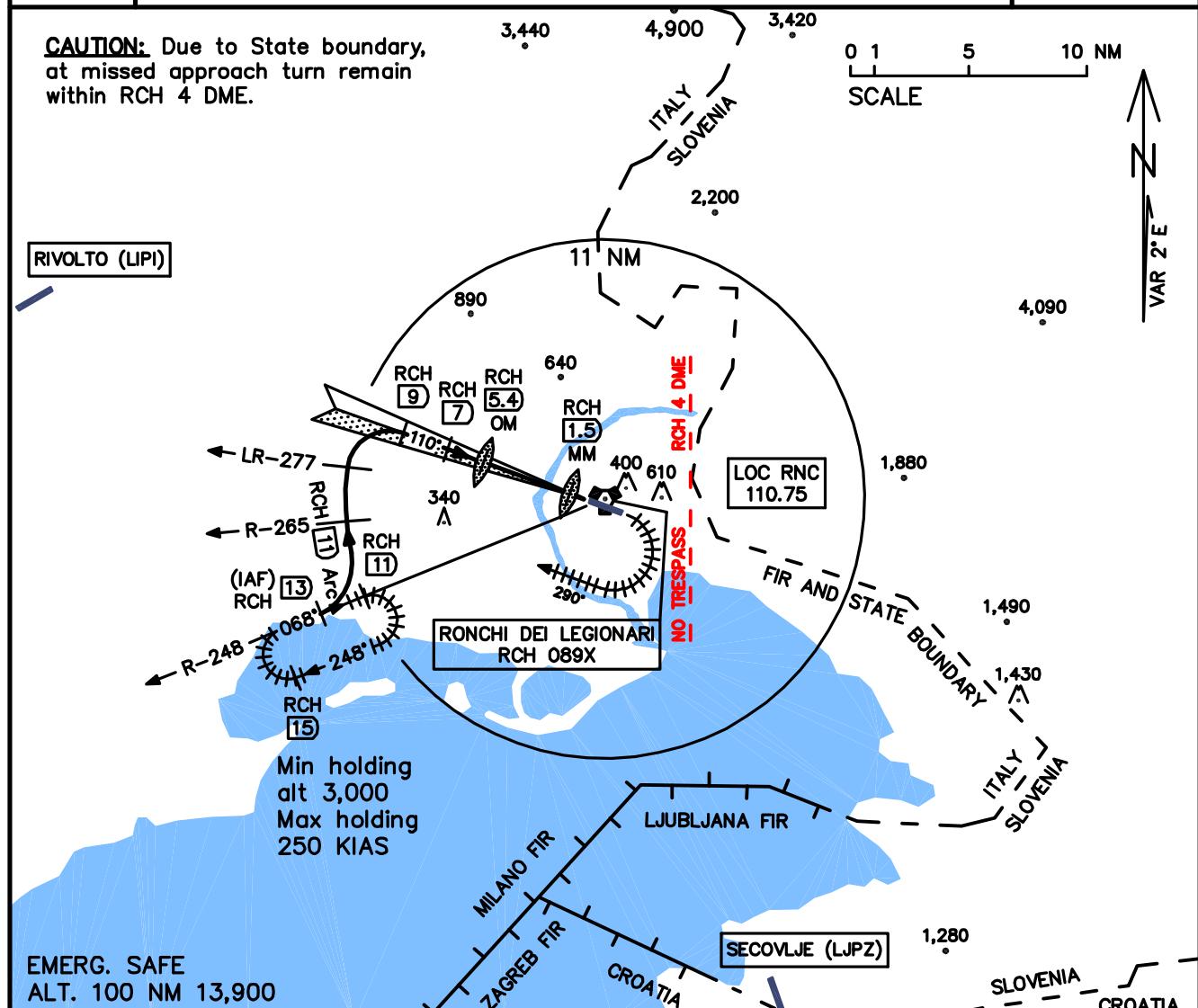
FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

RONCHI DEI LEGIONARI (LIPQ)  
TRIESTE, ITALY

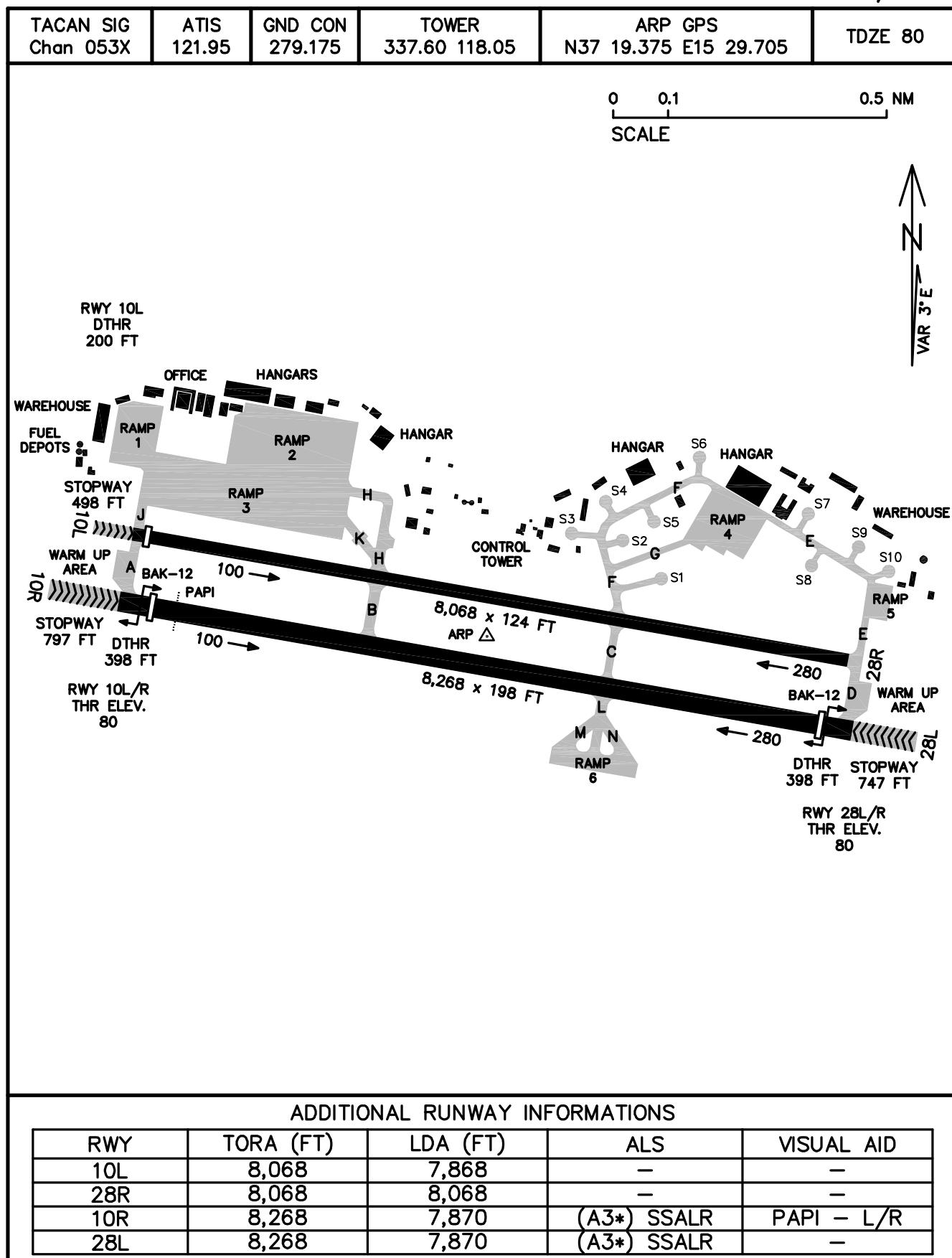
ILS/DME RWY 11

VORTAC RCH Chan 089X	LOC RNC 110.75	ATIS 124.15	APP CON 260.40	TOWER 278.90 130.20	GND CON 286.50	VORTAC GPS N45 05.360 E14 13.480	
Final course 110		Rwy Idg 8,666		TDZE 30			
ODALS	MISSSED APPROACH: Climb runway and pass RCH VORTAC. Not later than 10 NM from runway end climb right turn heading 290 to intercept RCH R-248 outbound to holding pattern and hold at 3,000.						



# AIRPORT DIAGRAM

SIGONELLA (LICZ)  
CATANIA, ITALY

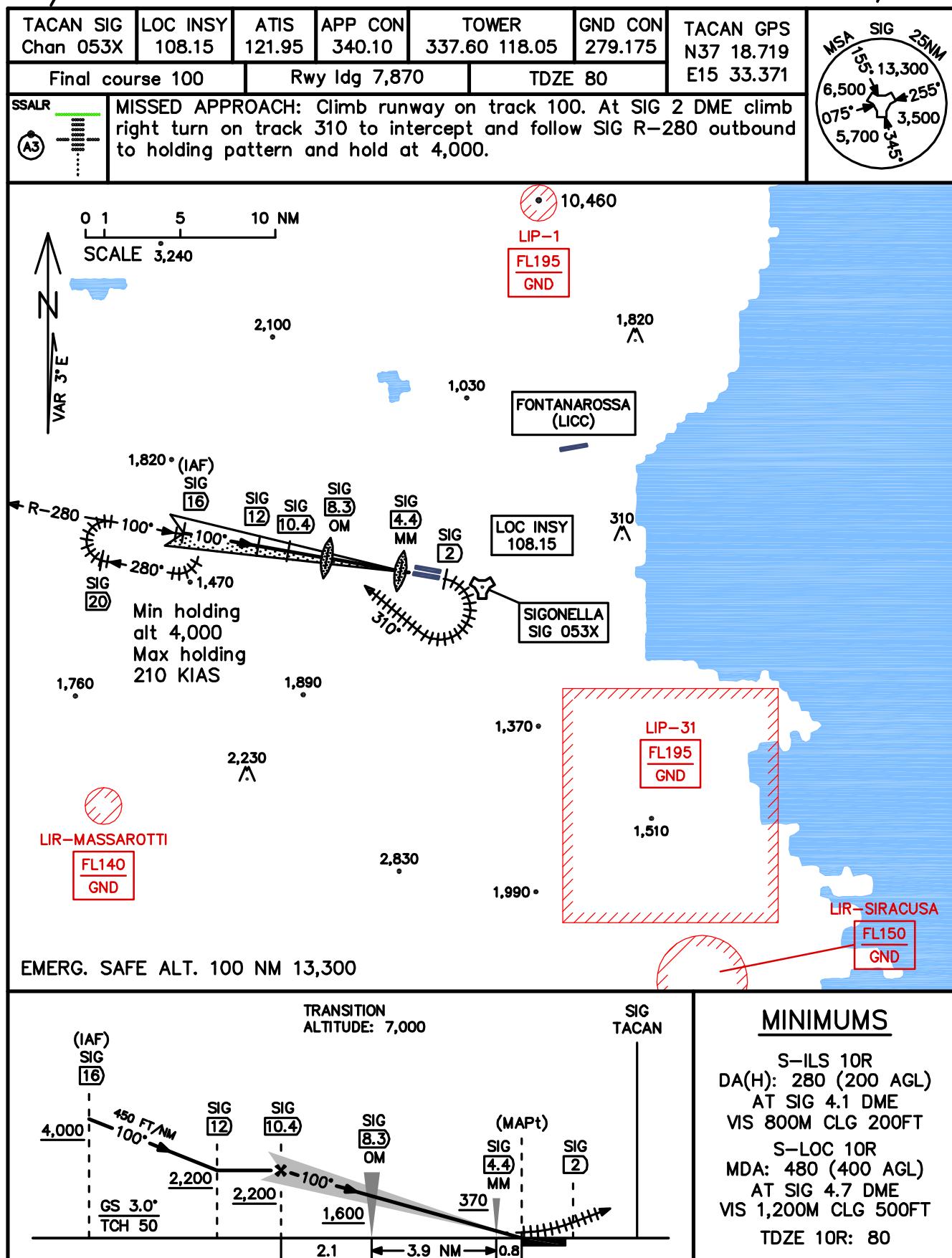


FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 26 June 2019 by Nikos Efstratiou

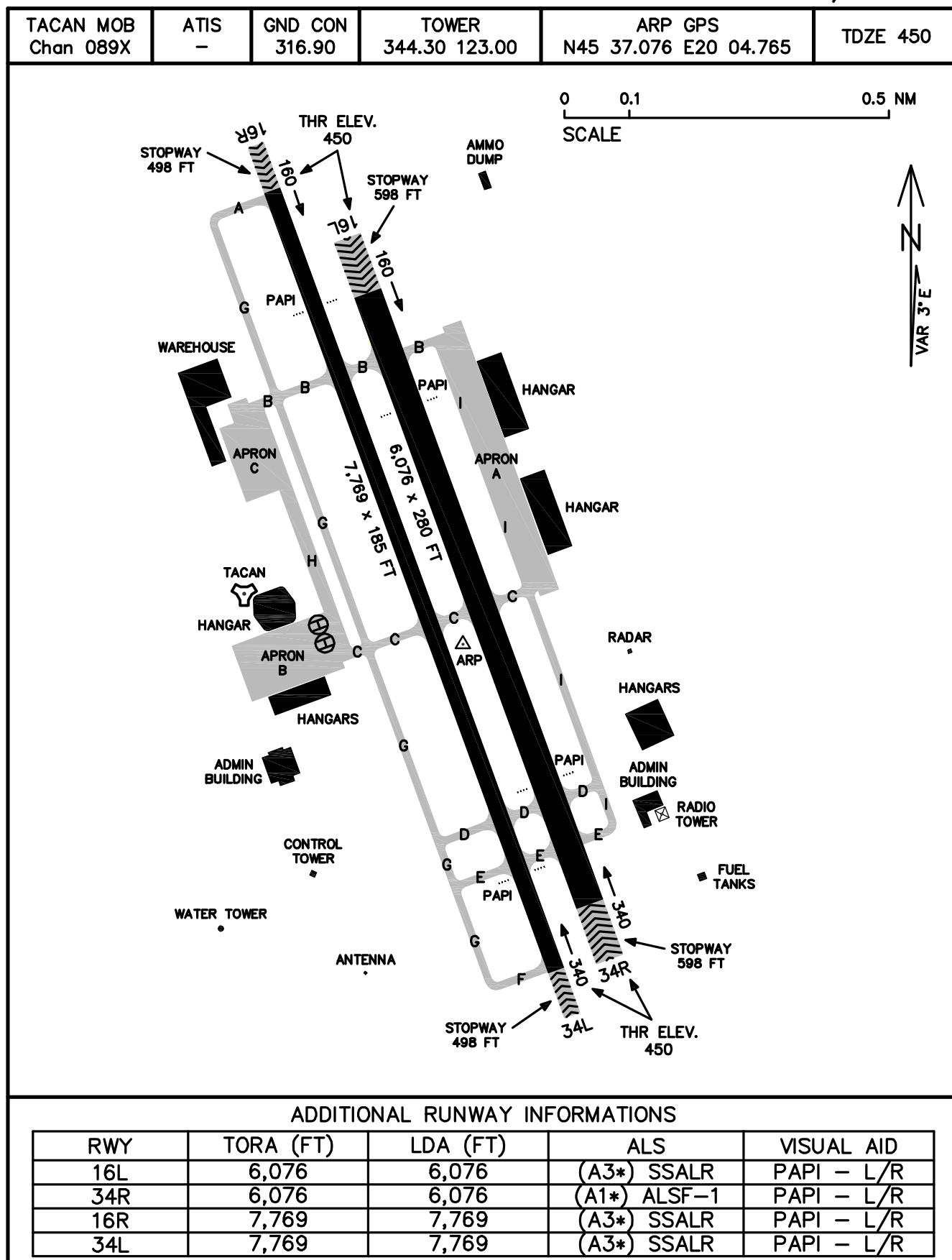
# ILS/DME RWY 10R

SIGONELLA (LICZ)  
CATANIA, ITALY



# AIRPORT DIAGRAM

TASZAR (LHTA)  
TASZAR, HUNGARY



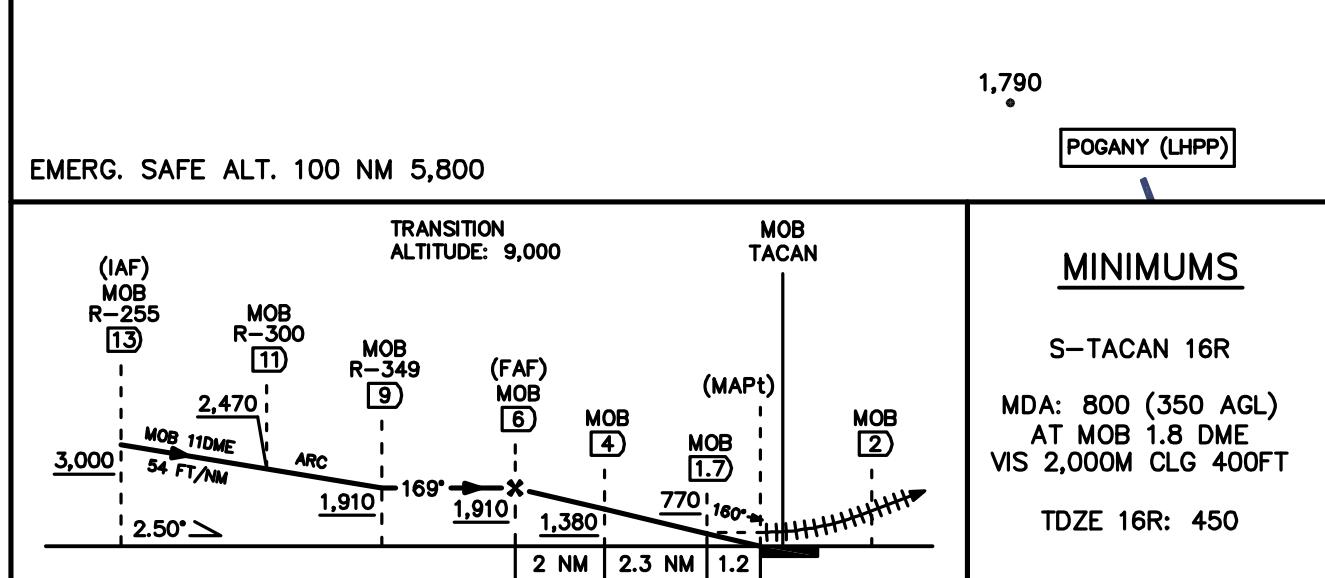
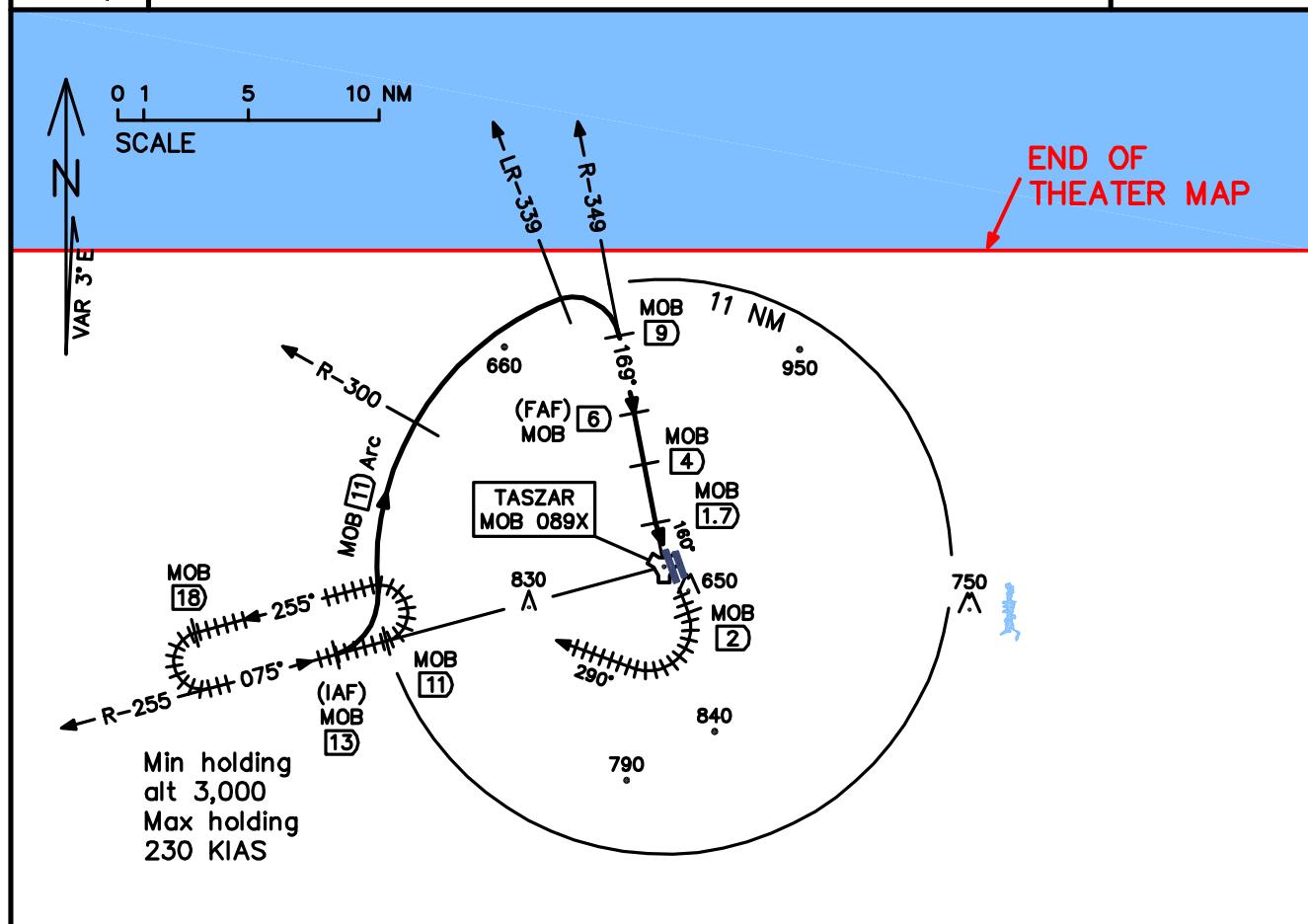
FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 6 June 2019 by Nikos Efstratiou

# TACAN RWY 16R

TASZAR (LHTA)  
TASZAR, HUNGARY

TACAN MOB Chan 089X	LOC -	ATIS -	APP CON 376.80	TOWER 344.30 123.00	GND CON 316.90	TACAN GPS N45 37.152 E20 04.298	MSA MOB 25NM 3,400
Final course 160		Rwy Idg 7,769		TDZE 450			
SSALR 	MISSED APPROACH: Climb runway and pass MOB TACAN. At MOB 2 DME climb right turn heading 290 to intercept MOB R-255 outbound to holding pattern and hold at 3,000.						



FALCON BMS 4.34  
BALKANS THEATER  
NOT FOR REAL NAVIGATION !

Created 6 June 2019 by Nikos Efstratiou

# AIRPORT DIAGRAM

TESSERA (LIPZ)  
VENICE, ITALY

VORTAC TES Chan 100X	ATIS 128.65	GND CON 226.50	TOWER 291.10 120.20	ARP GPS N44 48.060 E12 46.773	TDZE 0
0	0.1	0.5 NM	SCALE		
	VAR 2° E				
ADDITIONAL RUNWAY INFORMATIONS					
RWY	TORA (FT)	LDA (FT)	ALS	VISUAL AID	
05L	7,769	7,769	(A1*) ALSF-1	PAPI - L/R	
23R	7,769	7,769	(A1*) ALSF-1	PAPI - L/R	
05R	6,076	6,076	(A1*) ALSF-1	PAPI - L/R	
23L	6,076	6,076	(A3*) SSALR	PAPI - L/R	

FALCON BMS 4.34  
BALKANS THEATER  
**NOT FOR REAL NAVIGATION !**

Created 6 June 2019 by Nikos Efstratiou

# ILS/DME RWY 05R

TESSERA (LIPZ)  
VENICE, ITALY

VORTAC TES Chan 100X	LOC VTS 109.95	ATIS 128.65	APP CON 240.40	TOWER 291.10 120.20	GND CON 226.50	VORTAC GPS N44 48.117 E12 45.940
Final course 050	Rwy Idg 6,076			TDZE 0		

**ALSF-1** MISSED APPROACH: Climb runway and pass TES VORTAC. At TES 4 DME climb right turn heading 220 to intercept TES R-179 outbound to holding pattern and hold at 3,000.

(A1)

0 1 5 10 NM  
SCALE

N  
VAR 2° E

