

TOF-UNTT

1-10

AOI

AOI

GENERAL

Operational Hours

ATS Hours: H24

AD OPS Hours : 2300-1200

AD ADMIN Hours: MON-THU 0100-1000, FRI 0100-0900, SAT, SUN and HOL CLSD

Airport Information

RFF: CAT 7 2300-1200, CAT 3 H24

Fuel: TS-1, H24

PCN: RWY 03/21: 67/R/B/X/T

Customs: By coordination

Operation

Traffic Note

| AD AVBL as ALTN for INTL flights during AD OPS hours.

| PPR is required for INTL flights.

Low Visibility Procedure

Follow-me mandatory during LVP.

Report call sign and stand to ATS after arrival at stand.

The following is prohibited when LVP in force:

- TKOF not beginning from RWY.
- TKOF without stop at line-up PSN

TWY Restriction

TWY A-E, M width 18m / 59ft.

Taxi/Parking

During winter conditions the taxi guide line may be invisible due to snow; follow-me AVBL O/R via TWR.

Taxiing under own ENG power on APN AVBL for ACFT with wingspan below 60m / 197ft.

Taxiing at night and during day-time when VIS is below 2000m shall be carried out with navigation/taxi lights switched on.

Follow-me AVBL via TWR.

B767 taxiing along TWY B, E, M (from TWY D to E) prohibited.

B767 taxiing shall be carried along TWY A, C, D, M (from TWY A to TWY D).

Taxiing into stands 1-4 in south-east direction shall be carried out by push-back.

Taxiing into stands 12, 13 and 14 shall be carried out by towing.

Taxiing into stands 15 and 16 in the north-east direction shall be carried out by push-back.

Taxiing into stands 17, 18 and 19 in the south-east direction shall be carried out by push-back.

Taxiing into stand 20 in the south-west direction shall be carried out by towing.

Taxiing into stands 26-29 shall be carried out by towing.

Taxiing out of stand 1 in the north-west direction shall be carried out by towing.

Taxiing out of stand 1 for Tu-204 and B757 in the north-west and south-east direction shall be carried out by towing.

Taxiing out of stands 2-4 in the north-west and south-east direction shall be carried out by towing.

Taxiing out of stands 12, 13 and 14 shall be carried out by towing.

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Taxiing out of stands 15 and 16 in the south-east direction shall be carried out by push-back.

Taxiing out of stands 17, 18 and 19 in the north-west direction shall be carried out by towing.

Taxiing out of stands 26-29 shall be carried out by towing.

Warnings

Birds in vicinity of AD.

ARRIVAL**Communication**

COM Failure: See CRAR and in addition:

In case of RCF and unable to carry out LDG at Tomsk AD, diversion to alternate AD must be carried out at the nearest lower FL (but not lower than the safe FL) depending on the flight direction, or at FL140 or FL150, FL240 or FL250 specially established for FLT without radio COM depending on movement direction.

Arrival Procedure**Noise Abatement Procedure**

Apply noise abatement procedures while flying over Aksenovo, Yagodnoe and Arkashevo:

- all ENG operate in similar mode
- flaps set into MNM safe PSN
- if possible, no reverse thrust, especially at night.

Warnings

Longitudinal slope of RWY segment adjoining THR 21 exceeds normative value. Landing shall be carried out with extreme caution.

DEPARTURE**Take-off Minima**

RWY	03/21		
All ACFT	ft - m/km	0 - 300V	-

Communication

COM Failure: See CRAR and in addition:

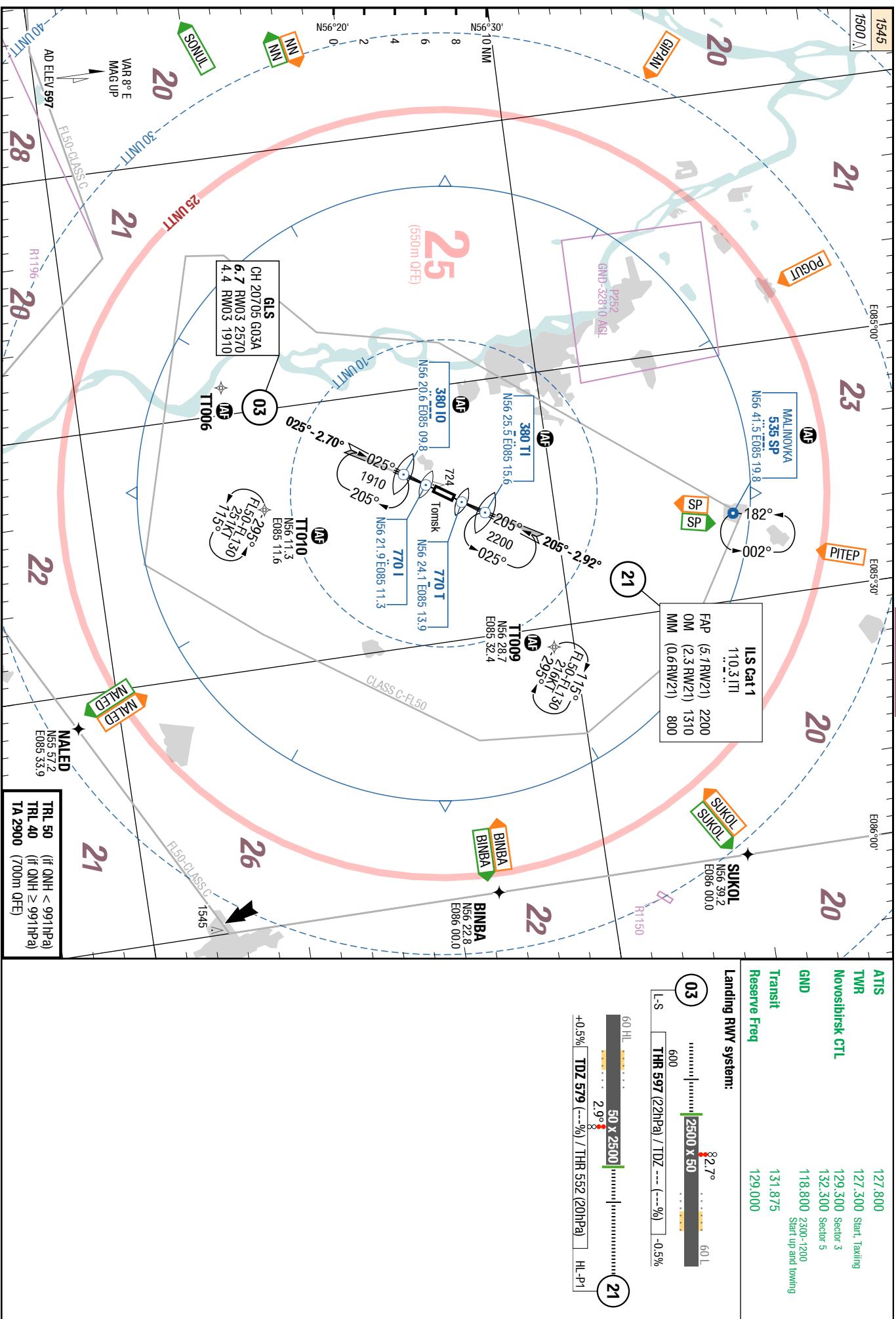
In case of COM failure during climb proceed to the last FL assigned by ATC.

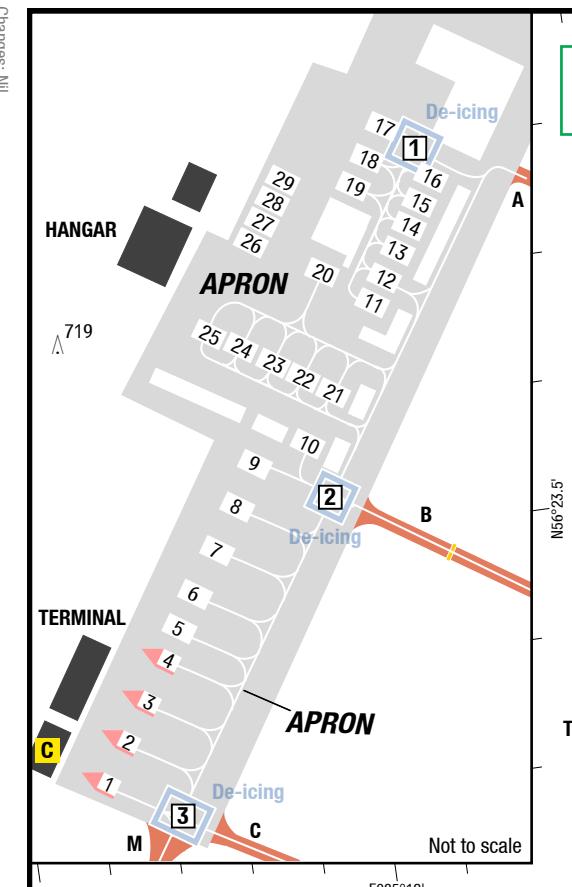
Departure Procedure**Noise Abatement Procedure**

TKOF RWY 21 shall be carried out strctly along RCL and if DEP is via Kozhevnikovo NDB, the right turn must be started at distance not less than 5.5km / 3NM from southern THR of RWY.

De-Icing

AVBL





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[RNAV SIDs RWY 21]

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RNAV SIDs RWY 03

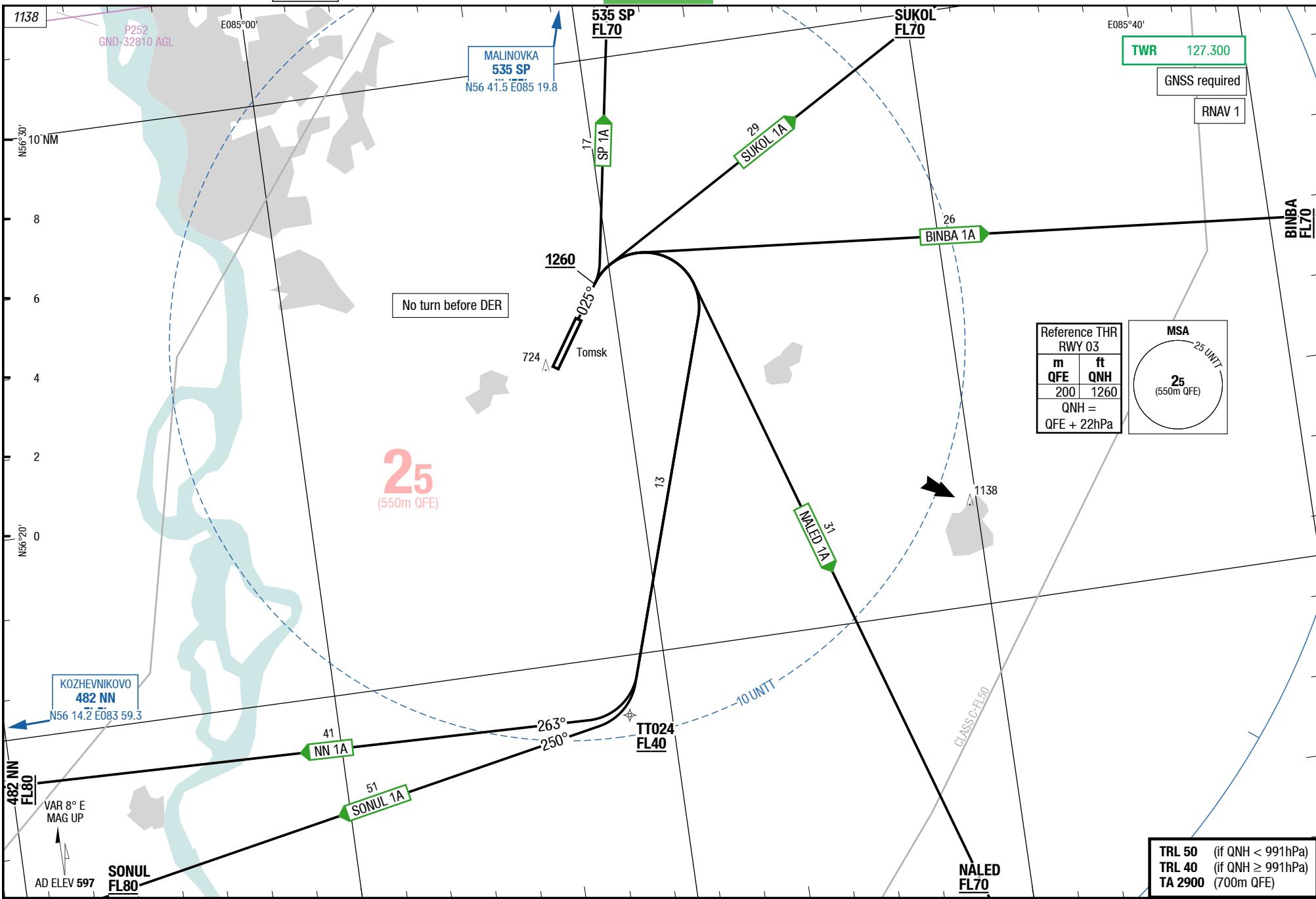
SID

SID

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[RNAV SIDs RWY 21]

RNAV SIDs RWY 03



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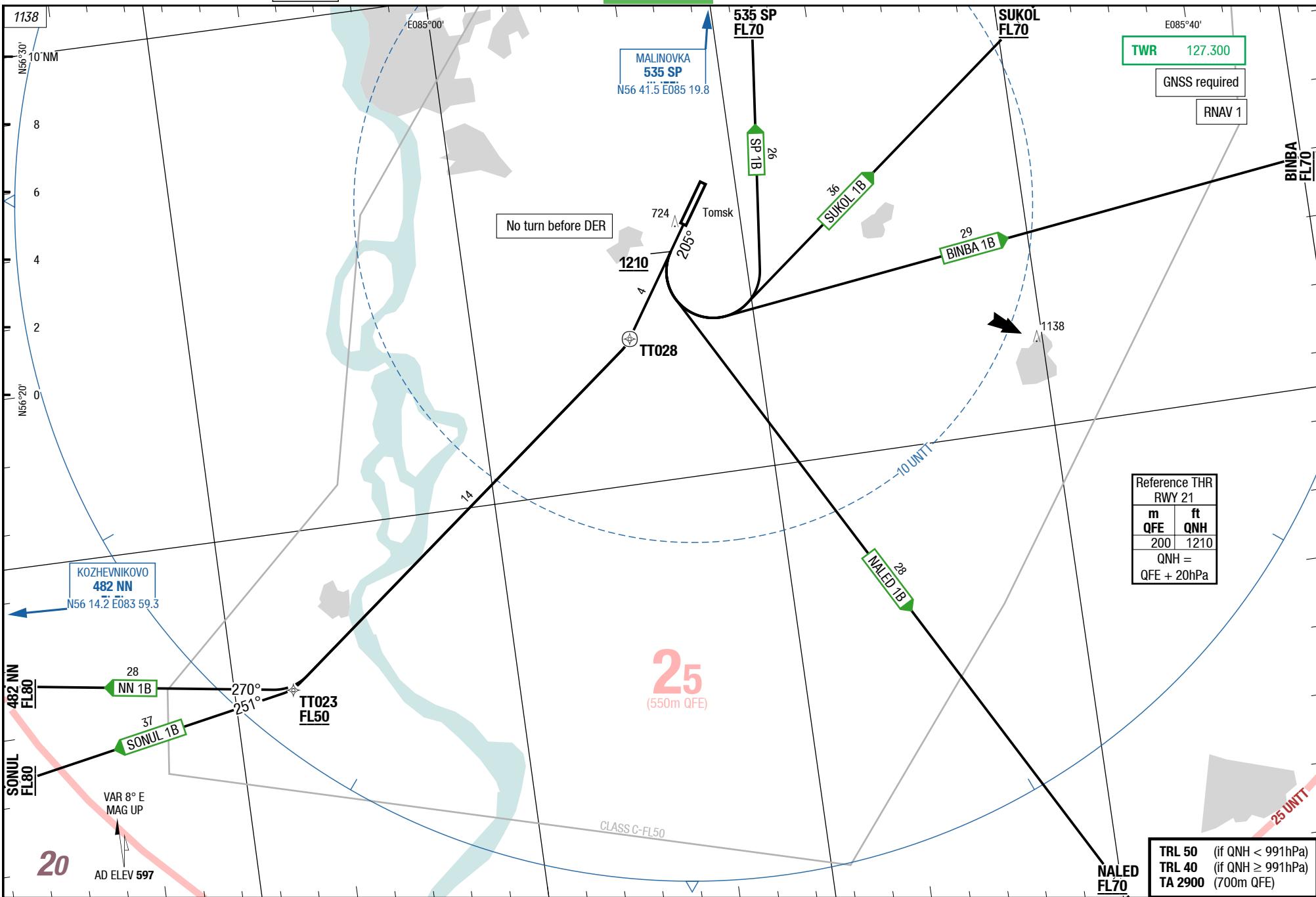
4-20

RNAV SIDs RWY 21

SID

SID

RNAV SIDs RWY 21



Changes: new

TOF-UNTT

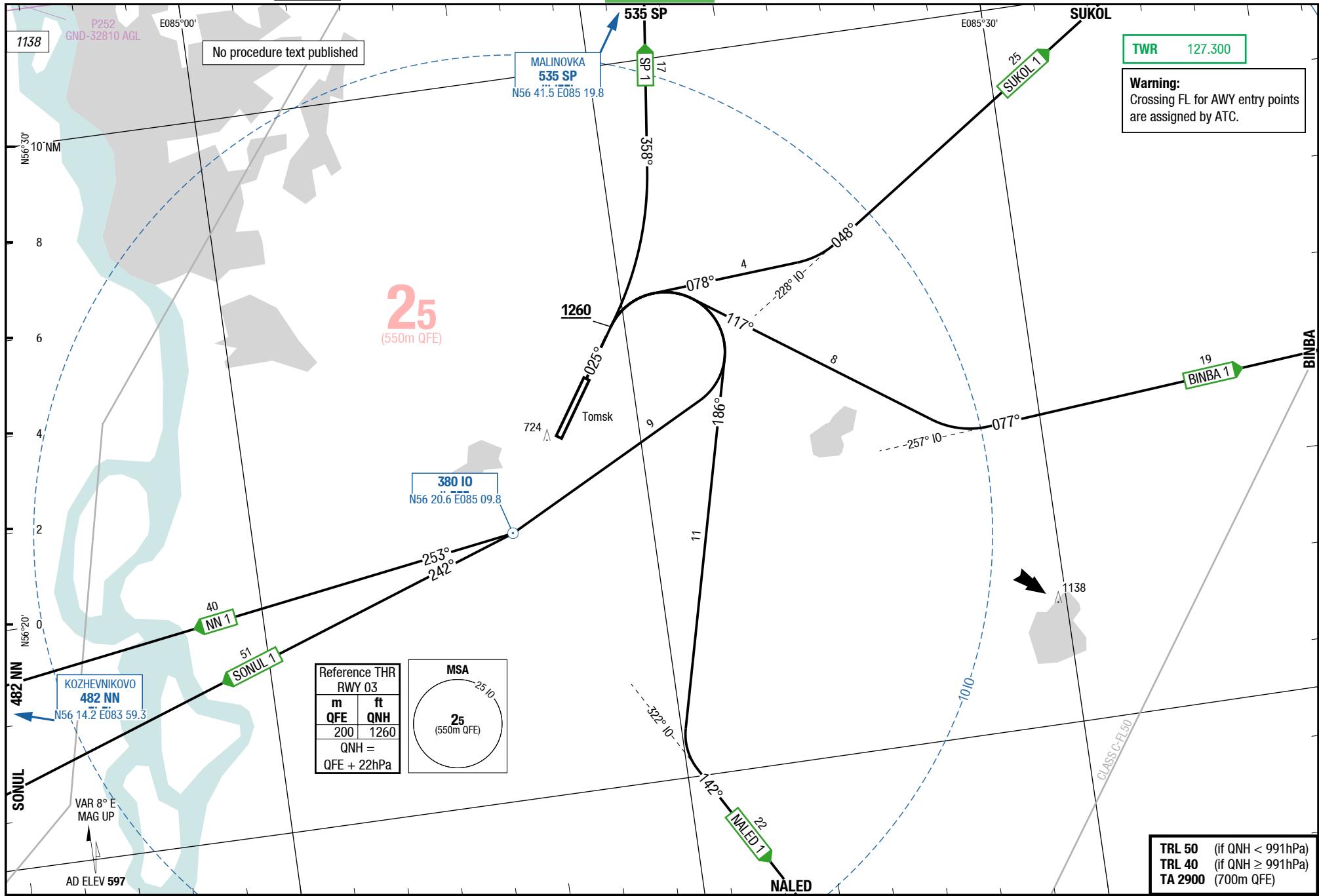
4-30

SIDs RWY 03

SID

5

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SIDs RWY 21
SIDs RWY 03



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4-40

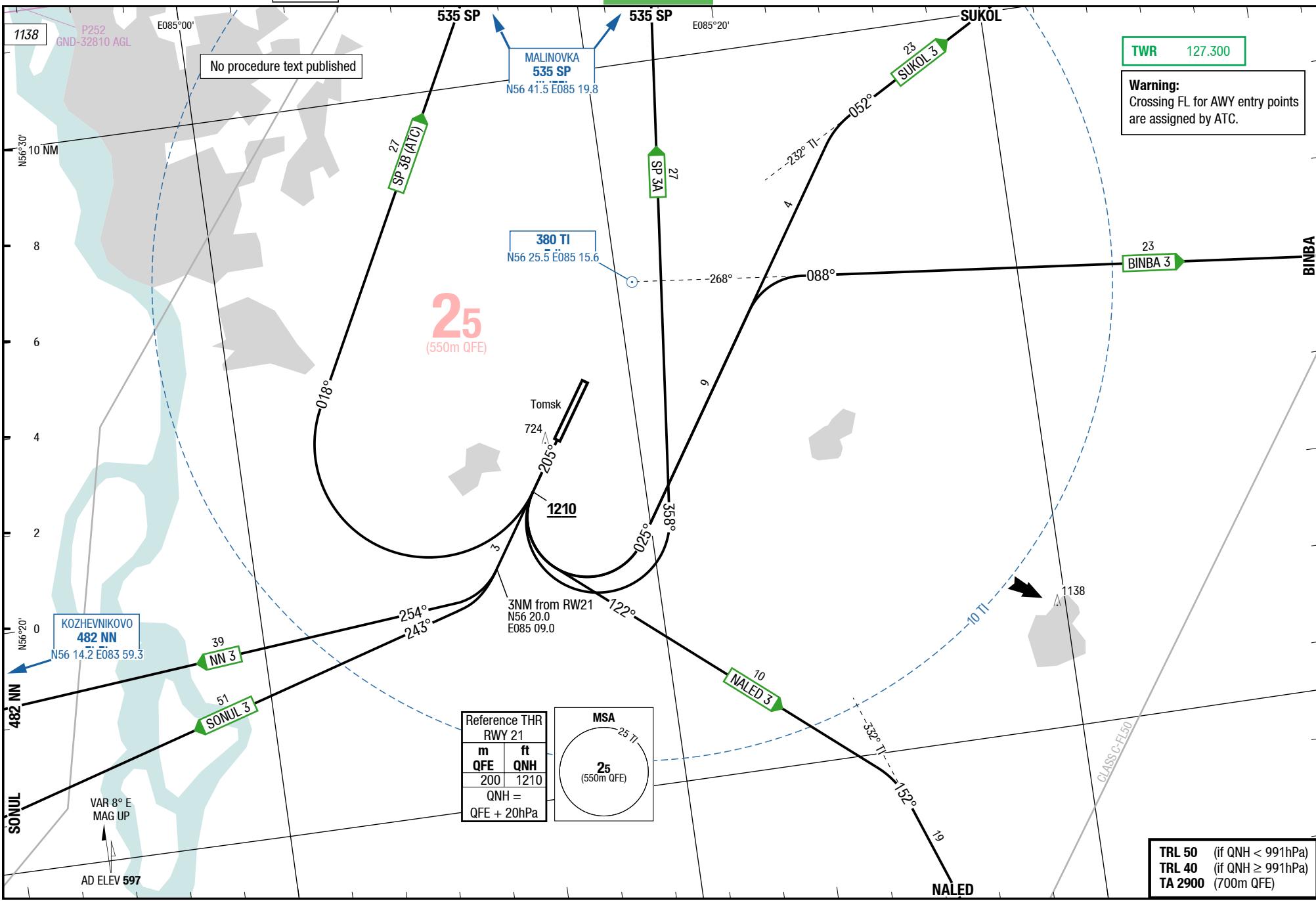
SIDs RWY 21

SID

SID

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SIDs RWY 21



TOF-UNTT

5-10

RNAV SIDs RWY 03

BINBA 1A / KOZHEVNIKOVO 1A / MALINOVKA 1A / NALED 1A / SONUL 1A / SUKOL 1A
RWY 03 (025°)

	GS	120	150	180	210	240	270
3.8%	ft/MIN	500	600	700	900	1000	1100
4.2%	ft/MIN	600	700	800	900	1100	1200
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 03	
BINBA 1A 4.2% to FL70 127.300 ①②	025° [A1260+] - DCT BINBA	BINBA MNM FL70
KOZHEVNIKOVO 1A NN 1A 127.300 ①	025° [A1260+] - DCT TT024 - NN	TT024 MNM FL40 NN MNM FL80
MALINOVKA 1A SP 1A 6.1% to FL70 127.300 ①②	025° [A1260+] - DCT SP	SP MNM FL70
NALED 1A 127.300 ①	025° [A1260+] - DCT NALED	NALED MNM FL70
SONUL 1A 127.300 ①	025° [A1260+] - DCT TT024 - SONUL	TT024 MNM FL40 SONUL MNM FL80
SUKOL 1A 3.8% to FL70 127.300 ①②	025° [A1260+] - DCT SUKOL	SUKOL MNM FL70

① No turn before DER.

② Climb gradient due to airspace structure.

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RNAV SIDs RWY 21

BINBA 1B / KOZHEVNIKOVO 1B / MALINOVKA 1B / NALED 1B / SONUL 1B / SUKOL 1B
RWY 21 (205°)

SIDPT

	GS	120	150	180	210	240	270
3.8%	ft/MIN	500	600	700	900	1000	1100
4.0%	ft/MIN	500	700	800	900	1000	1100
4.5%	ft/MIN	600	700	900	1000	1100	1300

DESIGNATOR	ROUTING	ALTITUDES
	Runway 21	
BINBA 1B 127.300 ①	205° [A1210+ ;L] - DCT BINBA	BINBA MNM FL70
KOZHEVNIKOVO 1B NN 1B 4.0% to FL50 127.300 ①②	205° [A1210+] - DCT <u>TT028</u> - DCT TT023 - NN	TT023 MNM FL50 NN MNM FL80
MALINOVKA 1B SP 1B 127.300 ①	205° [A1210+ ;L] - DCT SP	SP MNM FL70
NALED 1B 3.8% to FL70 127.300 ①②	205° [A1210+] - DCT NALED	NALED MNM FL70
SONUL 1B 4.5% to FL50 127.300 ①②	205° [A1210+] - DCT <u>TT028</u> - DCT TT023 - SONUL	TT023 MNM FL50 SONUL MNM FL80
SUKOL 1B 127.300 ①	205° [A1210+ ;L] - DCT SUKOL	SUKOL MNM FL70

① No turn before DER.

② Climb gradient due to airspace structure.

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[RNAV STARs RWY 21]

STAR

STAR

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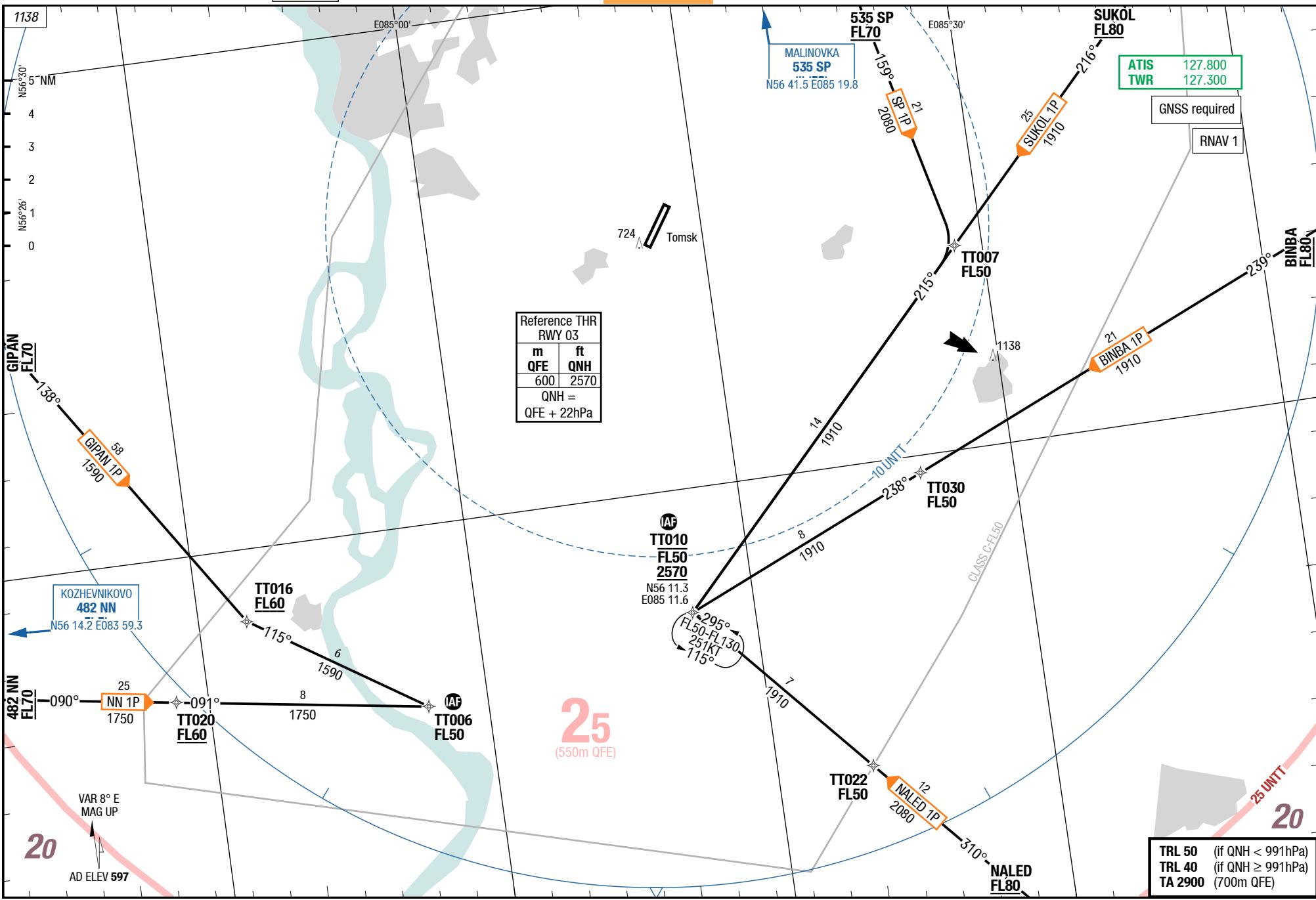
[RNAV STARs RWY 21]

RNAV STARs RWY 03

TOF-UNTT

6-10

RNAV STARs RWY 03



Changes: Completely revised

Effective 26-APR-2018
19-APR-2018

Russian Federation Tomsk Bogashevo

STAR

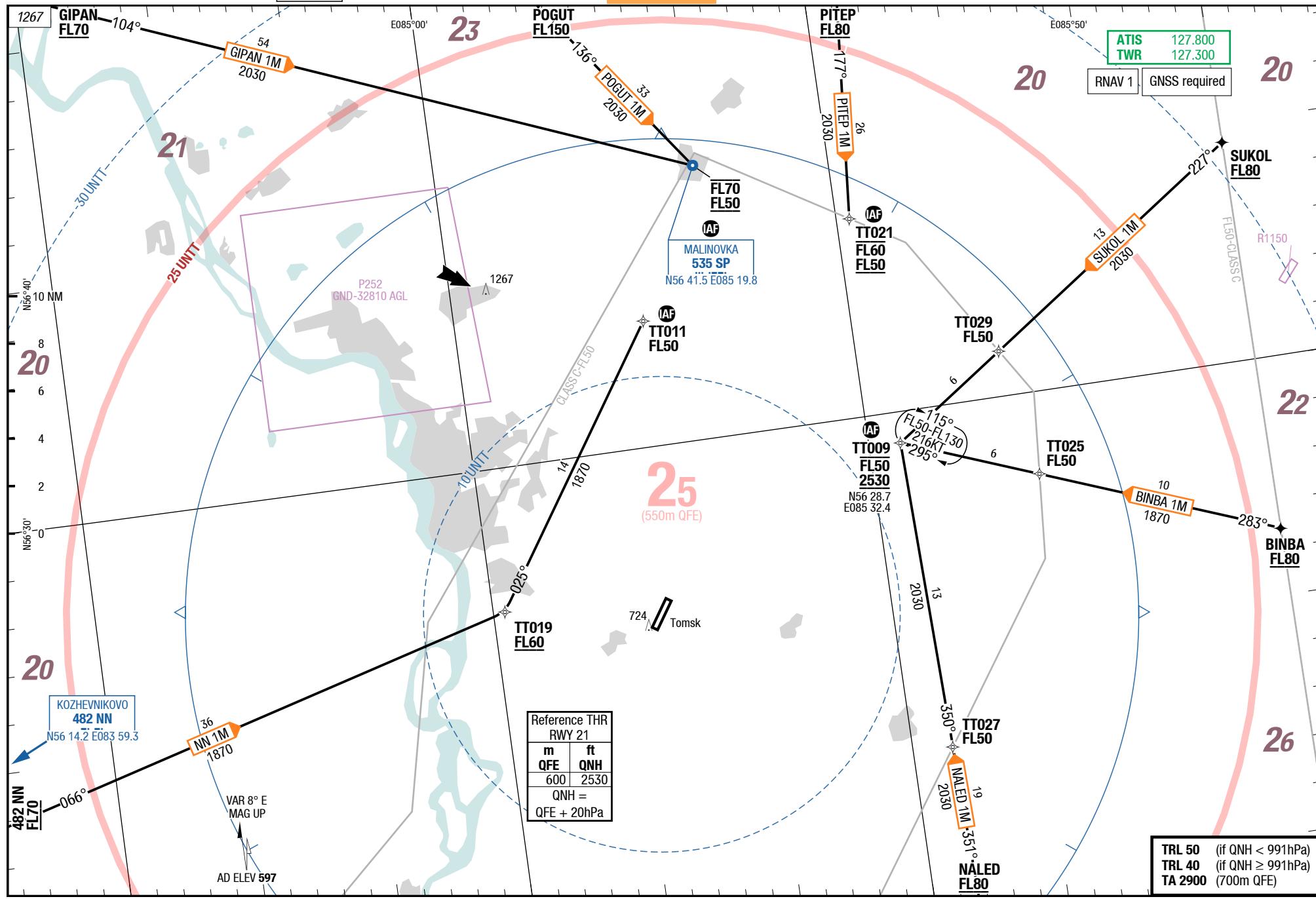
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6-20

RNAV STARs RWY 21



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Russian Federation Tomsk Bogashevo

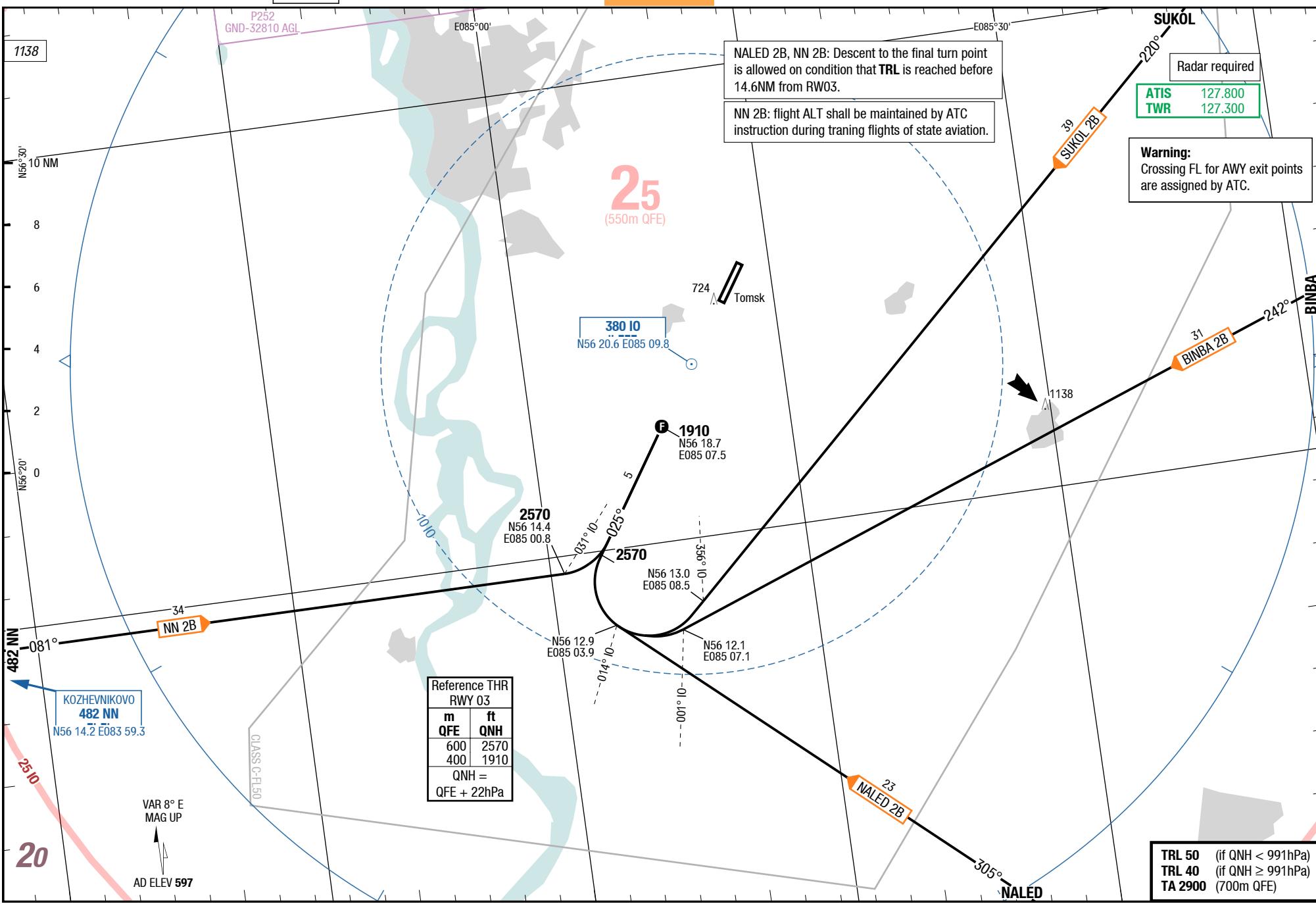
STAR
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6-30

STARs RWY 03 (Radar)



Changes: FREQ, SUAs, OBST

Effective 29-MAR-2018
22-MAR-2018

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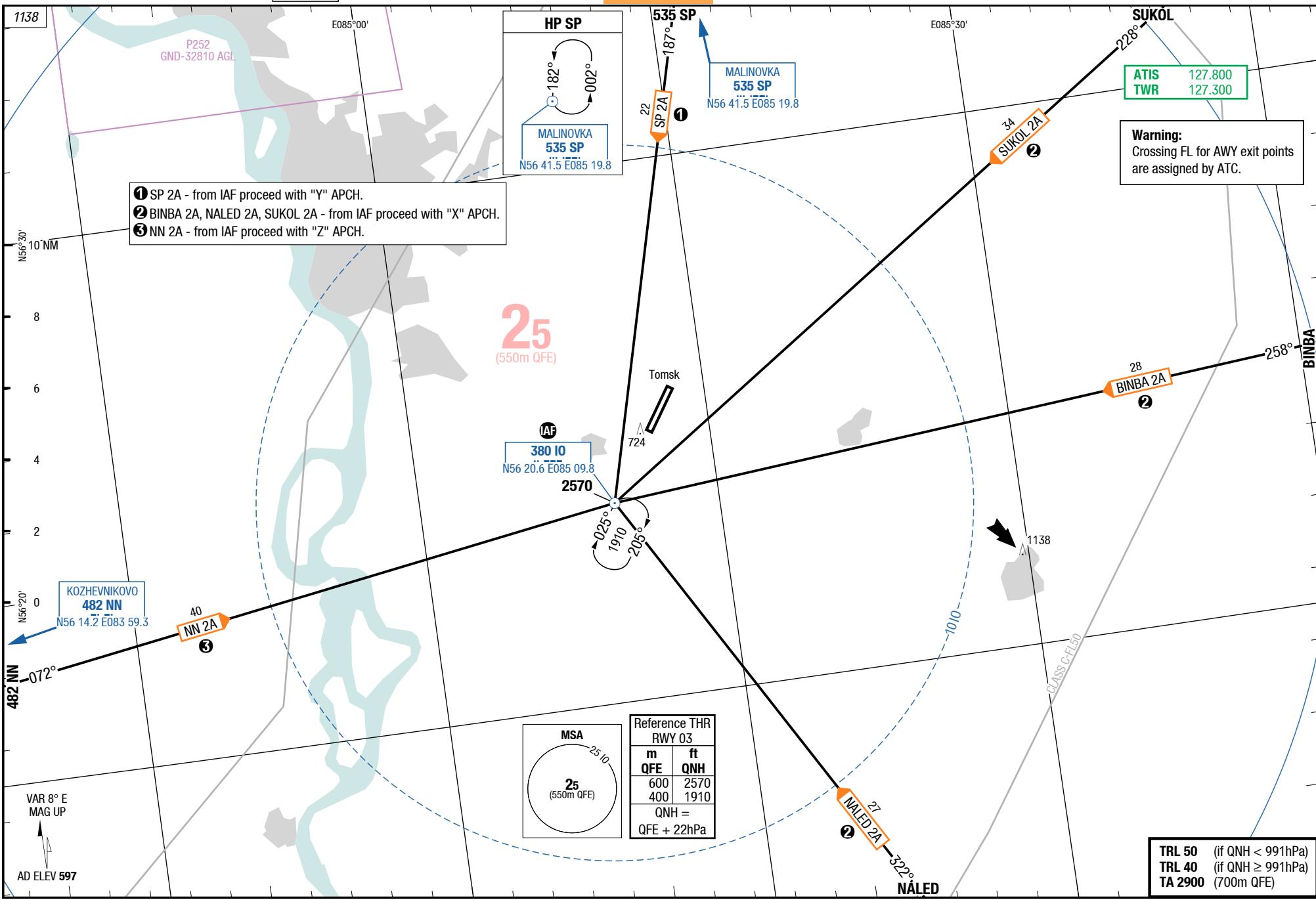
6-40

STARs RWY 03

STAR

STAR

STARs RWY 03



Changes: FREQ, OBST, SUAs

Effective 29-MAR-2018
22-MAR-2018

Russian Federation Tomsk Bogashevo

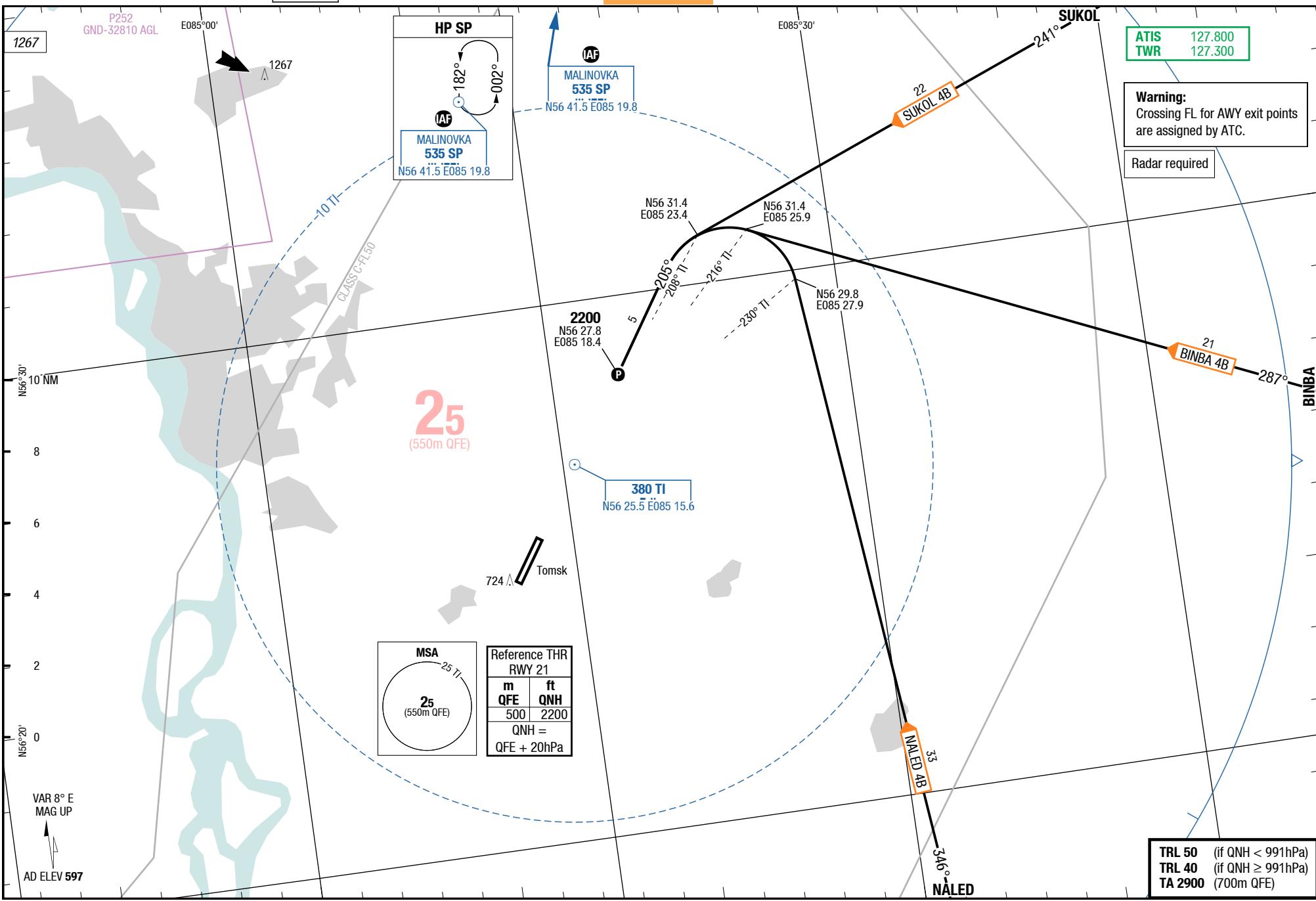
STAR
STAR

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6-50

STARs RWY 21 (Radar)



Effective 29-MAR-2018
22-MAR-2018

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Bogashevo Tomsk Russian Federation

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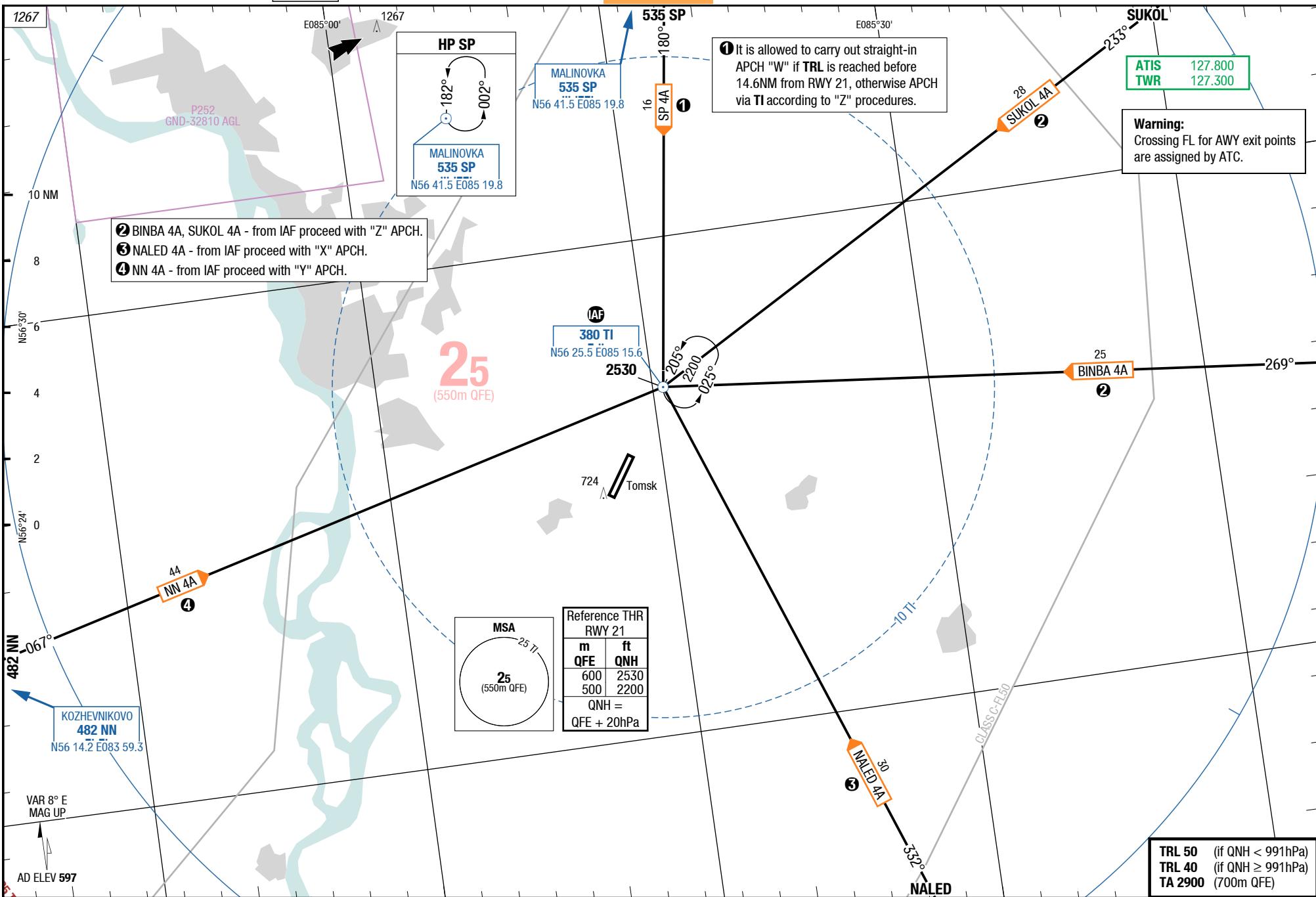
6-60

STARs RWY 21

STAR

STAR

STARs RWY 21



Changes: FREQ, OBST, SUAs

Effective 29-MAR-2018
22-MAR-2018

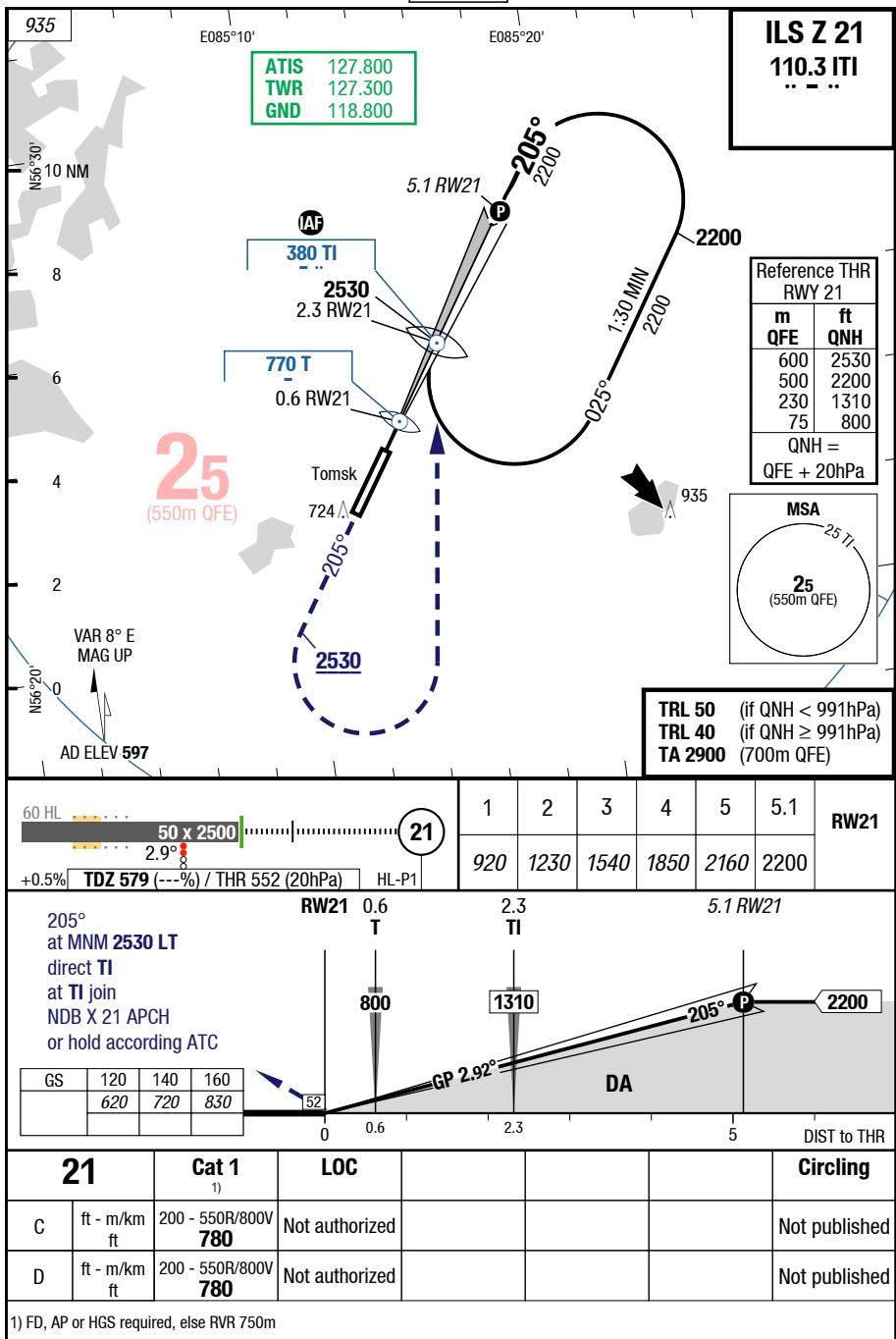
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TOF-UNTT

7-10

IAC

ILS Z 21



Changes: FREQ, SUAs, OBST

Effective 29-MAR-2018
22-MAR-2018

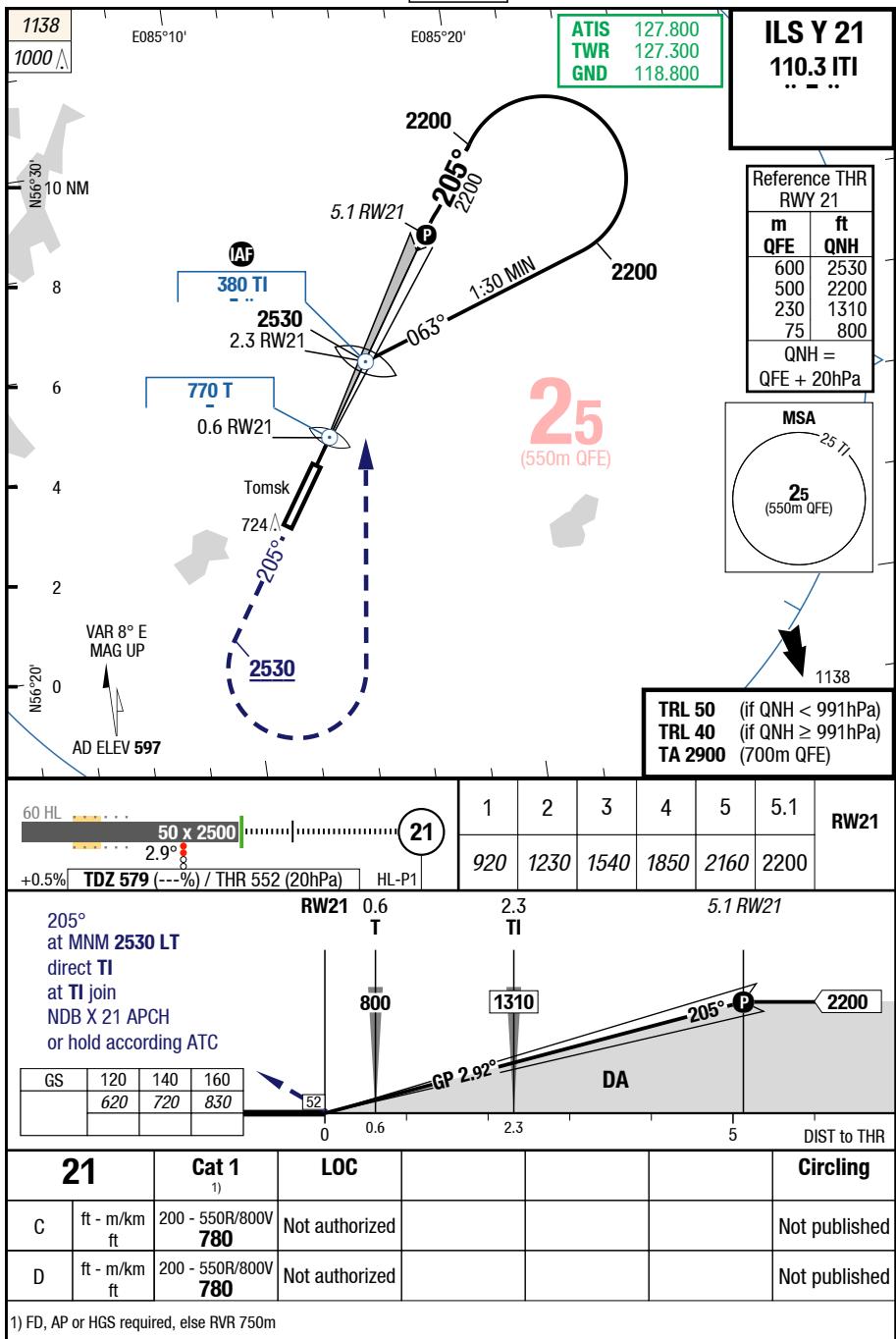
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IAC

TOF-UNTT

7-20

ILS Y 21



Changes: FREQ, OBST

Effective 29-MAR-2018
22-MAR-2018

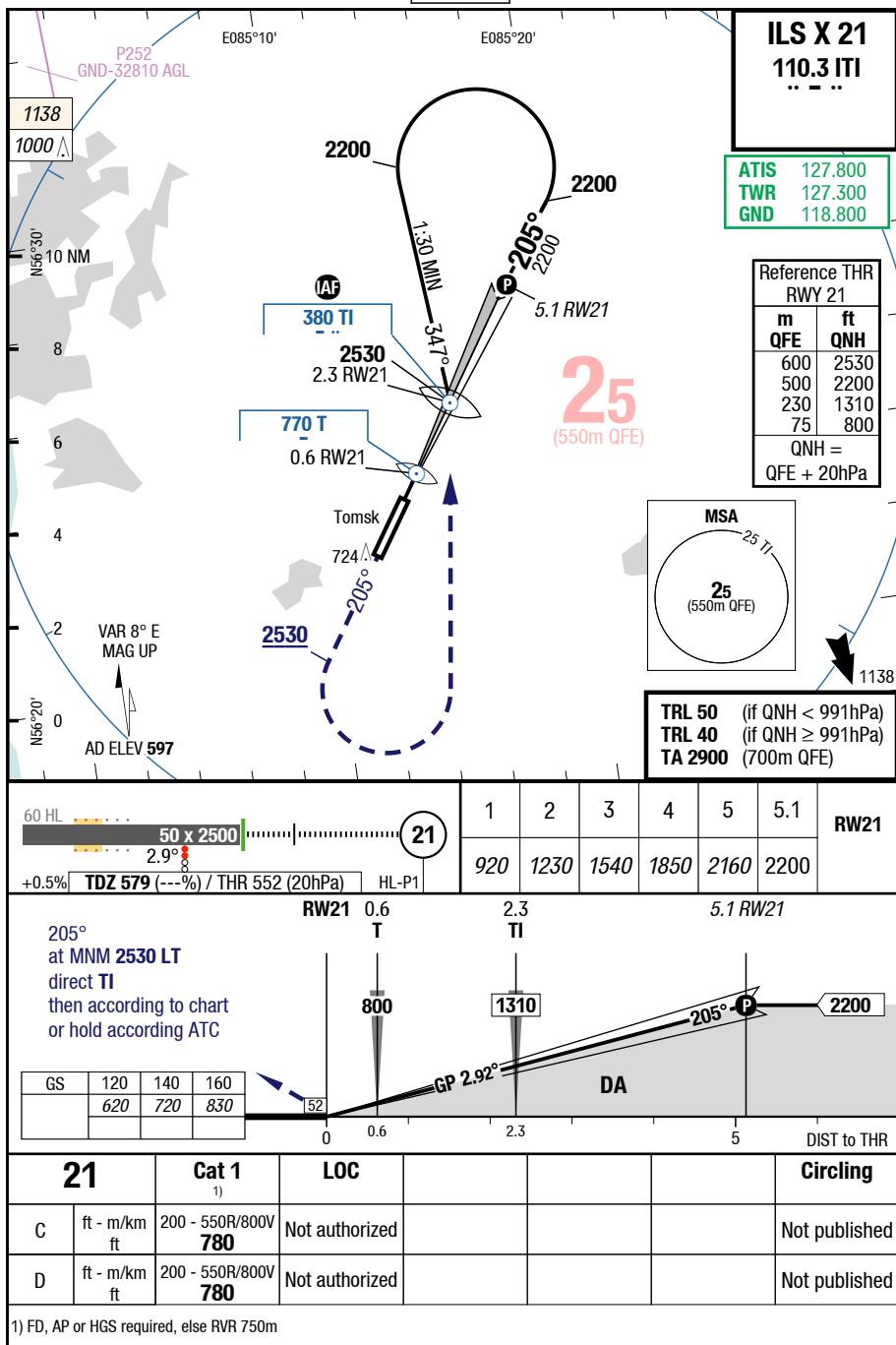
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IAC

TOF-UNTT

7-30

ILS X 21



Changes: FREQ, SUAs, OBST

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22-MAR-2018

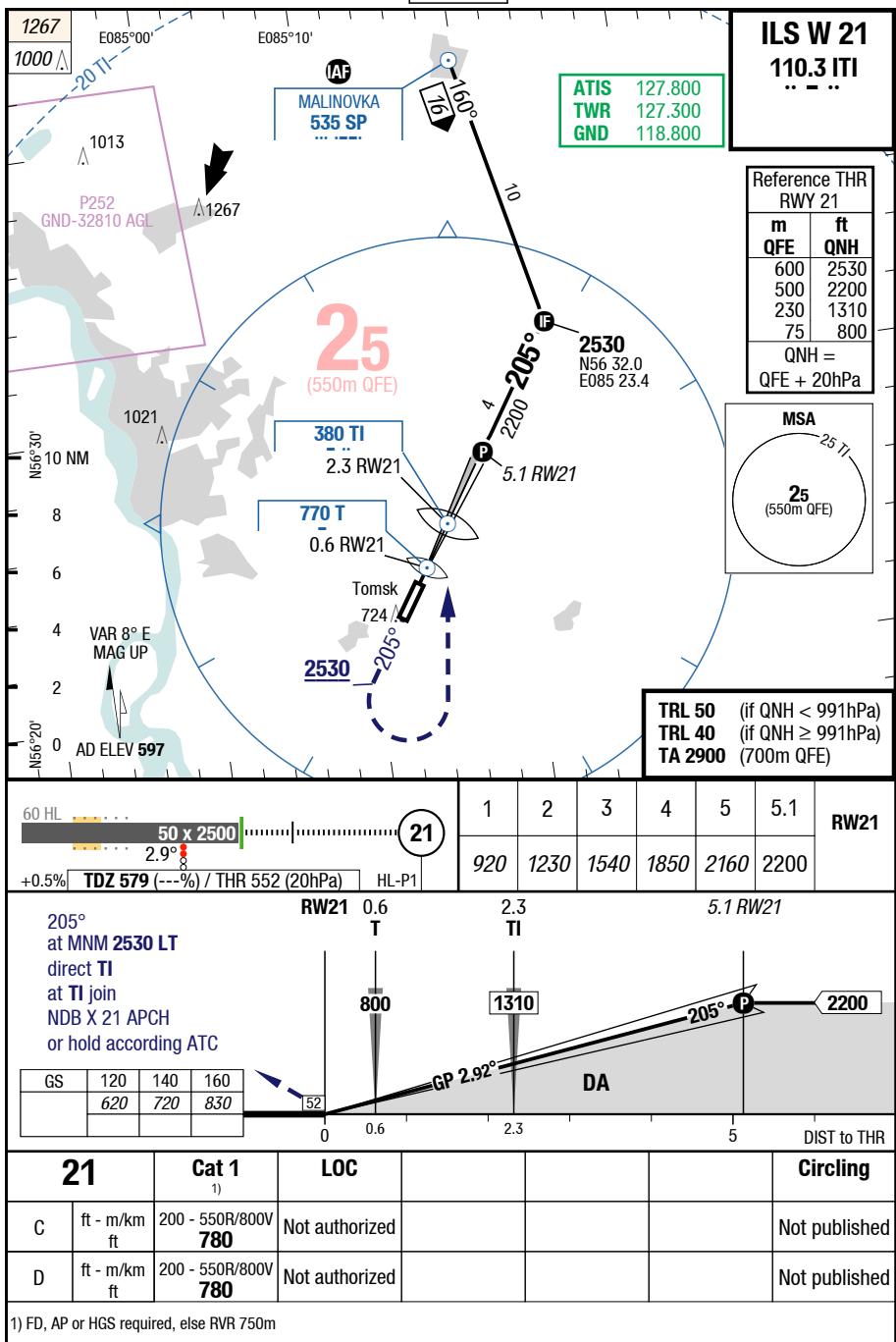
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IAC

TOF-UNTT

7-40

ILS W 21



Changes: FREQ, OBST, SUAs

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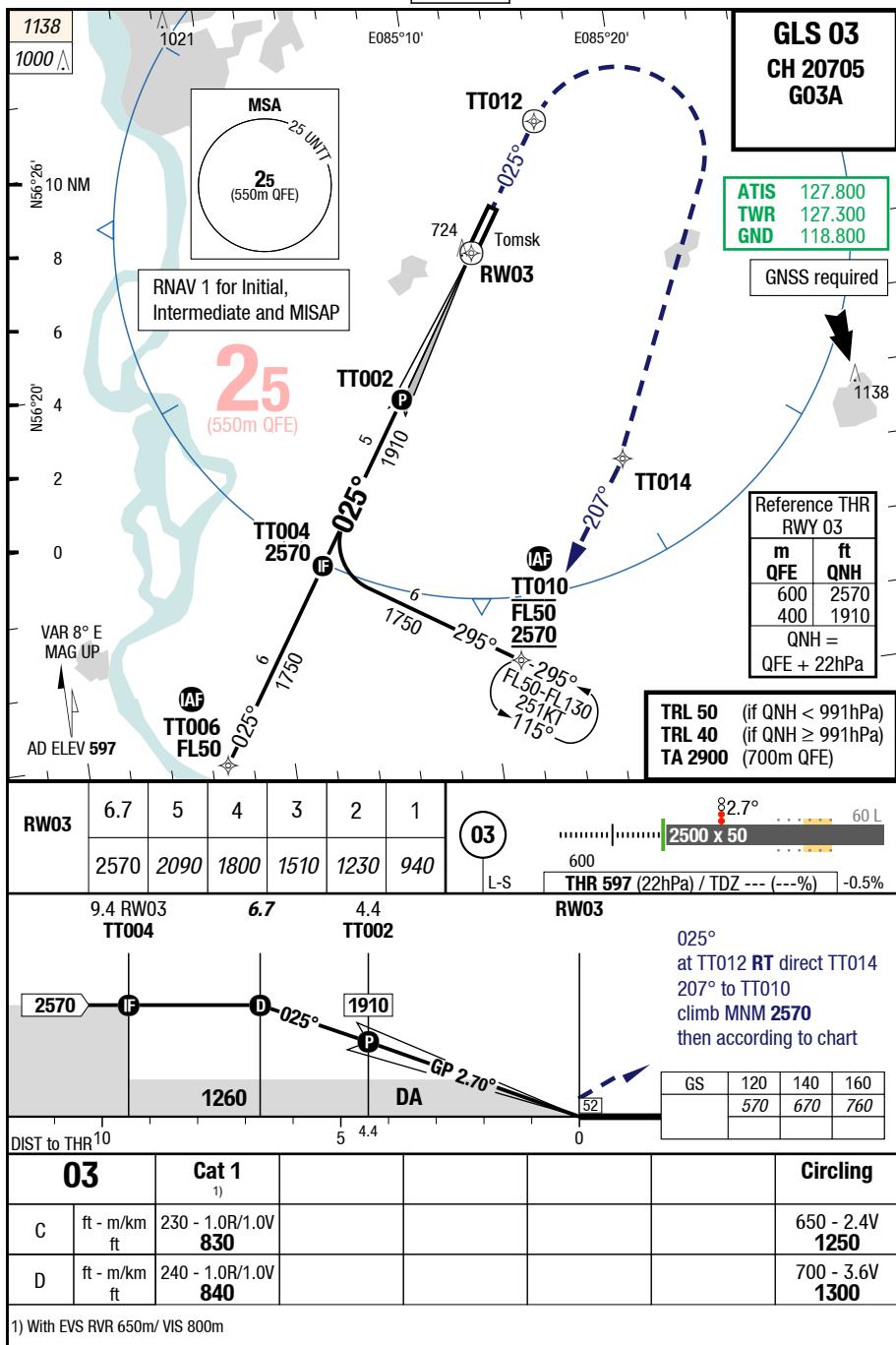
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14

TOF-UNTT

7-50

GLS 03



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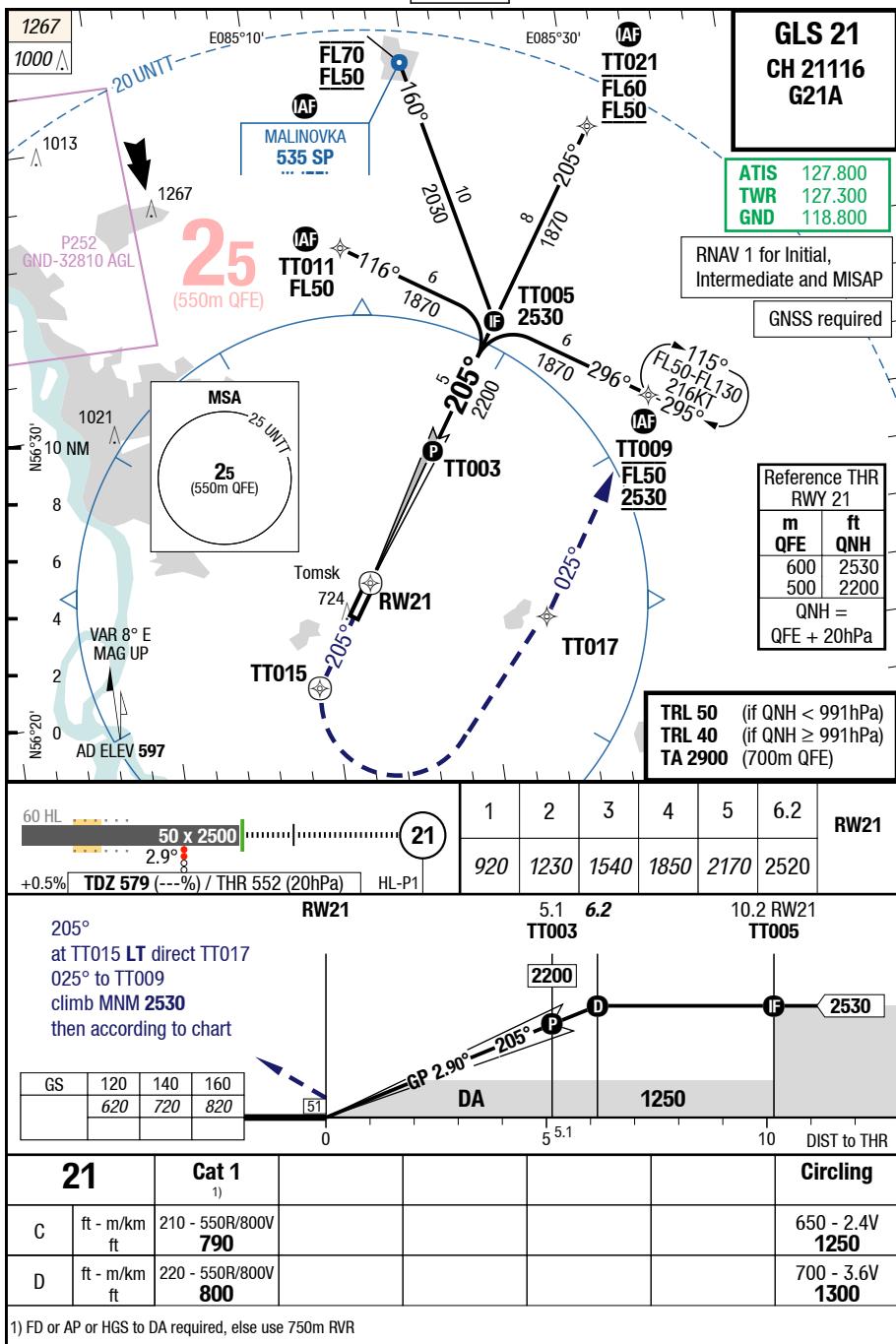
19-APR-2018

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TOF-UNTT

7-60

GLS 21



Changes: new

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19-APR-2018

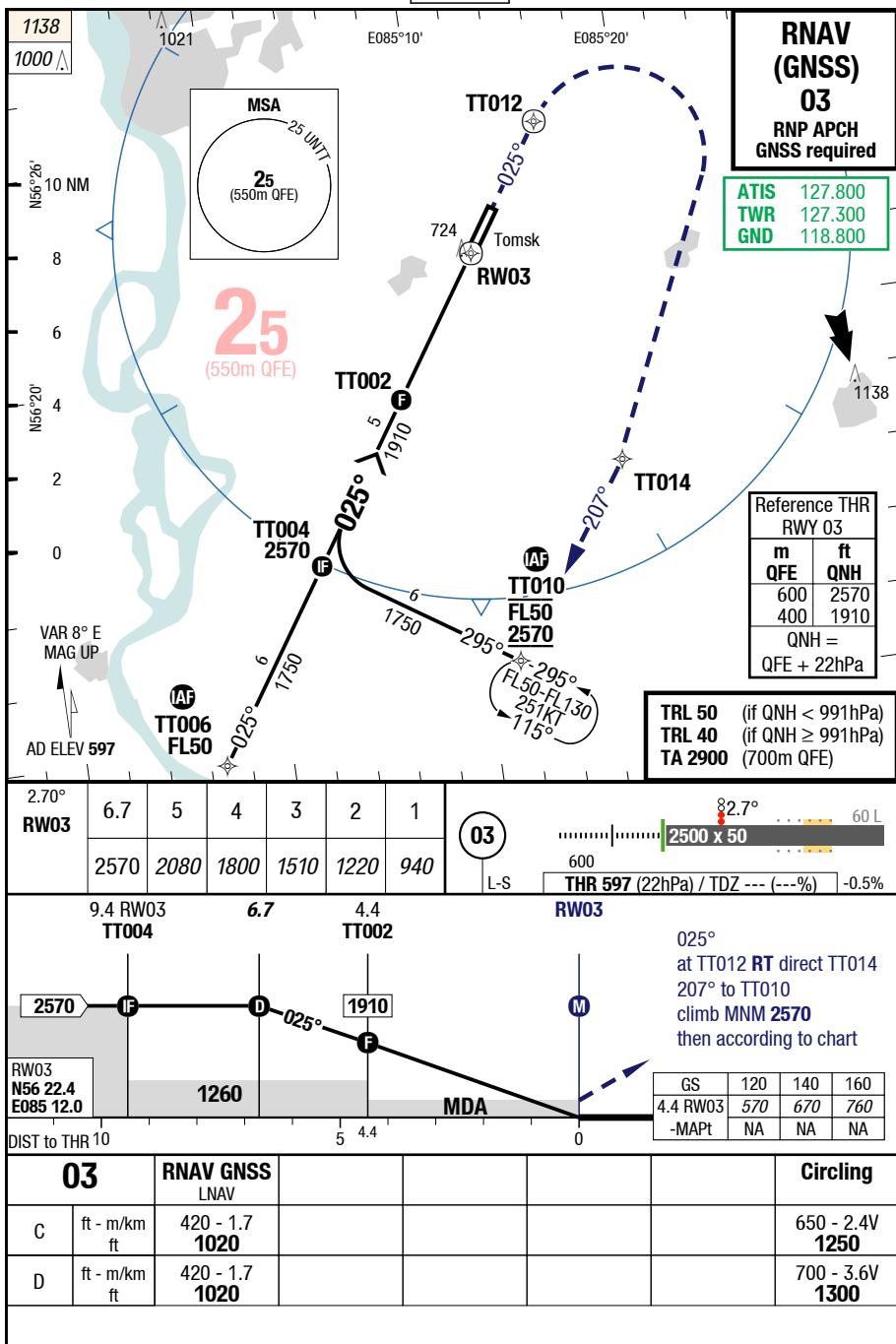
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TOF-UNTT

7-70

RNAV (GNSS) 03

IAC



Changes: Completely revised

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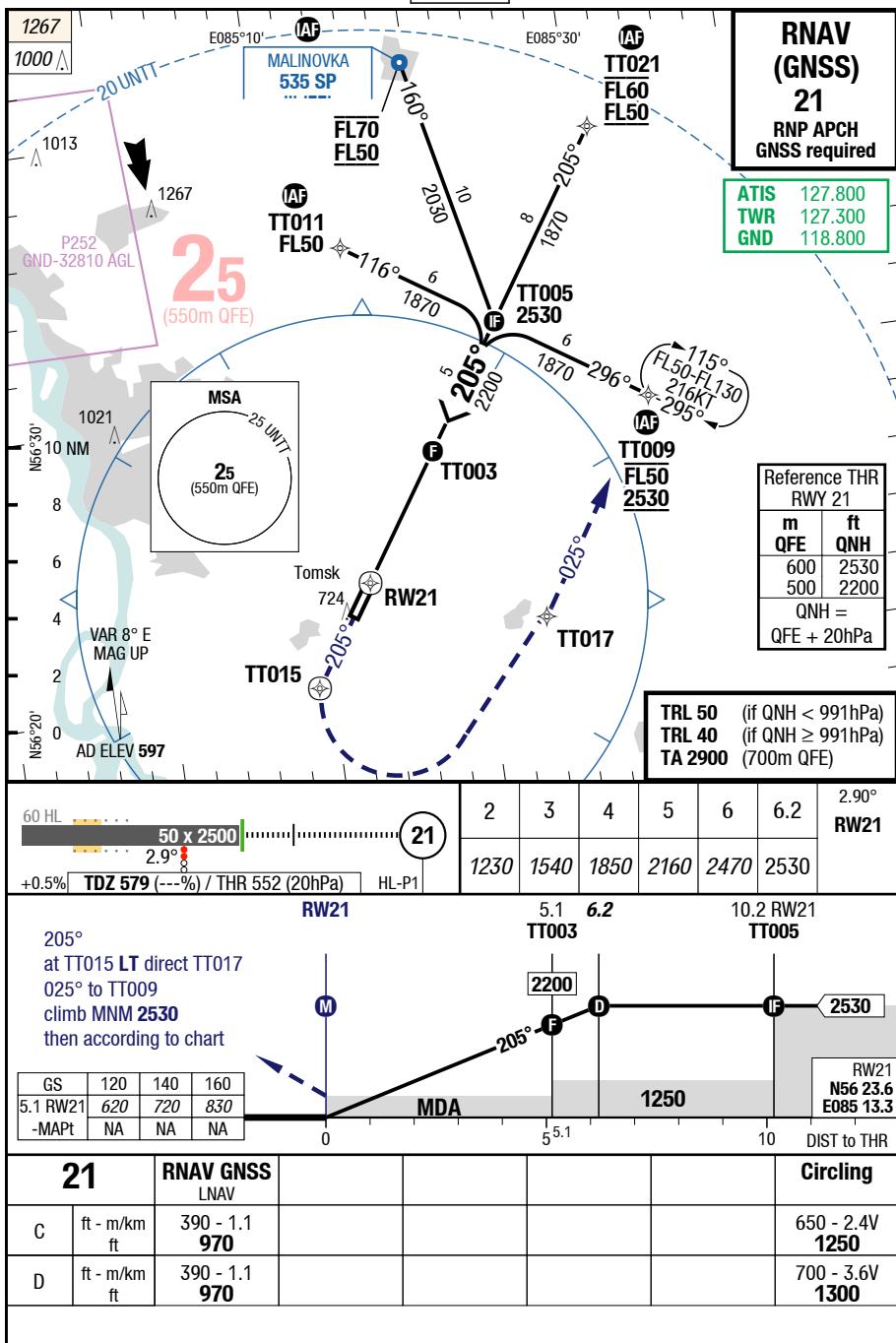
Russian Federation Tomsk Bogashevo

TOF-UNTT

7-80

RNAV (GNSS) 21

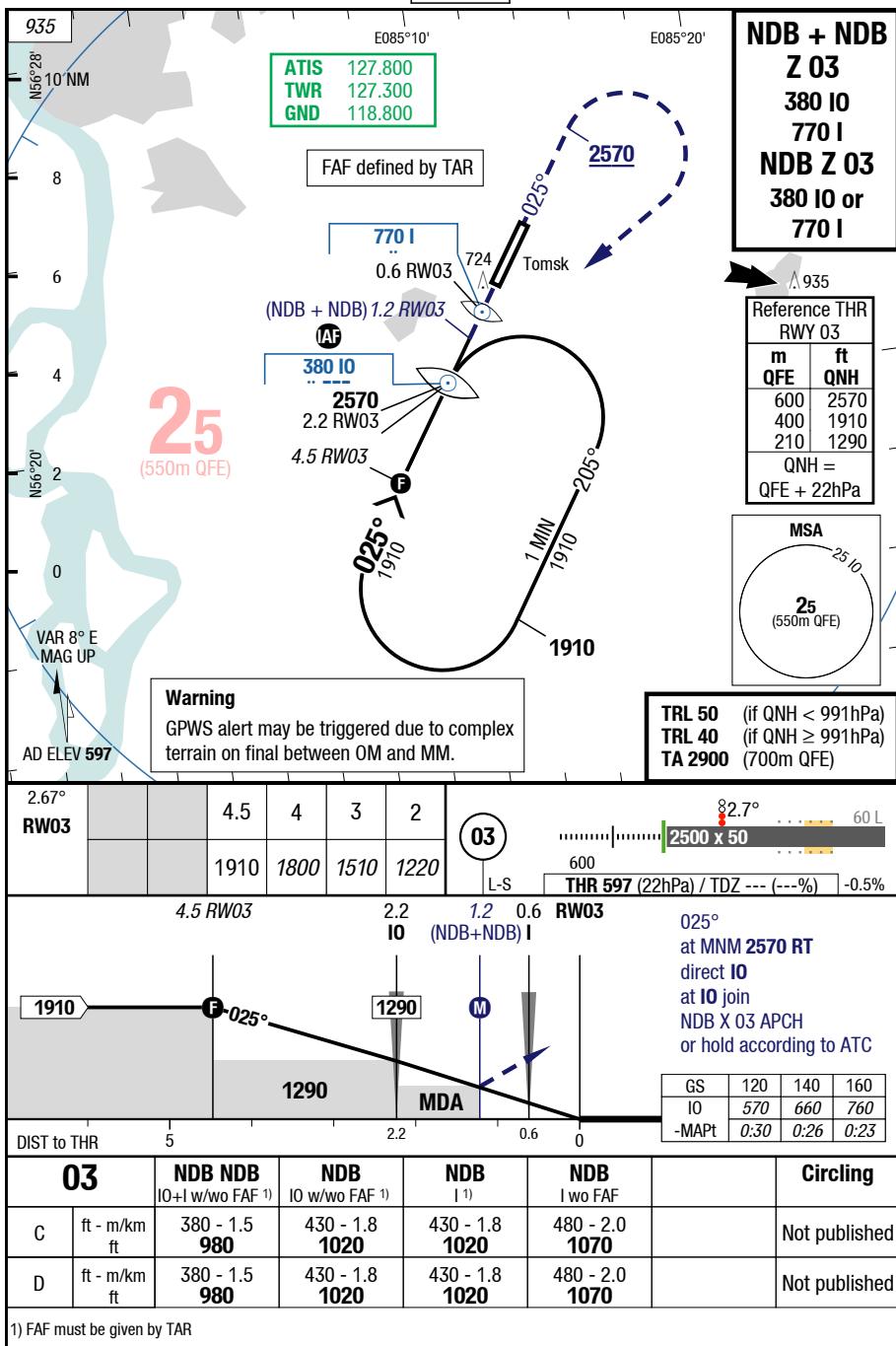
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TOF-UNTT

7-90

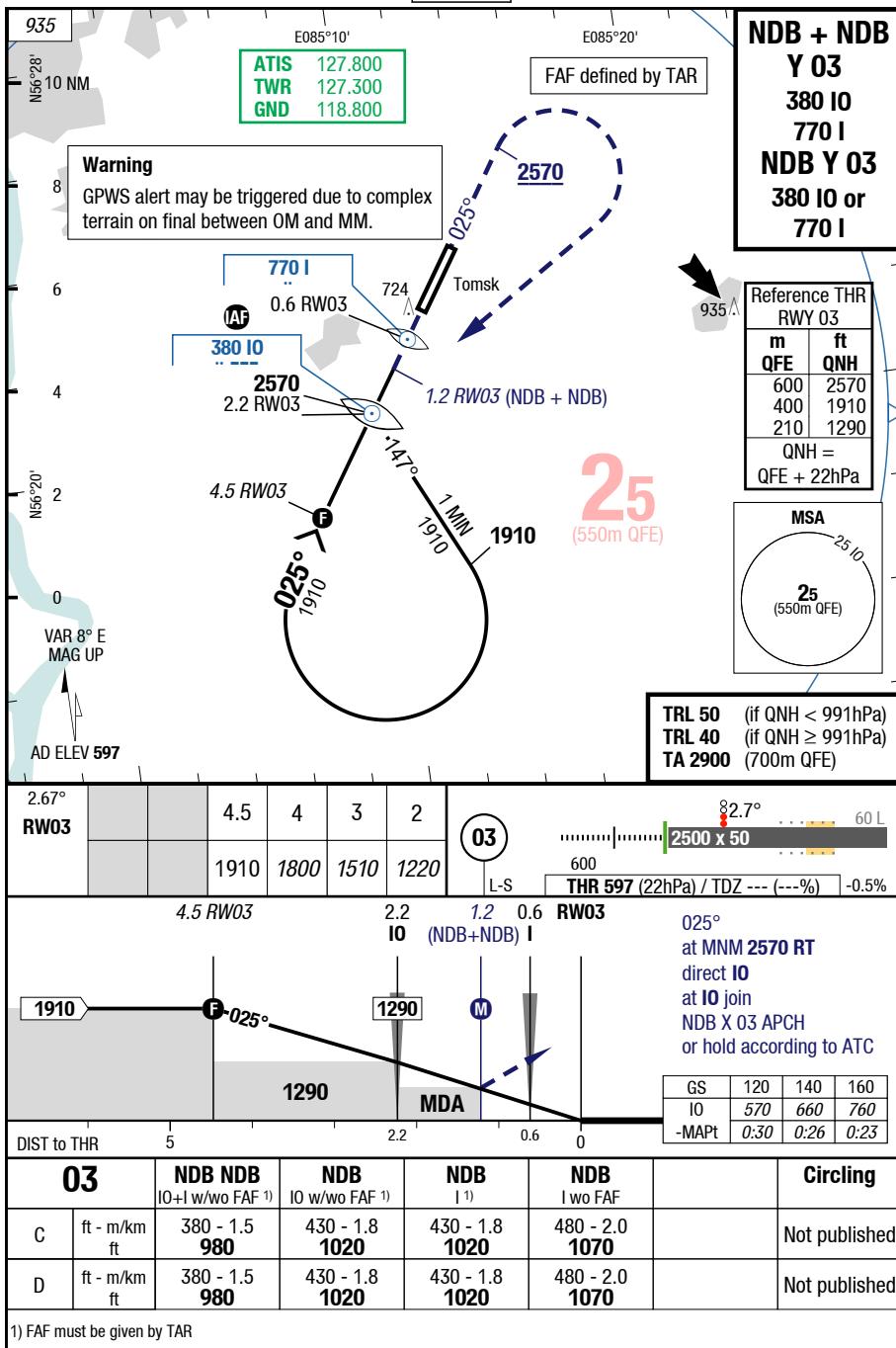
NDB + NDB Z 03 / NDB Z 03



TOF-UNTT

7-100

NDB + NDB Y 03 / NDB Y 03

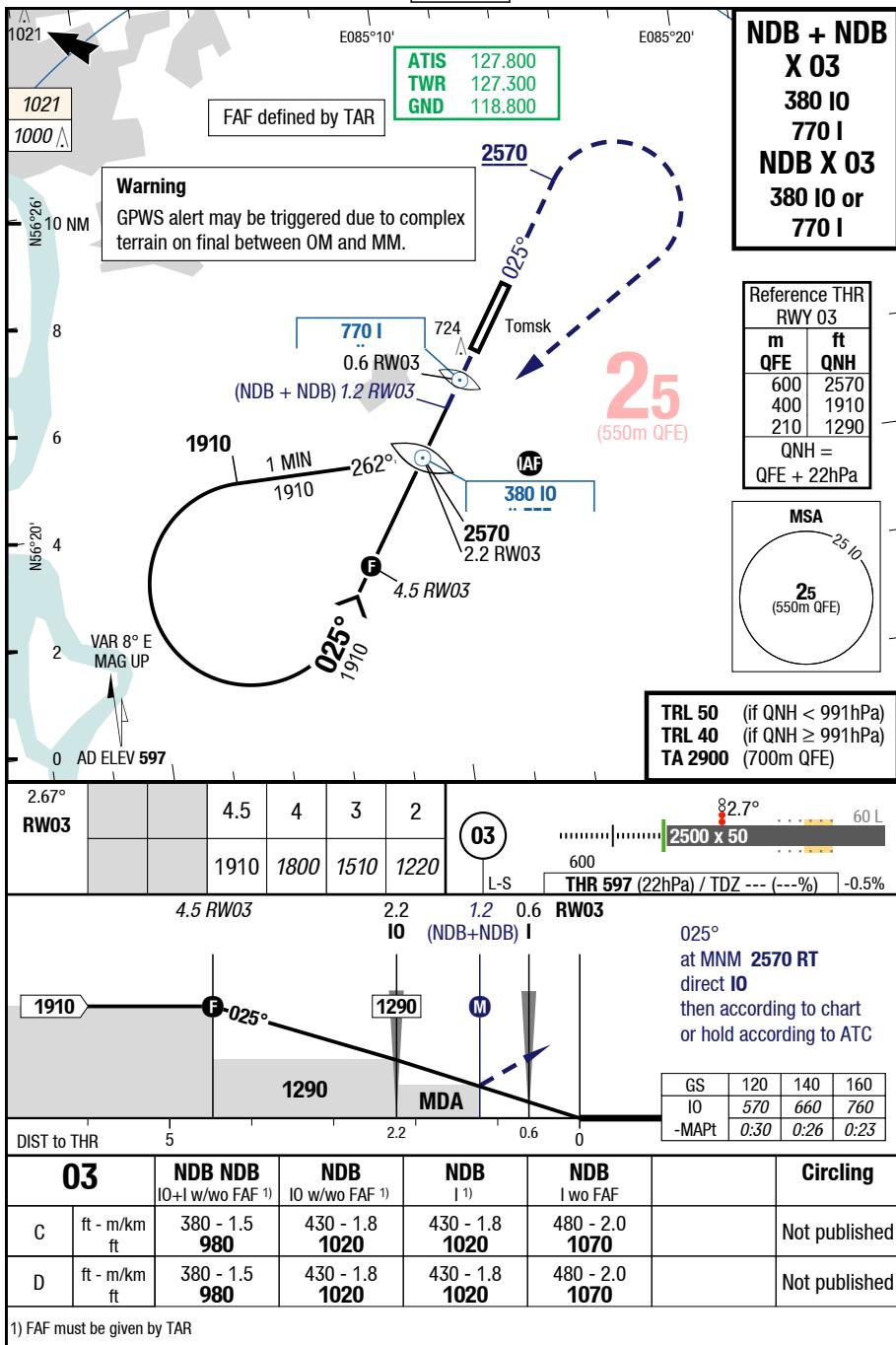


TOF-UNTT

7-110

NDB + NDB X 03 / NDB X 03

IAC

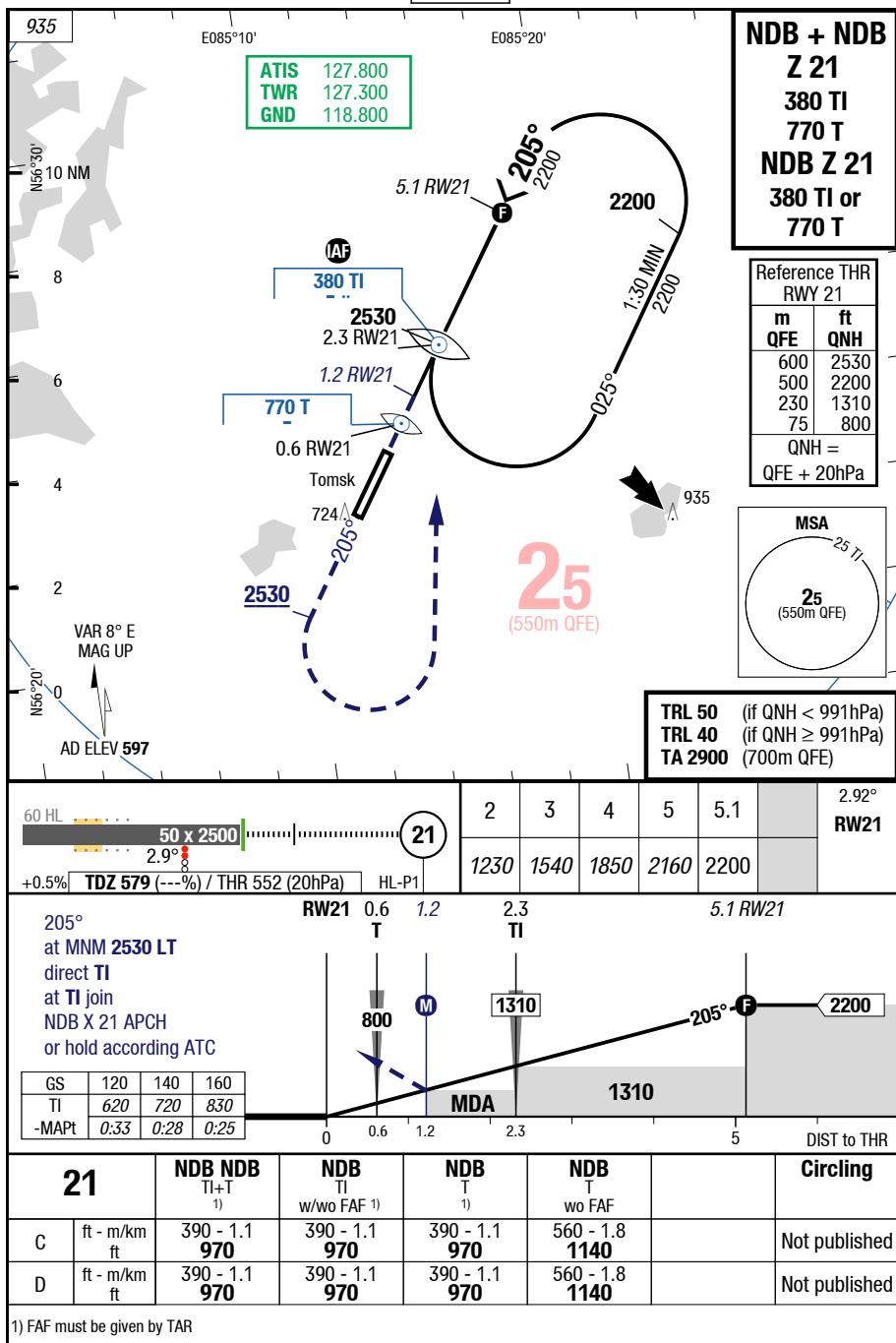


TOF-UNTT

7-120

NDB + NDB Z 21 / NDB Z 21

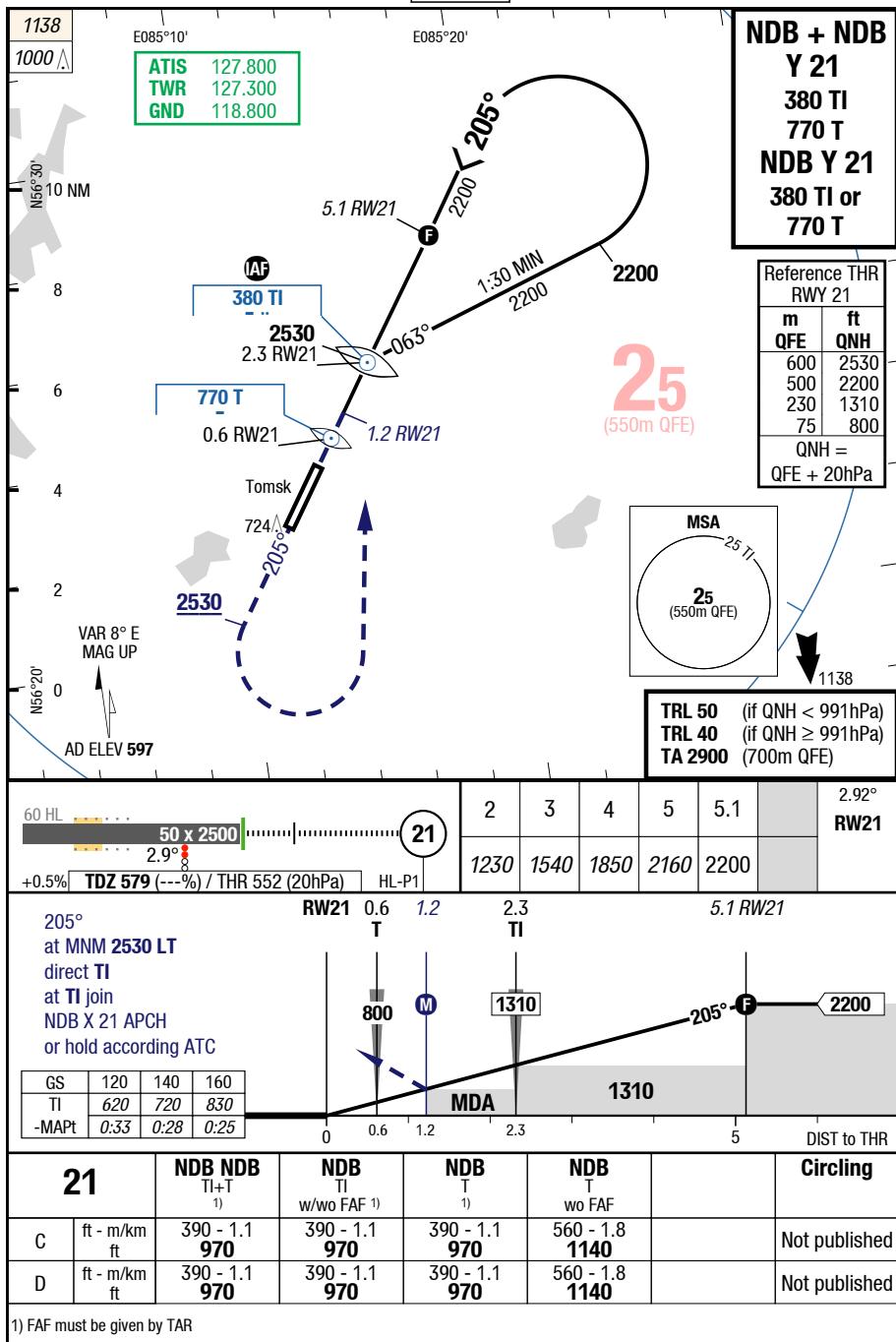
IAC



TOF-UNTT

7-130

NDB + NDB Y 21 / NDB Y 21

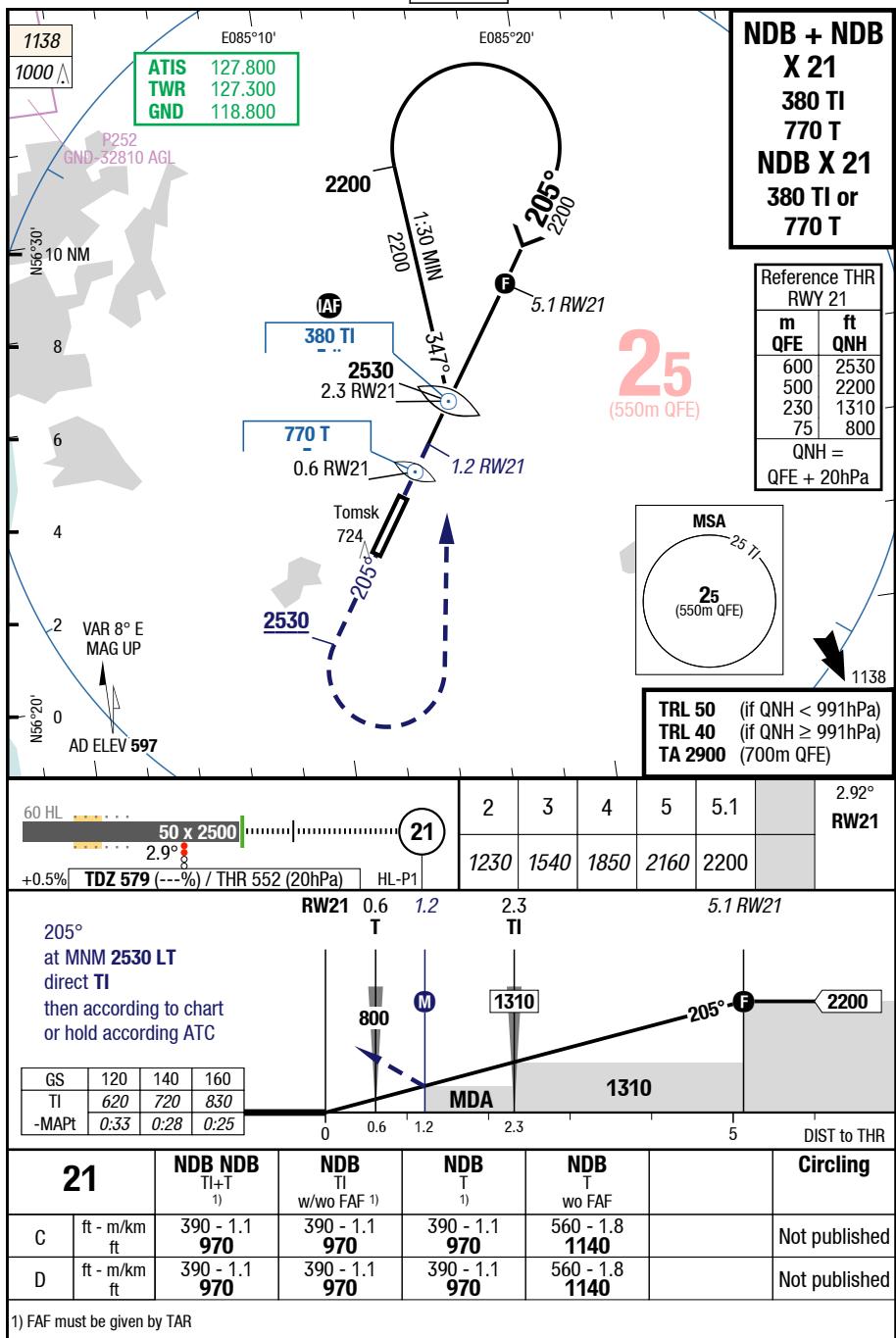


TOF-UNTT

7-140

NDB + NDB X 21 / NDB X 21

IAC



TOF-UNTT

7-150

NDB + NDB W 21 / NDB W 21

