

29-MAR-2018

BJR-HABD

1-10

AOI

GENERAL**Operational Hours****ATS Hours / AD ADMIN Hours:** 0300-2000, other times O/R**Airport Information****RFF:** CAT 7**PCN:** RWY 04/22: 49(2013)/R/B/W/U**Customs:** AVBL**DEPARTURE****Take-off Minima**

RWY		04	
All ACFT	ft - m/km	0 - 400V	HJ only
RWY		22	
All ACFT	ft - m/km	0 - 3700V	HJ only

16-AUG-2018

Ethiopia **Bahir Dar** Bahir Dar Ginbot Haya Intl

AGC
AFC

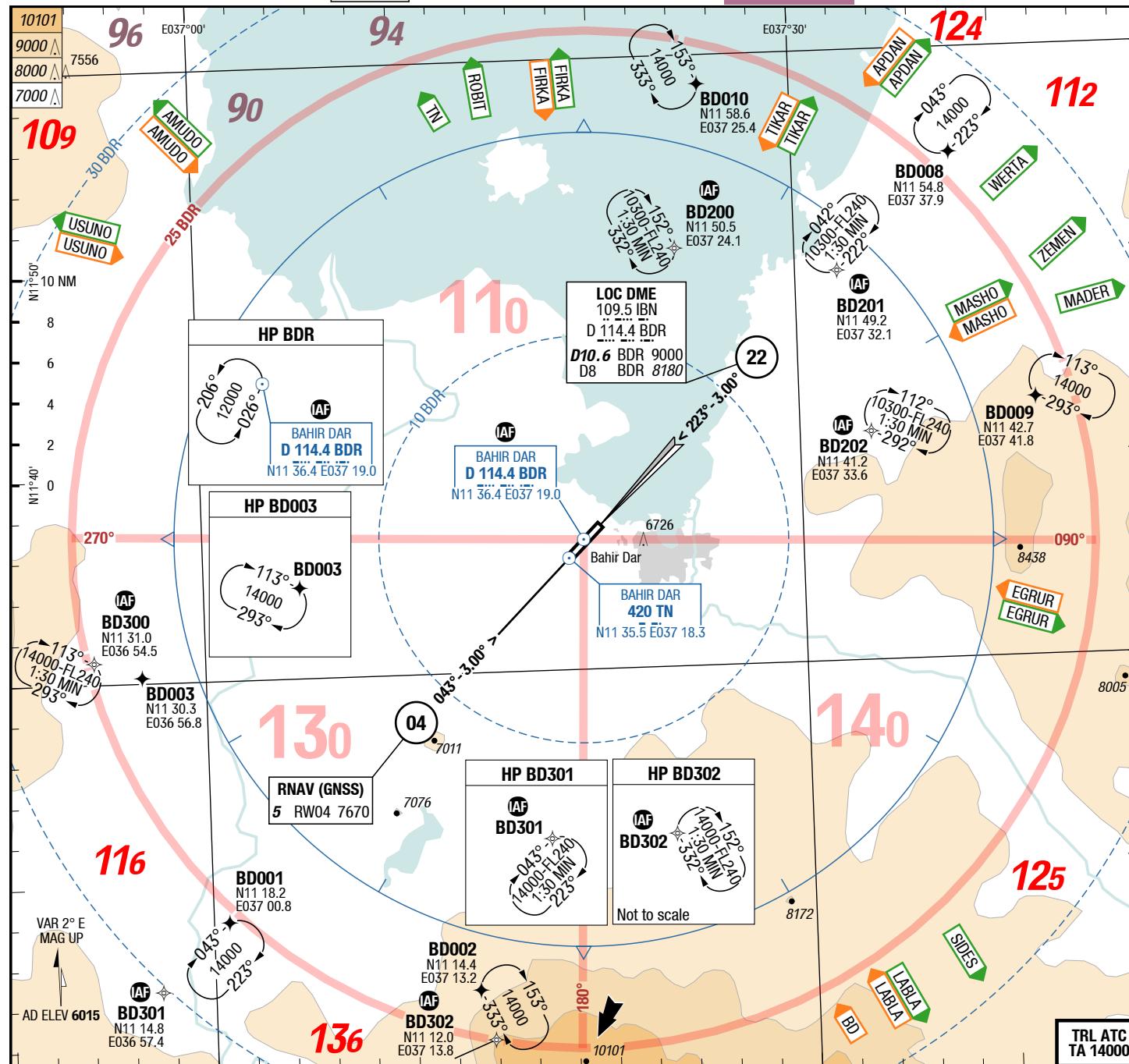
AFC

Bahir Dar Ginbot Haya Intl **Bahir Dar** Ethiopia

AGC
AFC

BJR-HABD

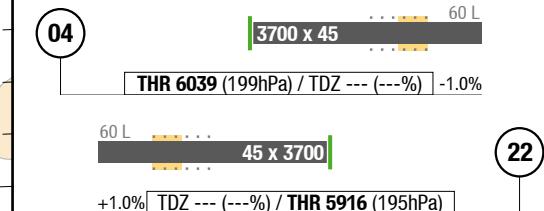
2-10



Changes: LDA, RWY length, THR ELEV, Editorial

TWR 118.300 0400-1500
GND 121.900 0400-1500

Landing RWY system:



16-AUG-2018

Ethiopia Bahir Dar Bahir Dar Ginbot Haya Intl

BJR-HABD

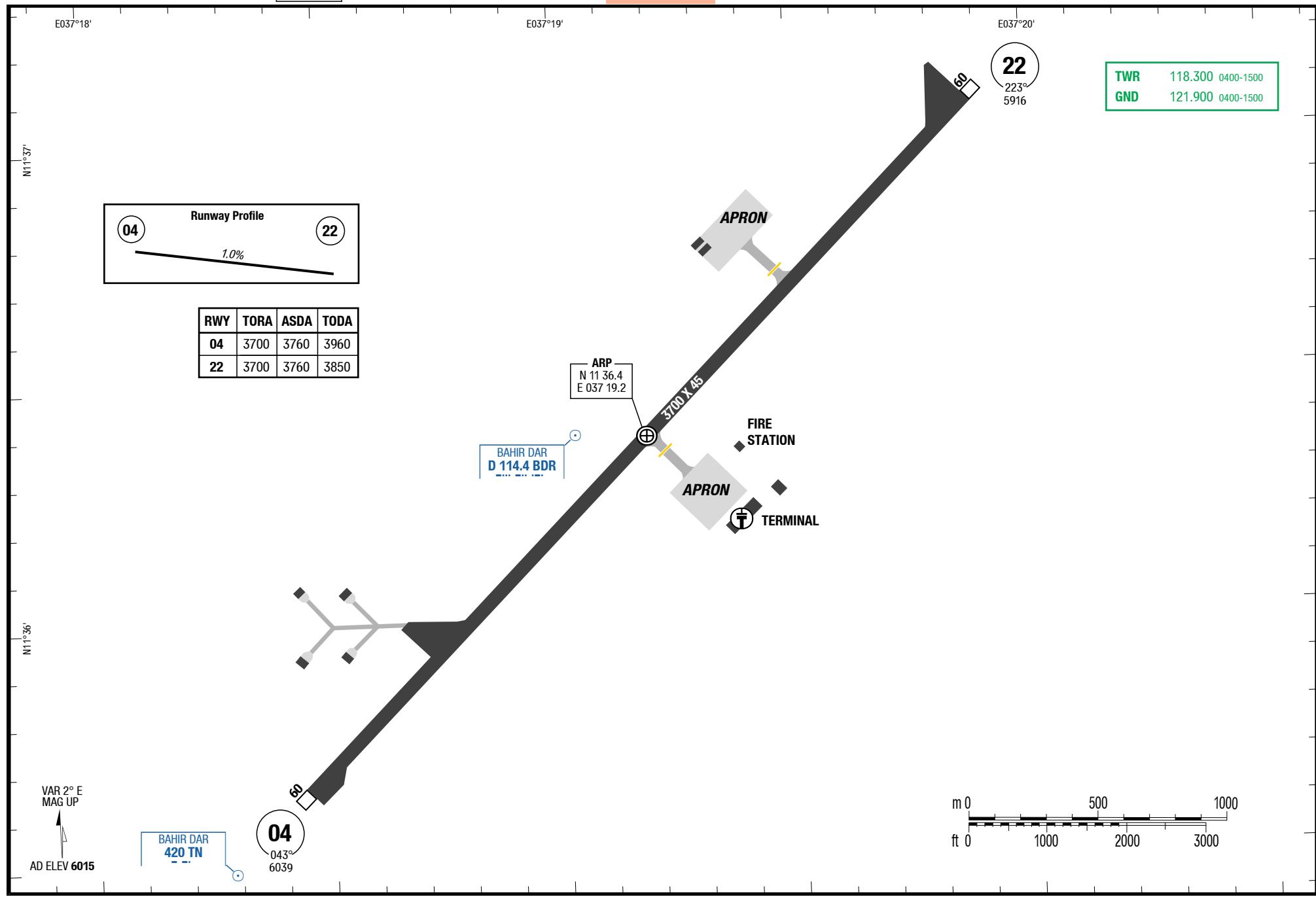
3-20

AGC

AGC

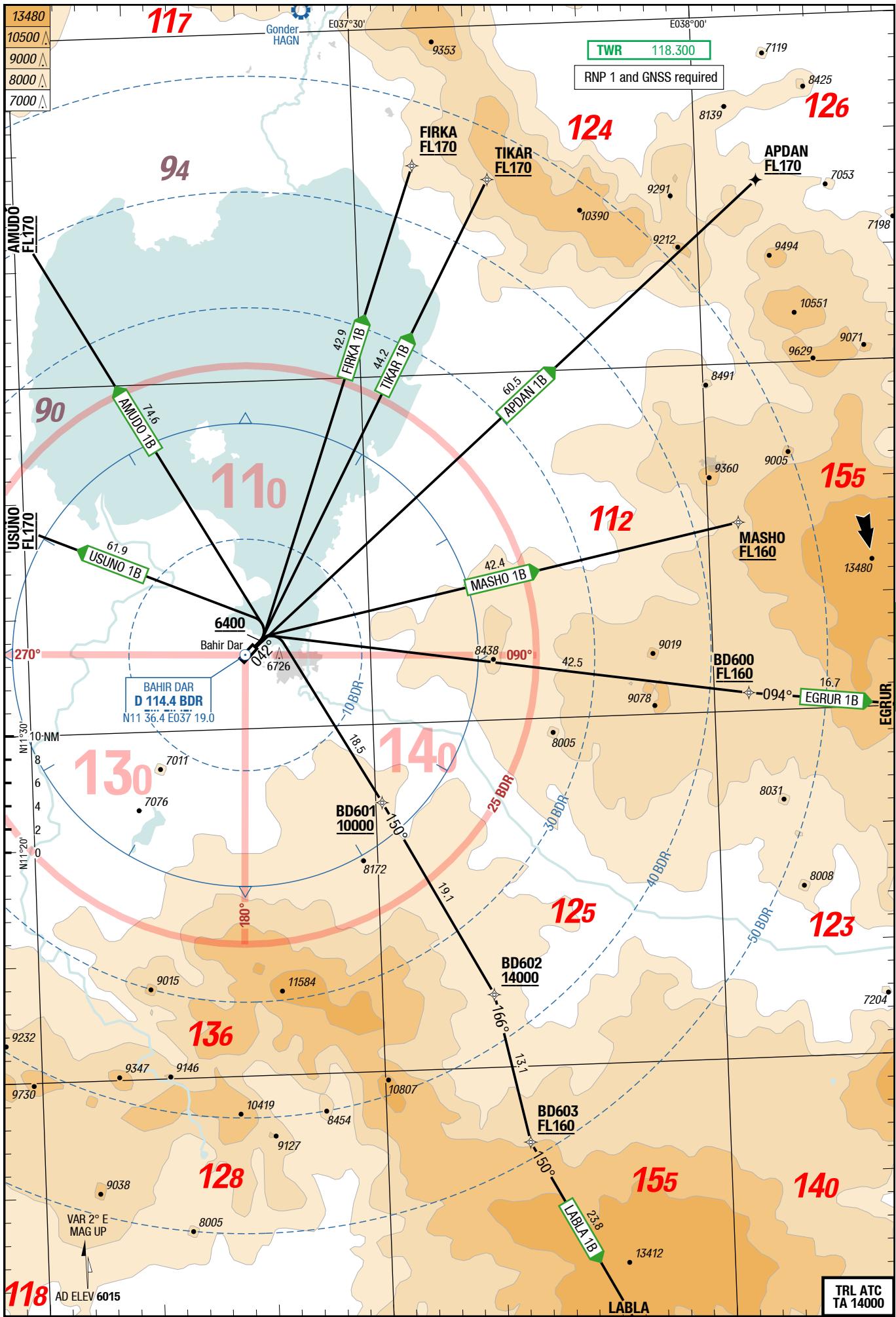
Bahir Dar Ginbot Haya Intl **Bahir Dar** Ethiopia

AGC

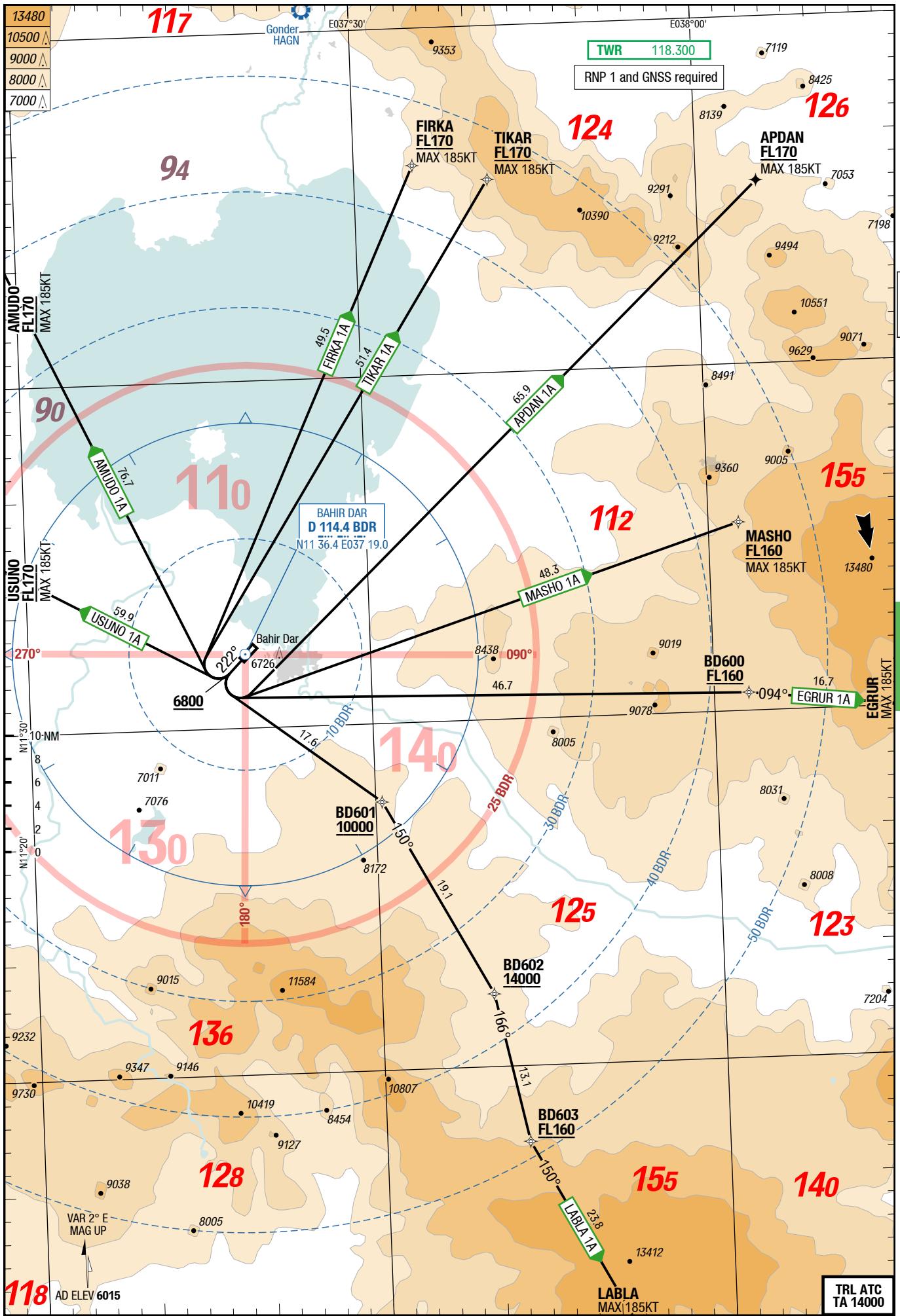


Changes: Completely revised

Bahir Dar Ginbot Hayal International **Bahir Dar Ethiopia**



Bahir Dar Ginbot Haya Intl **Bahir Dar Ethiopia**



Effective 12-Oct-2017

05-OCT-2017

BJR-HABD

4-30

RNAV SIDs RWY 04

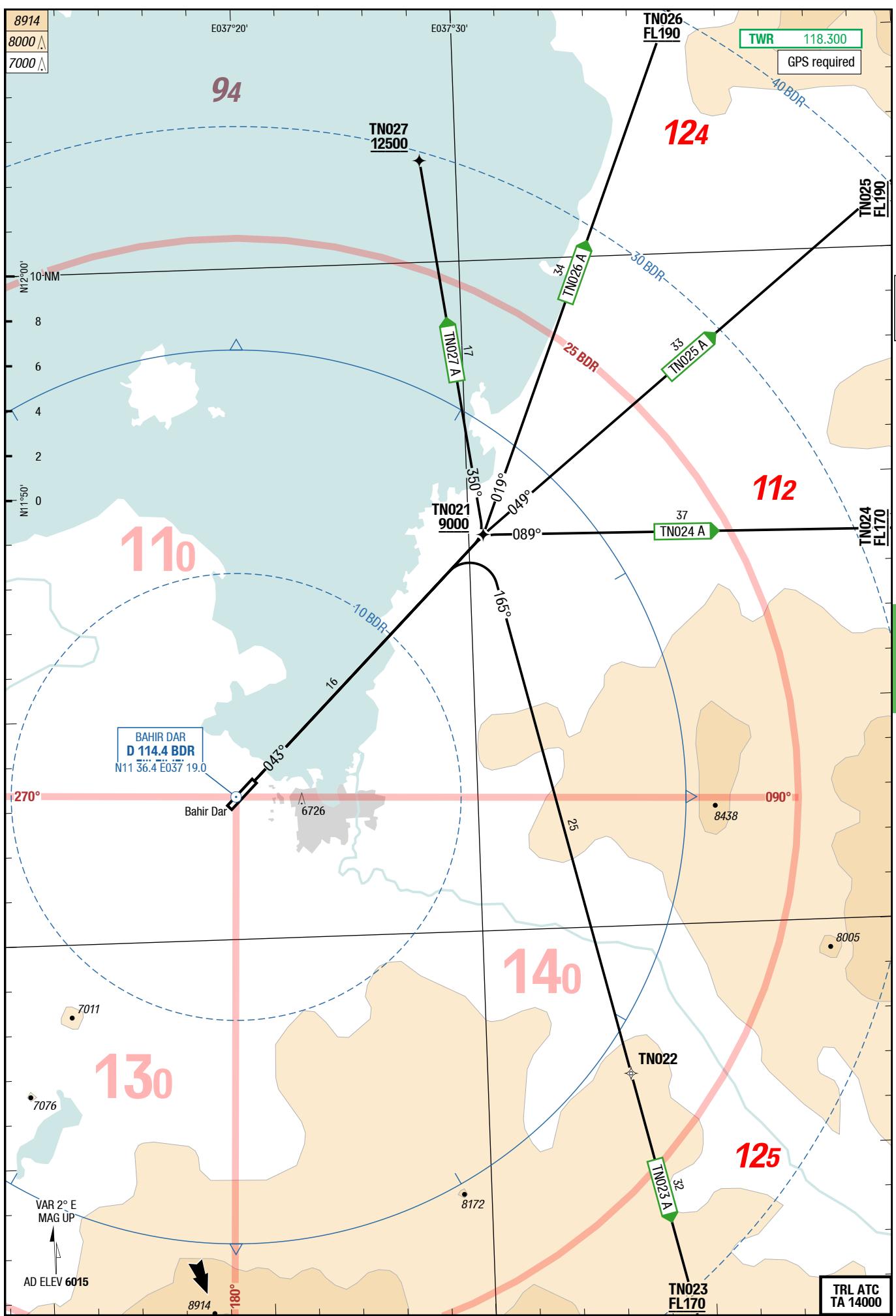
SID

RNAV SIDs RWY 04

Bahir Dar Goba Intl Bahir Dar Ethiopia

RNAV SIDs RWY 22

Bahir Dar Goba Intl Bahir Dar Ethiopia



Effective 12-Oct-2017

05-OCT-2017

Ethiopia Bahir Dar Bahir Dar Gobor Haya Intl

Bahir Dar Gobor Haya Intl Bahir Dar Ethiopia

BJR-HABD

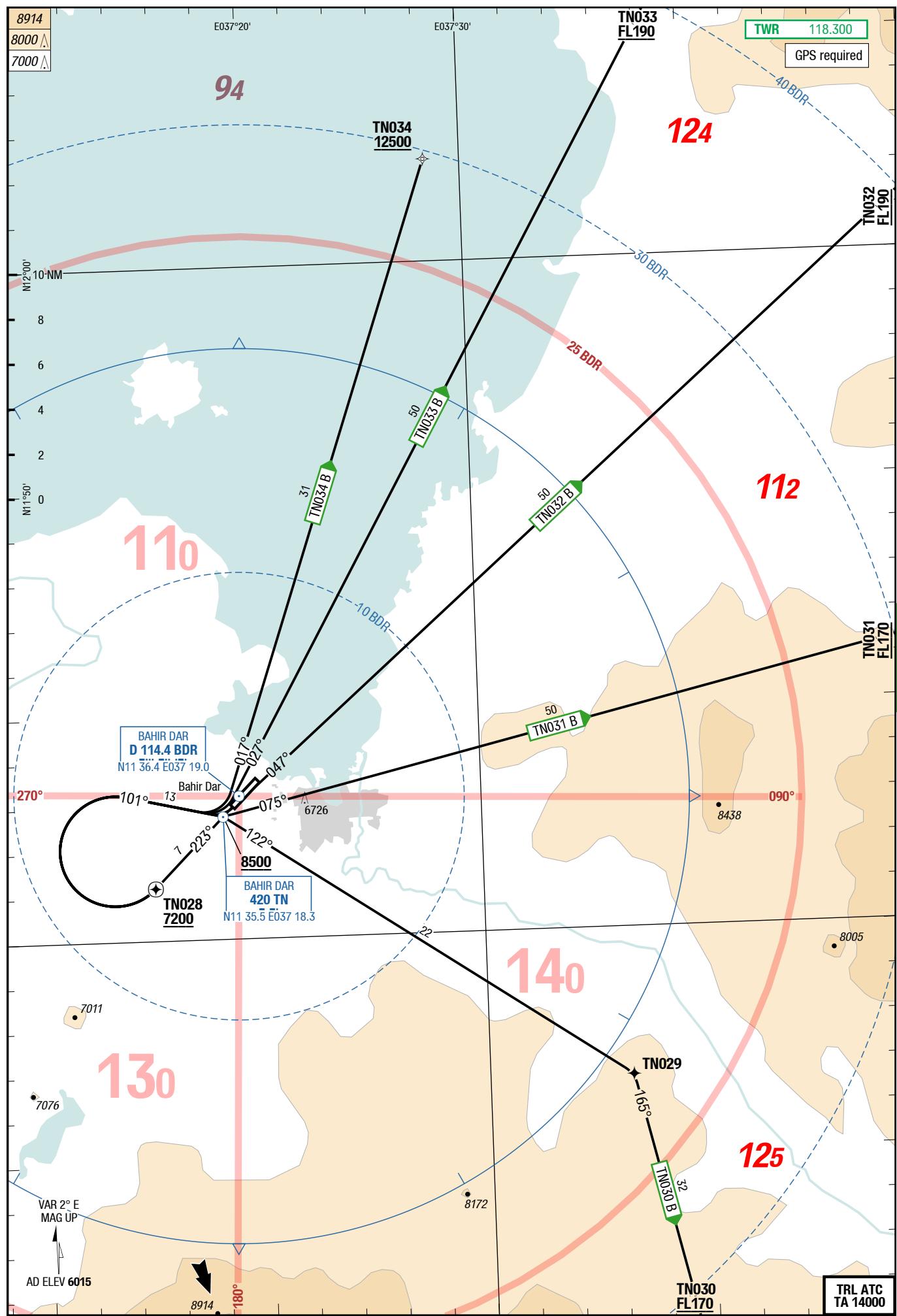
4-40

RNAV SIDs RWY 22

SID

RNAV SIDs RWY 22

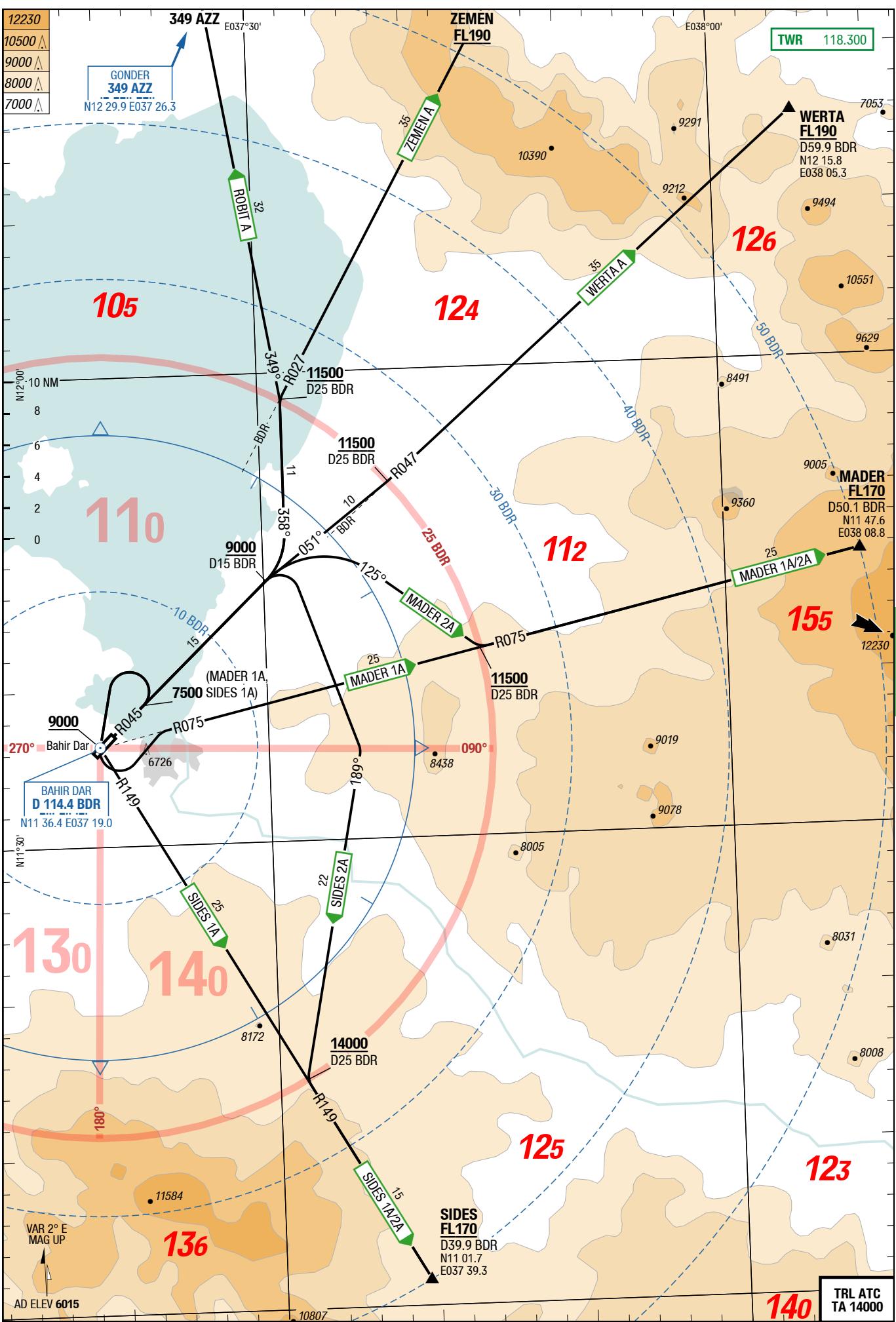
TRL ATC
TA 14000



00-001-2017

SIDS RWY 22

SIDs RWY 22



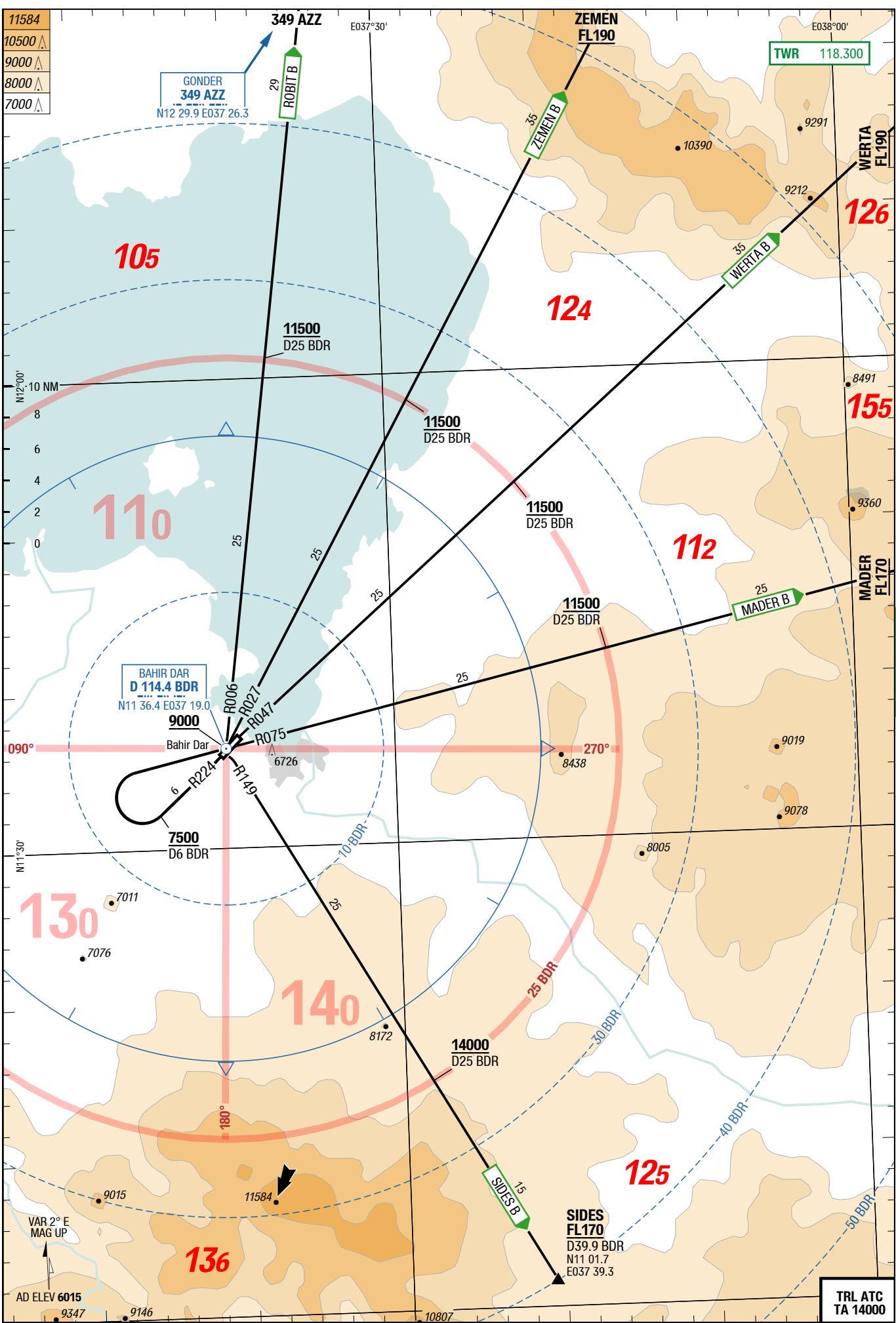
BJR-HABD

4-60

SIDS RWY 22

10

SIDS RWY 22



BJR-HABD

5-10

RNP SIDs RWY 04

AMUDO 1B / APDAN 1B / EGRUR 1B / FIRKA 1B / LABLA 1B / MASHO 1B / TIKAR 1B / USUNO 1B

RWY 04 (043°)

DESIGNATOR	ROUTING	ALTITUDES
Runway 04		
AMUDO 1B 118.300	042° [A6400+ ;L] - DCT AMUDO	AMUDO MNM FL170
APDAN 1B 118.300	DCT APDAN	APDAN MNM FL170
EGRUR 1B 118.300	042° [A6400+ ;R] - DCT BD600 - EGRUR	BD600 MNM FL160
FIRKA 1B 118.300	042° [A6400+ ;L] - DCT FIRKA	FIRKA MNM FL170
LABLA 1B 118.300	042° [A6400+ ;R] - DCT BD601 - BD602 - BD603 - LABLA	BD601 MNM 10000 BD602 MNM 14000 BD603 MNM FL160
MASHO 1B 118.300	042° [A6400+ ;R] - DCT MASHO	MASHO MNM FL160
TIKAR 1B 118.300	042° [A6400+ ;L] - DCT TIKAR	TIKAR MNM FL170
USUNO 1B 118.300	042° [A6400+ ;L] - DCT USUNO	USUNO MNM FL170

BJR-HABD

5-20

RNP SIDs RWY 22

AMUDO 1A / APDAN 1A / EGRUR 1A / FIRKA 1A / LABLA 1A / MASHO 1A / TIKAR 1A / USUNO 1A

RWY 22 (223°)

DESIGNATOR	ROUTING	ALTITUDES
Runway 22		
AMUDO 1A 118.300	222° [A6800+ ;R] - DCT AMUDO [K185-]	AMUDO MNM FL170
APDAN 1A 118.300	222° [A6800+ ;L] - DCT APDAN [K185-]	APDAN MNM FL170
EGRUR 1A 118.300	222° [A6800+ ;L] - DCT BD600 - EGRUR [K185-]	BD600 MNM FL160
FIRKA 1A 118.300	222° [A6800+ ;R] - DCT FIRKA [K185-]	FIRKA MNM FL170
LABLA 1A 118.300	222° [A6800+ ;L] - DCT BD601 - BD602 - BD603 - LABLA [K185-]	BD601 MNM 10000 BD602 MNM 14000 BD603 MNM FL160
MASHO 1A 118.300	222° [A6800+ ;L] - DCT MASHO [K185-]	MASHO MNM FL160
TIKAR 1A 118.300	222° [A6800+ ;R] - DCT TIKAR [K185-]	TIKAR MNM FL170
USUNO 1A 118.300	222° [A6800+ ;R] - DCT USUNO [K185-]	USUNO MNM FL170

BJR-HABD

5-30

RNAV SIDs RWY 04

TN023 A / TN024 A / TN025 A / TN026 A / TN027 A

RWY 04 (043°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 04	
TN023 A 118.300	at TN021 RT 165° to TN022 - TN023	TN021 MNM 9000 TN023 MNM FL170
TN024 A 118.300	at TN021 RT 089° to TN024	TN021 MNM 9000 TN024 MNM FL170
TN025 A 118.300	at TN021 RT 049° to TN025	TN021 MNM 9000 TN025 MNM FL190
TN026 A 118.300	at TN021 LT 019° to TN026	TN021 MNM 9000 TN026 MNM FL190
TN027 A 118.300	at TN021 LT 350° to TN027	TN021 MNM 9000 TN027 MNM 12500

BJR-HABD

5-40

RNAV SIDs RWY 22**TN030 B / TN031 B / TN032 B / TN033 B / TN034 B**

RWY 22 (223°)

	GS	120	150	180	210	240	270
	4.0%	ft/MIN	500	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 22	
TN030 B 4.0% to 7200 118.300	at TN028 RT 101° to TN - RT 122° to TN029 - RT 165° to TN030	TN028 MNM 7200 TN MNM 8500 TN030 MNM FL170
TN031 B 4.0% to 7200 118.300	at TN028 RT 101° to TN - LT 075° to TN031	TN028 MNM 7200 TN MNM 8500 TN031 MNM FL170
TN032 B 4.0% to 7200 118.300	at TN028 RT 101° to TN - LT 047° to TN032	TN028 MNM 7200 TN MNM 8500 TN032 MNM FL190
TN033 B 4.0% to 7200 118.300	at TN028 RT 101° to TN - LT 027° to TN033	TN028 MNM 7200 TN MNM 8500 TN033 MNM FL190
TN034 B 4.0% to 7200 118.300	at TN028 RT 101° to TN - LT 017° to TN034	TN028 MNM 7200 TN MNM 8500 TN034 MNM 12500

BJR-HABD

5-50

SIDs RWY 04

SIDPT

**MADER 1A / MADER 2A / ROBIT A / SIDES 1A / SIDES 2A / WERTA A / ZEMEN A
RWY 04 (043°)**

DESIGNATOR	ROUTING	ALTITUDES
	Runway 04	
MADER 1A 118.300	intercept R045 BDR - at 7500 LT to BDR - LT R075 BDR to MADER	BDR MNM 9000 D25 BDR MNM 11500 MADER MNM FL170
MADER 2A 118.300	intercept R045 BDR - at D15 BDR RT 125° - intercept R075 BDR to MADER	D15 BDR MNM 9000 D25 BDR MNM 11500 MADER MNM FL170
ROBIT A 118.300	intercept R045 BDR - at D15 BDR LT 358° to D25 BDR - 349° to AZZ	D15 BDR MNM 9000 D25 BDR MNM 11500
SIDES 1A 118.300	intercept R045 BDR - at 7500 LT to BDR - LT R149 BDR to SIDES	BDR MNM 9000 D25 BDR MNM 14000 SIDES MNM FL170
SIDES 2A 118.300	intercept R045 BDR - at D15 BDR RT 189° - intercept R149 BDR to SIDES	D15 BDR MNM 9000 D25 BDR MNM 14000 SIDES MNM FL170
WERTA A 118.300	intercept R045 BDR - at D15 BDR RT 051° - intercept R047 BDR to WERTA	D15 BDR MNM 9000 D25 BDR MNM 11500 WERTA MNM FL190
ZEMEN A 118.300	intercept R045 BDR - at D15 BDR LT 358° - intercept R027 BDR to ZEMEN	D15 BDR MNM 9000 D25 BDR MNM 11500 ZEMEN MNM FL190

BJR-HABD

5-60

SIDs RWY 22

MADER B / ROBIT B / SIDES B / WERTA B / ZEMEN B

RWY 22 (223°)

	GS	120	150	180	210	240	270
	4.0%	ft/MIN	500	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 22	
MADER B 4.0% to 7500 118.300	intercept R224 BDR - at D6 BDR RT to BDR - R075 BDR to MADER	D6 BDR MNM 7500 BDR MNM 9000 D25 BDR MNM 11500 MADER MNM FL170
ROBIT B 4.0% to 7500 118.300	intercept R224 BDR - at D6 BDR RT to BDR - LT R006 BDR to AZZ	D6 BDR MNM 7500 BDR MNM 9000 D25 BDR MNM 11500
SIDES B 4.0% to 7500 118.300	intercept R224 BDR - at D6 BDR RT to BDR - RT R149 BDR to SIDES	D6 BDR MNM 7500 BDR MNM 9000 D25 BDR MNM 14000 SIDES MNM FL170
WERTA B 4.0% to 7500 118.300	intercept R224 BDR - at D6 BDR RT to BDR - LT R047 BDR to WERTA	D6 BDR MNM 7500 BDR MNM 9000 D25 BDR MNM 11500 WERTA MNM FL190
ZEMEN B 4.0% to 7500 118.300	intercept R224 BDR - at D6 BDR RT to BDR - LT R027 BDR to ZEMEN	D6 BDR MNM 7500 BDR MNM 9000 D25 BDR MNM 11500 ZEMEN MNM FL190

Effective 12-OCT-2017

05-OCT-2017

BJR-HABD

Ethiopia Bahir Dar Bahir Dar Ginbot Haya Intl

[RNP STARs RWY 22]

6-10

RNP STARs RWY 04

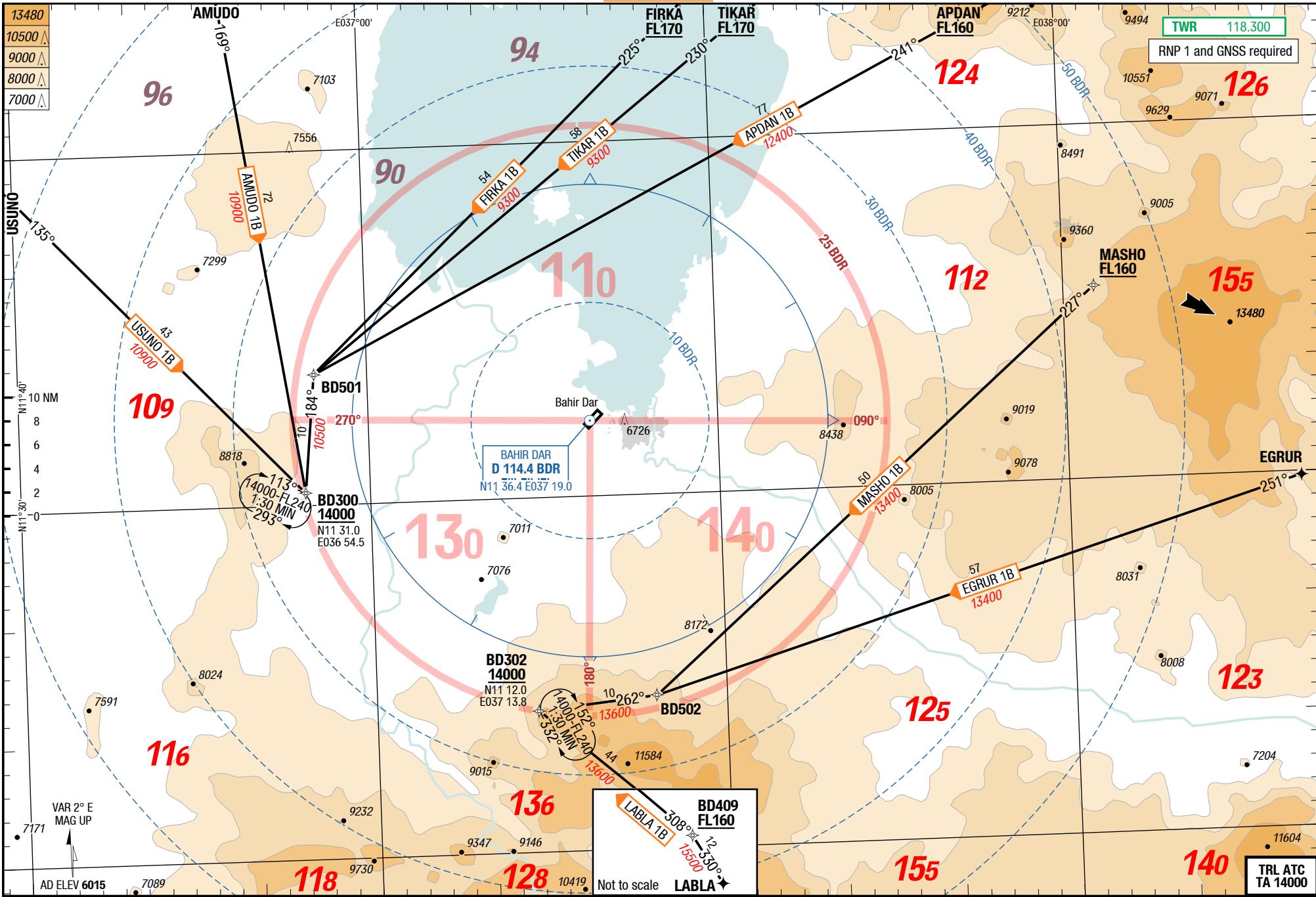
STAR

STAR

Bahir Dar Ginbot Haya Intl Bahir Dar Ethiopia

[RNP STARs RWY 22]

RNP STARs RWY 04



Effective 12-OCT-2017

05-OCT-2017

Ethiopia **Bahir Dar** Bahir Dar Ginbot Haya Intl

BJR-HABD

6-20

RNP STARs RWY 22

STAR

STAD

Bahir Dar Ginbot Haya Intl **Bahir Dar** Ethiopia

TWR 118.300

RNP 1 and GNSS required

Not to scale

TRL ATC TA 14000

Changes: new

Effective 12-OCT-2017

05-OCT-2017

BJR-HABD

Ethiopia Bahir Dar Bahir Dar Ginbot Haya Intl

[RNAV STARs RWY 22]

6-30

RNAV STARs RWY 04

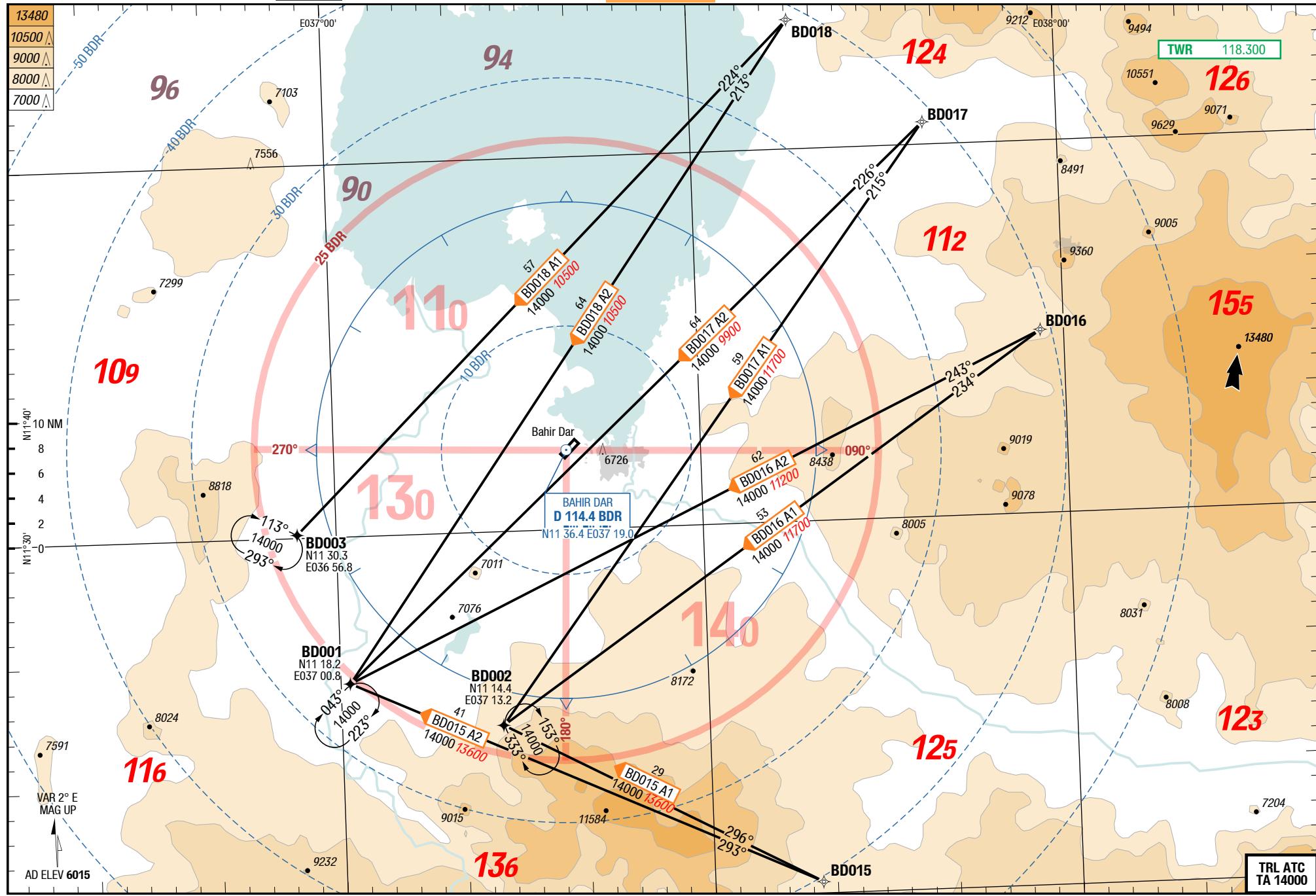
STAR

STAR

Bahir Dar Ginbot Haya Intl Bahir Dar Ethiopia

[RNAV STARs RWY 22]

RNAV STARs RWY 04



Changes: Completely revised

Effective 12-OCT-2017

05-OCT-2017

Ethiopia Bahir Dar Bahir Dar Ginbot Haya Intl

BJR-HABD

6-40

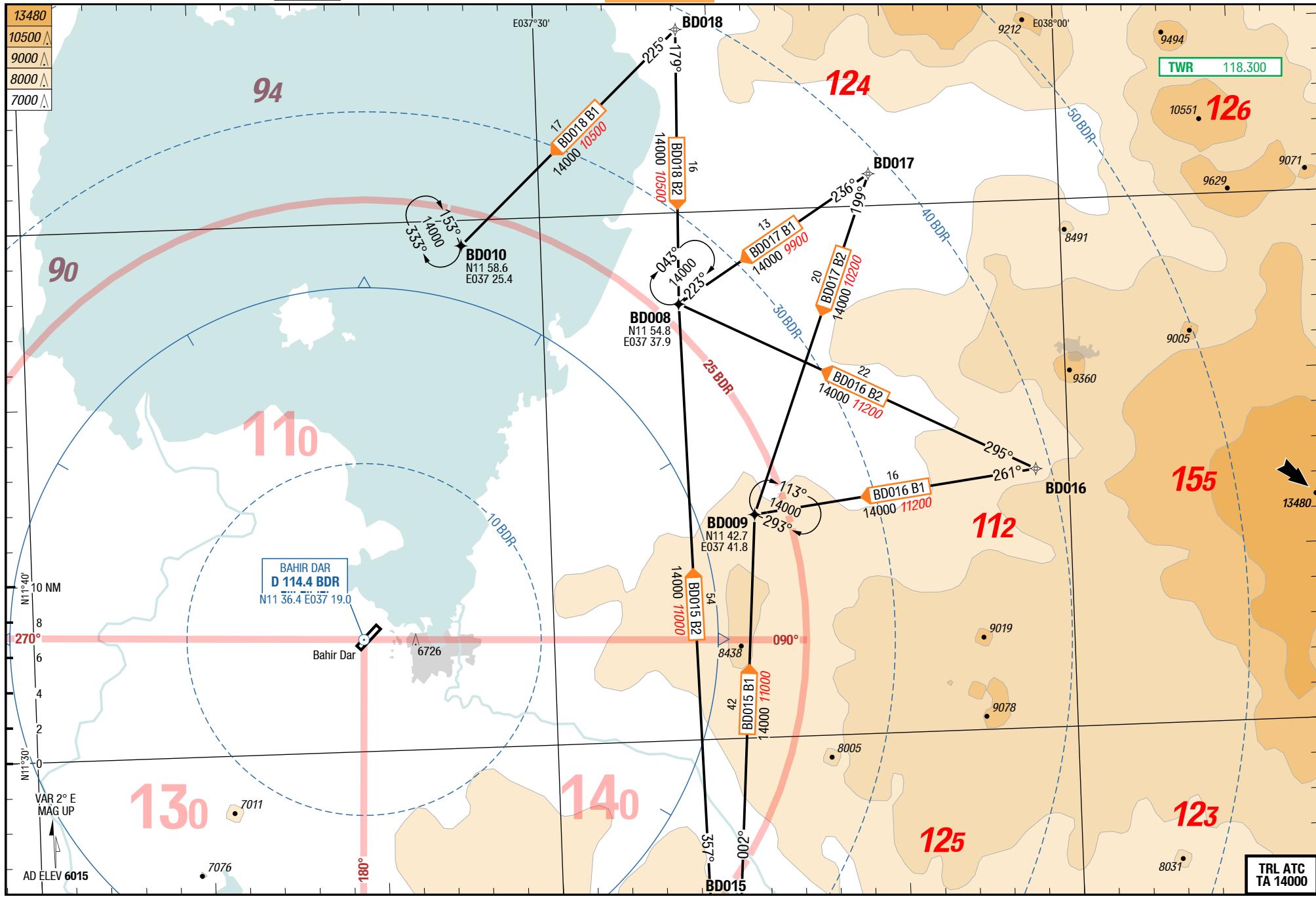
RNAV STARs RWY 22

STAR

STAR

Bahir Dar Ginbot Haya Intl Bahir Dar Ethiopia

RNAV STARs RWY 22



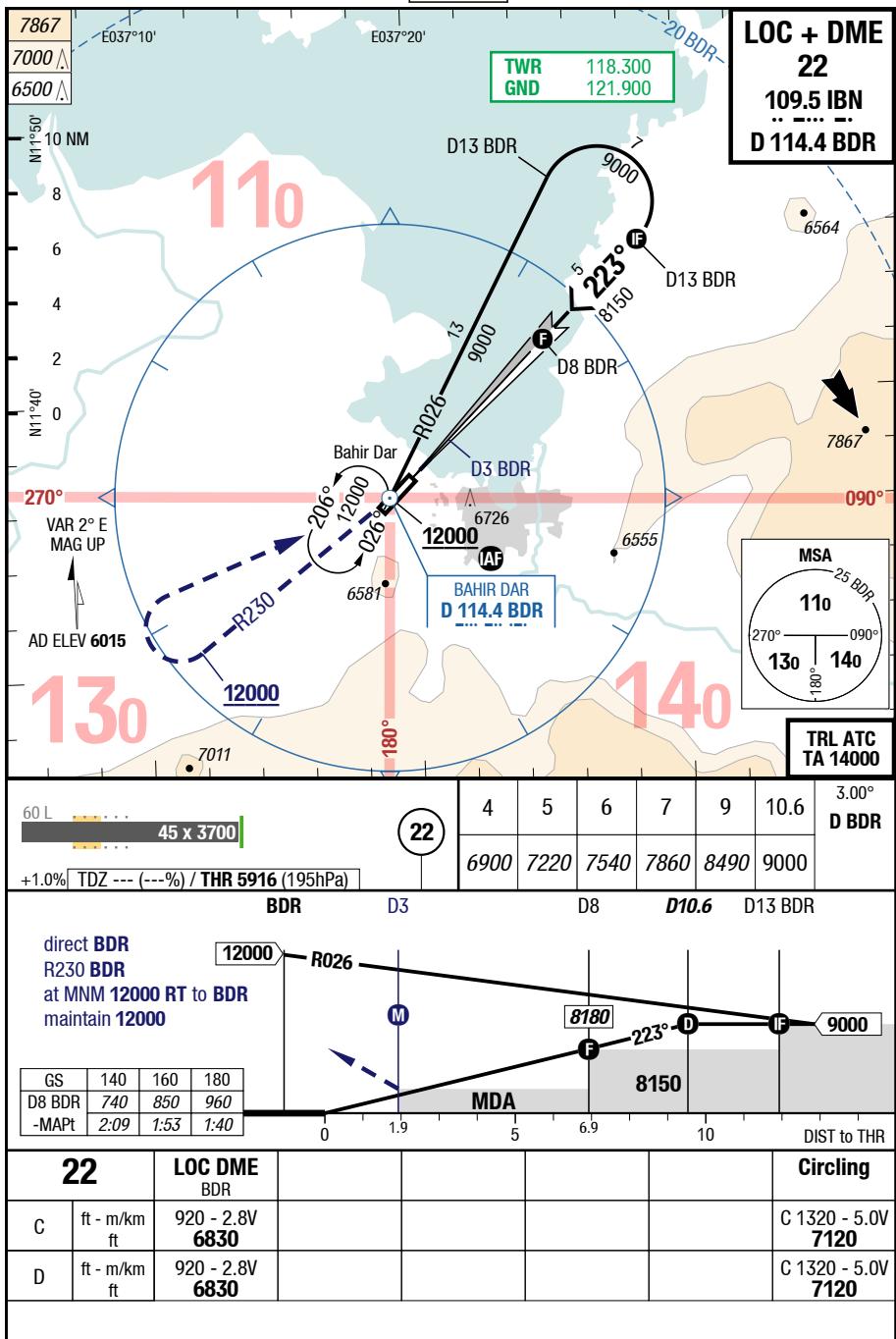
Changes: Completely revised

16-AUG-2018

BJR-HABD

7-10

LOC + DME 22



Changes: LDA

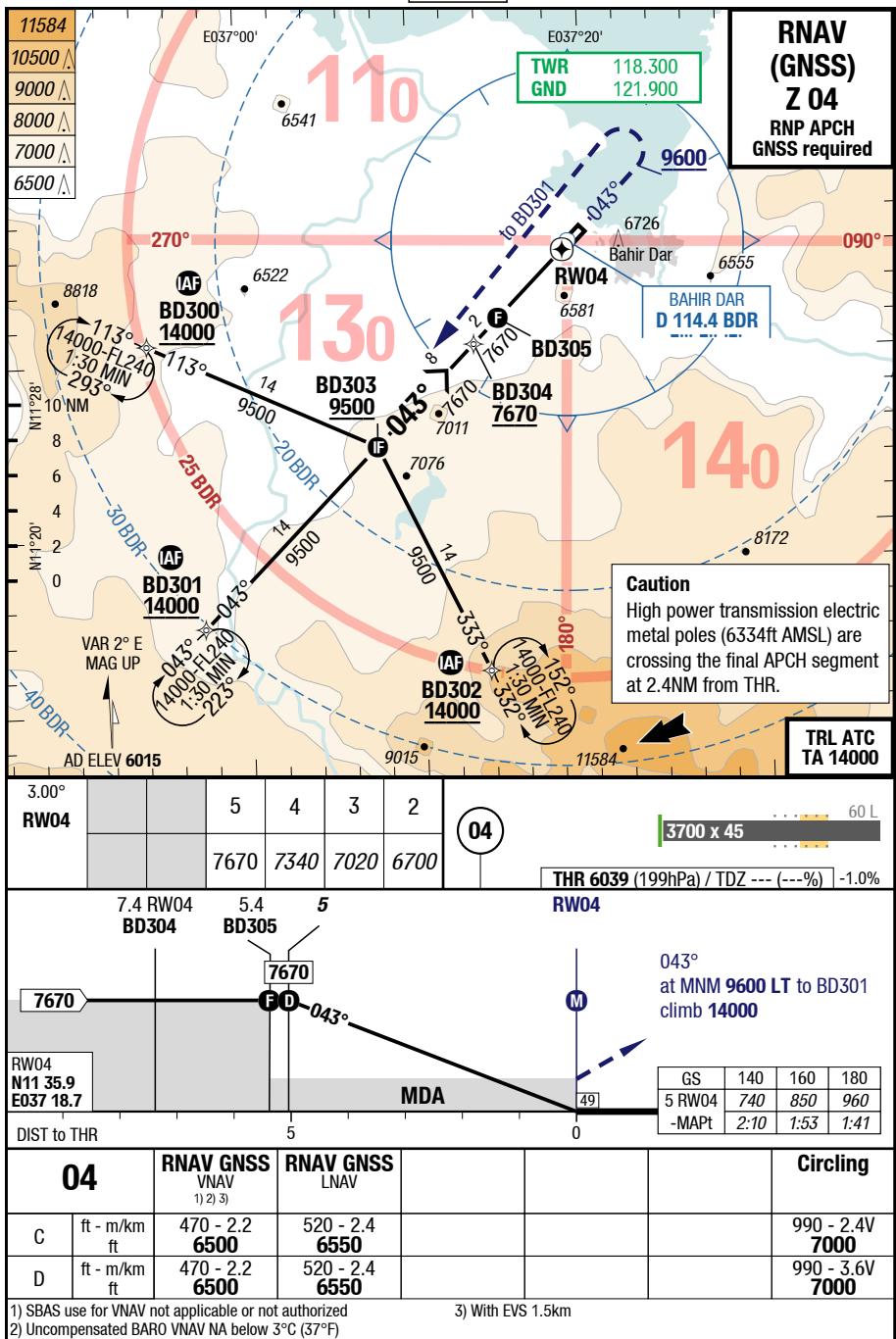
16-AUG-2018

BJR-HABD

7-30

RNAV (GNSS) Z 04

IAC



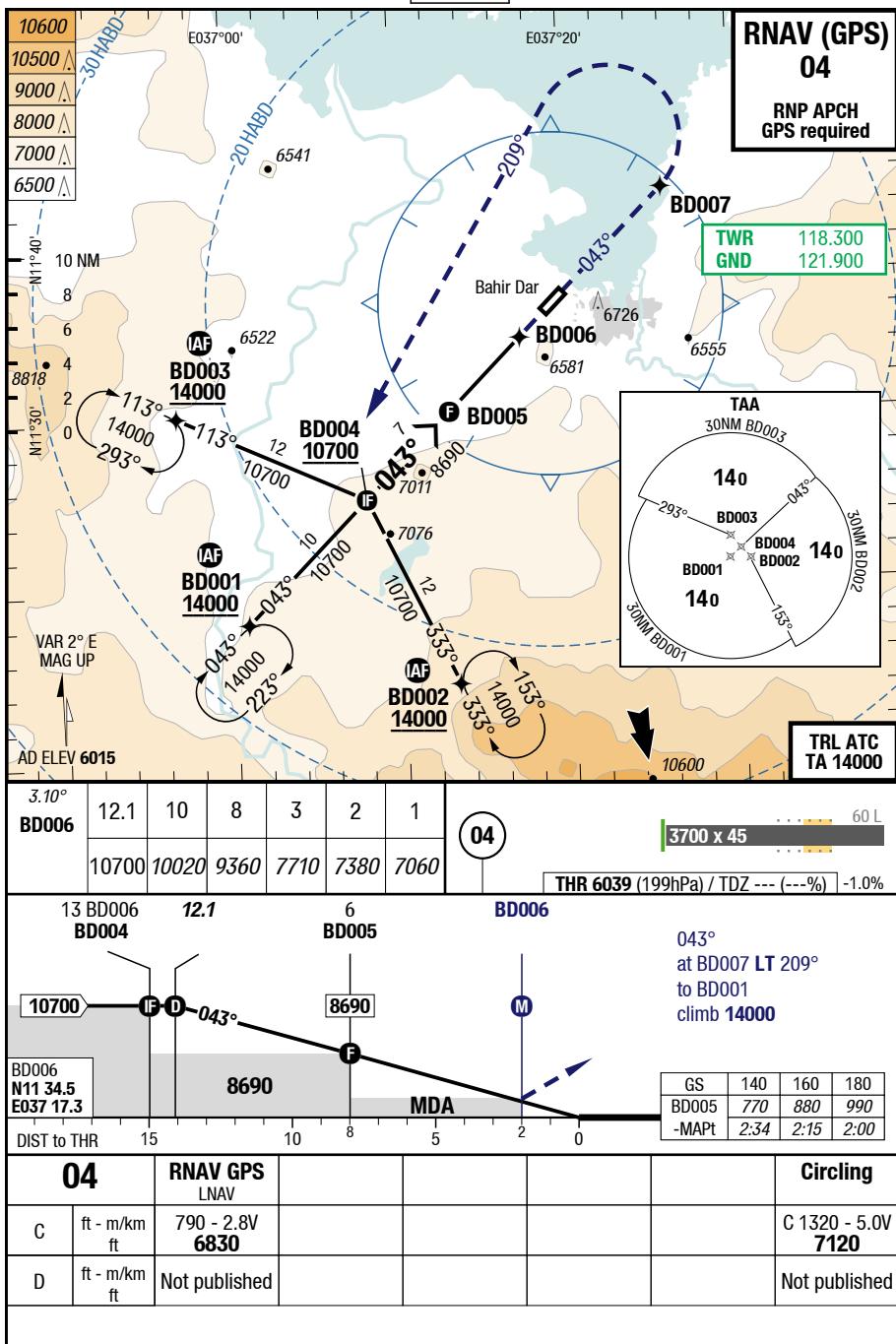
Changes: MIN, LDA, THR ELEV

16-AUG-2018

BJR-HABD

7-40

RNAV (GPS) 04



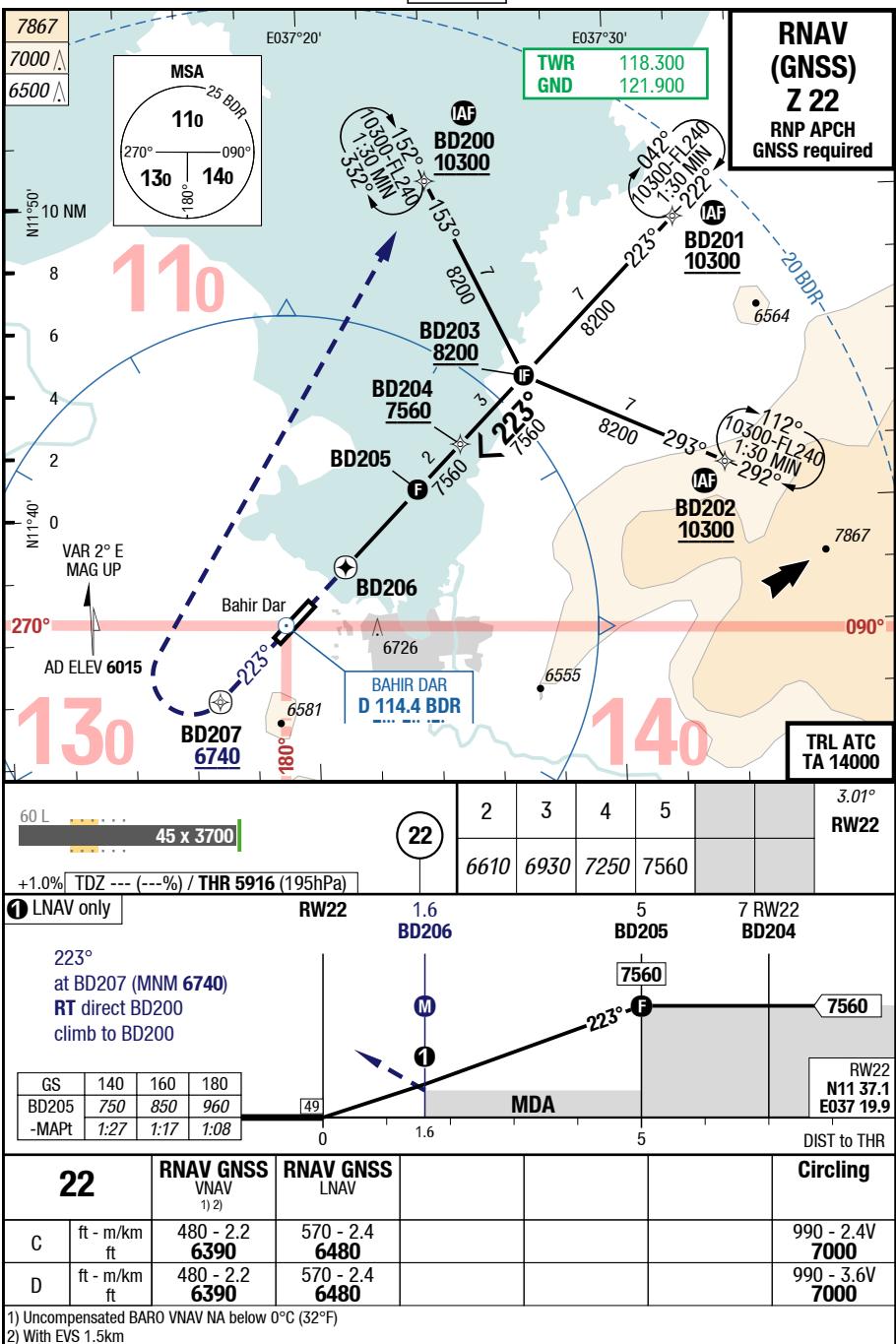
Changes: MIN, LDA, THR ELEV

16-AUG-2018

BJR-HABD

7-50

RNAV (GNSS) Z 22



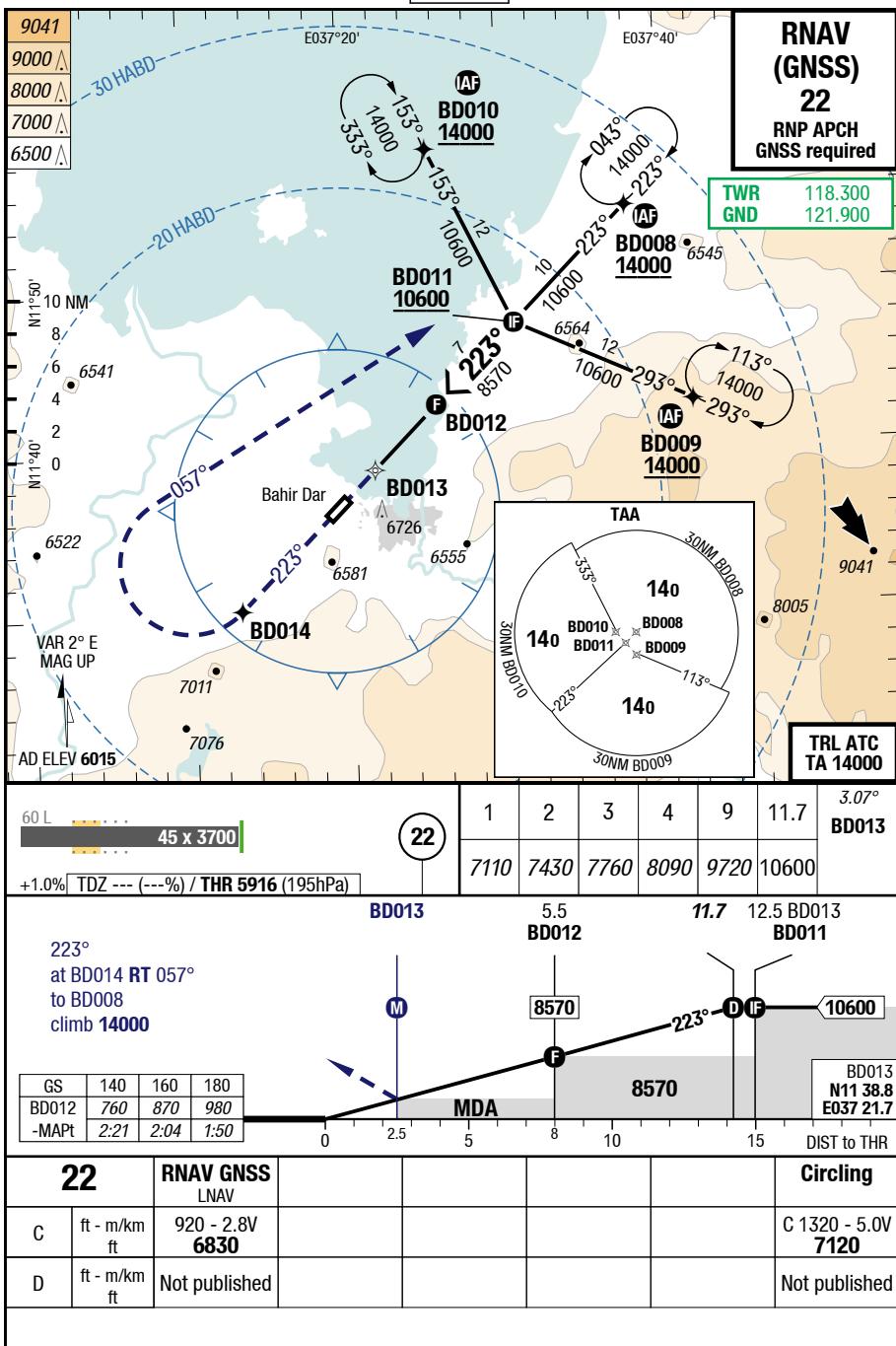
Ethiopia **Bahir Dar** Bahir Dar Ginbot Haya Intl

16-AUG-2018

BJR-HABD

7-60

RNAV (GNSS) 22

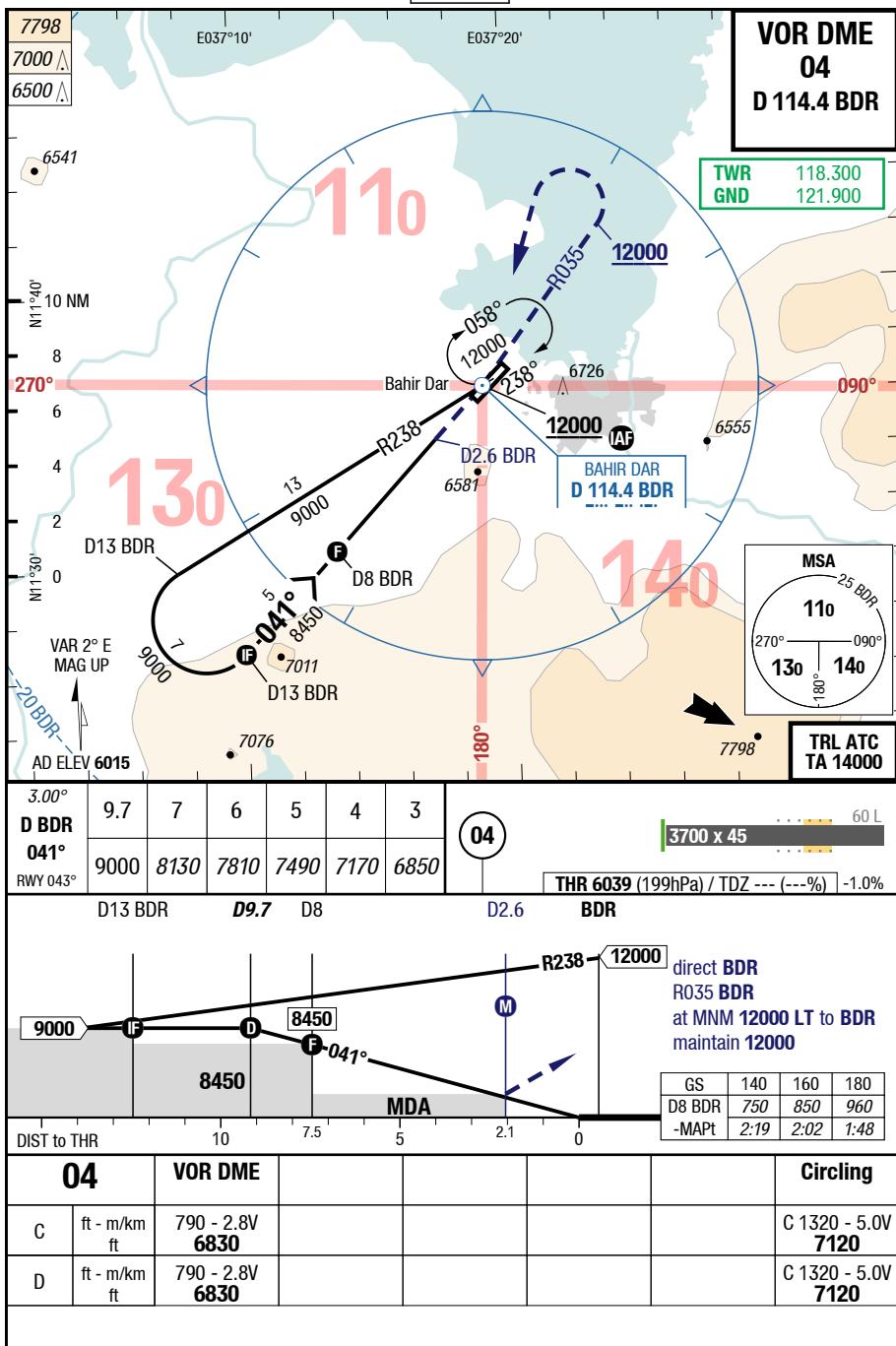


16-AUG-2018

BJR-HABD

7-70

VOR DME 04



Changes: MIN, LDA, THR ELEV

16-AUG-2018

BJR-HABD

7-80

VOR DME 22

