GENERAL

Operational Hours

ATS Hours / AD OPS Hours: H24

AD ADMIN Hours: MON-FRI 0000-0800

Airport Information

RFF: CAT 8
PCN: RWY 10/28: 94/F/D/X/T

Operation

RWY Restriction
RWY CLSD due MAINT between 0600-0620.

TWY Restrictions
TWY S3 (from SP1 to SP2 to Navy Hangar), S4 (from SP1 to Navy Hangar), SP1 width 20m / 66ft.

TWY NP1 between N3N and N4 CLSD.

TWY S4 and SP2 between S3 and S4, N5S AVBL for wide body ACFT.

TWY S5 AVBL up to B773.

TWY N3S AVBL for ARR only.

Taxi/Parking
Follow guidance line on turning areas.

TWY SP2 from S2 to S1: B747 or similar ACFT, keep outboard ENGs idle.

Standard Taxi Routes for North APN:
LDG RWY 10/28: Via TWY NP2 and TWY N4 or TWY N5 or as instructed by ATC.
TKOF RWY 10/28: Via TWY N3N or TWY N6 and TWY NP2 or as instructed by ATC.

Visual docking guidance system AVBL on North APN.

Engine Run-Up Areas
Jet ACFT are not allowed to run up ENGs on APN unless instructed by ATC.

Warnings

SBR VOR/DME unusable:
R160-R210 below 14000ft.
R210-R230 below 11000ft.

Birds in vicinity of AD.

ARRIVAL

Communication

COM Failure: Follow STAR and continue to land.

Under radar vectoring: maintain vector for not more than 1min, then track to intercept cleared or previously assigned STAR and land.

Arrival Procedure

Non-standard GP intercept position on RWY 10
GP intercepts RWY 10 at *308m / 1011ft* after landing threshold.
Remaining LDG DIST beyond GP is *2692m / 8832ft.*

DEPARTURE

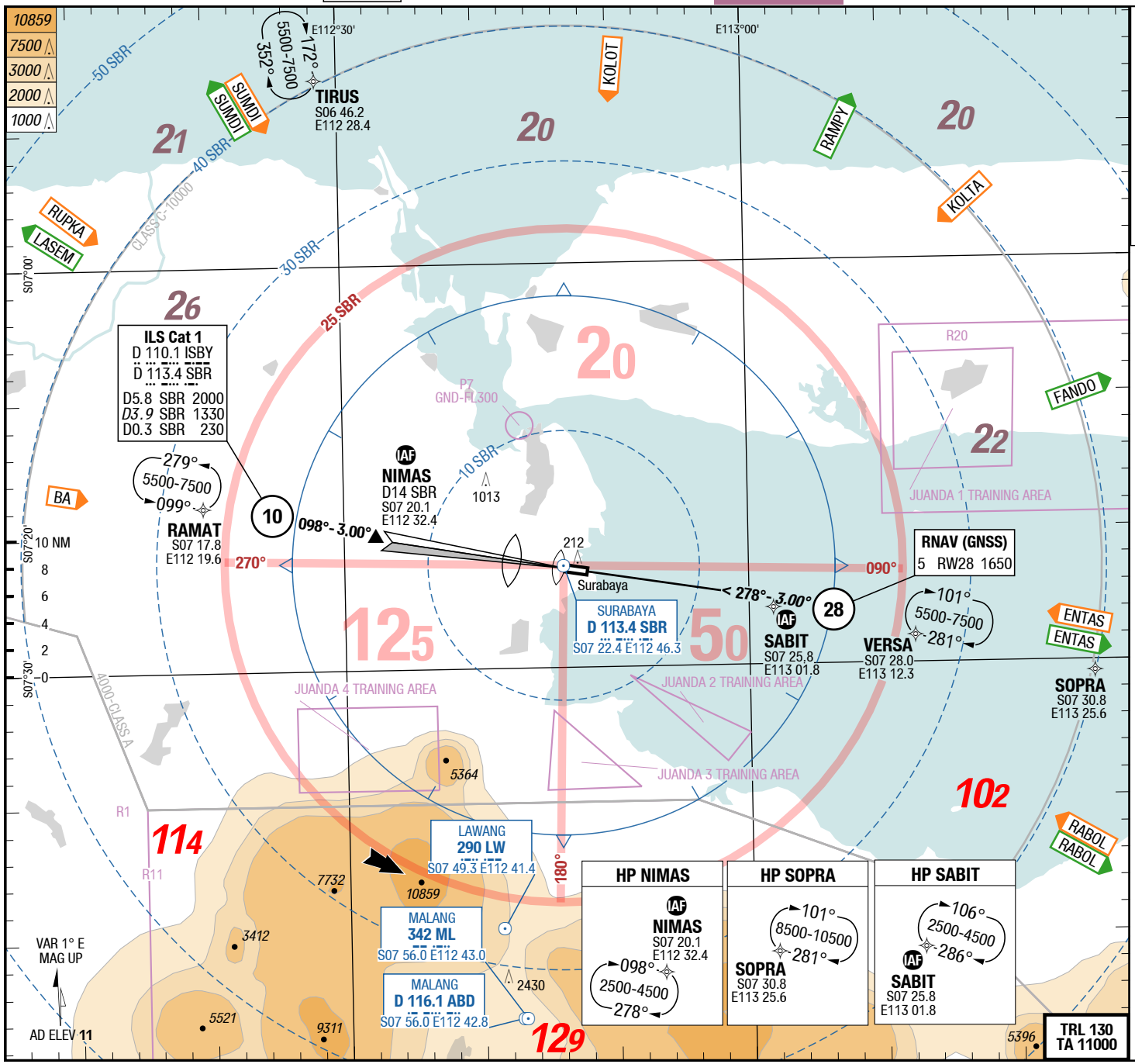
Take-off Minima

RWY		10/28	
All ACFT	ft - m/km	0 - 400v	HJ only
		0 - 800v	HN

Communication

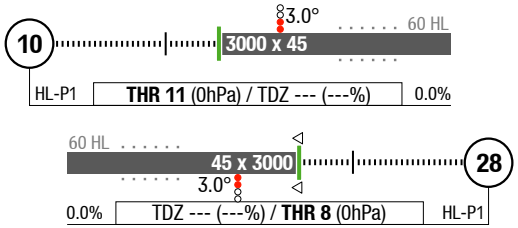
COM Failure: Follow cleared SID following assigned RNAV departure and current flight plan.

Under radar vectoring: follow assigned HDG and last assigned LVL for 2min or maintain MSA, then climb to flight plan LVL and intercept flight plan track (as amended by ATC if applicable).

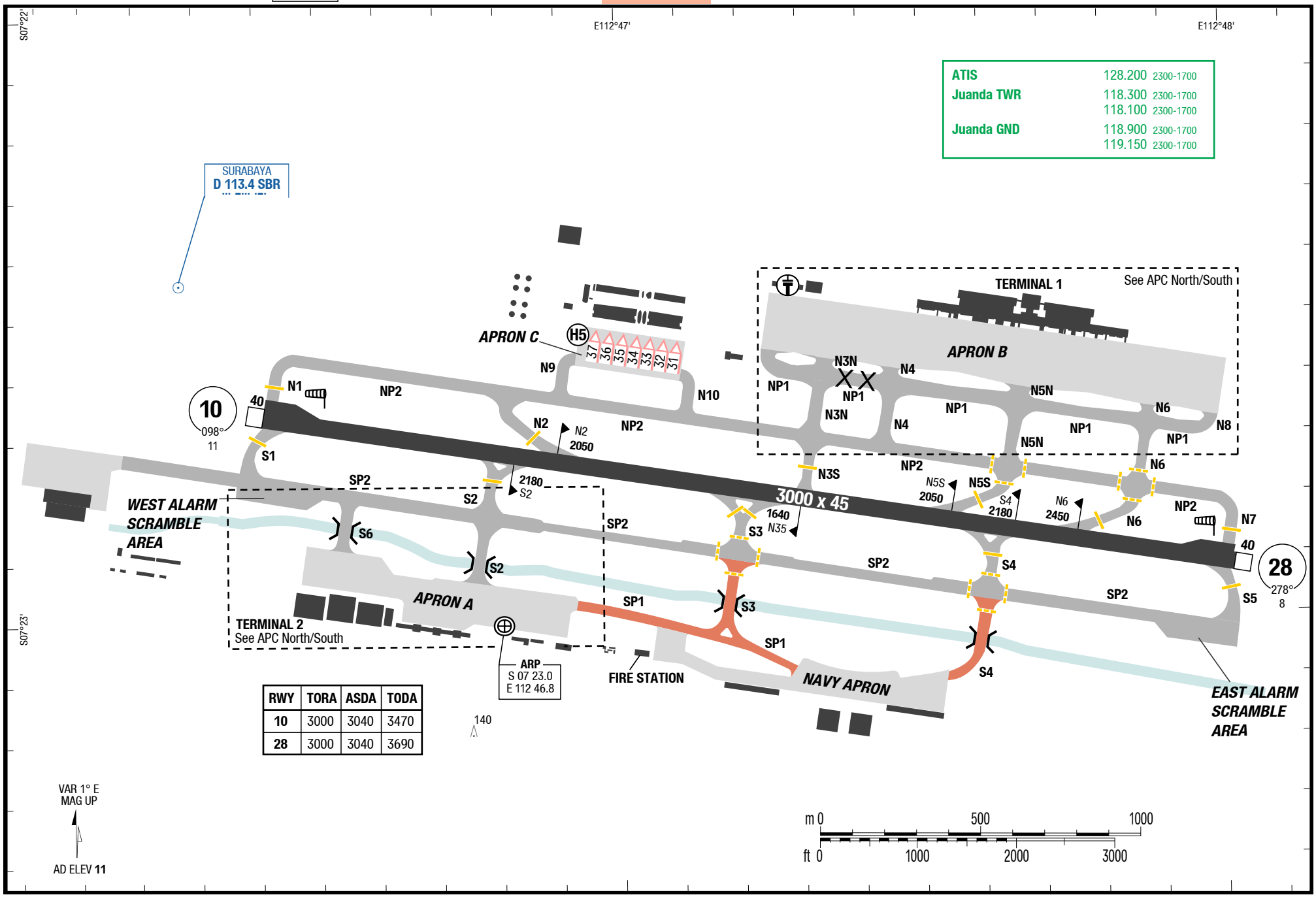


ATIS	128.200 2300-1700
West CTL	125.100 123.550
East CTL	124.000 122.850
DIR	123.200 2300-1700 124.500 2300-1700
Juanda TWR	118.300 2300-1700 118.100 2300-1700
Juanda GND	118.900 2300-1700 119.150 2300-1700

Landing RWY system:

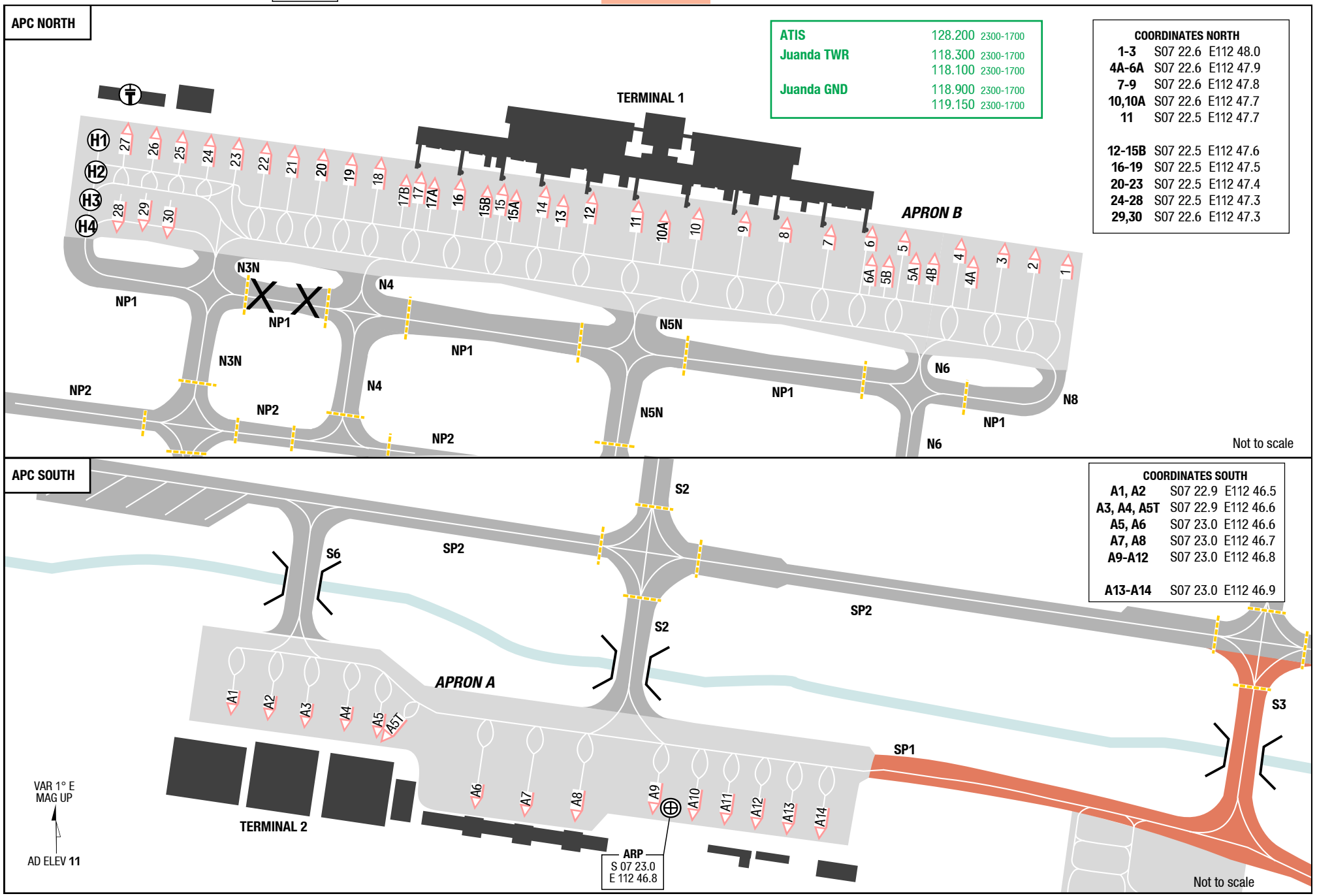


Changes: Nil

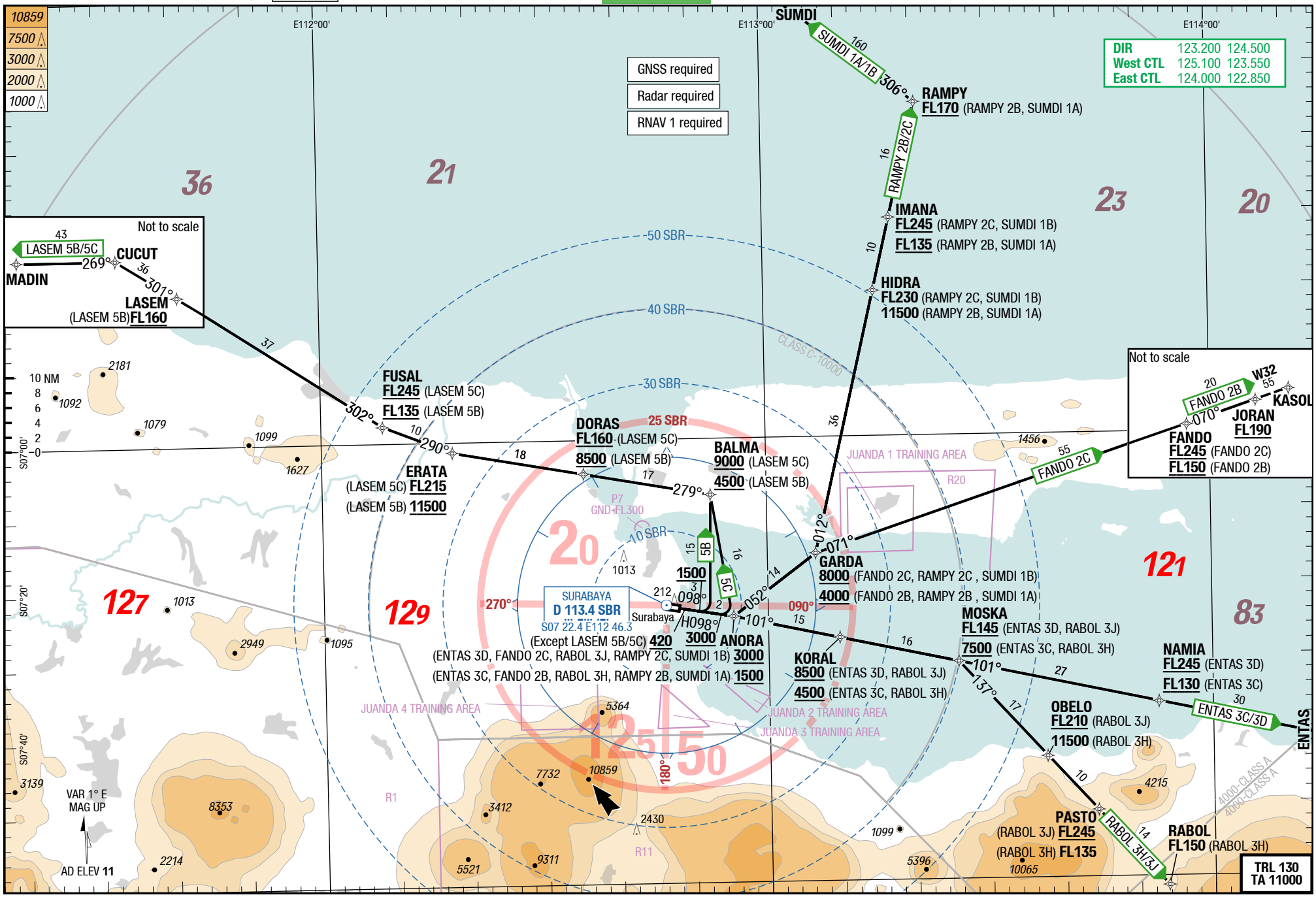


RWY	TORA	ASDA	TODA
10	3000	3040	3470
28	3000	3040	3690

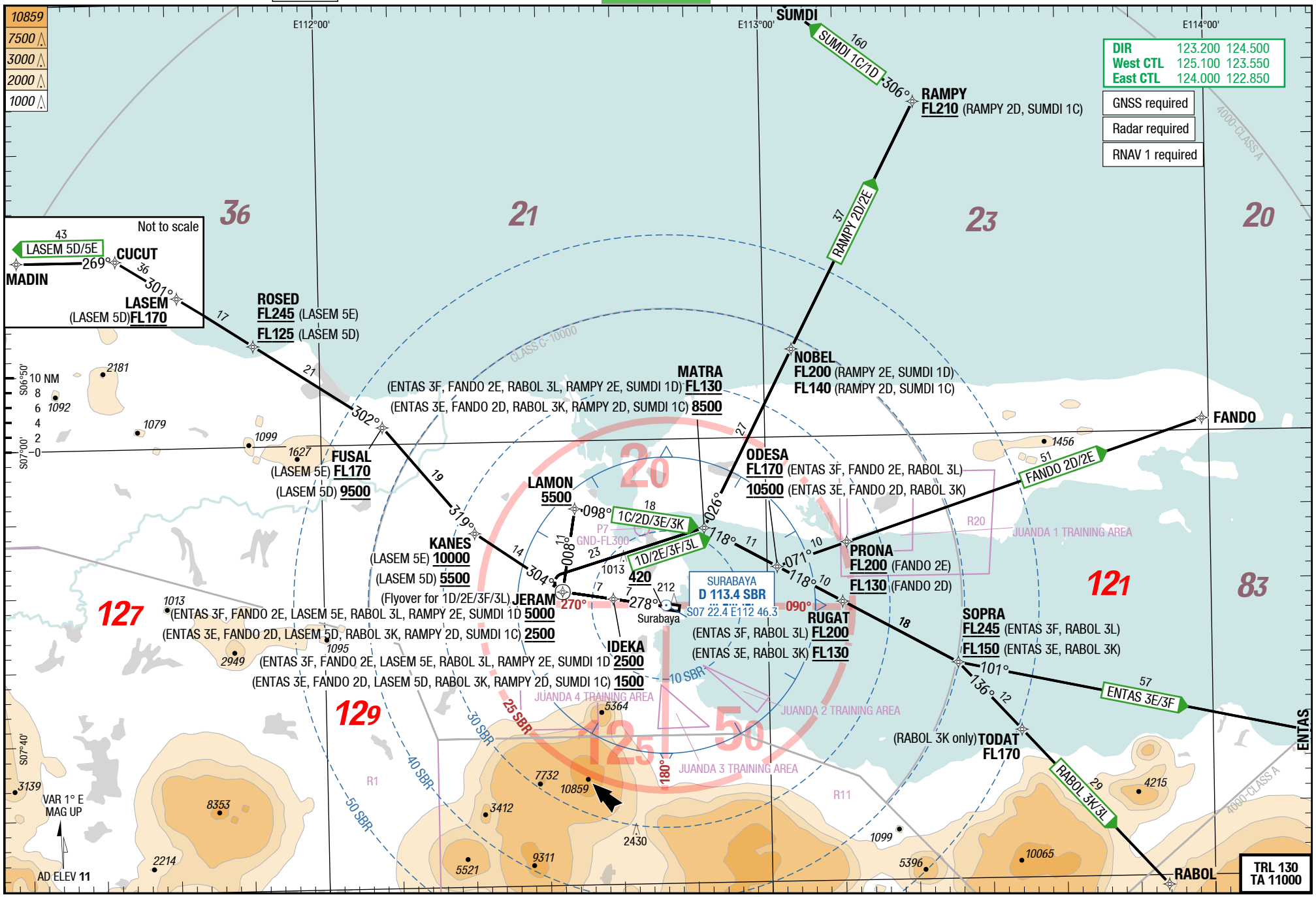
Changes: APN, TWY , Parking Stands



Changes: APN



Changes: ALT, SUAs, OBST



Changes: ALT, SUAs, OBST

ENTAS 3C / ENTAS 3D / FANDO 2B / FANDO 2C / LASEM 5B / LASEM 5C / RABOL 3H / RABOL 3J

RWY 10 (098°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
ENTAS 3C **123.200**	098° [A420+] - DCT ANORA - KORAL - MOSKA - NAMIA - ENTAS	ANORA MNM **1500** KORAL MNM **4500** MOSKA MNM **7500** NAMIA MNM **FL130**
ENTAS 3D 5.0% **123.200**	098° [A420+] - DCT ANORA - KORAL - MOSKA - NAMIA - ENTAS	ANORA MNM **3000** KORAL MNM **8500** MOSKA MNM **FL145** NAMIA MNM **FL245**
FANDO 2B **123.200**	098° [A420+] - DCT ANORA - GARDA - FANDO - JORAN	ANORA MNM **1500** GARDA MNM **4000** FANDO MNM **FL150** JORAN MNM **FL190**
FANDO 2C 5.0% **123.200**	098° [A420+] - DCT ANORA - GARDA - FANDO	ANORA MNM **3000** GARDA MNM **8000** FANDO MNM **FL245**
LASEM 5B **123.200**	H098° [A1500+ ;L] - DCT BALMA - DORAS - ERATA - FUSAL - LASEM - CUCUT - MADIN	BALMA MNM **4500** DORAS MNM **8500** ERATA MNM **11500** FUSAL MNM **FL135** LASEM MNM **FL160**
LASEM 5C 5.0% **123.200**	H098° [A3000+ ;L] - DCT BALMA - DORAS - ERATA - FUSAL - LASEM - CUCUT - MADIN	BALMA MNM **9000** DORAS MNM **FL160** ERATA MNM **FL215** FUSAL MNM **FL245**
RABOL 3H **123.200**	098° [A420+] - DCT ANORA - KORAL - MOSKA - OBELO - PASTO - RABOL	ANORA MNM **1500** KORAL MNM **4500** MOSKA MNM **7500** OBELO at **11500** PASTO at **FL135** RABOL at **FL150**
RABOL 3J 5.0% **123.200**	098° [A420+] - DCT ANORA - KORAL - MOSKA - OBELO - PASTO - RABOL	ANORA MNM **3000** KORAL MNM **8500** MOSKA MNM **FL145** OBELO MNM **FL210** PASTO MNM **FL245**

RAMPY 2B / RAMPY 2C / SUMDI 1A / SUMDI 1B

RWY 10 (098°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
RAMPY 2B **123.200**	098° [A420+] - DCT ANORA - GARDA - HIDRA - IMANA - RAMPY	ANORA MNM **1500** GARDA MNM **4000** HIDRA at **11500** IMANA MNM **FL135** RAMPY MNM **FL170**
RAMPY 2C 5.0% **123.200**	098° [A420+] - DCT ANORA - GARDA - HIDRA - IMANA - RAMPY	ANORA MNM **3000** GARDA MNM **8000** HIDRA at **FL230** IMANA MNM **FL245**
SUMDI 1A **123.200**	098° [A420+] - DCT ANORA - GARDA - HIDRA - IMANA - RAMPY - SUMDI	ANORA MNM **1500** GARDA MNM **4000** HIDRA at **11500** IMANA MNM **FL135** RAMPY MNM **FL170**
SUMDI 1B 5.0% **123.200**	098° [A420+] - DCT ANORA - GARDA - HIDRA - IMANA - RAMPY - SUMDI	ANORA MNM **3000** GARDA MNM **8000** HIDRA at **FL230** IMANA MNM **FL245**

ENTAS 3E / ENTAS 3F / FANDO 2D / FANDO 2E / LASEM 5D / LASEM 5E

RWY 28 (278°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 28	
ENTAS 3E **123.200**	278° [A420+] - DCT IDEKA - JERAM - LAMON - MATRA - ODESA - RUGAT - SOPRA - ENTAS	IDEKA MNM **1500** JERAM MNM **2500** LAMON MNM **5500** MATRA MNM **8500** ODESA MNM **10500** RUGAT MNM **FL130** SOPRA MNM **FL150**
ENTAS 3F 5.0% **123.200**	278° [A420+] - DCT IDEKA - JERAM [R] - DCT MATRA - ODESA - RUGAT - SOPRA - ENTAS	IDEKA MNM **2500** JERAM MNM **5000** MATRA MNM **FL130** ODESA MNM **FL170** RUGAT MNM **FL200** SOPRA MNM **FL245**
FANDO 2D **123.200**	278° [A420+] - DCT IDEKA - JERAM - LAMON - MATRA - ODESA - PRONA - FANDO	IDEKA MNM **1500** JERAM MNM **2500** LAMON MNM **5500** MATRA MNM **8500** ODESA MNM **10500** PRONA MNM **FL130**
FANDO 2E 5.0% **123.200**	278° [A420+] - DCT IDEKA - JERAM [R] - DCT MATRA - ODESA - PRONA - FANDO	IDEKA MNM **2500** JERAM MNM **5000** MATRA MNM **FL130** ODESA MNM **FL170** PRONA MNM **FL200**
LASEM 5D **123.200**	278° [A420+] - DCT IDEKA - JERAM - KANES - FUSAL - ROSED - LASEM - CUCUT - MADIN	IDEKA MNM **1500** JERAM MNM **2500** KANES MNM **5500** FUSAL MNM **9500** ROSED MNM **FL125** LASEM MNM **FL170**
LASEM 5E 5.0% **123.200**	278° [A420+] - DCT IDEKA - JERAM - KANES - FUSAL - ROSED - LASEM - CUCUT - MADIN	IDEKA MNM **2500** JERAM MNM **5000** KANES MNM **10000** FUSAL MNM **FL170** ROSED MNM **FL245**

RABOL 3K / RABOL 3L / RAMPY 2D / RAMPY 2E / SUMDI 1C / SUMDI 1D

RWY 28 (278°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 28	
RABOL 3K **123.200**	278° [A420+] - DCT IDEKA - JERAM - LAMON - MATRA - ODESA - RUGAT - SOPRA - TODAT - RABOL	IDEKA MNM **1500** JERAM MNM **2500** LAMON MNM **5500** MATRA MNM **8500** ODESA MNM **10500** RUGAT MNM **FL130** SOPRA MNM **FL150** TODAT at **FL170**
RABOL 3L 5.0% **123.200**	278° [A420+] - DCT IDEKA - JERAM [R] - DCT MATRA - ODESA - RUGAT - SOPRA - RABOL	IDEKA MNM **2500** JERAM MNM **5000** MATRA MNM **FL130** ODESA MNM **FL170** RUGAT MNM **FL200** SOPRA MNM **FL245**
RAMPY 2D **123.200**	278° [A420+] - DCT IDEKA - JERAM - LAMON - MATRA - NOBEL - RAMPY	IDEKA MNM **1500** JERAM MNM **2500** LAMON MNM **5500** MATRA MNM **8500** NOBEL at **FL140** RAMPY MNM **FL210**
RAMPY 2E 5.0% **123.200**	278° [A420+] - DCT IDEKA - JERAM [R] - DCT MATRA - NOBEL - RAMPY	IDEKA MNM **2500** JERAM MNM **5000** MATRA MNM **FL130** NOBEL at **FL200**
SUMDI 1C **123.200**	278° [A420+] - DCT IDEKA - JERAM - LAMON - MATRA - NOBEL - RAMPY - SUMDI	IDEKA MNM **1500** JERAM MNM **2500** LAMON MNM **5500** MATRA MNM **8500** NOBEL at **FL140** RAMPY MNM **FL210**
SUMDI 1D 5.0% **123.200**	278° [A420+] - DCT IDEKA - JERAM [R] - DCT MATRA - NOBEL - RAMPY - SUMDI	IDEKA MNM **2500** JERAM MNM **5000** MATRA MNM **FL130** NOBEL at **FL200**

09-MAR-2017

SUB-WARR

6-10

Indonesia **Surabaya** Juanda

RNAV STARs RWY 28

RNAV STARs RWY 10

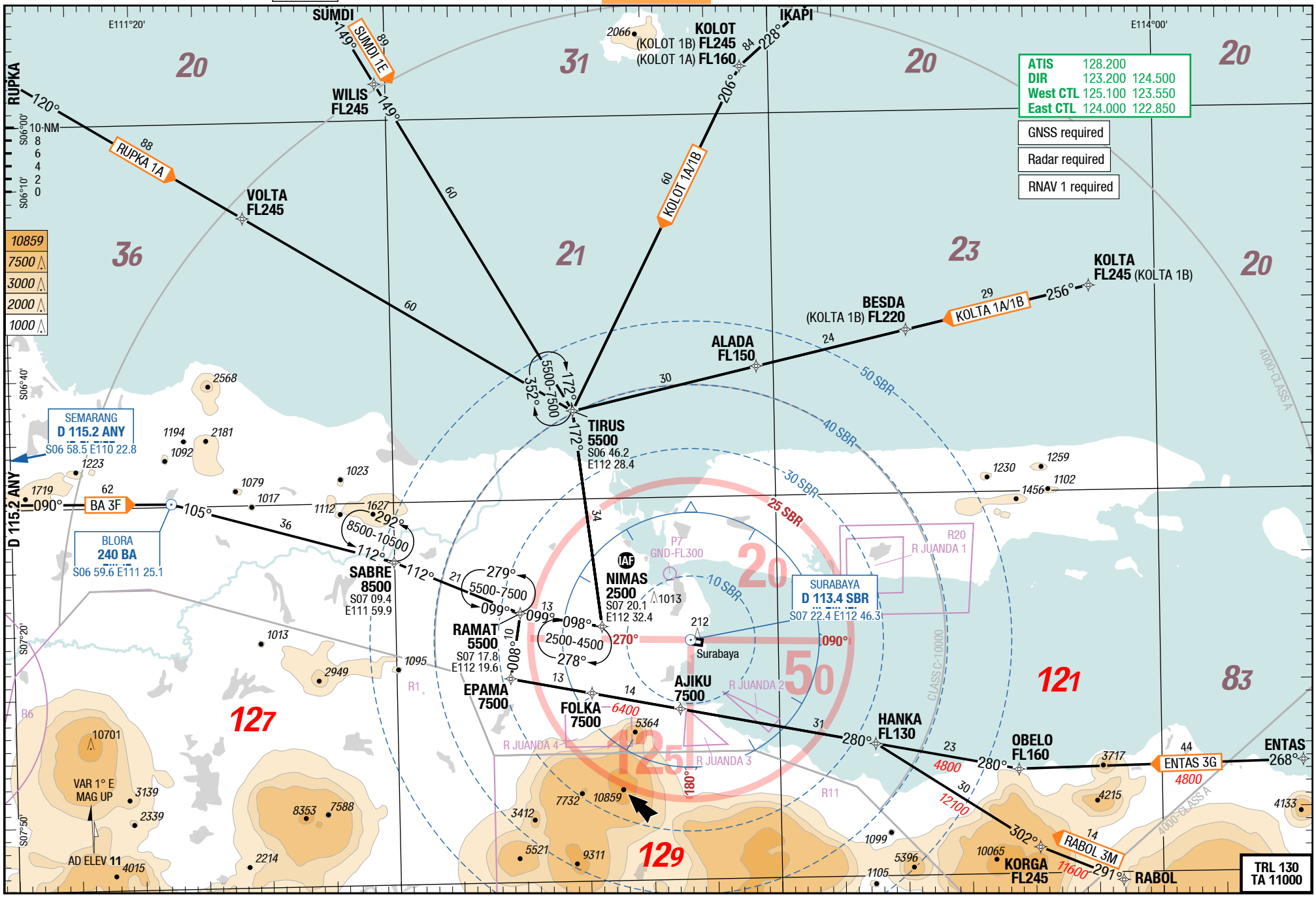
STAR

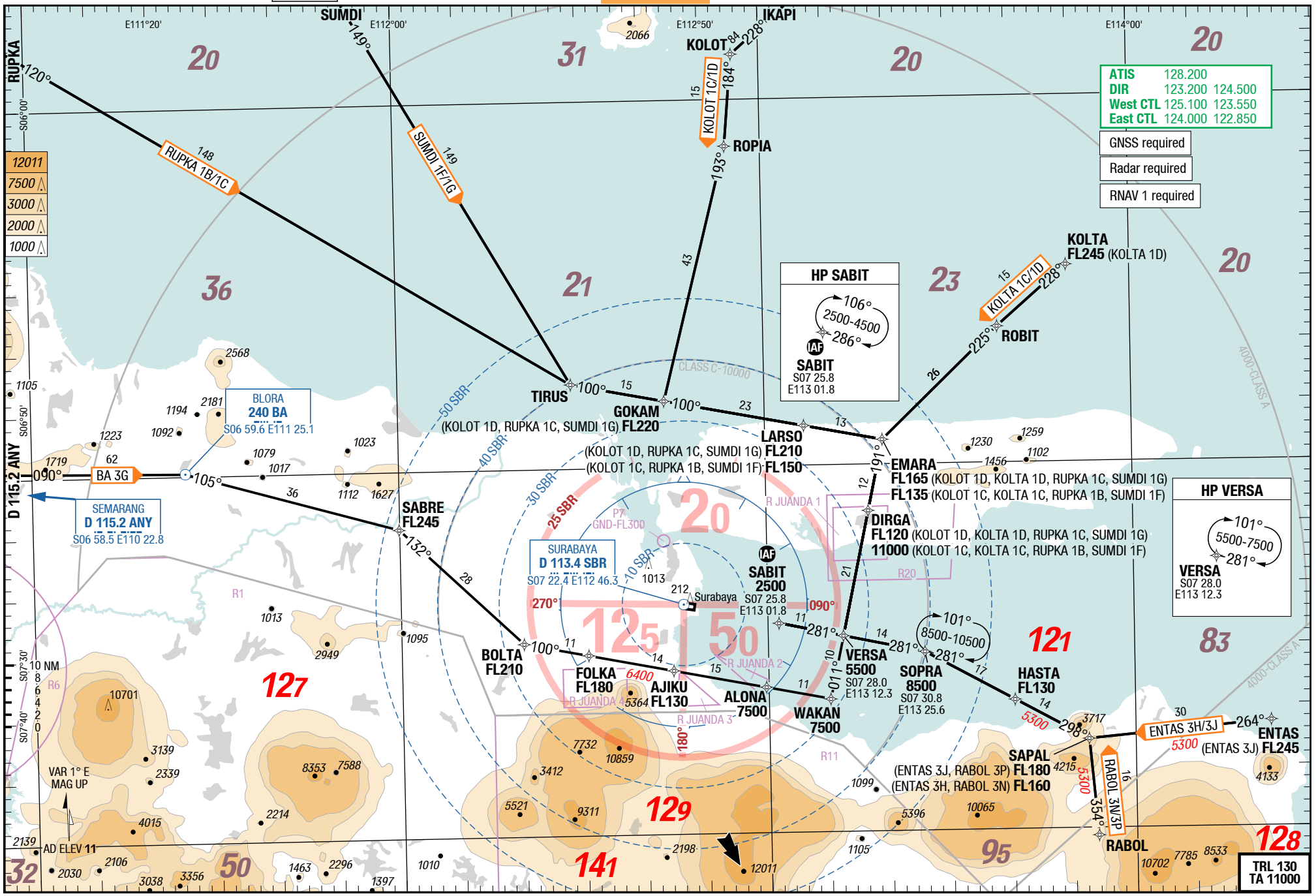
STAR

Juanda **Surabaya** Indonesia

RNAV STARs RWY 28

RNAV STARs RWY 10





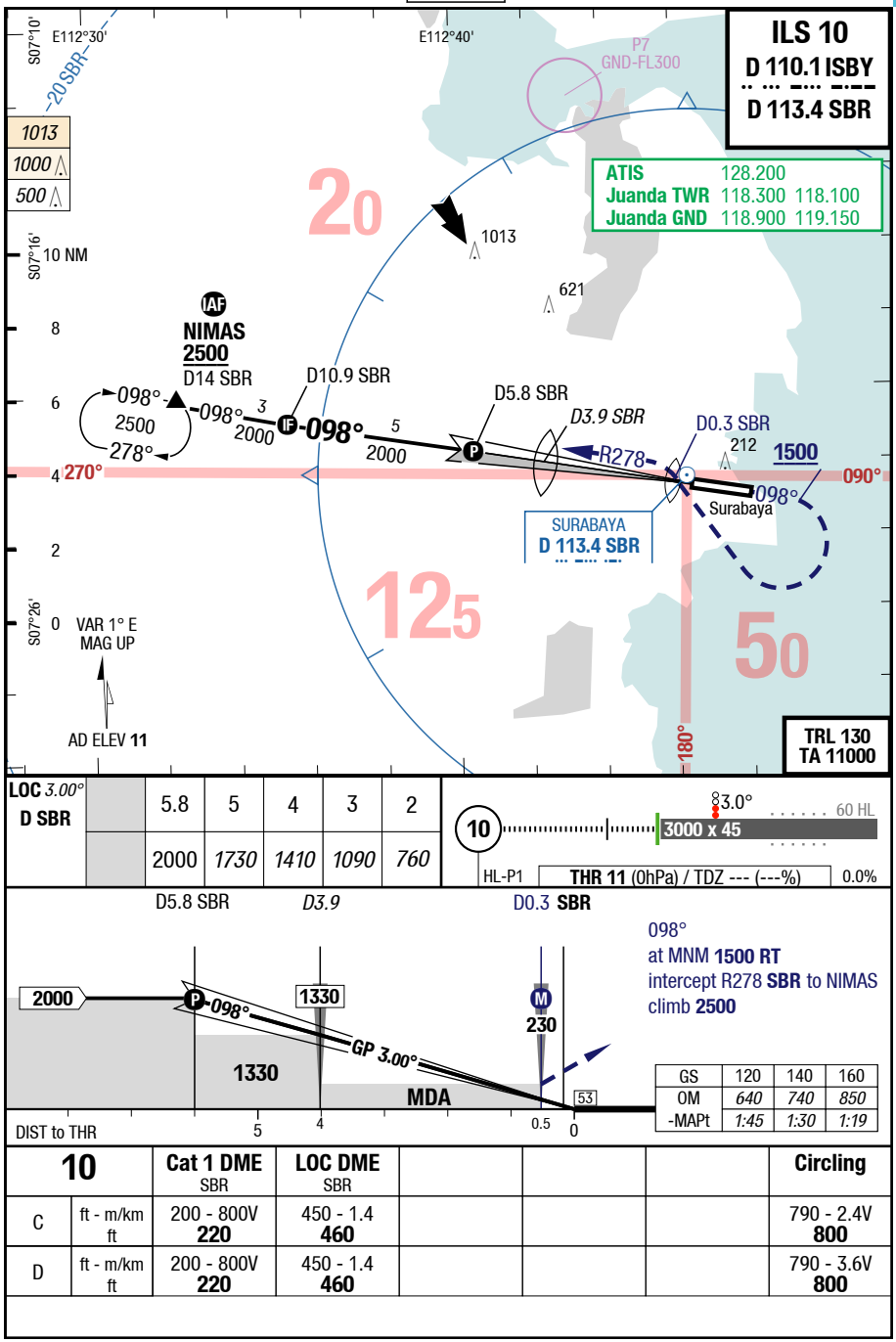
Changes: MGA, WPT

28-DEC-2017

SUB-WARR

7-10

ILS 10



LOC 3.00° D SBR	5.8	5	4	3	2
	2000	1730	1410	1090	760

10 — 3.0° — 60 HL — 3000 x 45

HL-P1 — **THR 11** (0hPa) / TDZ --- (---%) — 0.0%

D5.8 SBR *D3.9* D0.3 **SBR**

098°
at MNM **1500 RT**
intercept R278 **SBR** to NIMAS
climb **2500**

GS	120	140	160
OM	*640*	*740*	*850*
-MAPt	*1:45*	*1:30*	*1:19*

10		Cat 1 DME SBR	LOC DME SBR				Circling
C	ft - m/km ft	200 - 800V **220**	450 - 1.4 **460**				790 - 2.4V **800**
D	ft - m/km ft	200 - 800V **220**	450 - 1.4 **460**				790 - 3.6V **800**

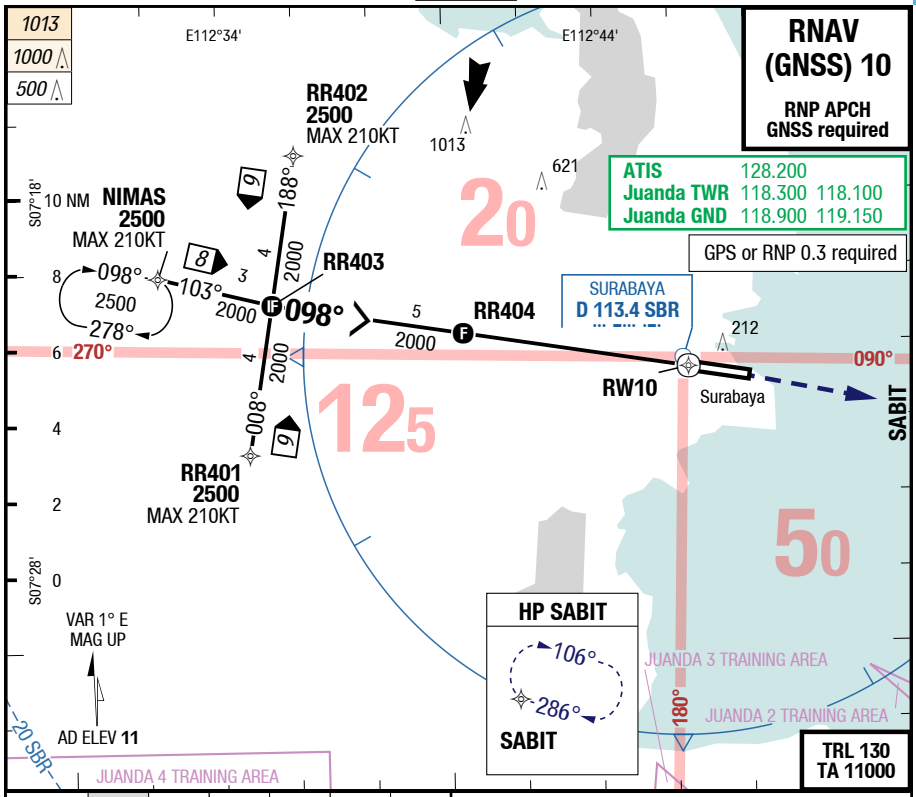
Changes: ALT, TDZE, QFU, OBST

28-DEC-2017

SUB-WARR

7-30

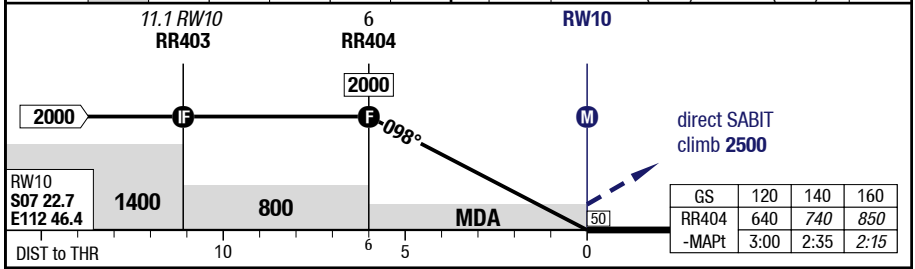
RNAV (GNSS) 10



3.00° RW10	6	5	4	3	2
	2000	1680	1360	1030	710

10 — 3.0° — 60 HL — 3000 x 45

HL-P1 — **THR 11** (0hPa) / TDZ --- (---%) — 0.0%

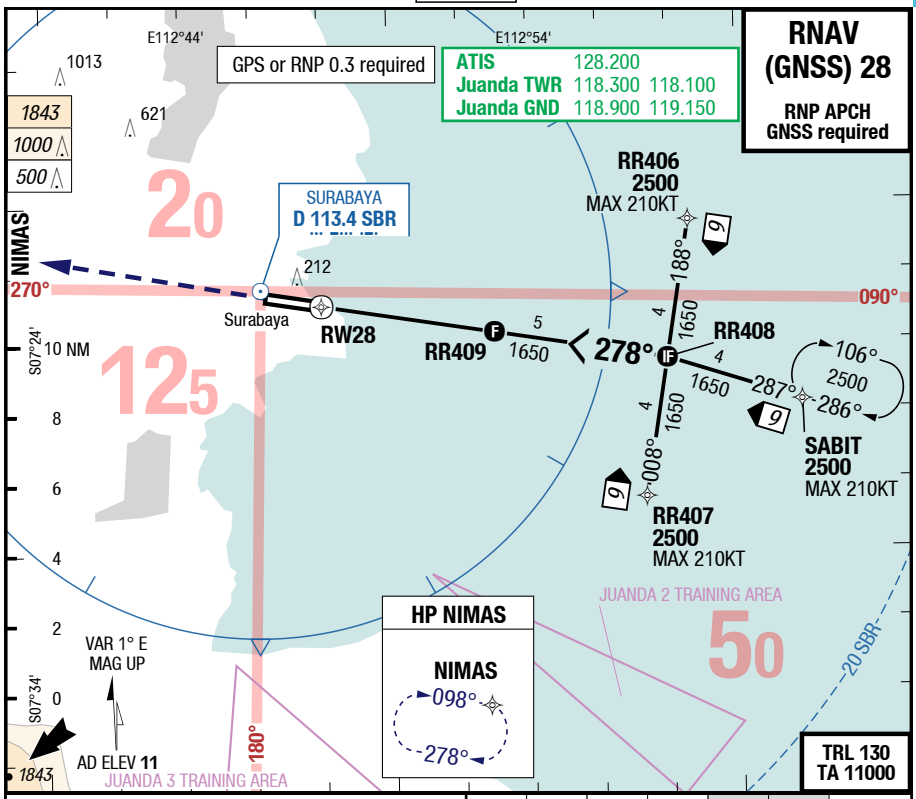


GS	120	140	160
RR404	640	*740*	*850*
-MAPt	3:00	2:35	*2:15*

10		RNAV GNSS VNAV 1)	RNAV GNSS LNAV				Circling
C	ft - m/km ft	360 - 2.0V **370** 2)	450 - 2.0V **460**				790 - 3.6V **800**
D	ft - m/km ft	360 - 2.4V **370** 3)	450 - 2.4V **460**				790 - 4.0V **800**

1) Uncompensated BARO VNAV NA below 15°C (59°F)
2) With EVS VIS 1.3km, wo EVS use STD
3) With EVS VIS 1.6km, wo EVS use STD

Changes: chart layout, TDZE, SUAs, HDG, QFU, OBST



28		RNAV GNSS VNAV 1)	RNAV GNSS LNAV				Circling
C	ft - m/km ft	290 - 1.6V **290** 2)	460 - 2.0V **460**				790 - 3.6V **800**
D	ft - m/km ft	290 - 2.0V **290** 3)	460 - 2.4V **460**				790 - 4.0V **800**

1) Uncompensated BARO VNAV NA below 15°C (59°F)
2) With EVS VIS 1.1km, wo EVS use STD
3) With EVS VIS 1.3km, wo EVS use STD

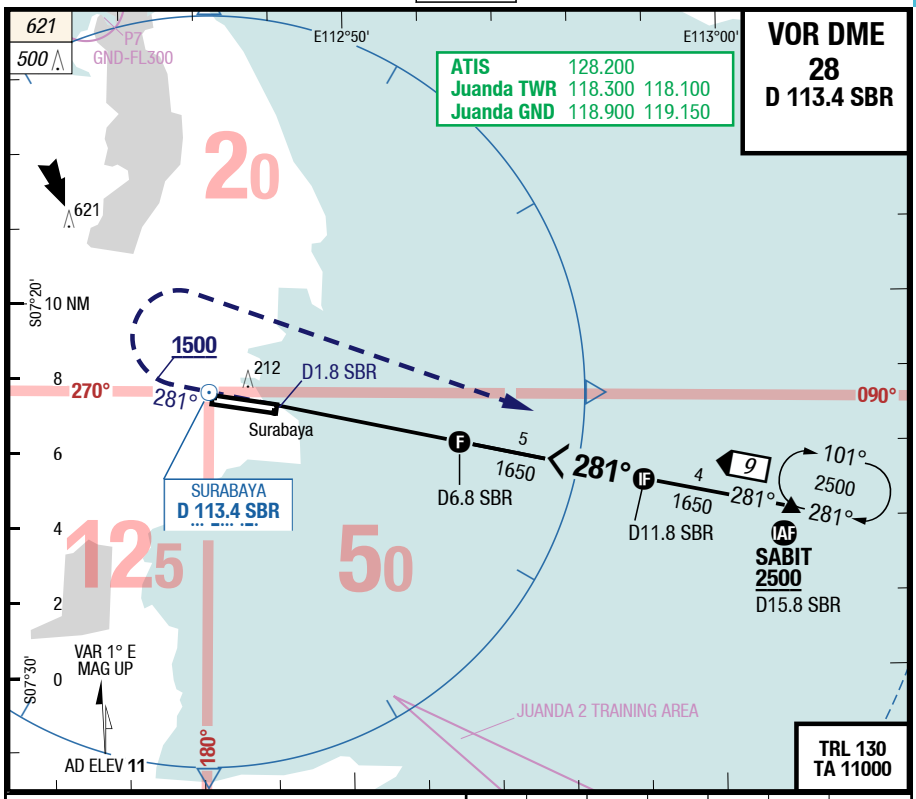
Changes: APL, HLDG, OBST, SUAs, QFU, Editorial

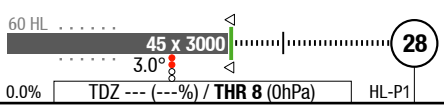
28-DEC-2017

SUB-WARR

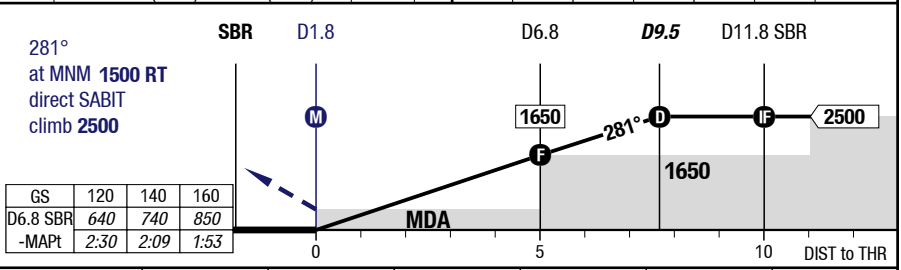
7-50

VOR DME 28





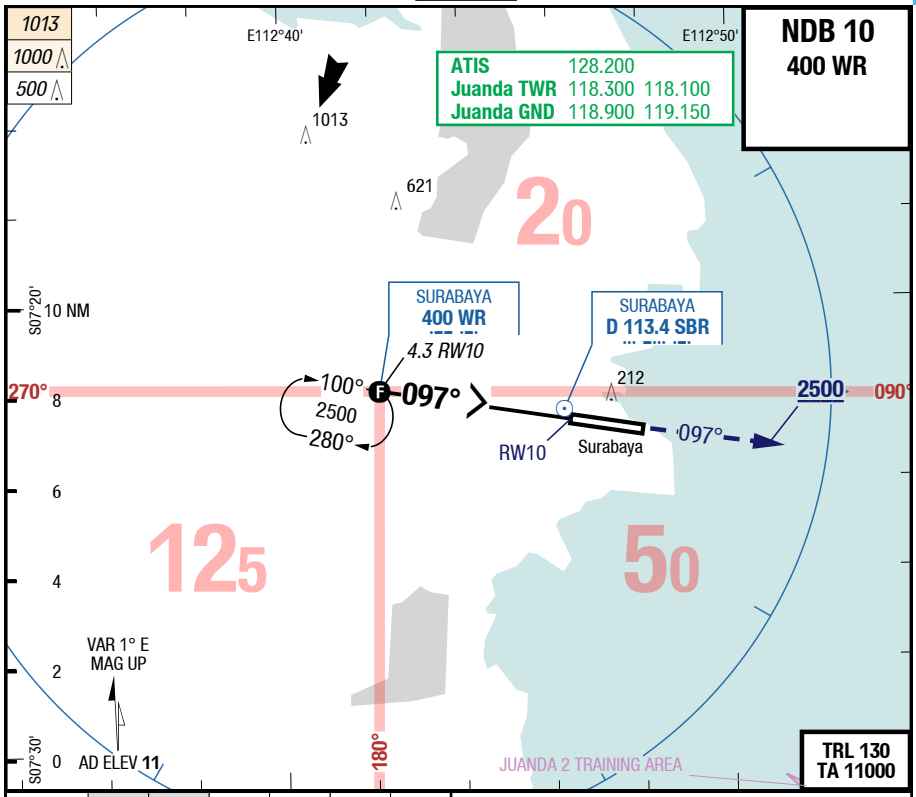
4	5	6	7	8	9.5	3.00° D SBR 281° RWY 278°
760	1080	1400	1720	2040	2500	



GS	120	140	160
D6.8 SBR	640	740	850
-MAPt	2:30	2:09	1:53

28		VOR DME					Circling
C	ft - m/km ft	460 - 2.0V **460**					790 - 4.0V **800**
D	ft - m/km ft	460 - 2.4V **460**					790 - 5.0V **800**

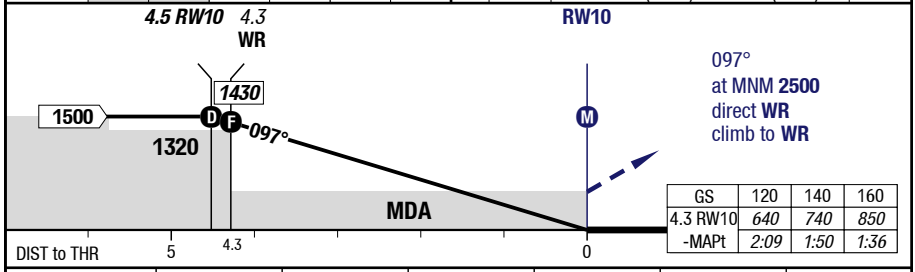
Changes: ALT, APL, OBST, SUAs, QFU



3.00° RW10 097° RWY 098°			4.5	4	3	2
			1500	1340	1020	700

10 — 3.0° — 3000 x 45 — 60 HL

HL-P1 — **THR 11** (0hPa) / TDZ --- (---%) — 0.0%



10		NDB					Circling
C	ft - m/km ft	500 - 1.5 **510**					600 - 2.4V **620**
D	ft - m/km ft	500 - 1.5 **510**					700 - 3.6V **720**

Changes: ALT, TDZE, QFU, OBST, SUAs

25-FEB-2016

SUB-WARR

8-10

Indonesia **Surabaya** Juanda

NIL

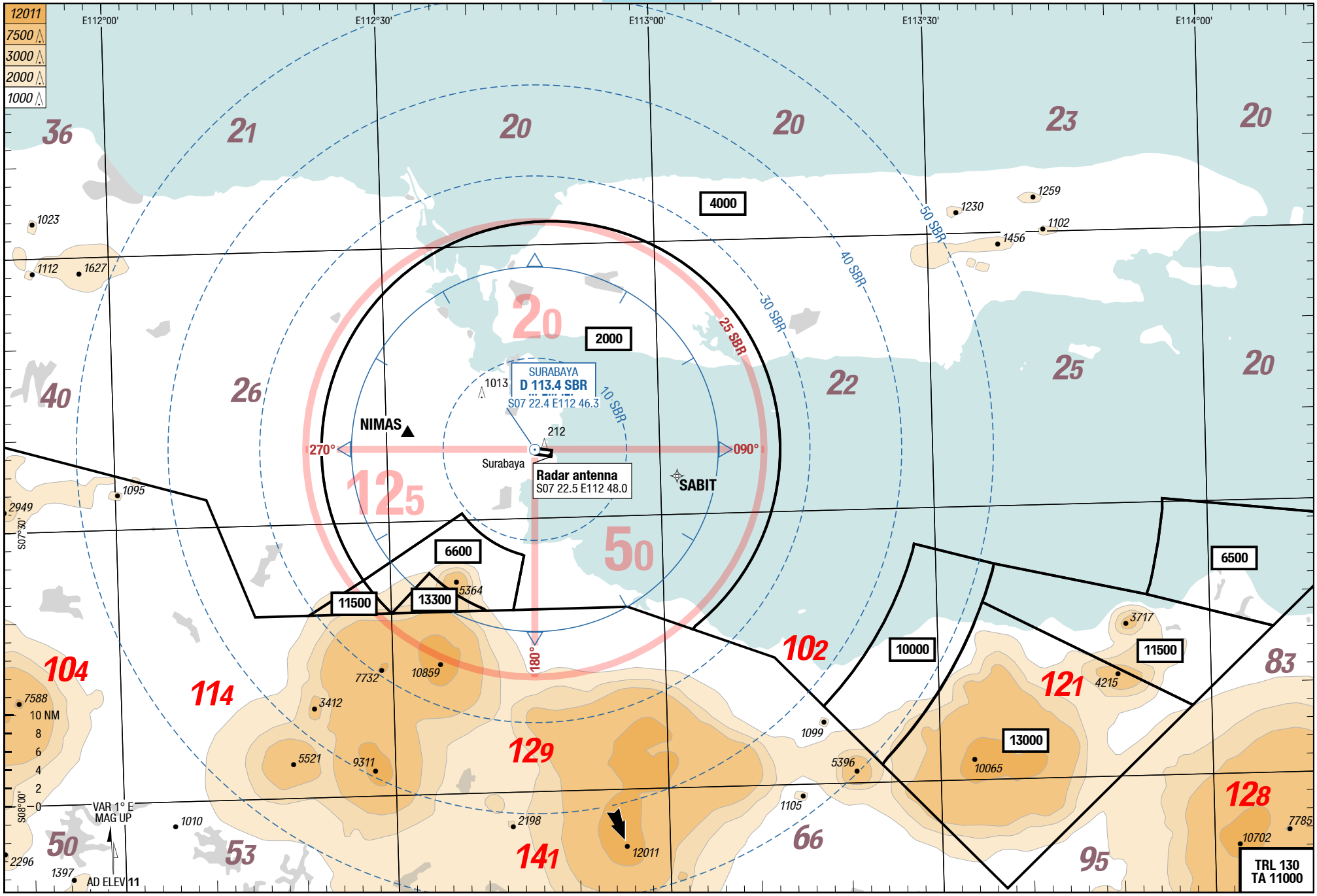
MRC

MRC MRC

Juanda **Surabaya** Indonesia

NIL

MRC



Changes: Navaid , VAR