

**GENERAL****Operational Hours**

**ATS Hours / AD ADMIN Hours:** H24

**Airport Information**

**RFF:** CAT 6, CAT 7 O/R with 24HR PPR

**PCN:** RWY 09/27: 41/R/C/W/T

**Operation****Low Visibility Procedure**

LVP in force when RVR is below 600m (VIS below 800m) or CEIL is below 200ft.

LVP are AVBL O/R for LVTO on RWY 27 when RVR is below 400m.

Taxiing restricted to one ACFT movement at a time using Standard Taxi Routes:

- ARR RWY 27 to APN 1 / APN 2: Back-track on RWY 27 to TWY A. Report RWY vacated and follow-me in sight.
- DEP APN 1 / APN 2 to RWY 27: Taxi approved TWY A to HLDG position after follow-me, line up RWY 27.

Follow-me mandatory on APN.

**TWY Restriction**

TWY A width 18m / 59ft.

**Taxi/Parking**

Apron 2

Stop ACFT when pilot's eye view at a 90° angle to the lead-in line.

Self-parking procedure applicable at stands 1-4.

Marshaller mandatory for other stands.

**ARRIVAL****Communication****COM Failure****P-RNAV**

STAR assigned

Continue with FPL and assigned STAR, then execute an instrument APCH and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2min from setting 7600. If being vectored continue on assigned HDG and last cleared and acknowledged ALT for 2min from setting 7600. Then proceed direct FAP/FAF and execute an instrument APCH and land. Descending shall be executed in accordance with vertical restrictions specified on chart.

STAR not assigned

Proceed according to FPL and FPL STAR, execute an instrument APCH and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2min from setting 7600. If landing is not possible execute MISAP and proceed to FAP/FAF of most convenient RWY, execute an instrument APCH to land.

**ARRIVAL****Conventional STAR**

STAR assigned

Continue with FPL and assigned STAR, then execute an instrument APCH and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2min from setting 7600.

If being vectored continue on assigned HDG and last cleared and acknowledged ALT for 2min from setting 7600. Then proceed direct ARD VOR/DME and execute a VOR APCH and land. Descending shall be executed in accordance with vertical restrictions specified on chart.

STAR not assigned

Proceed according to FPL and FPL STAR, execute an instrument APCH and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2min from setting 7600.

**DEPARTURE****Take-off Minima**

RWY		27	
All ACFT	ft - m/km	0 - 125R	-
RWY		09	
All ACFT	ft - m/km	0 - 400R/400V	-

**Communication****COM Failure****P-RNAV / Conventional SID**

Continue on assigned and acknowledged SID. After 2min climb to FPL FL.

If being vectored continue on assigned HDG 2min, then proceed direct to last SID (WPT or REP, as appropriate) climbing to FPL FL.

**Departure Procedure****Noise Abatement Procedure**

RWY 09: ICAO Standard TKOF PROC NADP 1.

RWY 27: ICAO Standard TKOF PROC NADP 1 or NADP 2.

**De-Icing**

AVBL

Effective 13-SEP-2018

06-SEP-2018

ARW-LRAR

2-10

Romania Arad

AGC

AFC

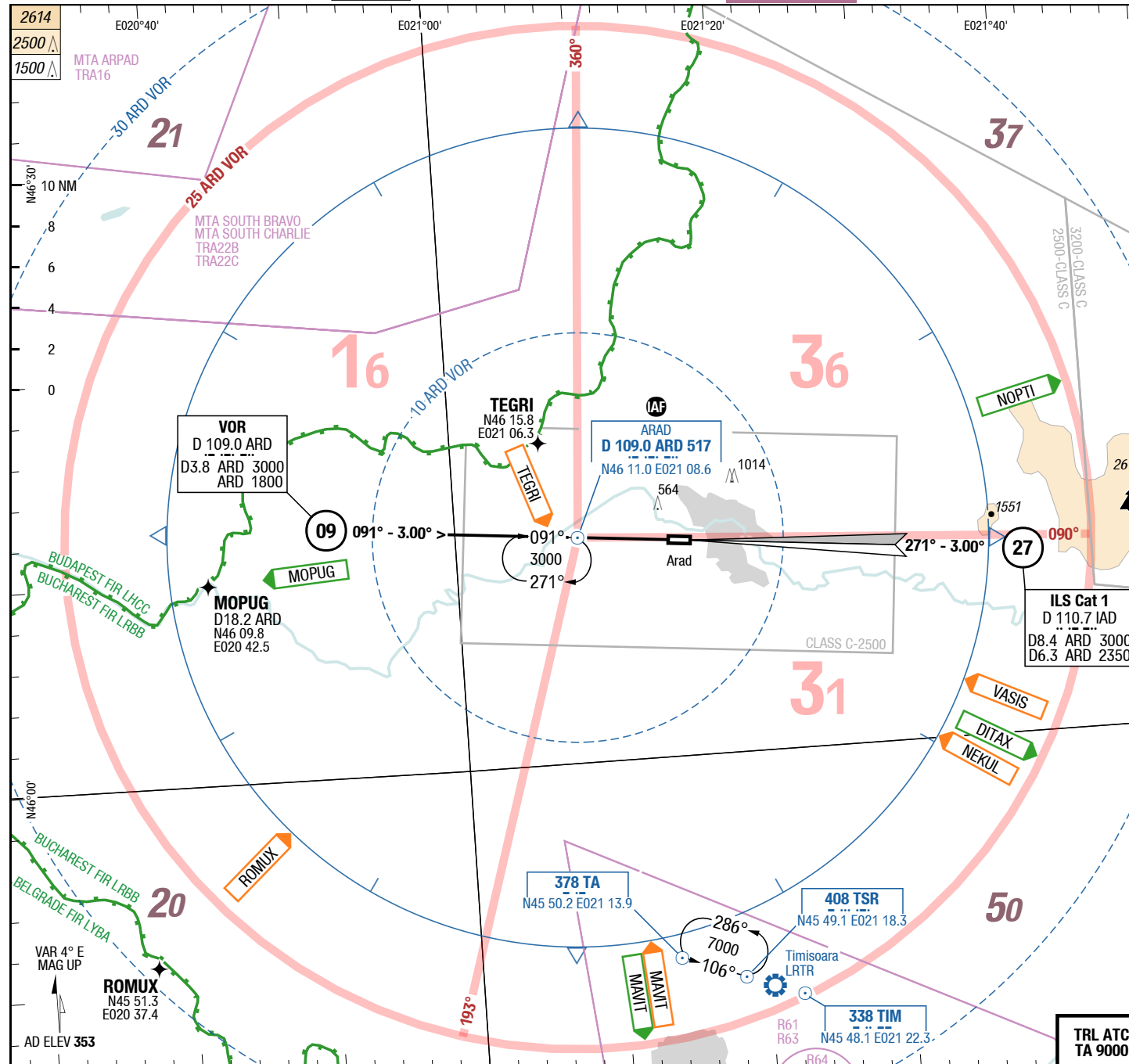
AFC

AFC

Arad Romania

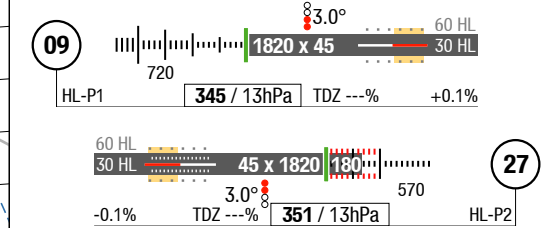
AGC

AFC



Timisoara ATIS 123.125  
APP 123.530  
126.350  
TWR 130.200

Landing RWY system:



Changes: FREQ

Effective 13-SEP-2018

06-SEP-2018

ARW-LRAR

3-20

Romania Arad

AGC

AGC

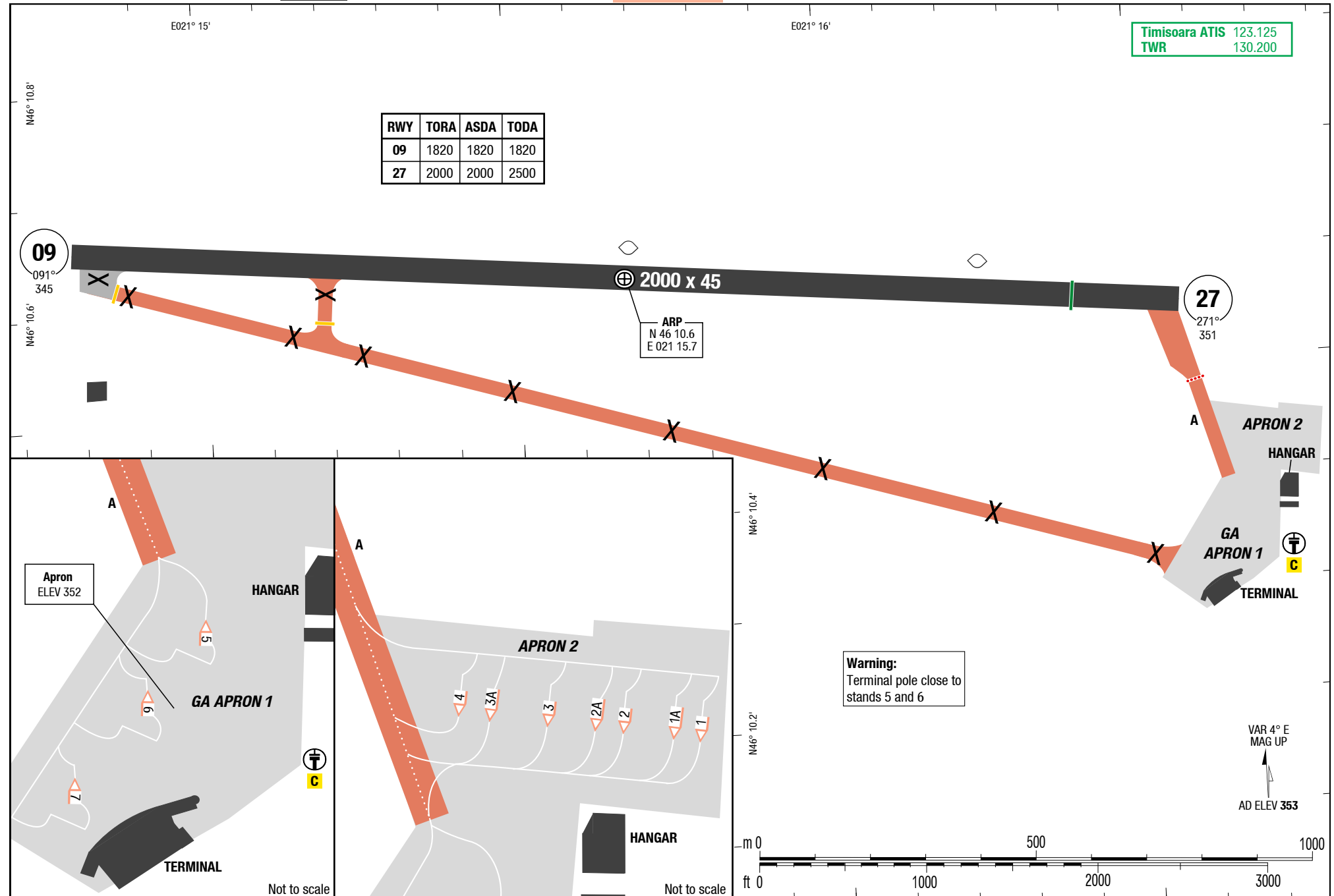
AGC

Arad Romania

AGC

Timisoara ATIS 123.125  
TWR 130.200

RWY	TORA	ASDA	TODA
09	1820	1820	1820
27	2000	2000	2500



Changes: Nil

APP 123.530  
126.350

DME/DME required

ARD, CNI and LGJ required for  
P-RNAV DME/DME operations

Caution  
Close-in obstacle

ARAD  
D 109.0 ARD 517  
N46 11.0 E021 08.6

AR011  
MAX 210KT (except NOPTI 1H)

AR012

LUGOJ  
D 113.0 LGJ  
N45 43.2 E021 59.7

408 TSR  
N45 49.1 E021 18.3

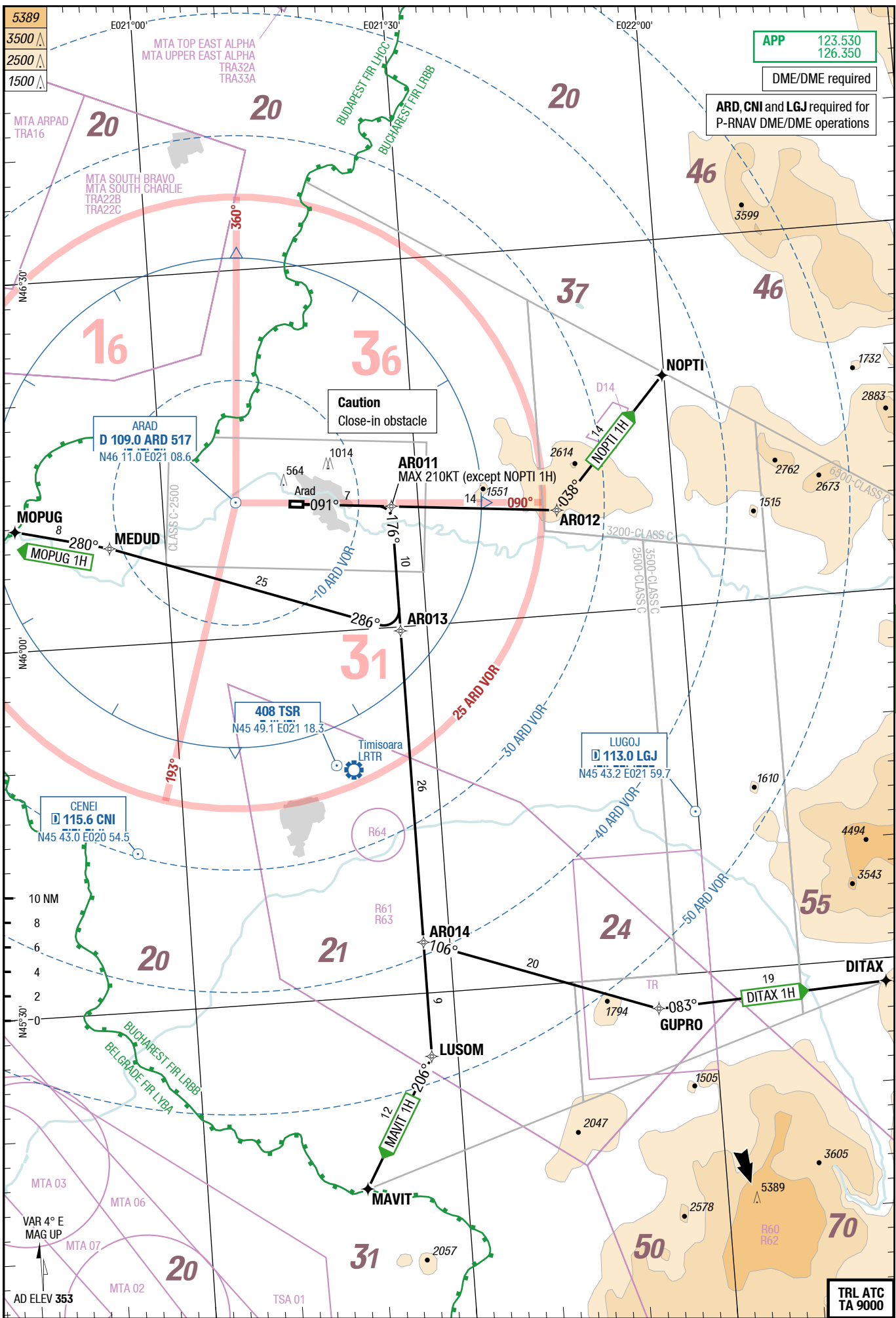
CENEI  
D 115.6 CNI  
N45 43.0 E020 54.5

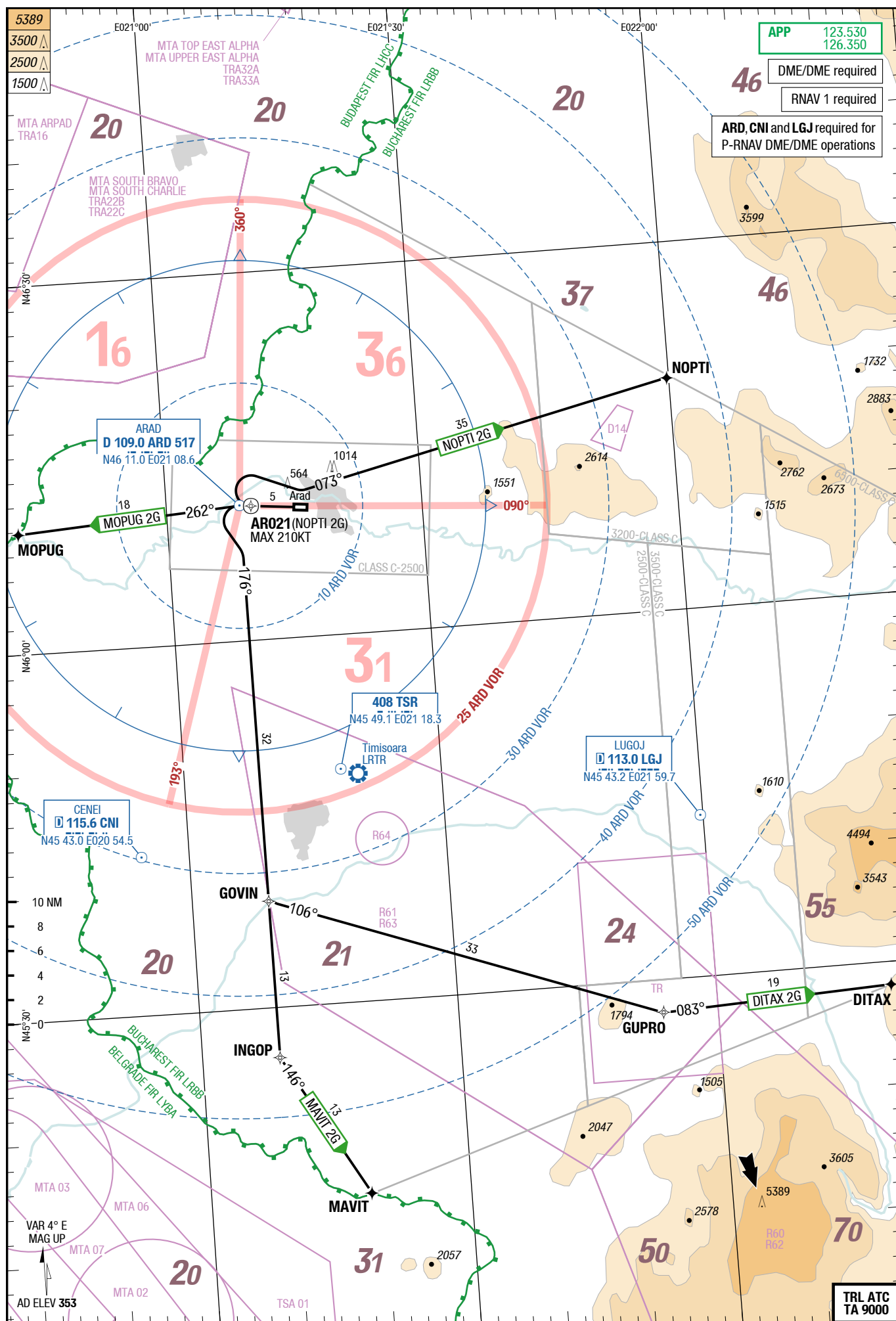
AR014

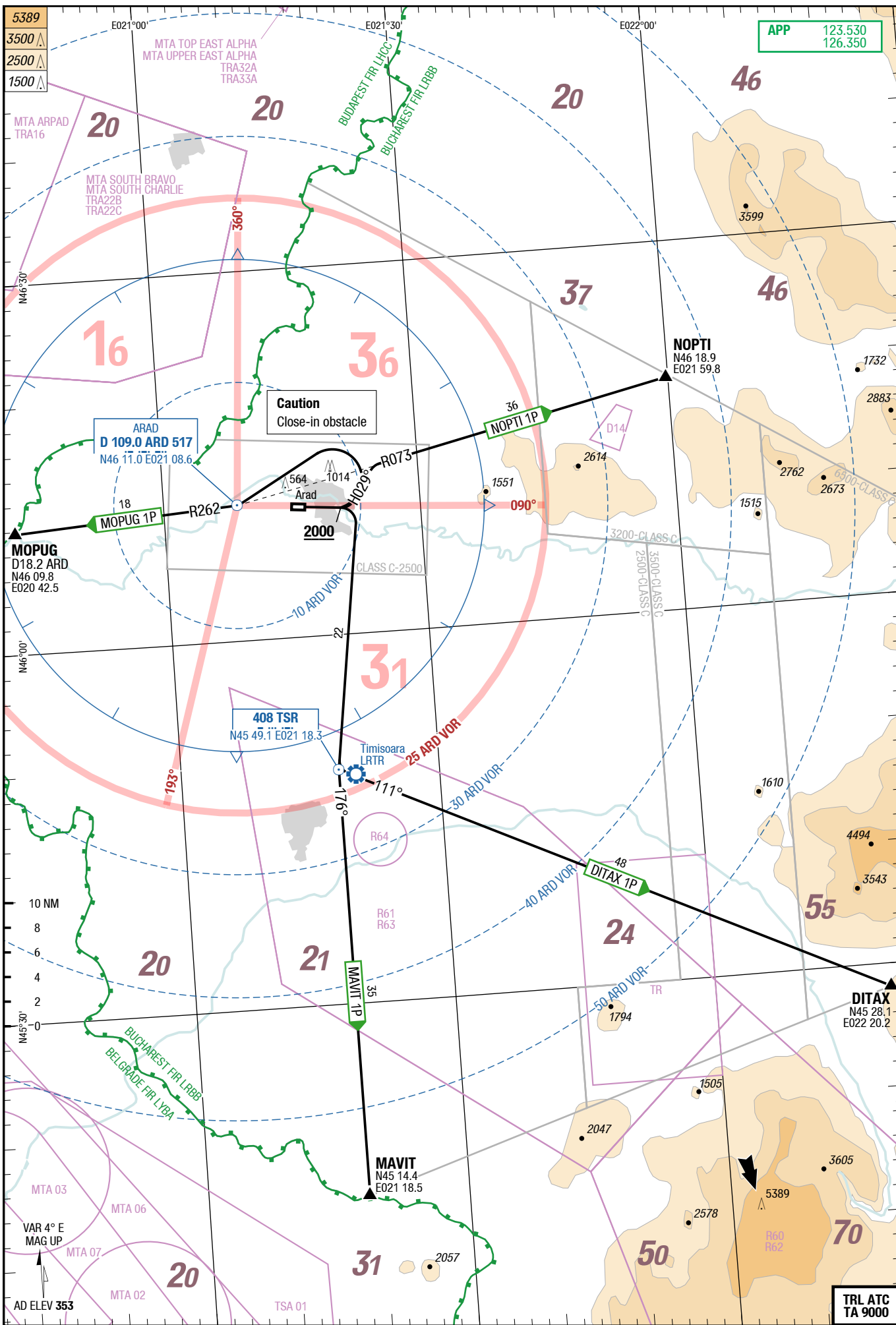
LUSOM

MAVIT

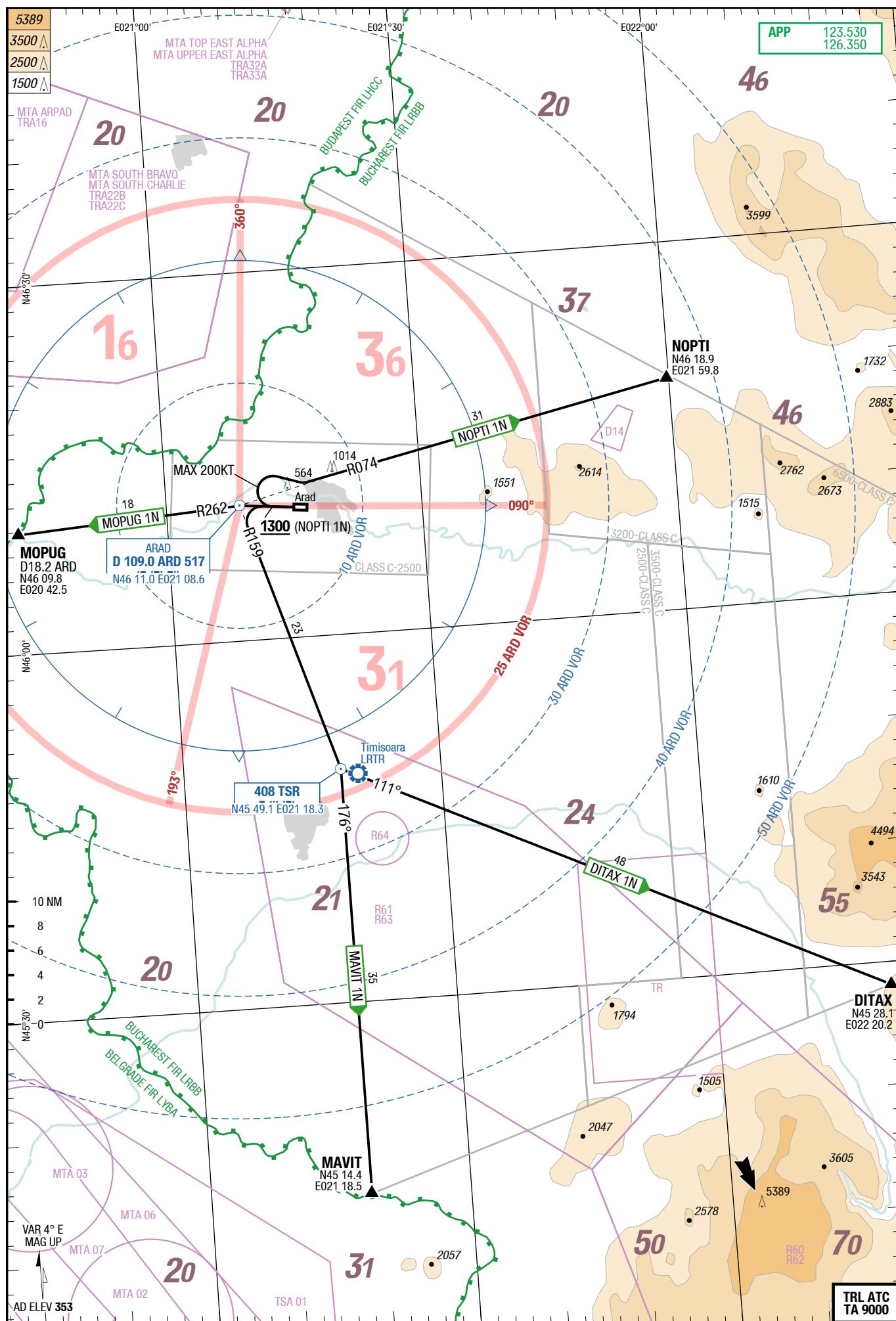
TRL ATC  
TA 9000













## ARW-LRAR

5-10

## RNAV SIDs RWY 09

SIDPT

## DITAX 1H / MAVIT 1H / MOPUG 1H / NOPTI 1H

RWY 09 (091°)

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000
3.6%	ft/MIN	500	600	700	800	900	1000
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 09</b>	
<b>DITAX 1H</b> <b>123.530</b>	AR011 [K210-; R] - AR013 - AR014 [L] - GUPRO [L] - DITAX	<b>initial climb 6000</b>
<b>MAVIT 1H</b> 3.6% <b>123.530</b> ①	AR011 [K210-; R] - AR013 - AR014 - LUSOM [R] - MAVIT	<b>initial climb 6000</b>
<b>MOPUG 1H</b> 3.5% <b>123.530</b> ①	AR011 [K210-; R] - AR013 [R] - MEDUD [L] - MOPUG	<b>initial climb 6000</b>
<b>NOPTI 1H</b> 5.0% <b>123.530</b> ①	AR011 - AR012 [L] - NOPTI	<b>initial climb 6000</b>

① Climb gradient due to airspace structure. If unable to comply, contact ATC before start-up.

## DITAX 2G / MAVIT 2G / MOPUG 2G / NOPTI 2G

RWY 27 (271°)

	GS	120	150	180	210	240	270
3.7%	ft/MIN	500	600	700	800	900	1100
3.8%	ft/MIN	500	600	700	900	1000	1100
7.7%	ft/MIN	1000	1200	1500	1700	1900	2200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 27</b>	
<b>DITAX 2G</b> <b>123.530</b>	<u>ARD</u> [L] - GOVIN - GUPRO - DITAX	<b>initial climb 6000</b>
<b>MAVIT 2G</b> 3.7% <b>123.530</b> ①	<u>ARD</u> [L] - GOVIN - INGOP - MAVIT	<b>initial climb 6000</b>
<b>MOPUG 2G</b> 7.7% <b>123.530</b> ①	<u>ARD</u> - MOPUG	<b>initial climb 6000</b>
<b>NOPTI 2G</b> 3.8% <b>123.530</b> ①	<u>AR021</u> [K210-; R] - NOPTI	<b>initial climb 6000</b>

① Climb gradient due to airspace structure. If unable to comply, contact ATC before start-up.

**DITAX 1P / MAVIT 1P / MOPUG 1P / NOPTI 1P**

RWY 09 (091°)

	GS	120	150	180	210	240	270
3.4%	ft/MIN	500	600	700	800	900	1000
5.3%	ft/MIN	700	900	1000	1200	1300	1500

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 09</b>	
<b>DITAX 1P</b> <b>123.530</b>	at MNM 2000 RT direct <b>TSR</b> - QDR 111 <b>TSR</b> to DITAX	<b>initial climb 6000</b>
<b>MAVIT 1P</b> 3.4% <b>123.530</b> ①	at MNM 2000 RT direct <b>TSR</b> - QDR 176 <b>TSR</b> to MAVIT	<b>initial climb 6000</b>
<b>MOPUG 1P</b> <b>123.530</b>	at MNM 2000 LT direct <b>ARD</b> - R262 <b>ARD</b> to MOPUG	<b>initial climb 6000</b>
<b>NOPTI 1P</b> 5.3% <b>123.530</b> ①	at MNM 2000 LT HDG 029° - intercept R073 <b>ARD</b> to NOPTI	<b>initial climb 6000</b>

① Climb gradient due to airspace structure. If unable to comply, contact ATC before start-up.

## DITAX 1N / MAVIT 1N / MOPUG 1N / NOPTI 1N

RWY 27 (271°)

	GS	120	150	180	210	240	270
3.4%	ft/MIN	500	600	700	800	900	1000
3.6%	ft/MIN	500	600	700	800	900	1000
7.7%	ft/MIN	1000	1200	1500	1700	1900	2200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 27</b>	
<b>DITAX 1N</b> 123.530	at <b>ARD LT</b> intercept R159 <b>ARD</b> to <b>TSR</b> - QDR 111 <b>TSR</b> to DITAX	<b>initial climb 6000</b>
<b>MAVIT 1N</b> 3.4% 123.530 ①	at <b>ARD LT</b> intercept R159 <b>ARD</b> to <b>TSR</b> - QDR 176 <b>TSR</b> to MAVIT	<b>initial climb 6000</b>
<b>MOPUG 1N</b> 7.7% 123.530 ①	at <b>ARD LT</b> intercept R262 <b>ARD</b> to MOPUG	<b>initial climb 6000</b>
<b>NOPTI 1N</b> 3.6% 123.530 ①	at MNM 1300 RT (MAX 200KT) intercept R074 <b>ARD</b> to NOPTI	<b>initial climb 6000</b>

① Climb gradient due to airspace structure. If unable to comply, contact ATC before start-up.

06-SEP-2018

## ARW-LRAR

Romania **Arad**

## RNAV STARs RWY 27

## RNAV STARs RWY 09

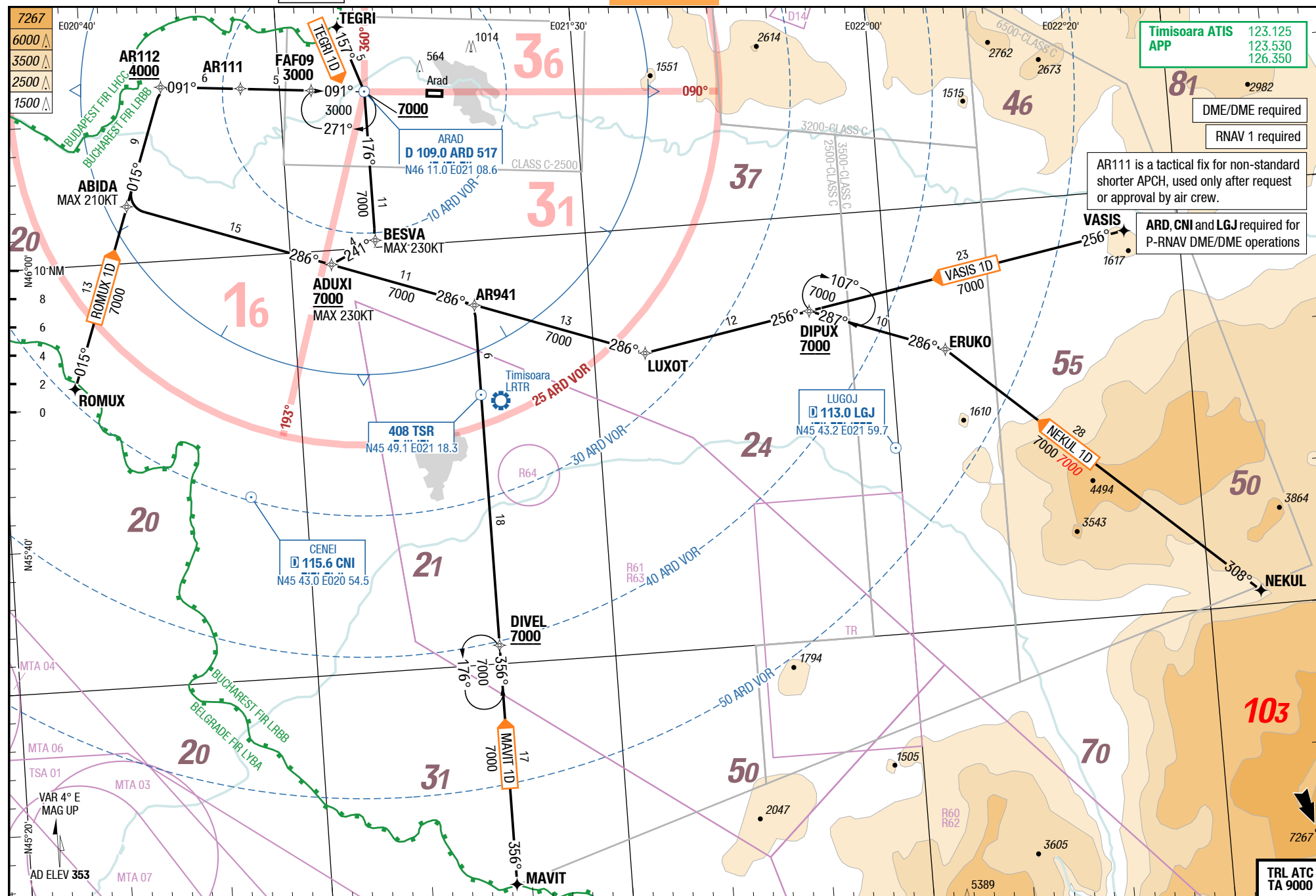
# STAR

# STAR

## Arad Romania

RNAV STARs RWY 27

## RNAV STARs RWY 09



Changes: FREQ

06-SEP-2018

## ARW-LRAR

Romania **Arad**

# STAR

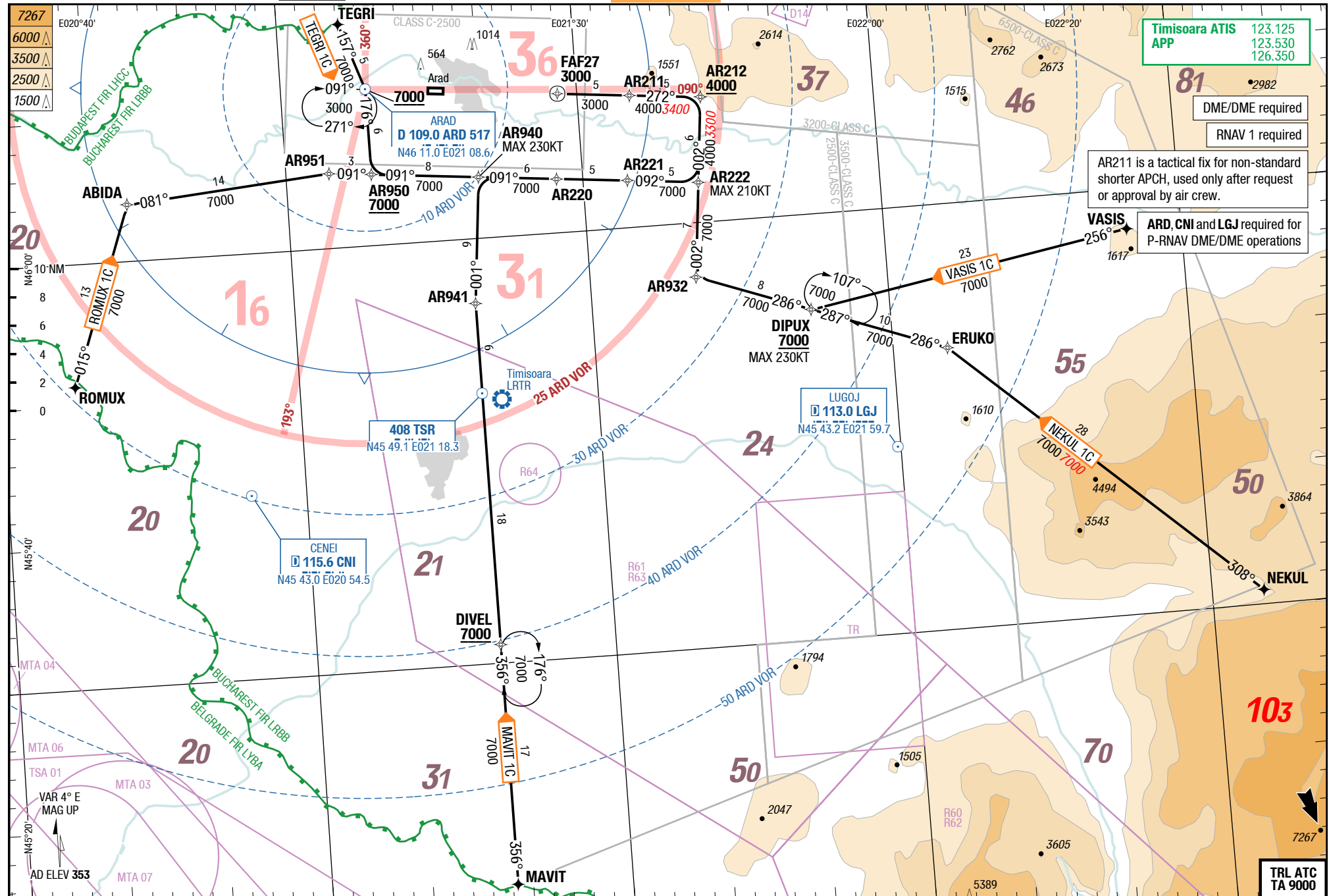
# STAR

## Arad Romania

## RNAV STARs RWY 27

**6-20**

## RNAV STARs RWY 27



Changes: FREQ

## ARW-LRAR



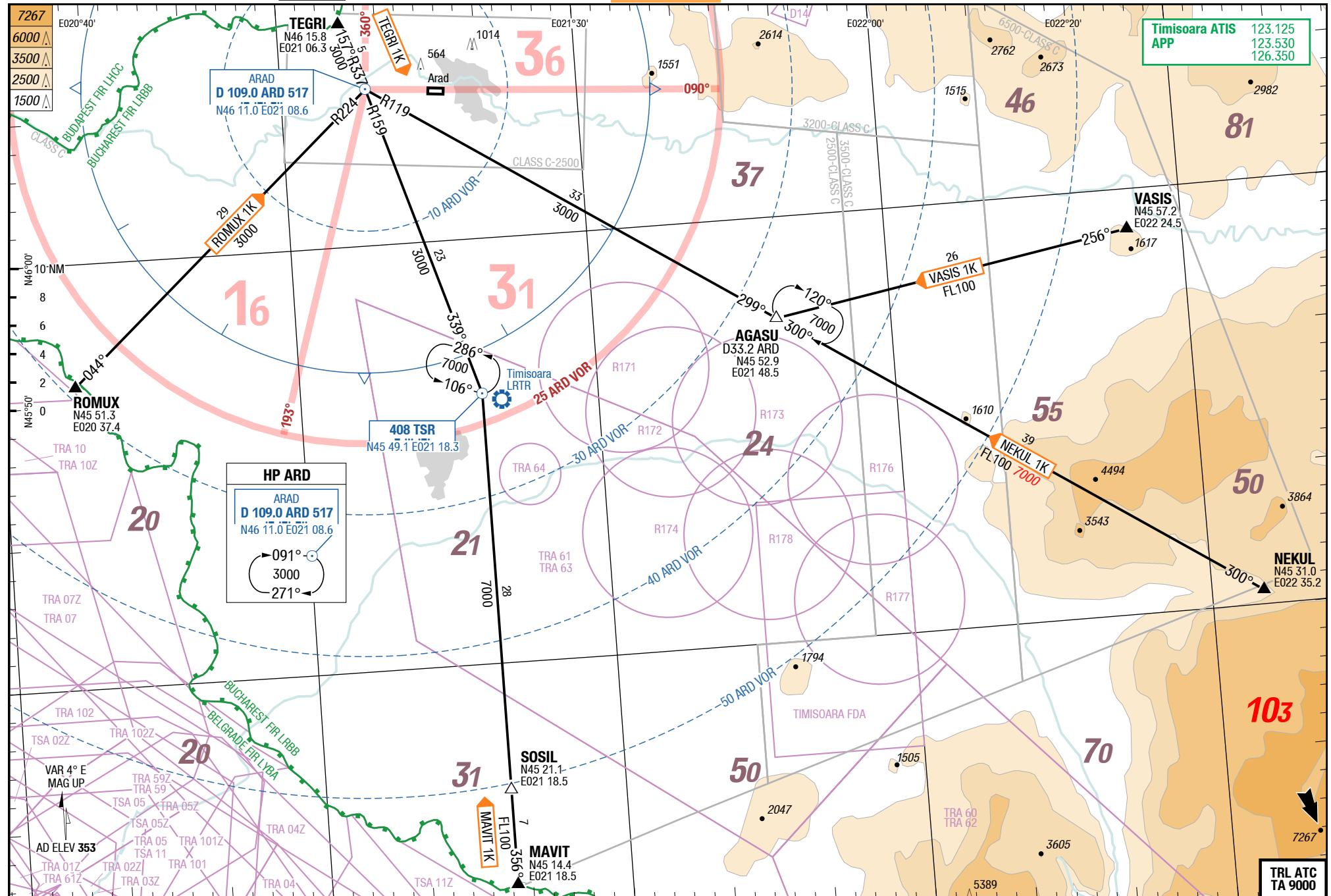
## STARs RWY 09/27

# STAR

# STAR



## STARs RWY 09/27



Changes: FREQ

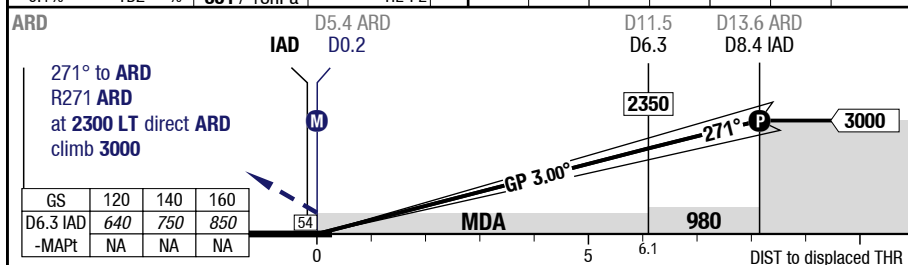
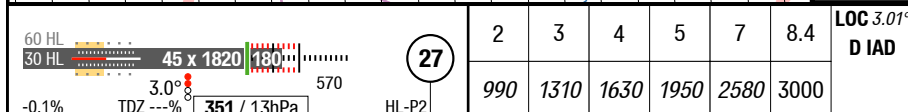
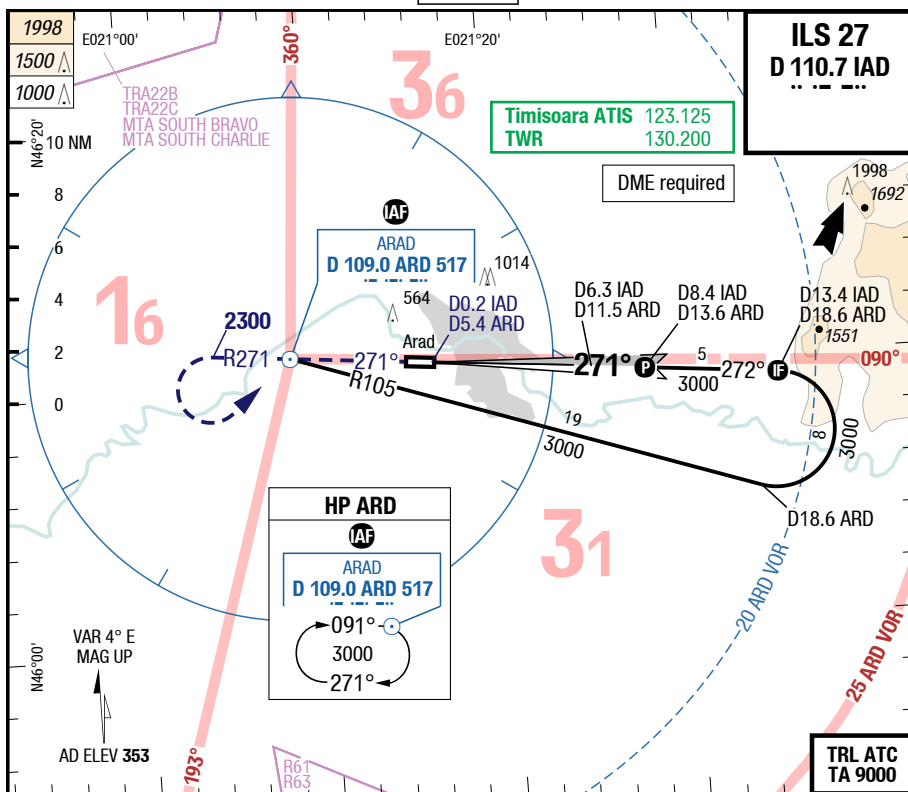
© Lido 2018



# ARW-LRAR

**7-10**

**ILS 27**



<b>27</b>		<b>Cat 2 DME</b>	<b>Cat 1 DME</b> 1)	<b>LOC DME</b>		<b>Circling</b>
C	ft - m/km ft	130 - 400R <b>130</b> RA	220 - 800 <b>570</b>	480 - 1.8 <b>830</b>		1060 - 2.4V <b>1410</b>
D	ft - m/km ft	150 - 450R <b>144</b> RA	230 - 800 <b>580</b>	480 - 1.8 <b>830</b>		1060 - 3.6V <b>1410</b>

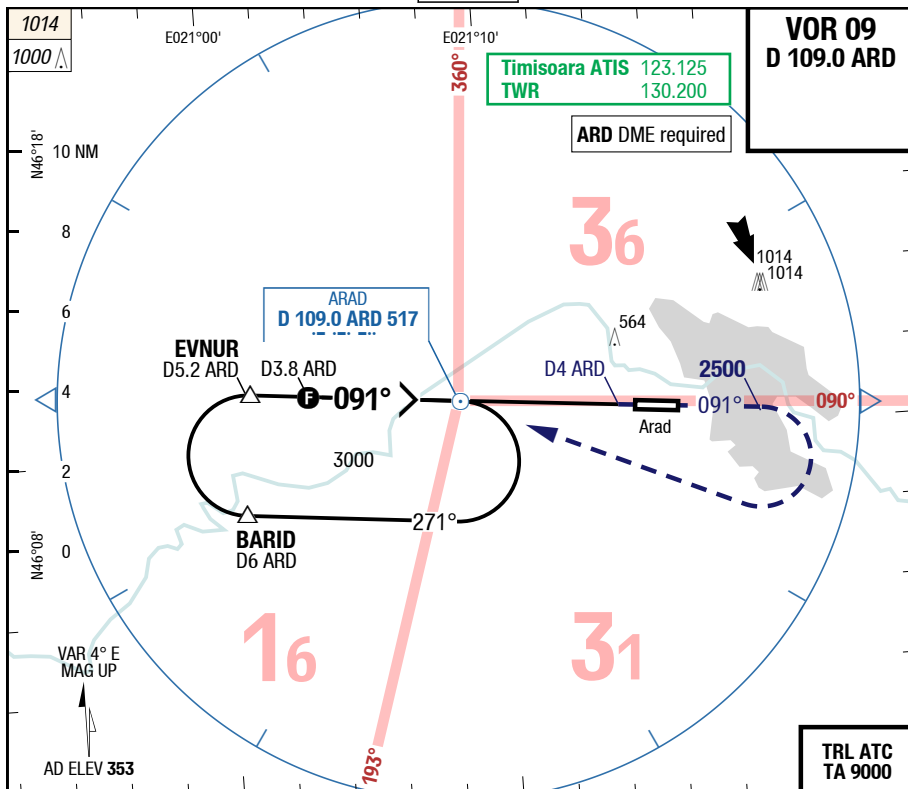
1) With EVS 550m

Changes: MIN

# ARW-LRAR

7-20

VOR 09

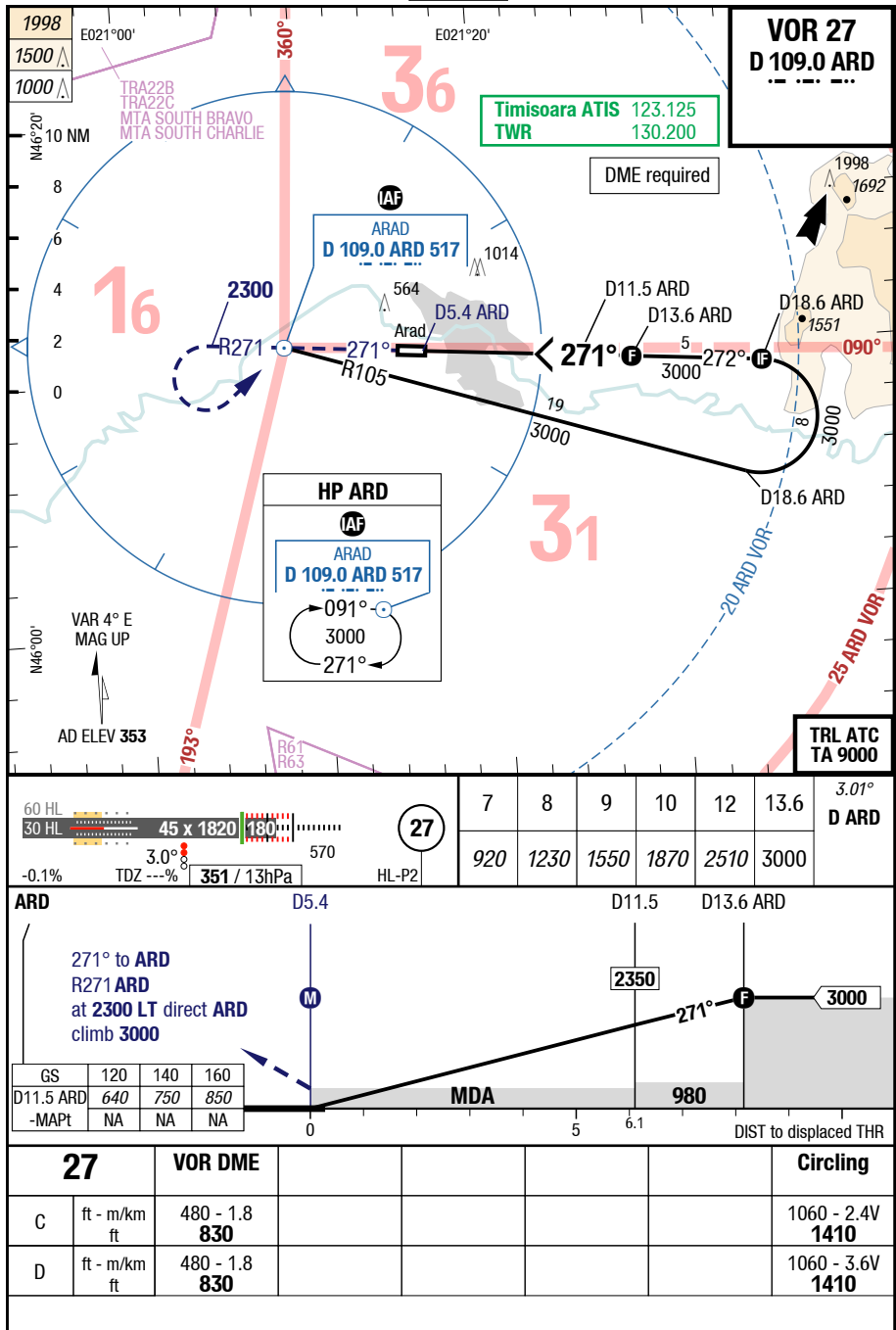


3.00° D ARD	3.8	2	1	ARD	1	2	09	HL-P1	345 / 13hPa	TDZ ---%	+0.1%
	3000	2440	2120	1800	1490	1170					
D5.2 ARD EVNUR	D3.8 ARD	ARD	D4 ARD	091° at 2500 RT direct ARD VOR climb 3000							
3000		1800		MDA							
DIST to THR				5	4.4	0.4	0				
09	VOR DME										Circling
C	ft - m/km ft	470 - 1.5 810									1060 - 2.4V 1410
D	ft - m/km ft	470 - 1.5 810									1060 - 3.6V 1410

## ARW-LRAR

7-30

VOR 27



14-AUG-2014

ARW-LRAR

8-10

Romania Arad

NIL

MRC

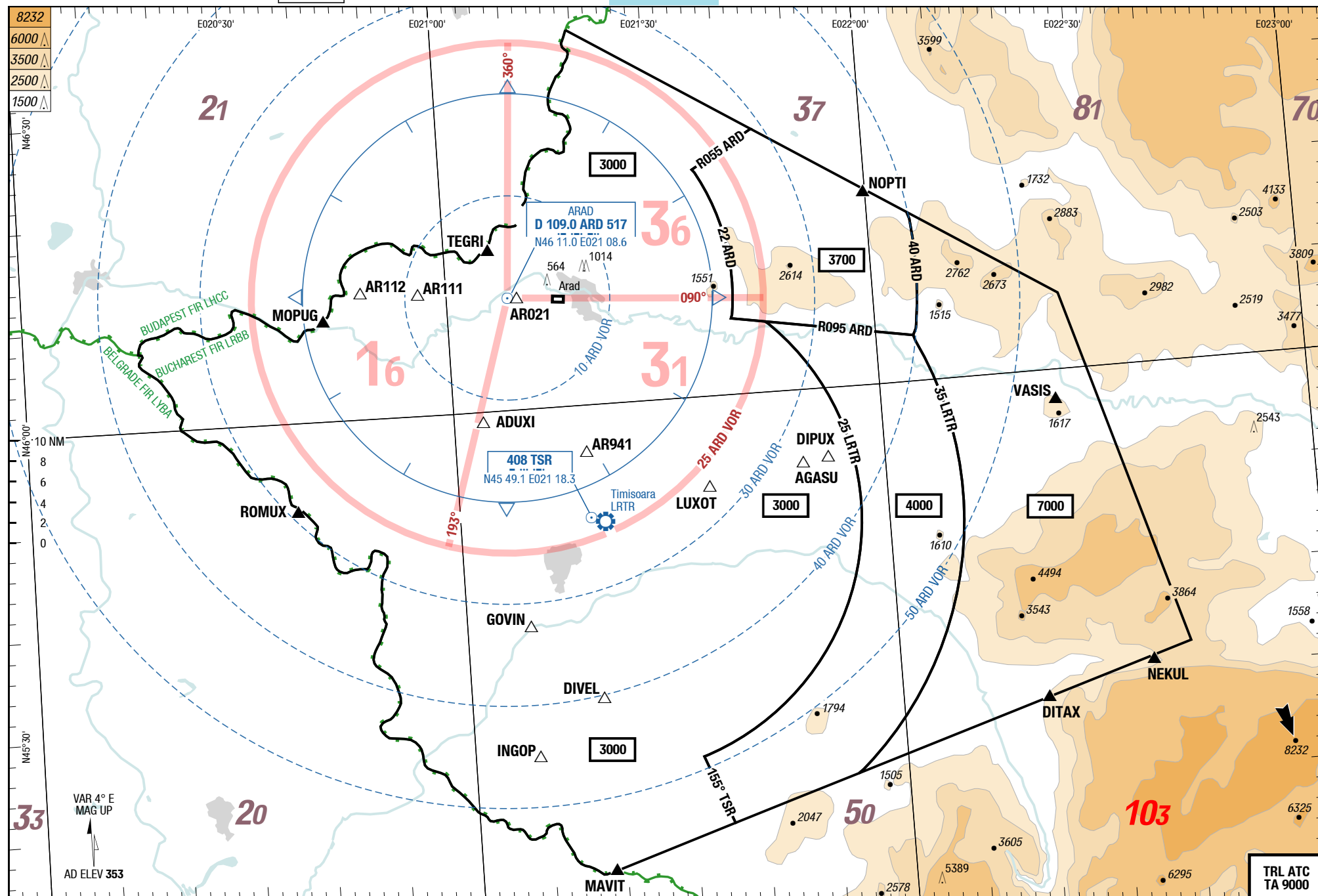
MRC

MRC

Arad Romania

NIL

MRC



Changes: OBST

TRL ATC  
TA 9000

© Lido 2014