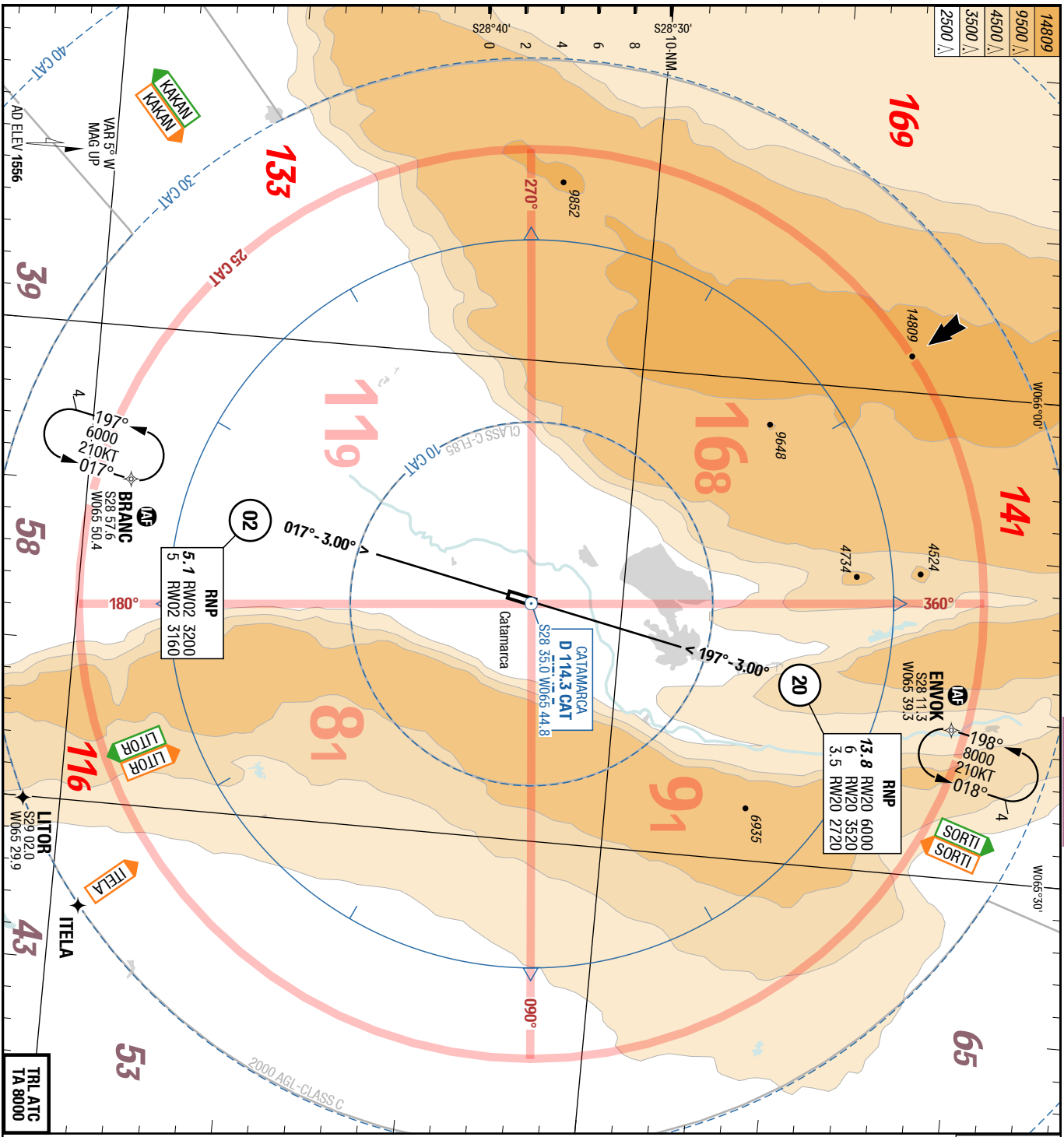


GENERAL				
<b>Operational Hours</b>				
ATS Hours: 1000-2359				
<b>Airport Information</b>				
RFF:	CAT 5			
PCN:	Not published			
<b>Operation</b>				
<b>Engine Run-up</b> Engine tests not allowed BTN 0100-1100.				
<b>Warnings</b>				
<b>CAT VOR/DME</b> unusable: R050-R153 below FL130 R060-R120 below FL170 R290-R330 within 20NM below FL170 Beyond 20NM: R260-R290 below FL150, others below FL200 Birds in vicinity of AD.				
ARRIVAL				
<b>Speed</b>				
MAX IAS 250KT below FL100 within airspace classes B, C, D and G.				
<b>Communication</b>				
<b>COM Failure:</b> See CRAR.				
DEPARTURE				
<b>Take-off Minima</b>				
RWY		02/20		
Multi ENG	ft - m/km	0 - 550V	HJ only	For conditions check CRAR
		0 - 800V	HN	
<b>Speed</b>				
MAX IAS 250KT below FL100 within airspace classes B, C, D and G.				
<b>Communication</b>				
<b>COM Failure:</b> See CRAR.				
<b>Departure Procedure</b>				
<b>Noise Abatement Procedure:</b> Use TKOF PROC B.				



CTL	118.150	119.900
APP	118.150	119.900
TWR	118.150	119.900
GND	118.150	

Landing RWY system:

02

THR 1507 (54hPa) / TDZ --- (---%)

2800 x 30

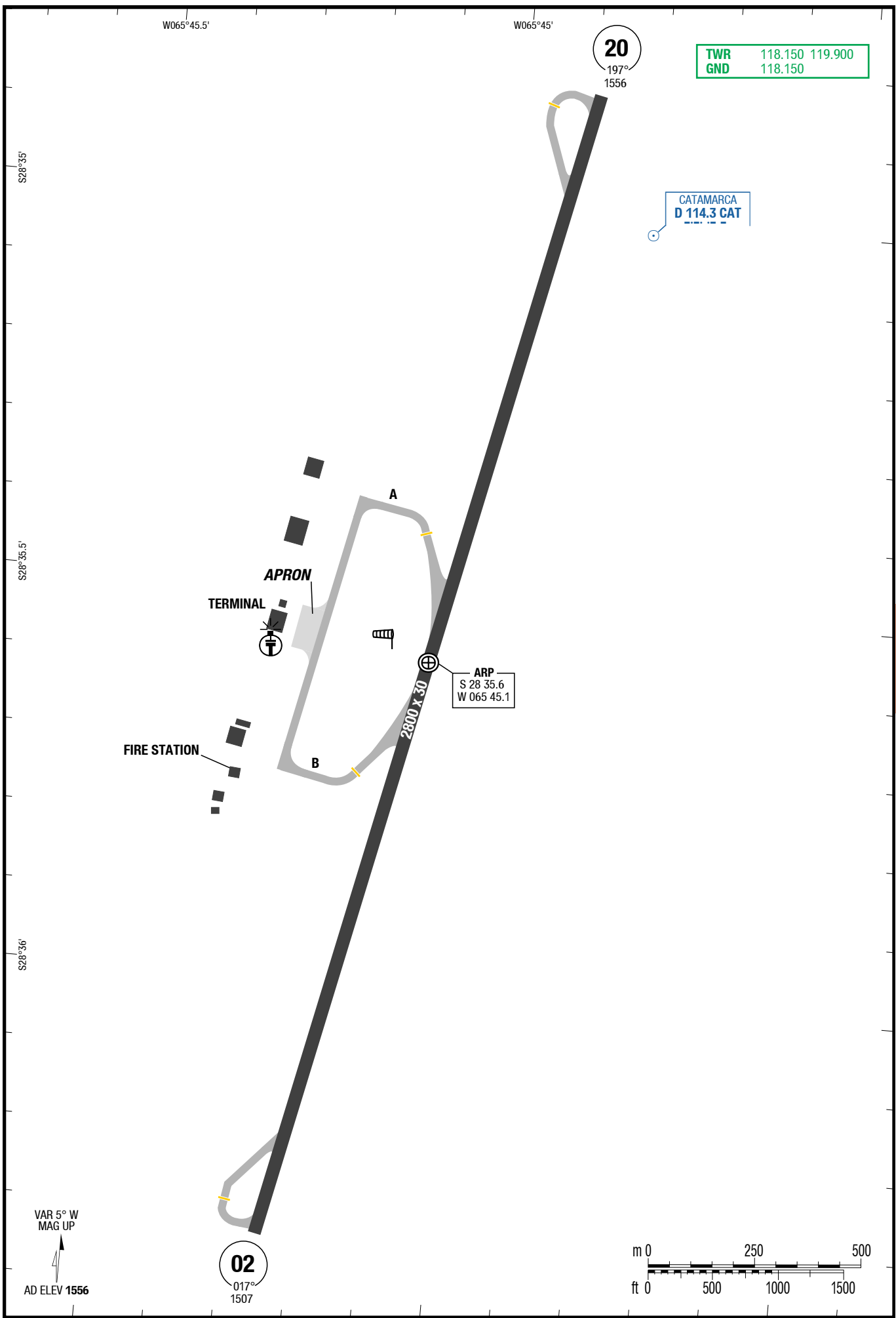
3.0°

3.0°

30 x 2800

TDZ --- (---%) / THR 1556 (55hPa)

20



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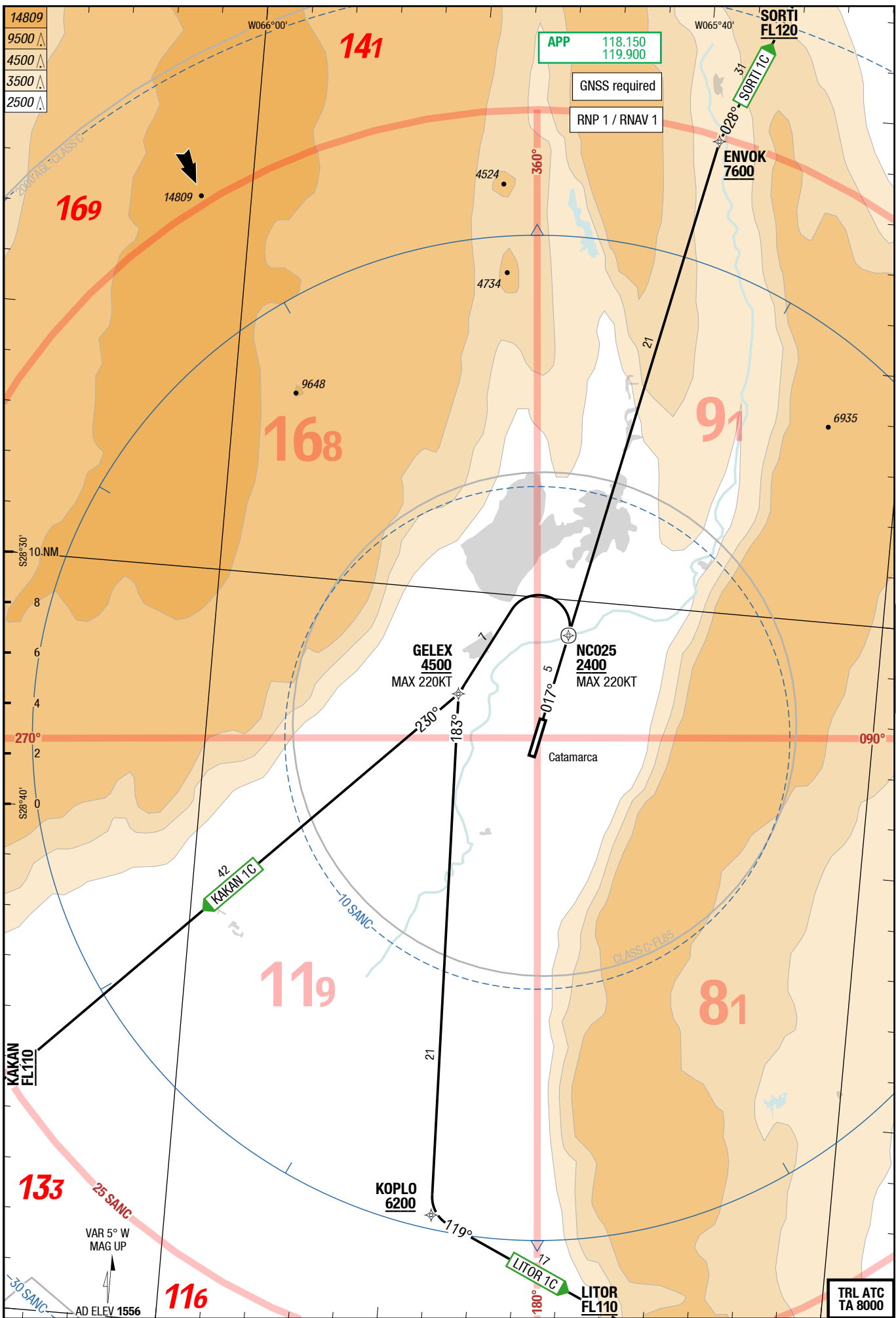
4-10

Argentina Catamarca  
RNP SIDS Rwy 02

SID  
SID

Catamarca Argentina  
RNP SIDS Rwy 02

TRL ATC  
TA 8000



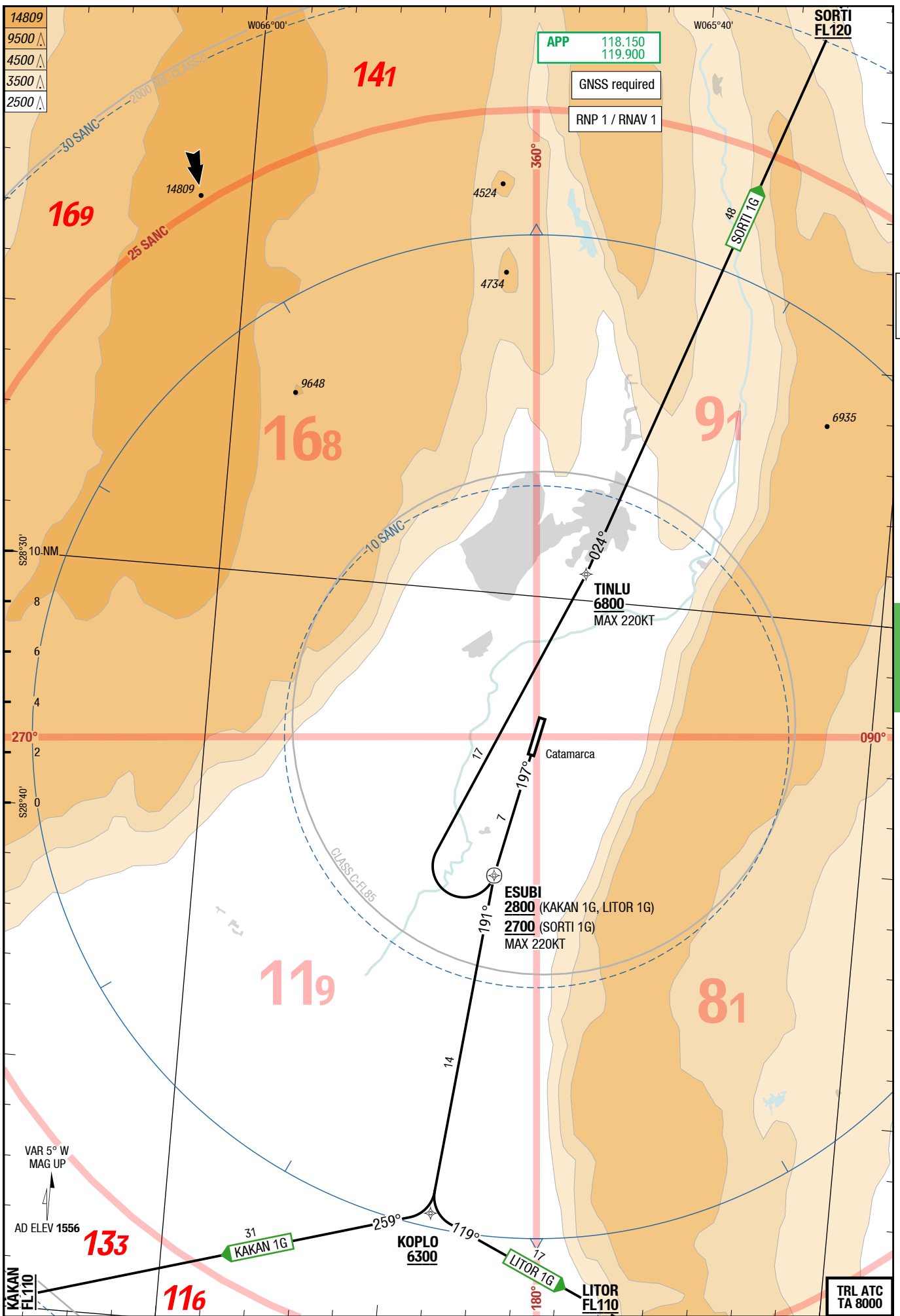
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4-20

Argentina Catamarca  
RNP SIDS RWY 20

SID  
SID

Catamarca Argentina  
RNP SIDS RWY 20



Changes: new

Catamarca Argentina  
SIDS RWY 20  
SIDS RWY 02

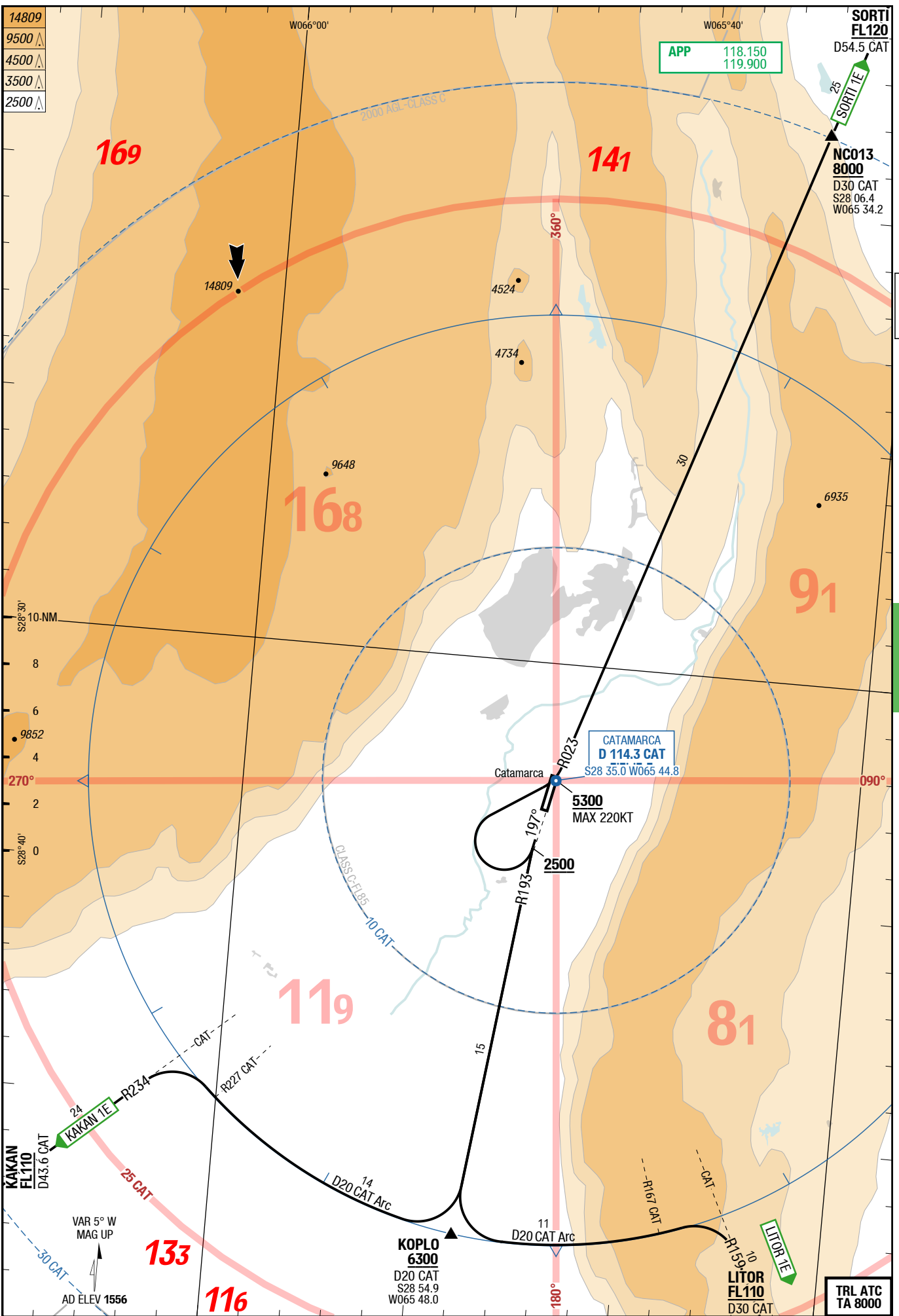
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4-40

Argentina Catamarca  
SIDs RWY 20

SID  
SID

Catamarca Argentina  
SIDs RWY 20



Changes: new

01-MAR-2018

Argentina Catamarca

CTC-SANC

5-10

RNP SIDs RWY 02

SIDPT

KAKAN 1C / LITOR 1C / SORTI 1C

RWY 02 (017°)

	GS	120	150	180	210	240	270
3.9%	ft/MIN	500	600	800	900	1000	1100
4.2%	ft/MIN	600	700	800	900	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 02</b>	
<b>KAKAN 1C</b> 3.9% to NC025	DCT <u>NC025</u> [K220- ;L] - DCT GELEX [K220-] - KAKAN	NC025 MNM <b>2400</b> GELEX MNM <b>4500</b> KAKAN MNM <b>FL110</b>
<b>LITOR 1C</b> 3.9% to NC025	DCT <u>NC025</u> [K220- ;L] - DCT GELEX [K220-] - KOPLO - LITOR	NC025 MNM <b>2400</b> GELEX MNM <b>4500</b> KOPLO MNM <b>6200</b> LITOR MNM <b>FL110</b>
<b>SORTI 1C</b> 4.2% to NC025	DCT <u>NC025</u> [K220-] - ENVOK - SORTI	NC025 MNM <b>2400</b> ENVOK MNM <b>7600</b> SORTI MNM <b>FL120</b>

Changes: New

01-MAR-2018

Argentina **Catamarca****CTC-SANC****5-20****RNP SIDs RWY 20****SIDPT****KAKAN 1G / LITOR 1G / SORTI 1G**

RWY 20 (197°)

	GS	120	150	180	210	240	270
3.9%	ft/MIN	500	600	800	900	1000	1100
4.2%	ft/MIN	600	700	800	900	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 20</b>	
<b>KAKAN 1G</b> 4.2% to KOPLO	DCT <u>ESUBI</u> [K220-] - KOPLO - KAKAN	ESUBI MNM <b>2800</b> KOPLO MNM <b>6300</b> KAKAN MNM <b>FL110</b>
<b>LITOR 1G</b> 4.2% to KOPLO	DCT <u>ESUBI</u> [K220-] - KOPLO - LITOR	ESUBI MNM <b>2800</b> KOPLO MNM <b>6300</b> LITOR MNM <b>FL110</b>
<b>SORTI 1G</b> 3.9% to ESUBI	DCT <u>ESUBI</u> [K220- ;R] - DCT TINLU [K220-] - SORTI	ESUBI MNM <b>2700</b> TINLU MNM <b>6800</b> SORTI MNM <b>FL120</b>

Changes: New

01-MAR-2018

CTC-SANC

5-30

SIDs RWY 02

KAKAN 1A / LITOR 1A / SORTI 1A

RWY 02 (017°)

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 02</b>	
<b>KAKAN 1A</b> 4.2% to KOPLO	intercept R016 <b>CAT</b> to NC025 - <b>LT</b> direct <b>CAT</b> (MAX 200KT) - intercept R193 <b>CAT</b> to KOPLO - <b>RT</b> follow D20 <b>CAT</b> arc - <b>LT</b> intercept R234 <b>CAT</b> to KAKAN	NC025 MNM <b>2400</b> KOPLO MNM <b>6200</b> KAKAN MNM <b>FL110</b>
<b>LITOR 1A</b> 4.2% to KOPLO	intercept R016 <b>CAT</b> to NC025 - <b>LT</b> direct <b>CAT</b> (MAX 200KT) - intercept R193 <b>CAT</b> to KOPLO - <b>LT</b> follow D20 <b>CAT</b> arc - <b>RT</b> intercept R159 <b>CAT</b> to LITOR	NC025 MNM <b>2400</b> KOPLO MNM <b>6200</b> LITOR MNM <b>FL110</b>
<b>SORTI 1A</b> 4.2% to NC013	intercept R016 <b>CAT</b> to NC025 - intercept R024 <b>CAT</b> to NC013 - SORTI	NC025 MNM <b>2400</b> NC013 MNM <b>8000</b> SORTI MNM <b>FL120</b>

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5-40

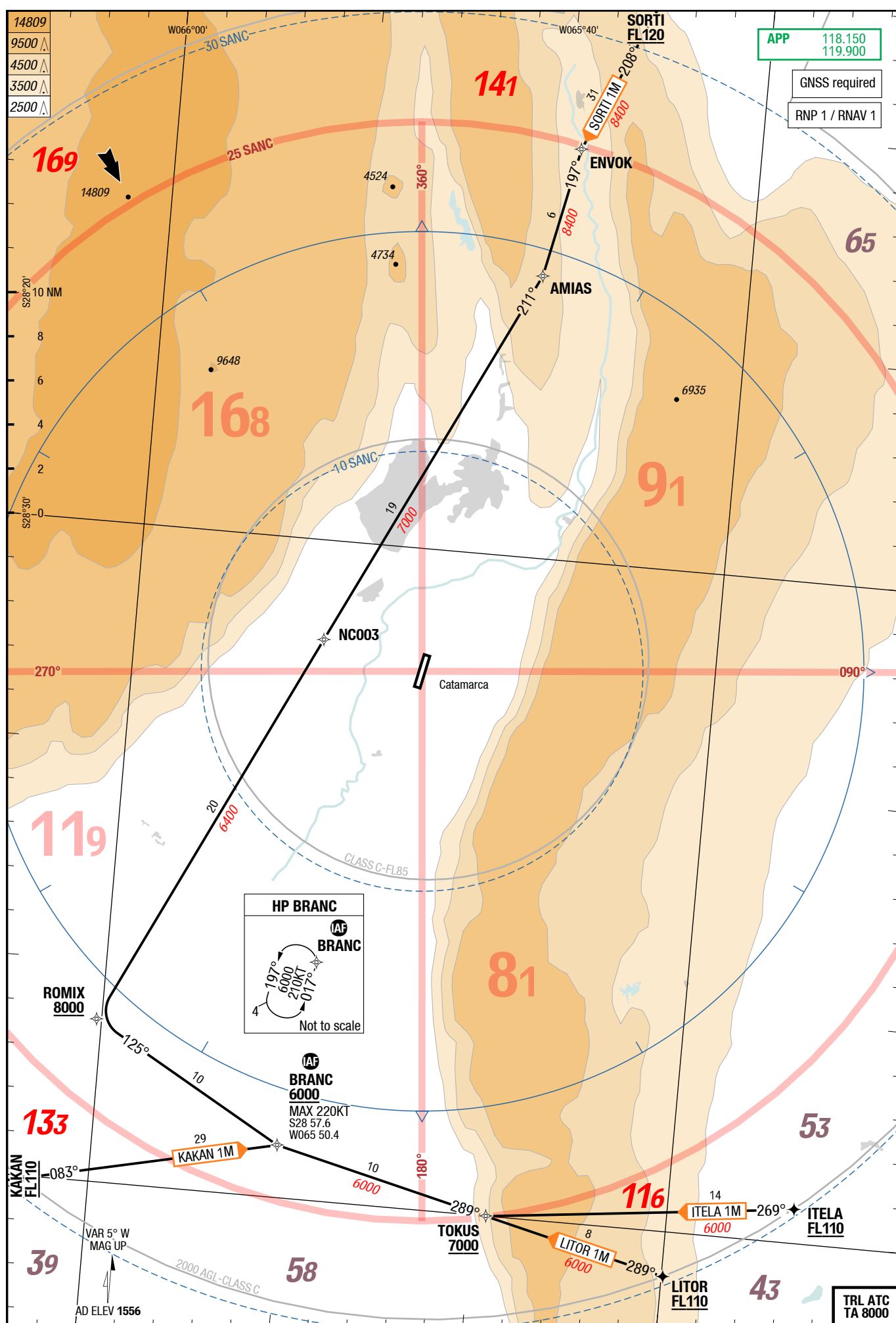
SIDs RWY 20

**KAKAN 1E / LITOR 1E / SORTI 1E**

RWY 20 (197°)

	GS	120	150	180	210	240	270
3.9%	ft/MIN	500	600	800	900	1000	1100
4.2%	ft/MIN	600	700	800	900	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 20</b>	
<b>KAKAN 1E</b> 4.2% to KOPLO	at MNM <b>2500 LT</b> intercept R193 <b>CAT</b> to KOPLO - <b>RT</b> follow D20 <b>CAT</b> arc - <b>LT</b> intercept R234 <b>CAT</b> to KAKAN	KOPLO MNM <b>6300</b> KAKAN MNM <b>FL110</b>
<b>LITOR 1E</b> 4.2% to KOPLO	at MNM <b>2500 LT</b> intercept R193 <b>CAT</b> to KOPLO - <b>LT</b> follow D20 <b>CAT</b> arc - <b>RT</b> intercept R159 <b>CAT</b> to LITOR	KOPLO MNM <b>6300</b> LITOR MNM <b>FL110</b>
<b>SORTI 1E</b> 3.9% to CAT	at MNM <b>2500 RT</b> direct <b>CAT</b> (MAX 220KT) - intercept R023 <b>CAT</b> to NC013 - SORTI	<b>CAT</b> MNM <b>5300</b> NC013 MNM <b>8000</b> SORTI MNM <b>FL120</b>



Changes: new

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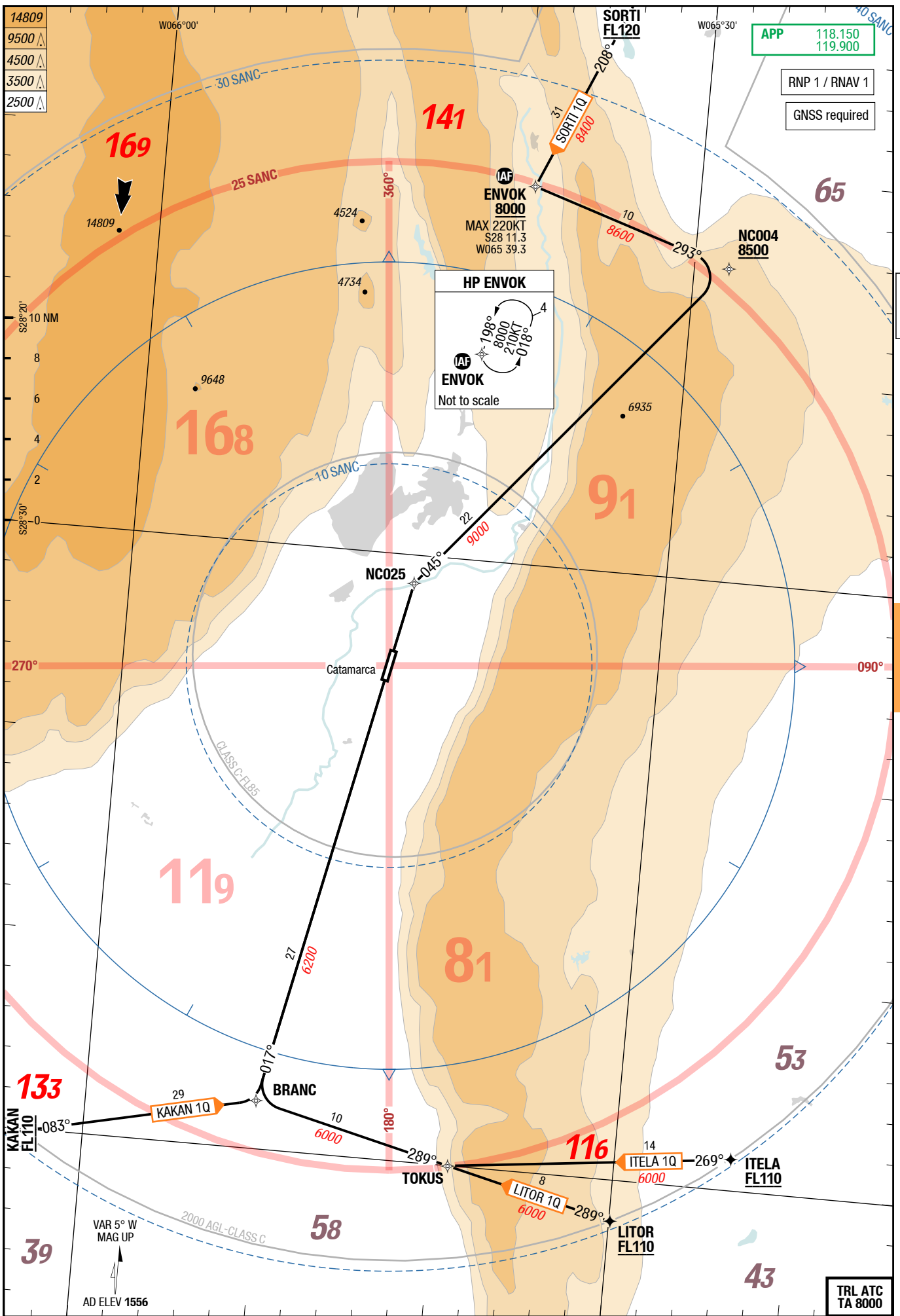
6-20

Argentina Catamarca  
RNP STARS RWY 20

STAR

STAR

Catamarca Argentina  
RNP STARS RWY 20



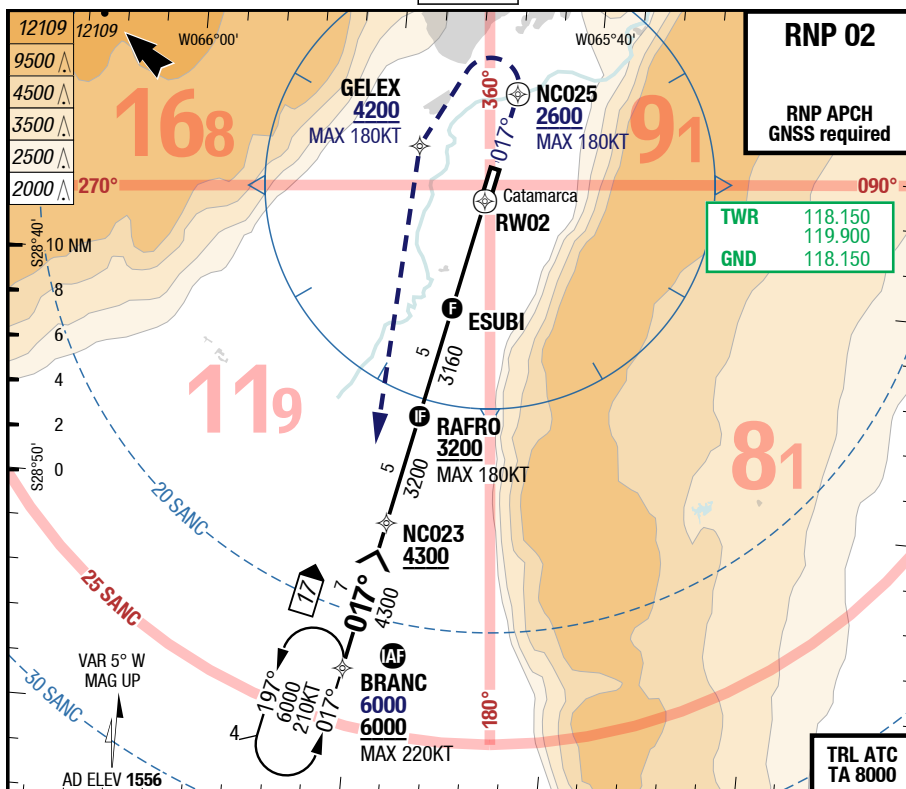
Changes: new

01-MAR-2018

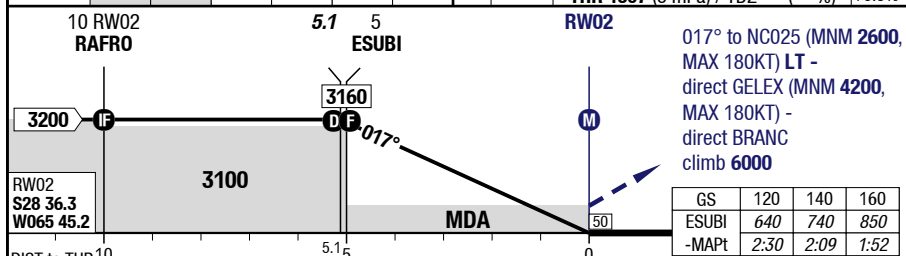
CTC-SANC

7-10

RNP 02



3.00°			5.1	4	3	2		83.0°
<b>RW02</b>							<b>02</b>	<b>2800 x 30</b>
			3200	2840	2520	2200		<b>THR 1507 (54hPa) / TDZ --- (---%) +0.5%</b>



<b>02</b>		<b>RNP VNAV</b> GA 2.7% <sup>1)</sup>	<b>RNP LNAV</b> GA 2.7%		<b>Circling</b>
C	ft - m/km ft	280 - 1.3V <b>1780</b> <sup>2)</sup>	450 - 2.5V <b>1950</b>		Not authorized
D	ft - m/km ft	Not authorized	Not authorized		Not authorized

1) Uncompensated BARO VNAV NA below -10°C (14°F) or above 50°C (122°F)

2) With EVS VIS 900m

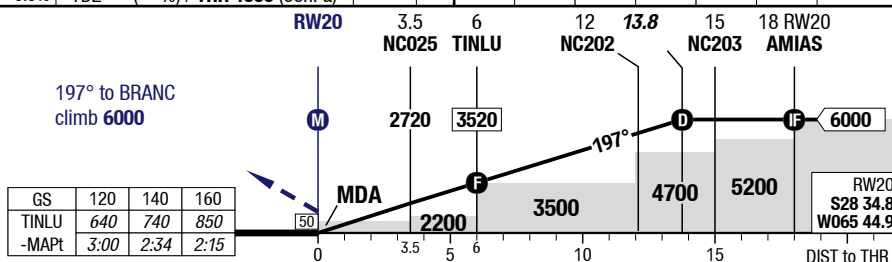
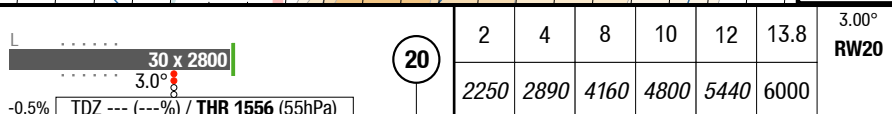
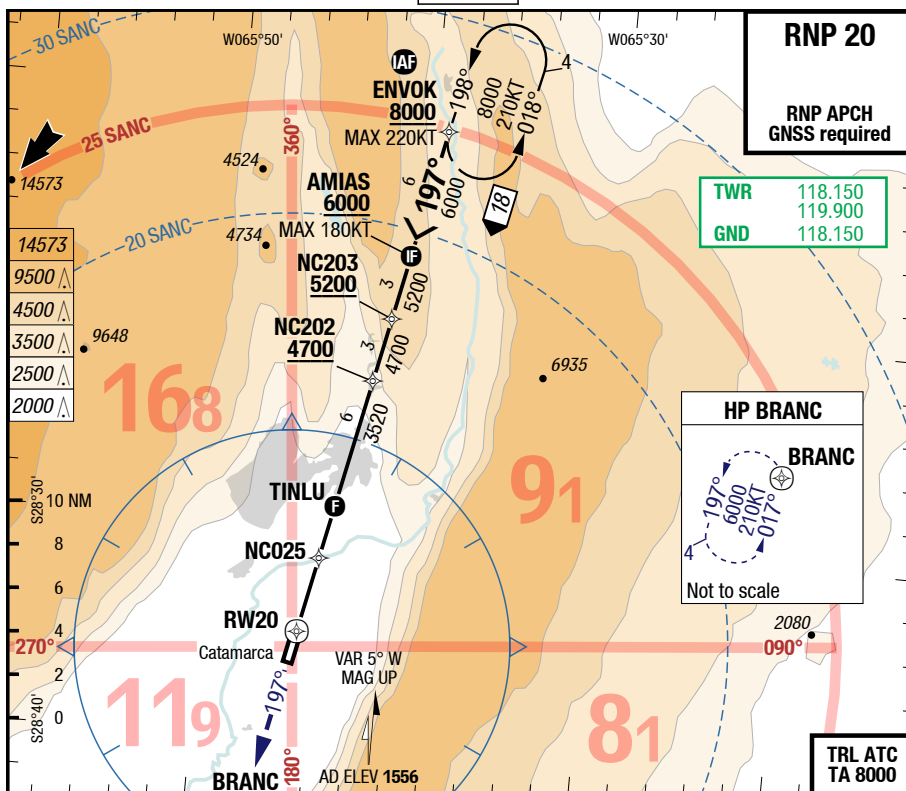
Changes: new

01-MAR-2018

CTC-SANC

7-20

RNP 20



20	RNP VNAV <sup>1)</sup>	RNP LNAV	Circling	
C	ft - m/km ft	280 - 1.3V 1830 <sup>2)</sup>	450 - 2.5V 2000	Not authorized
D	ft - m/km ft	Not authorized	Not authorized	Not authorized

1) Uncompensated BARO VNAV NA below -10°C (14°F) or above 50°C (122°F)

2) With EVS VIS 900m

Changes: new

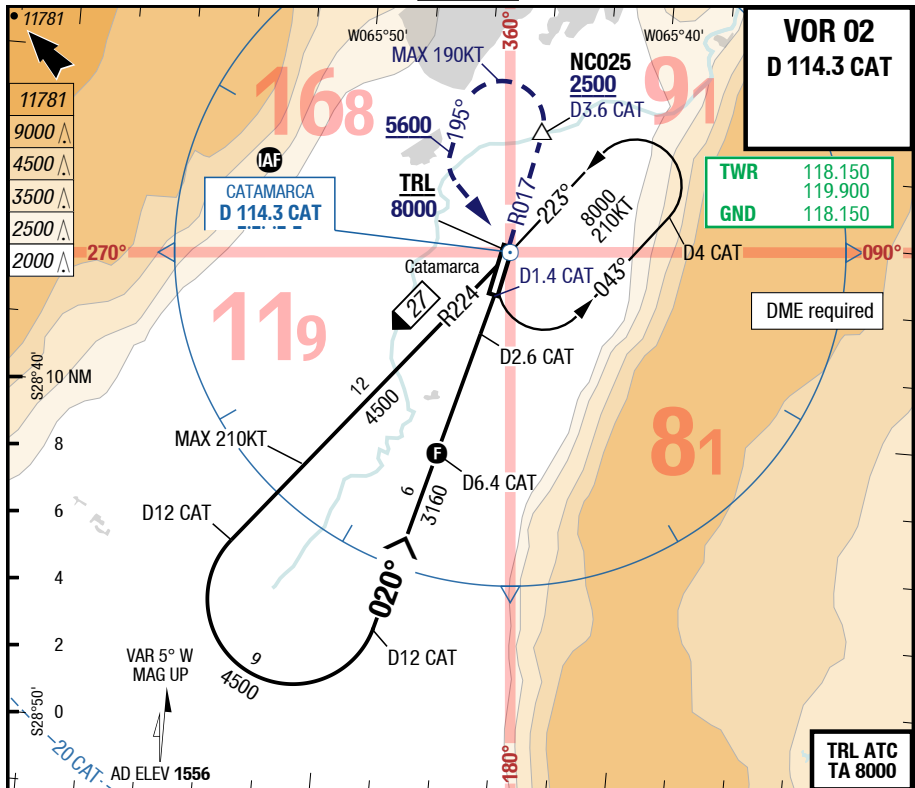
01-MAR-2018  
CTC-SANC

Argentina Catamarca

IAC

7-30

VOR 02



Changes: new