

KUO-EFKU

1-10

AOI

AOI

**GENERAL****Operational Hours****ATS Hours:** H24**AD Operator Hours:** HO**Airport Information****RFF:** CAT 5; CAT 7 AVBL, NON SKED required CAT O/R**Fuel:** 0400-2000‡, other times PN 1HR.**PCN:** RWY 15/33: 80/F/A/W/T**Customs:** HO 4HRs PN**Operation****TWY Restriction**

TWY H width 18m / 59ft.

TWY J width 15m / 49ft.

TWY S width 8m / 26ft.

**Communication****COM Failure**

RNAV STAR has been given and acknowledged: Follow STAR to the respective RWY and execute IAP.

**Arrival Procedure****Noise Abatement Procedure:** Avoid overflying built-up area below 2000ft.**Non-standard GP intercept position on RWY 33**

GP intercepts RWY 33 at 332m / 1088ft after landing threshold.

Remaining LDG DIST beyond GP is 2468m / 8098ft.

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

RWY		33	
All ACFT	ft - m/km	0 - 400R/400V	-
RWY		15	
All ACFT	ft - m/km	0 - 400R/400V	MNM climb gradient 3.9% up to 530

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

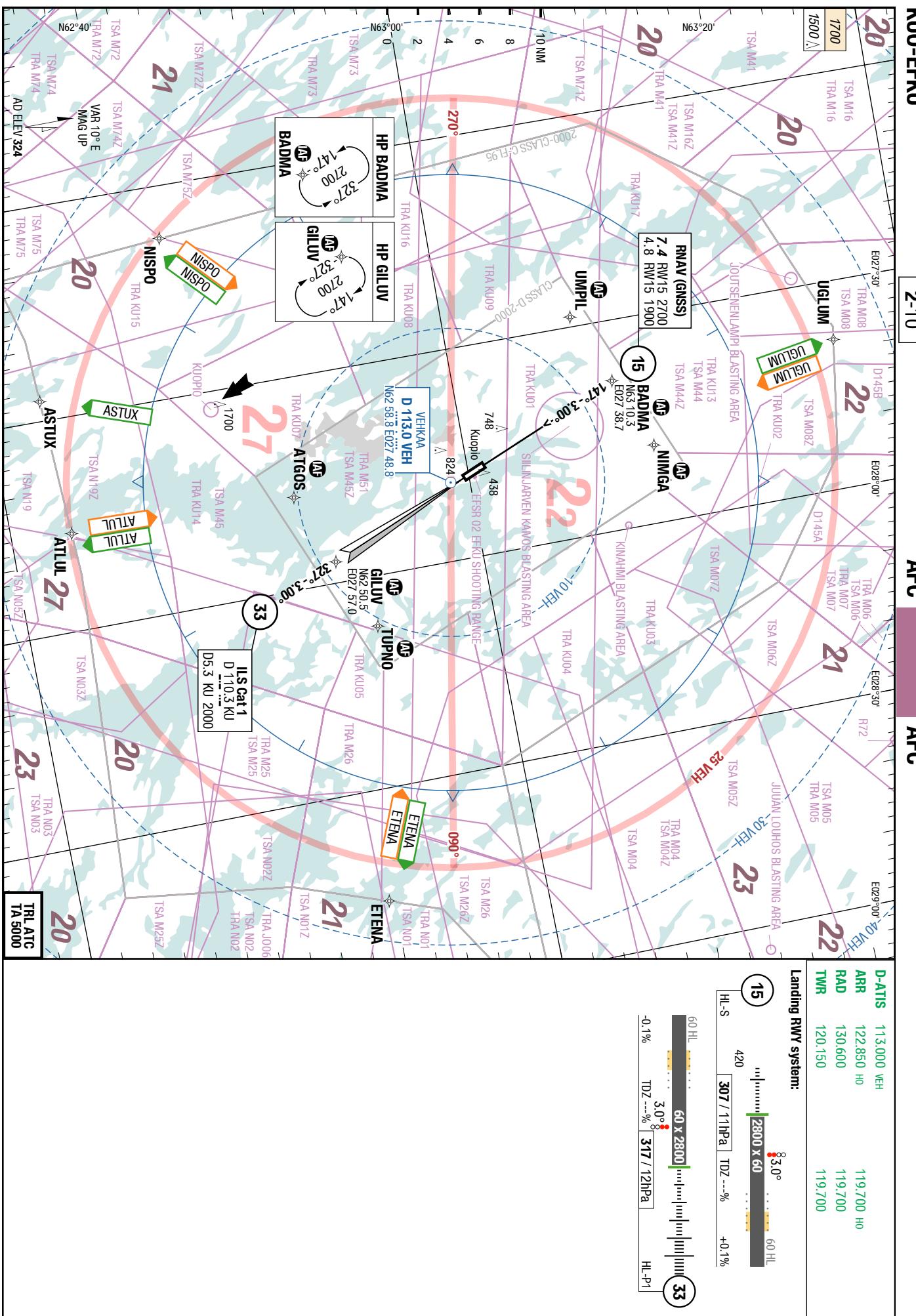
After TKOF climb as rapidly as possible to at least 2000ft above AD ELEV. Published SID routes are also MNM noise routings.

**Intersection TKOF**

Intersection TKOF AVBL upon PIC's REQ.

**De-Icing**

AVBL MON-FRI 0600-1500‡



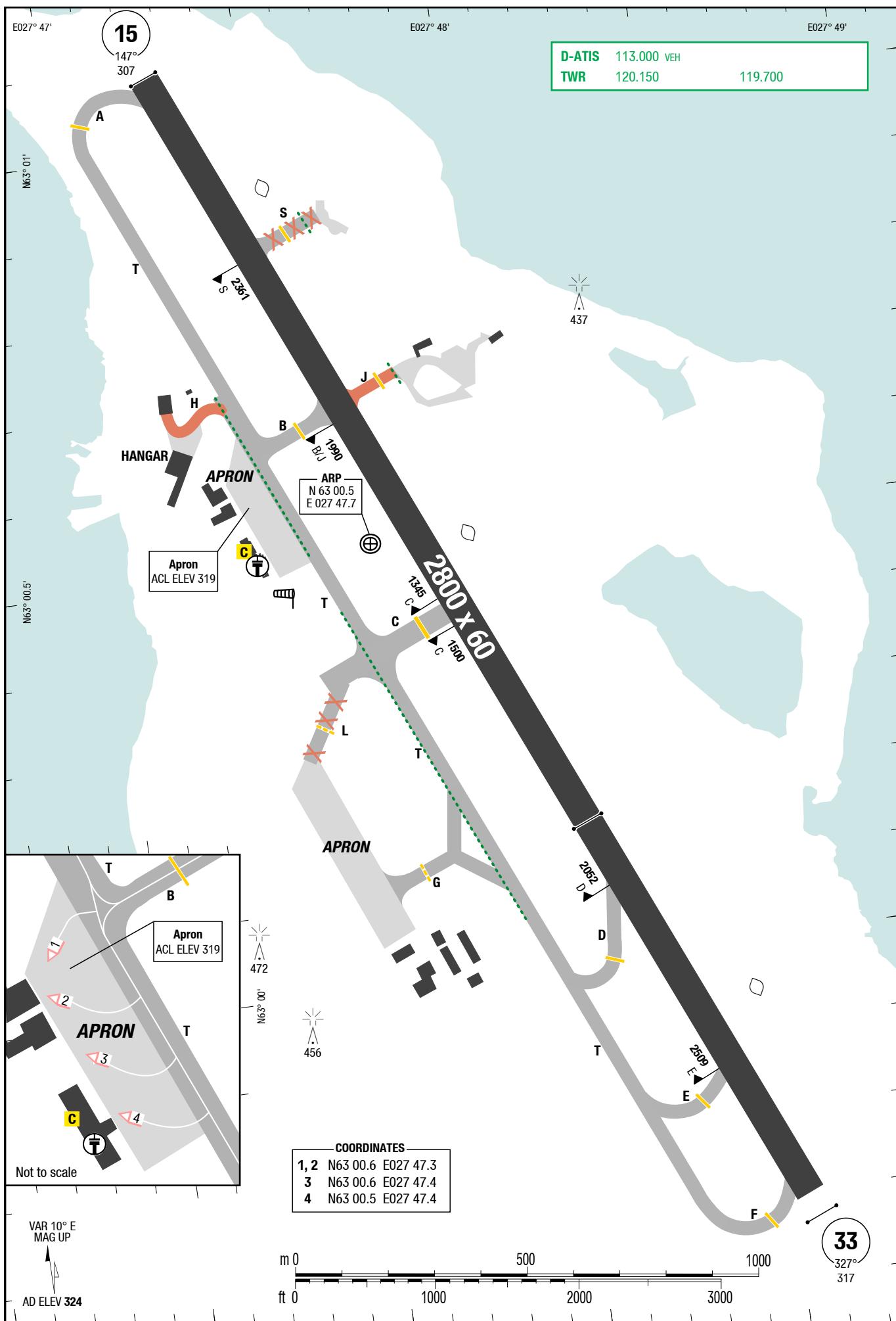
Effective 26-Apr-2018  
19-APR-2018

KUO-EFKU

Finland Kuopio  
AGC  
AGC  
AGC  
Kuopio Finland

D-ATIS 113.000 VEH  
TWR 120.150 119.700

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Effective 26-APR-2018

19-APR-2018

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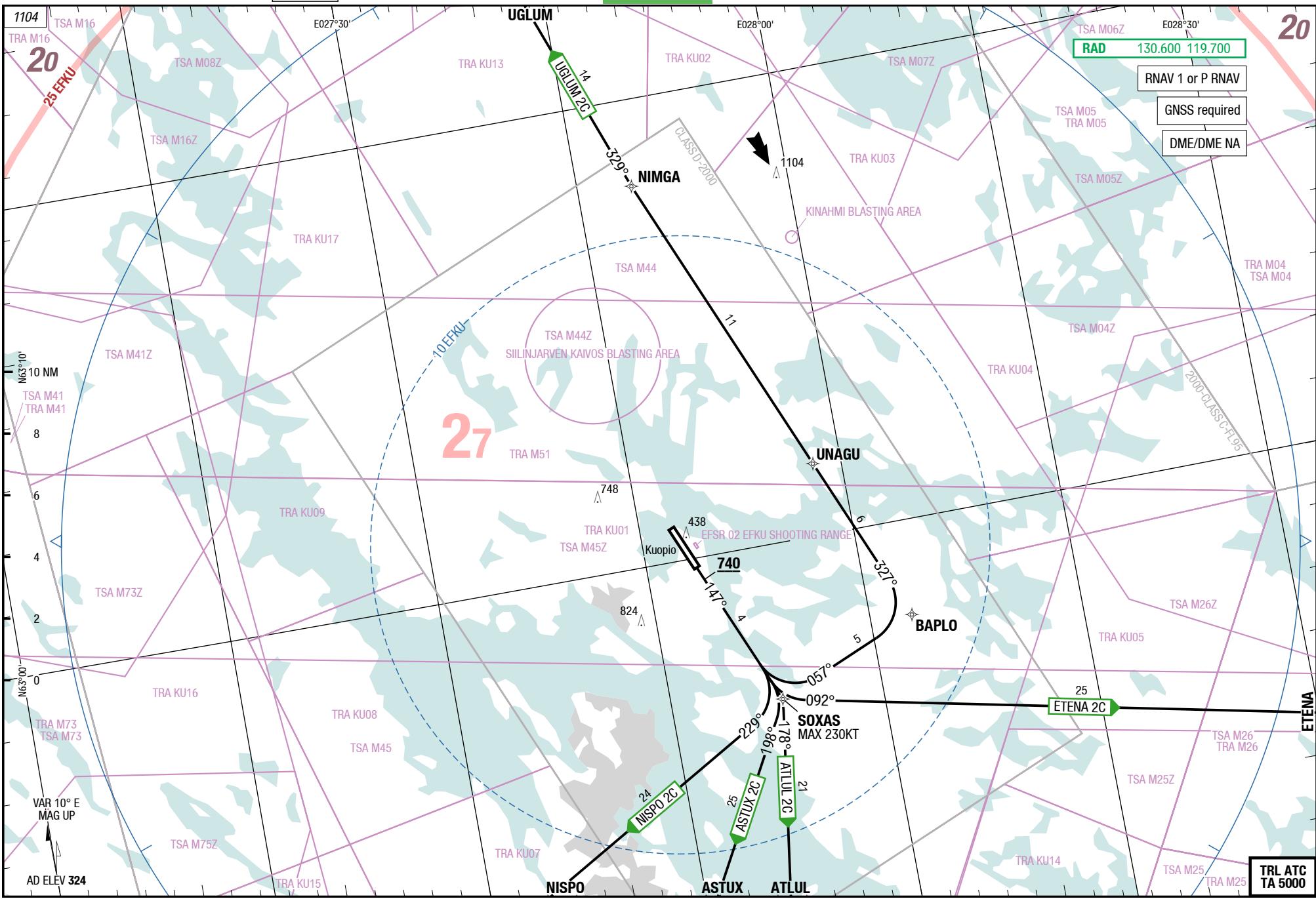
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RNAV SIDs RWY 33

Kuopio Finland

RNAV SIDs RWY 33

RNAV SIDs RWY 15



Changes: ALT, ASP, PROC, OBST, SUAs, PROC renumbered

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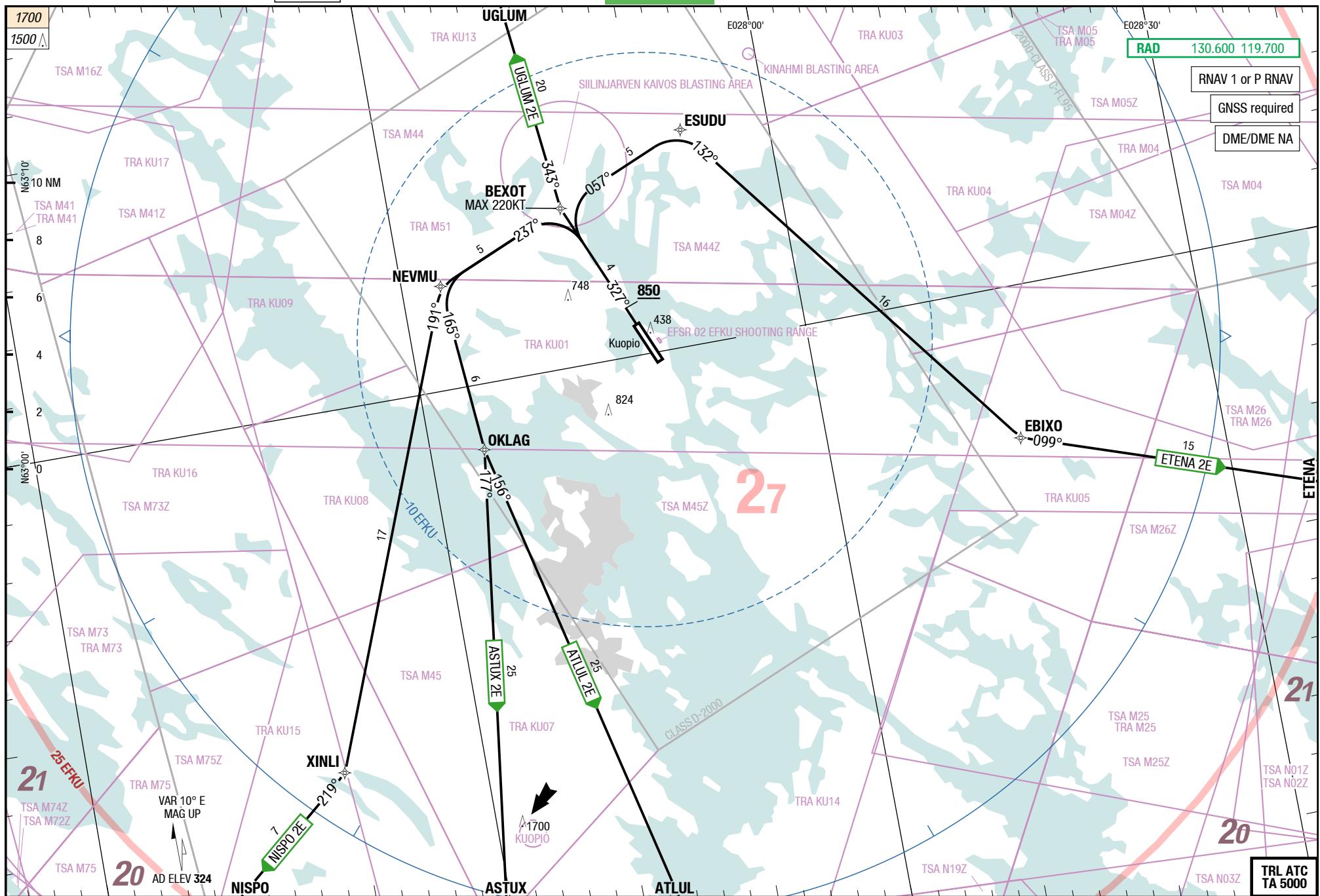
## **RNAV SIDs RWY 33**

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## **RNAV SIDs RWY 33**

SID

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RNAV SIDs RWY 15

ASTUX 2C / ATLUL 2C / ETENA 2C / NISPO 2C / UGLUM 2C

RWY 15 (147°)

	GS	120	150	180	210	240	270
	3.9%	ft/MIN	500	600	800	900	1000
							1100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 15	
<b>ASTUX 2C</b> 3.9% to 530 <b>130.600</b> ①	147° [A740+] - DCT SOXAS [K230-] - ASTUX	
<b>ATLUL 2C</b> 3.9% to 530 <b>130.600</b> ①	147° [A740+] - DCT SOXAS [K230-] - ATLUL	
<b>ETENA 2C</b> 3.9% to 530 <b>130.600</b> ①	147° [A740+] - DCT SOXAS [K230-] - ETENA	
<b>NISPO 2C</b> 3.9% to 530 <b>130.600</b> ①	147° [A740+] - DCT SOXAS [K230-] - NISPO	
<b>UGLUM 2C</b> 3.9% to 530 <b>130.600</b> ①	147° [A740+] - DCT SOXAS [K230-] - BAPLO - UNAGU - NIMGA - UGLUM	

① Close-in obstacles exist

ASTUX 2E / ATLUL 2E / ETENA 2E / NISPO 2E / UGLUM 2E

RWY 33 (327°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 33	
<b>ASTUX 2E 130.600</b>	327° [A850+] - DCT BEXOT [K220-] - NEVMU - OKLAG - ASTUX	
<b>ATLUL 2E 130.600</b>	327° [A850+] - DCT BEXOT [K220-] - NEVMU - OKLAG - ATLUL	
<b>ETENA 2E 130.600</b>	327° [A850+] - DCT BEXOT [K220-] - ESUDU - EBIXO - ETENA	
<b>NISPO 2E 130.600</b>	327° [A850+] - DCT BEXOT [K220-] - NEVMU - XINLI - NISPO	
<b>UGLUM 2E 130.600</b>	327° [A850+] - DCT BEXOT [K220-] - UGLUM	

## DEPARTUREs

	GS	120	150	180	210	240	270	
3.9%	ft/MIN	500	600	800	900	1000	1100	

## RWY

## Routing

## OMNIDIRECTIONAL DEP

**RWY 15**

3.9% to 530

RWY HDG - climb until MNM turning ALT **740**.**RWY 33**RWY HDG - climb until MNM turning ALT **850**.

## RWY

## Notes

**15**

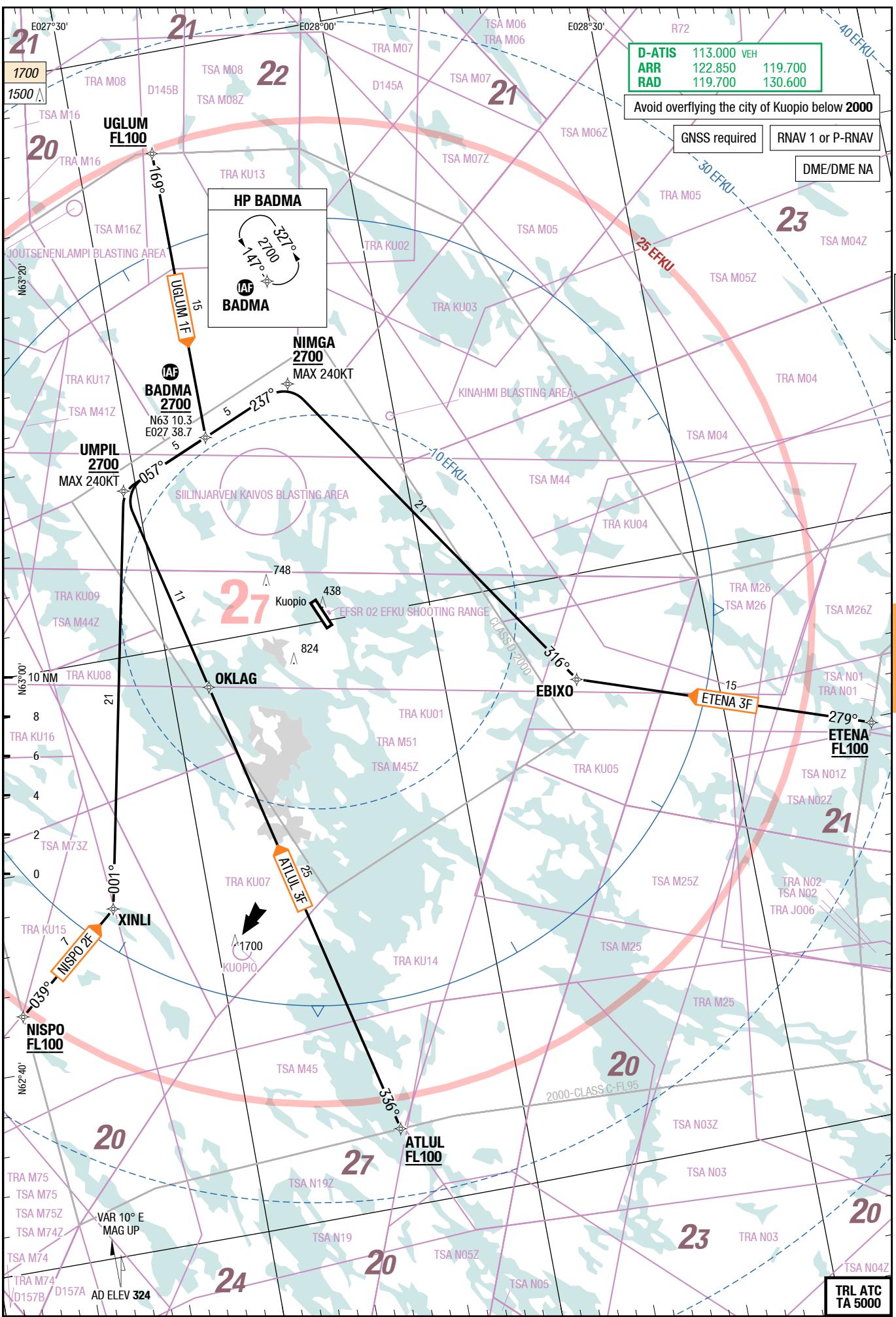
1. Close in obstacles exist.

2. Published close-in obstacles not considered in climb gradient.

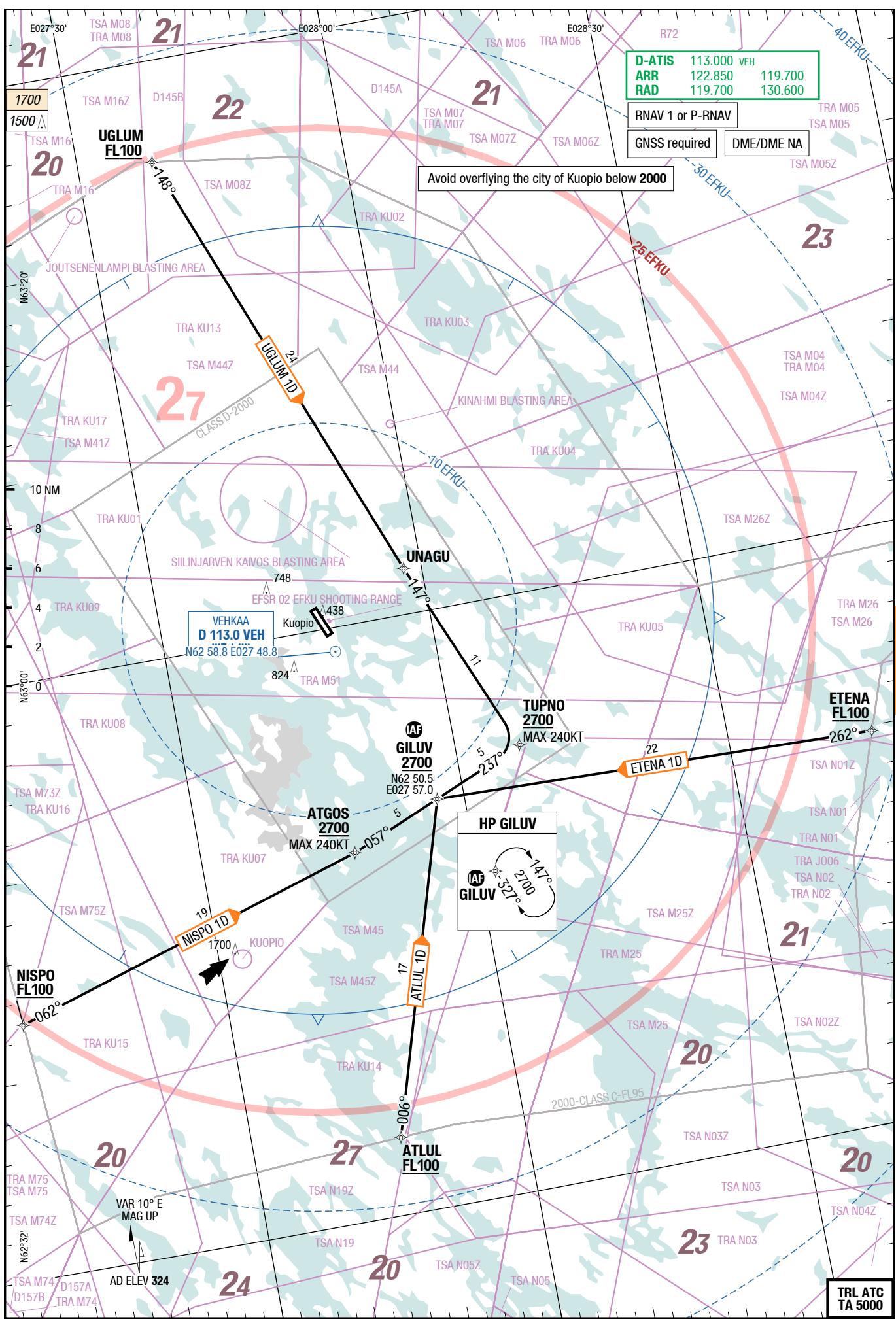
19-APR-2018

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Finland Kuopio  
RNAV STARS RWY 15STAR  
STARKuopio Finland  
RNAV STARS RWY 33  
RNAV STARS RWY 15

Changes: ASP, MGA, SUAs, OBST, Editorial

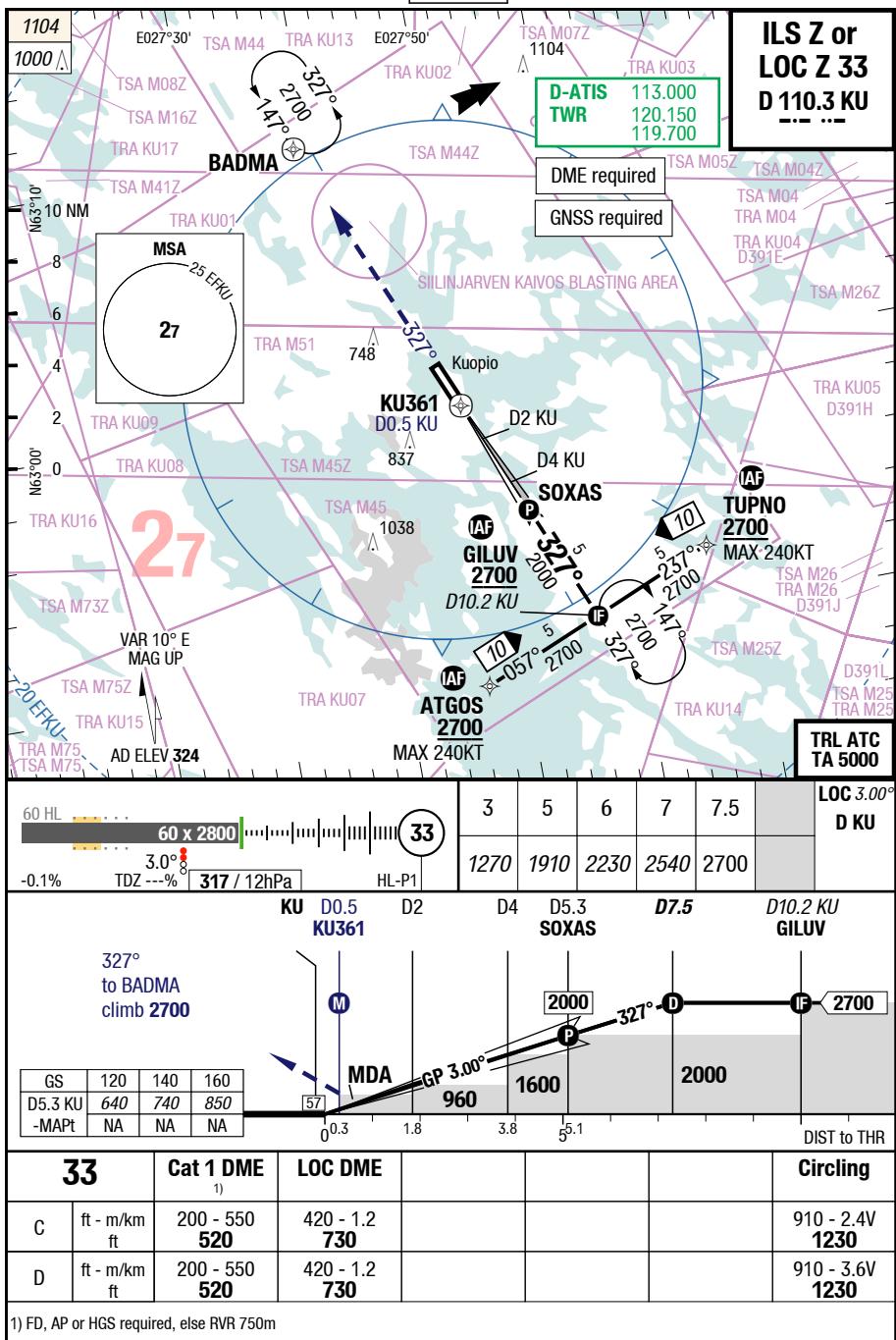


24-MAR-2016

## KUO-EFKU

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## ILS Z or LOC Z 33



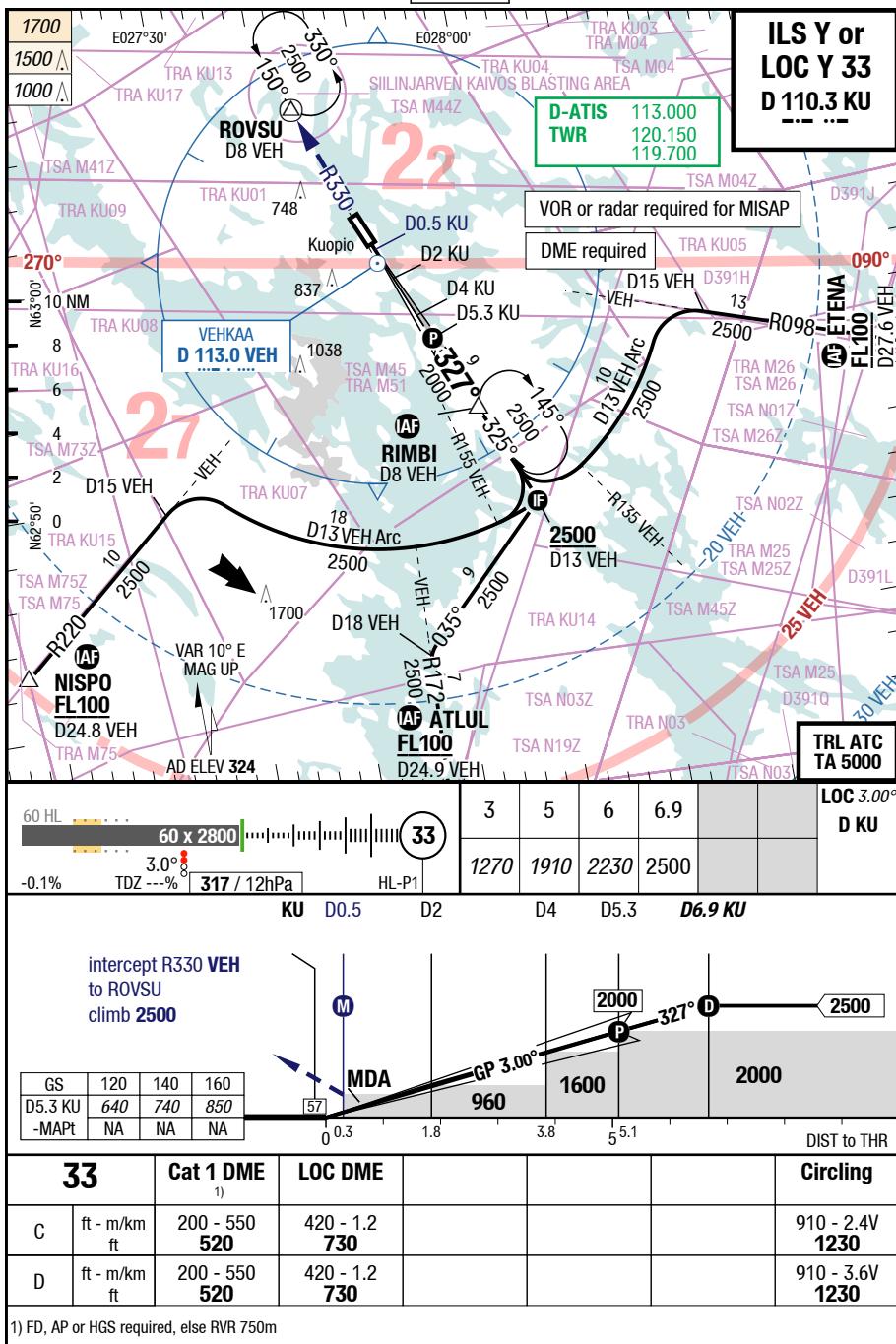
Changes: MIN

24-MAR-2016

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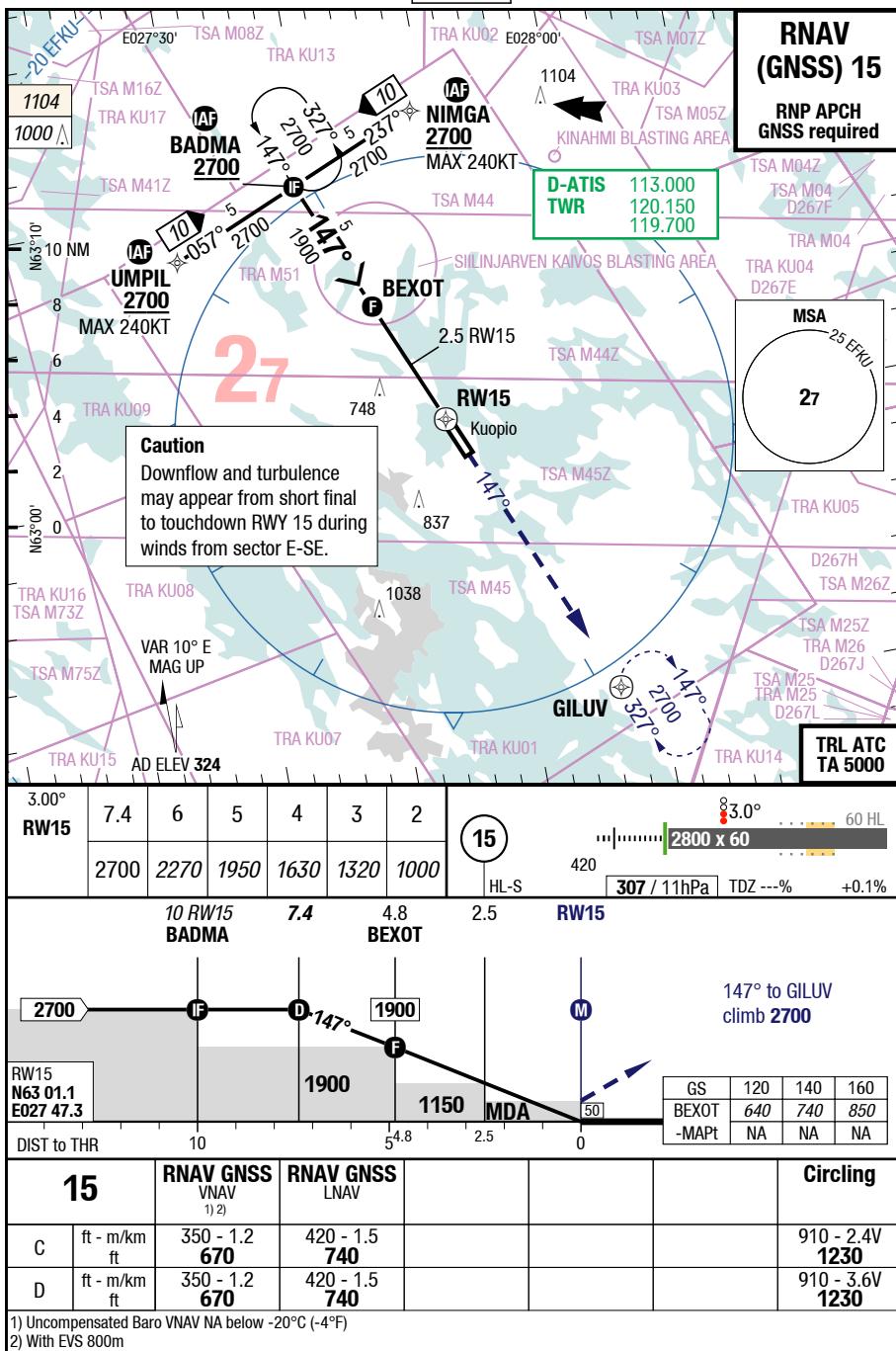
ILS Y or LOC Y 33



Changes: MIN

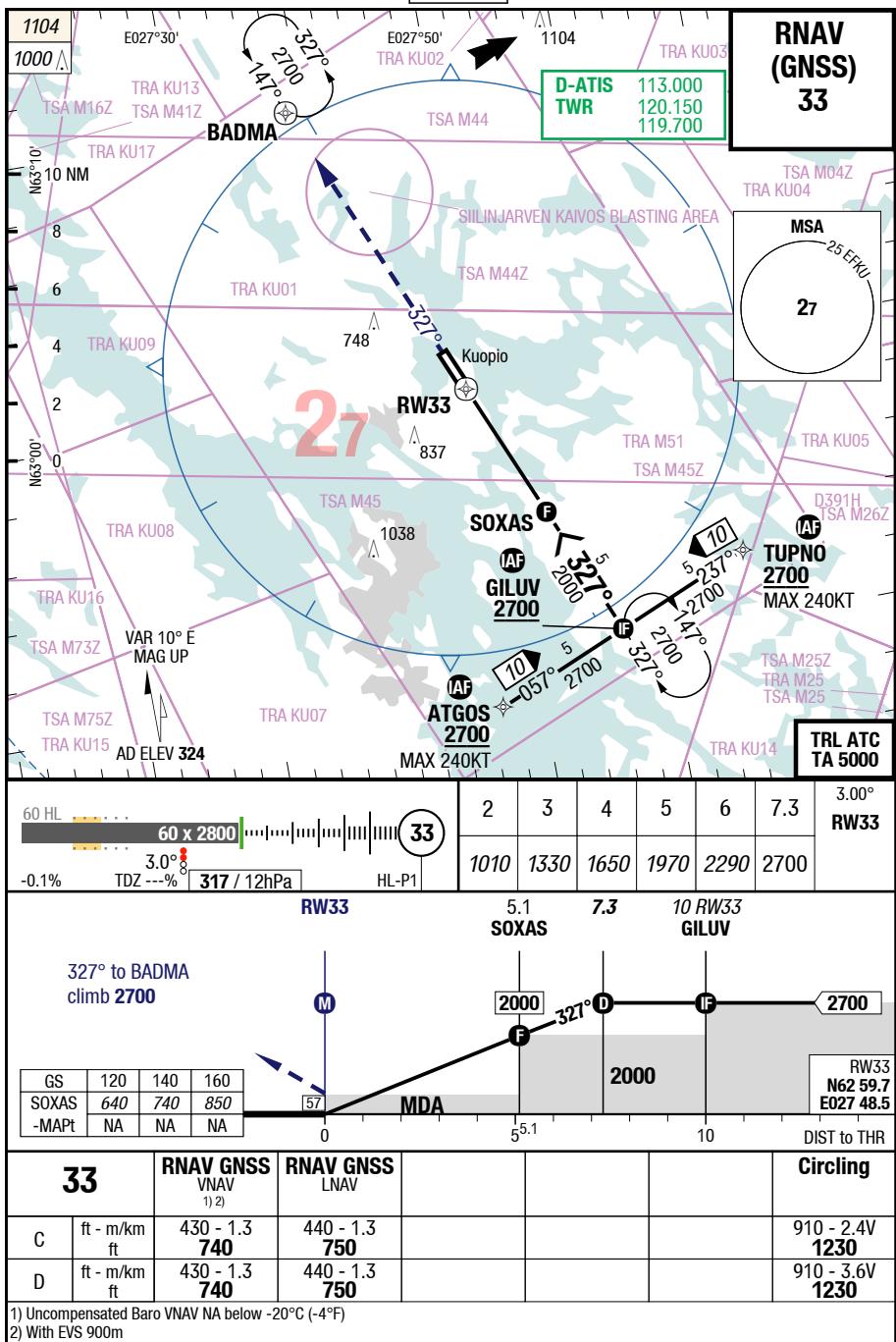
7-30

## RNAV (GNSS) 15



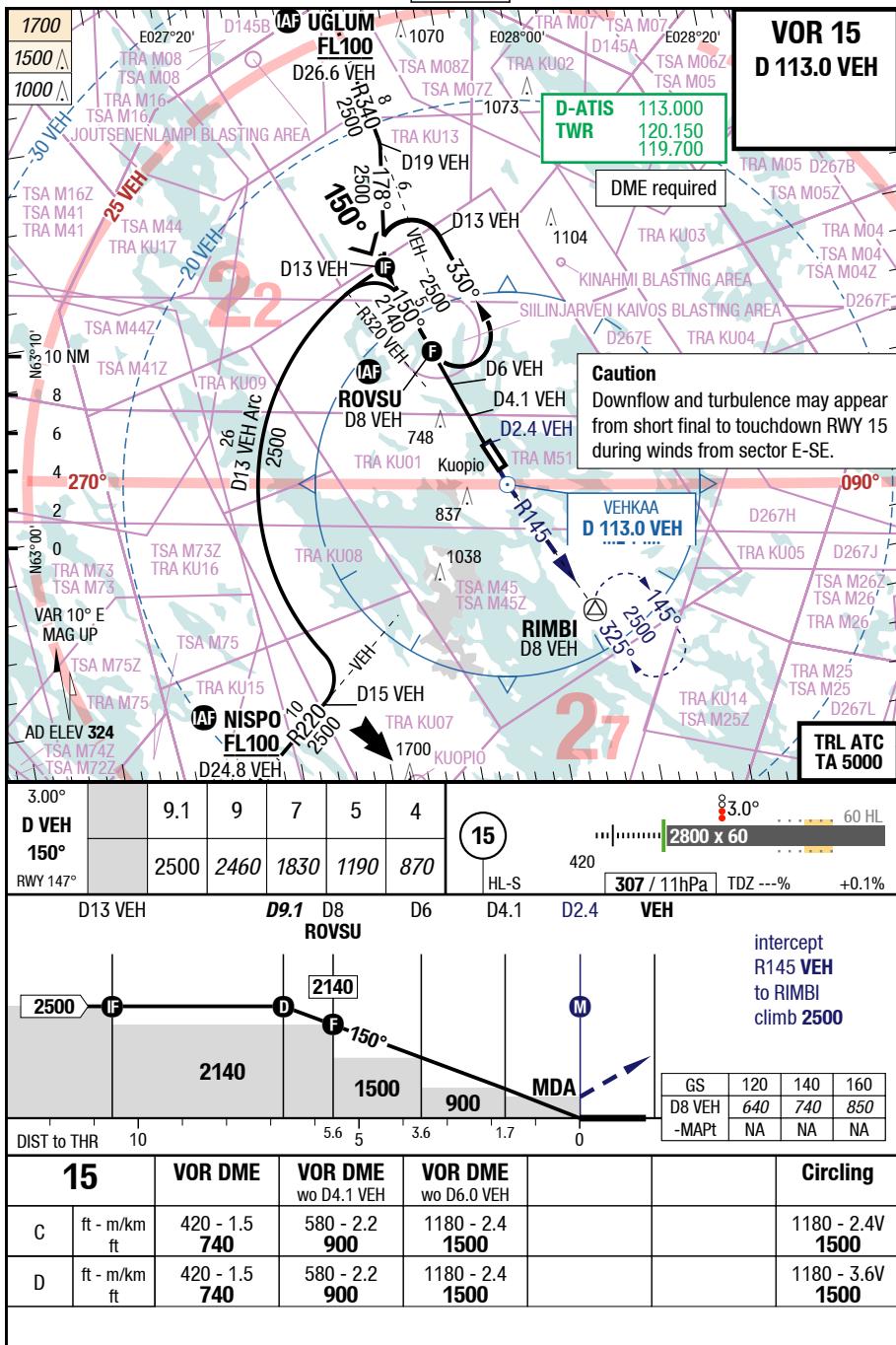
7-40

## RNAV (GNSS) 33



7-50

VOR 15



Changes: WPT , DIST ALT table, MIN, HLDG, Note, SUAs, MOCA

19-APR-2018

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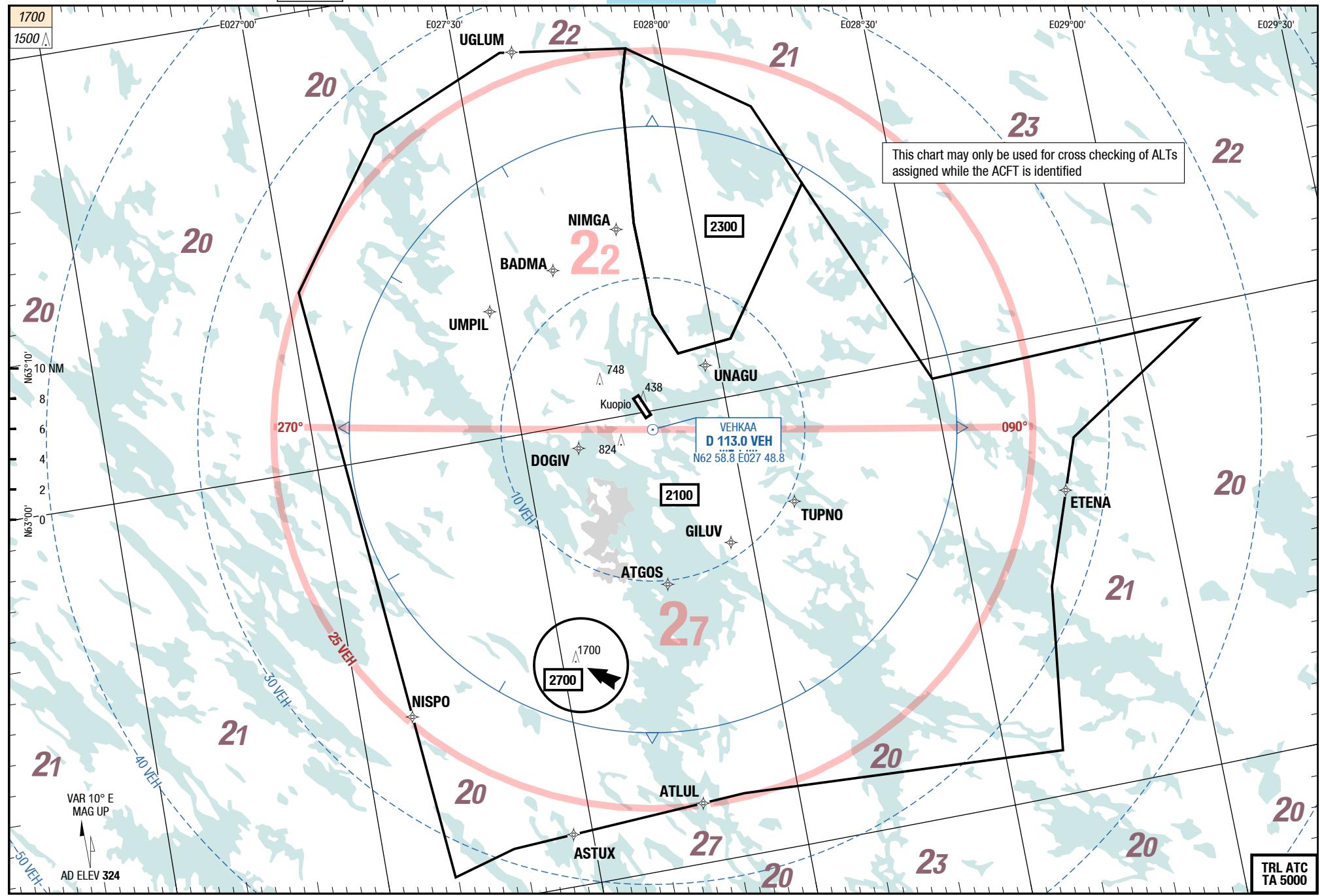
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**MRC**

Kuopio Finland

NIL  
MRC

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## Changes: MGA, OBST