

**GENERAL****Operational Hours****ATS Hours / AD OPS Hours:** 2200-1400**AD Operator Hours:** MON-FRI 0000-0900, SAT, SUN and HOL O/R**Airport Information****RFF:** CAT 8**Fuel:** O/R**PCN:** RWY 01/19: 48/R/B/W/U**Customs:** 2200-1000 O/R**ARRIVAL****Communication****COM Failure:** See CRAR.**DEPARTURE****Take-off Minima**

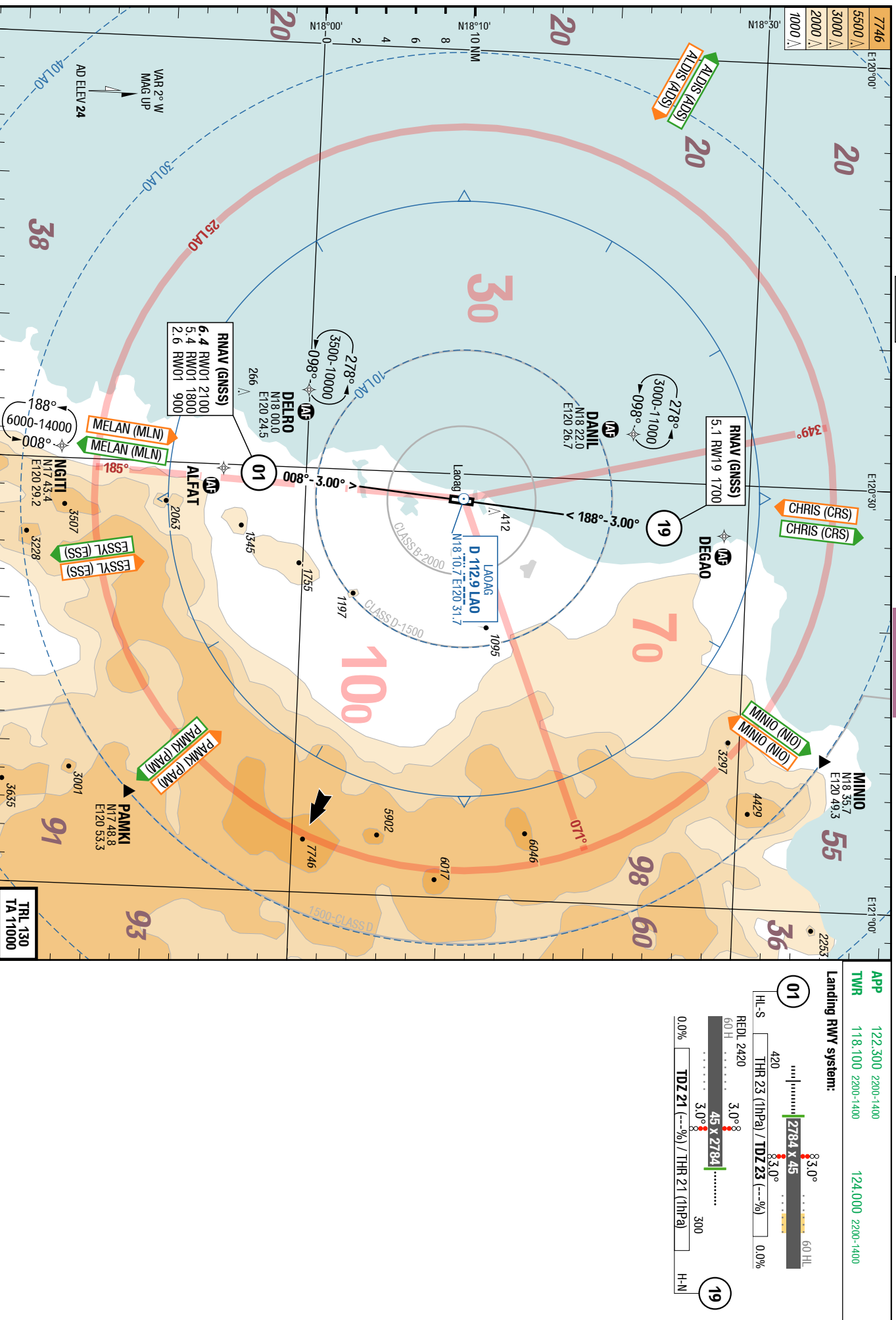
RWY		01/19	
All ACFT	ft - m/km	0 - 400V	-

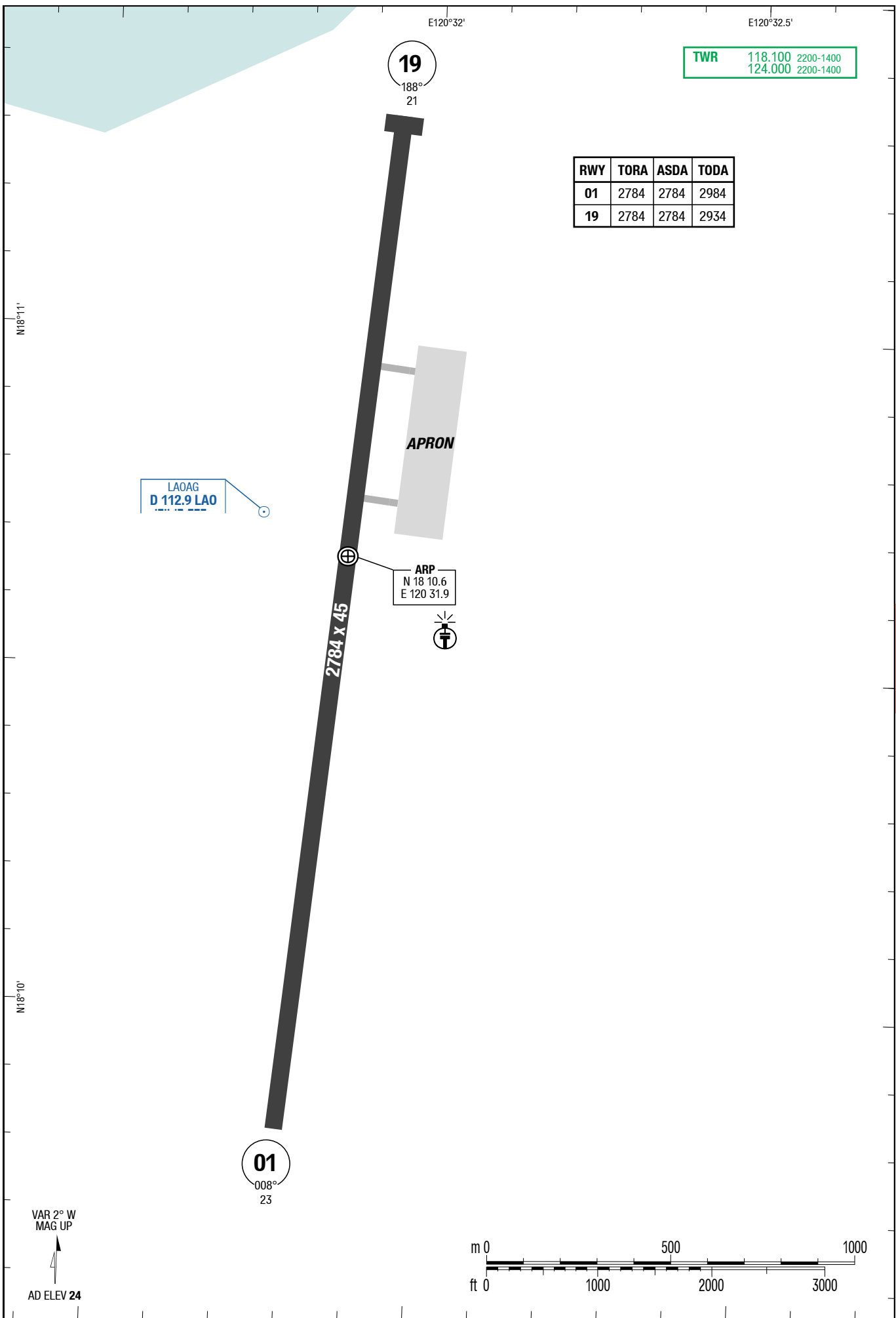
**Communication****COM Failure:** See CRAR.

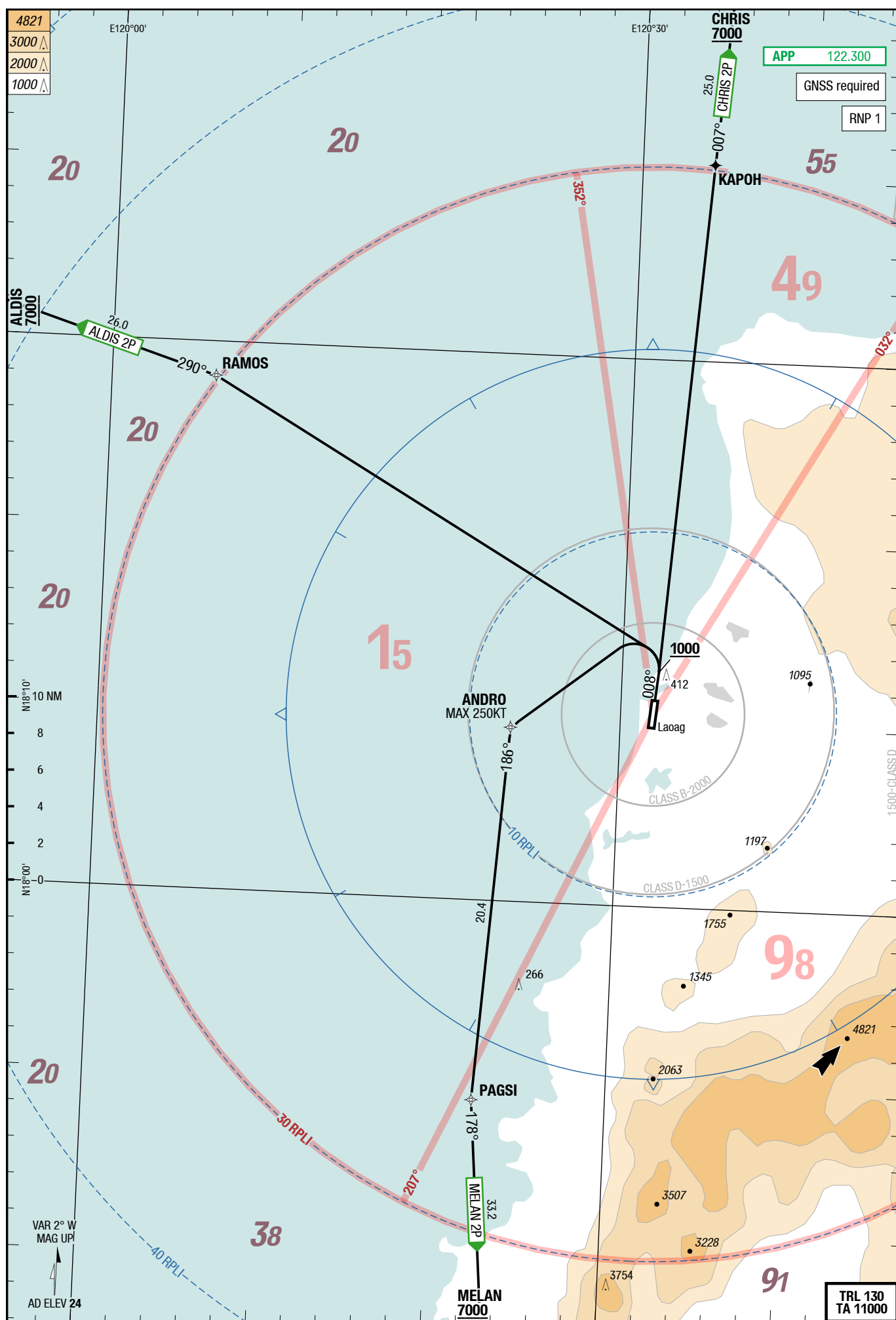
Laoad Intl Laoad Philippines

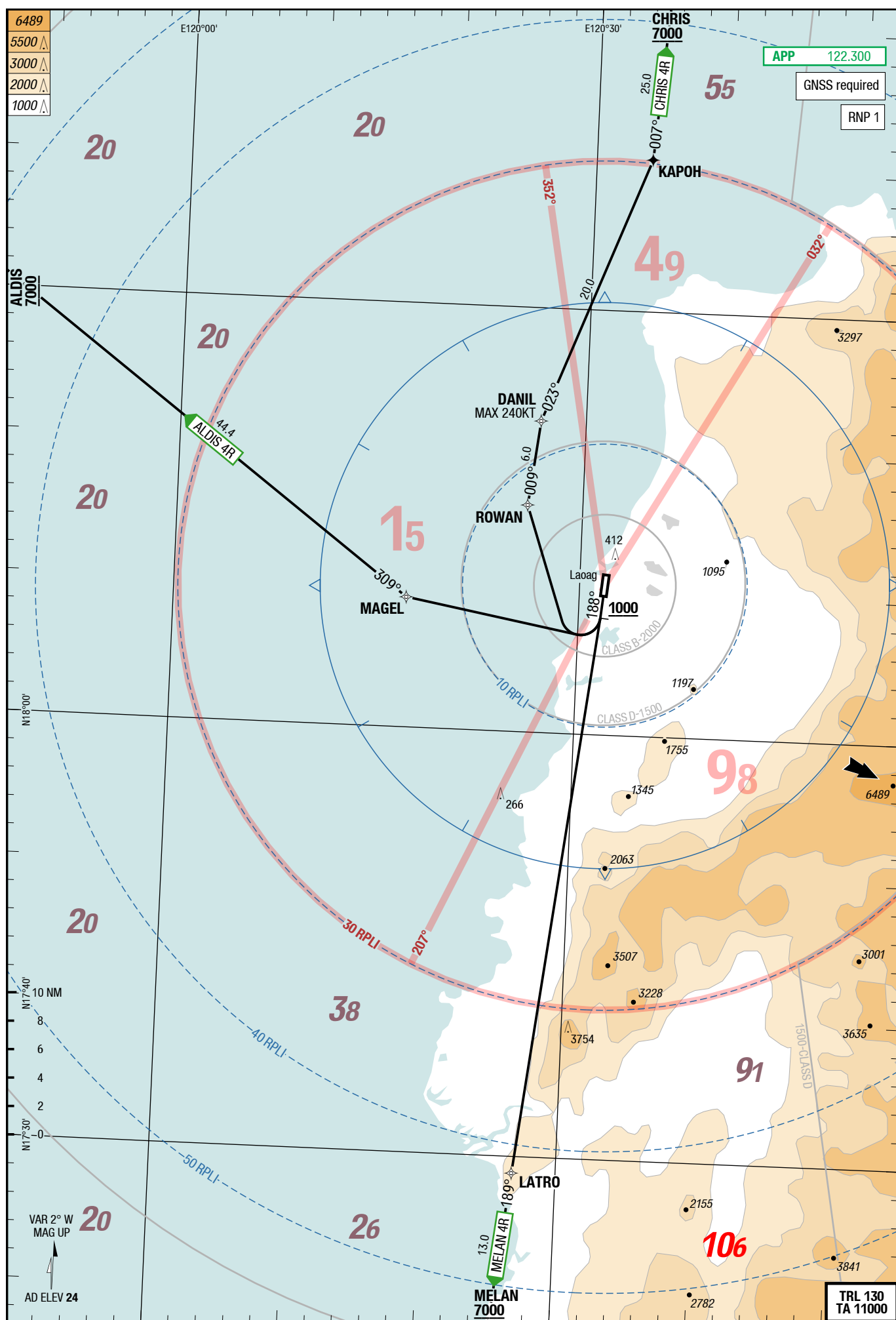
**Laag** Inti **Laag** Philippines

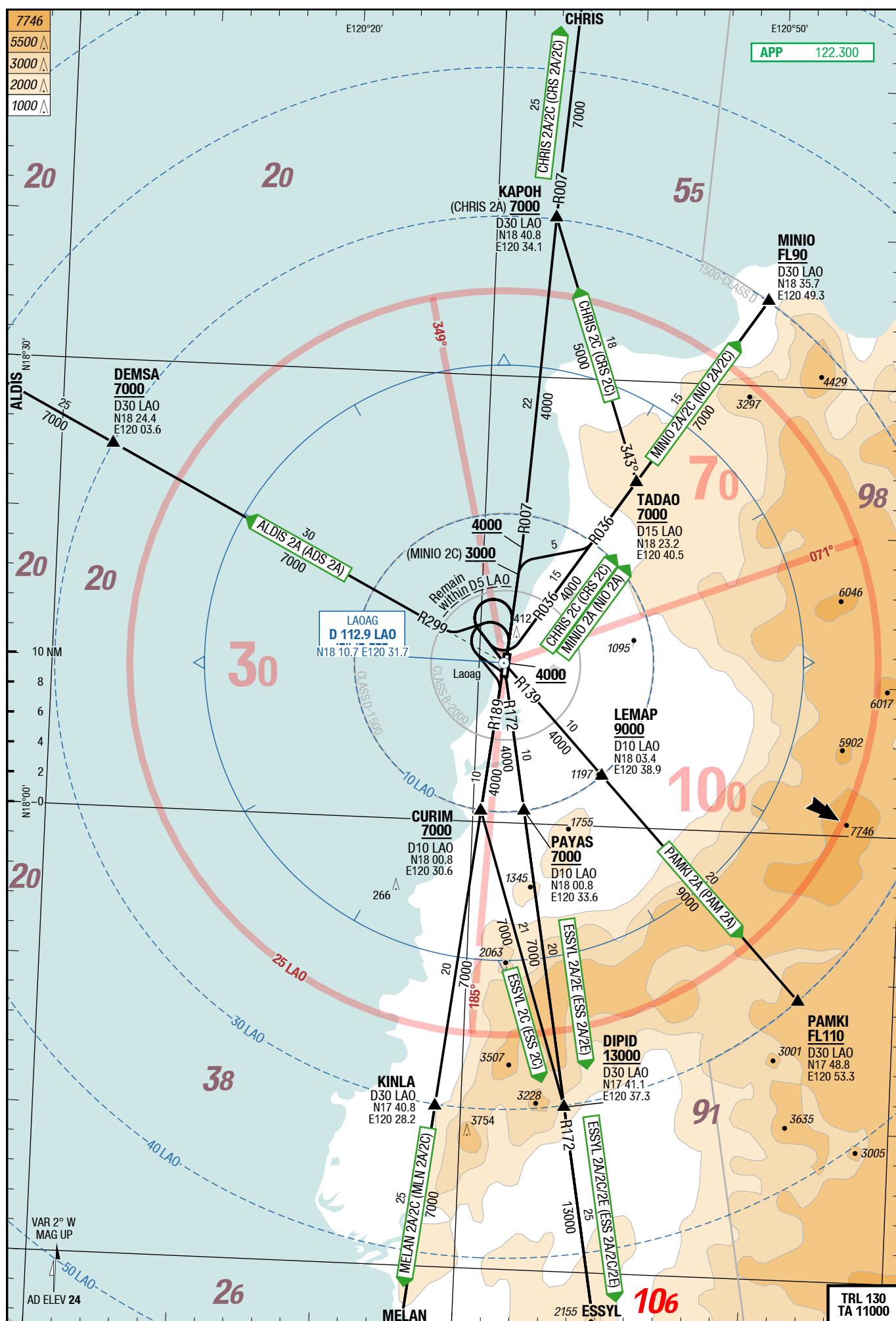
# AFC

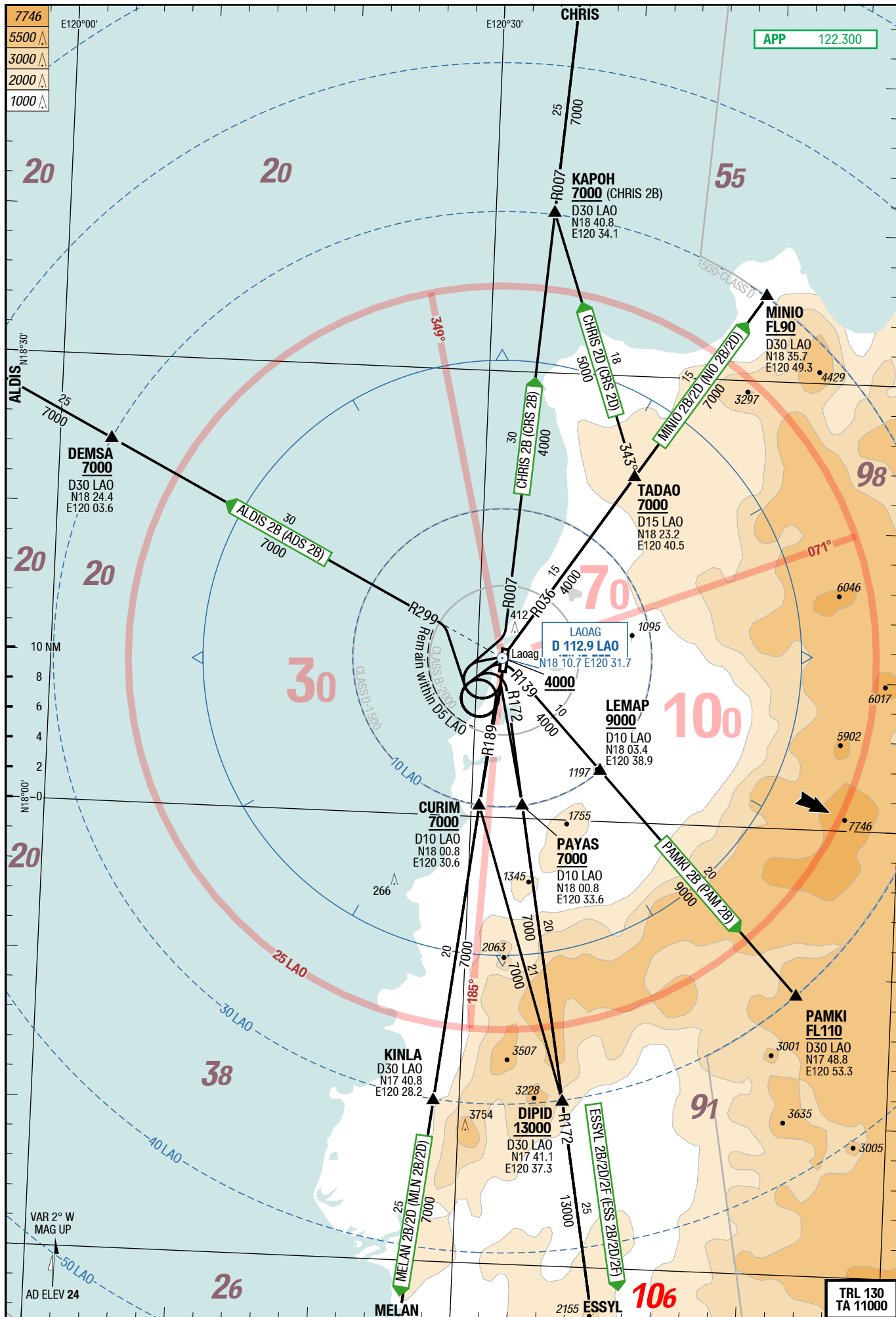












## LAO-RPLI

5-10

## RNAV SIDs RWY 01

## ALDIS 2P / CHRIS 2P / MELAN 2P

RWY 01 (008°)

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000
3.9%	ft/MIN	500	600	800	900	1000	1100
4.9%	ft/MIN	600	800	900	1100	1200	1400

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 01</b>	
<b>ALDIS 2P</b> 4.9% to 500 3.6% to ALDIS <b>122.300</b> ①②	008° [A1000+ ;L] - DCT RAMOS - ALDIS	ALDIS MNM <b>7000</b>
<b>CHRIS 2P</b> 4.9% to 500 3.9% to CHRIS <b>122.300</b> ①③	008° [A1000+ ;L] - DCT KAPOH - CHRIS	CHRIS MNM <b>7000</b>
<b>MELAN 2P</b> 4.9% to 500 <b>122.300</b> ①	008° [A1000+ ;L] - DCT ANDRO [K250-] - PAGSI - MELAN	MELAN MNM <b>7000</b>

① Caution: Close-in obstacles exist.

② ATS climb gradient of 3.6% to reach ALDIS at or above MEA.

③ ATS climb gradient of 3.9% to reach CHRIS at or above MEA.



**LAO-RPLI**

5-20

**RNAV SIDs RWY 19****ALDIS 4R / CHRIS 4R / MELAN 4R**

RWY 19 (188°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 19</b>	
<b>ALDIS 4R</b> <b>122.300</b> ①	[A1000+ ;R] - MAGEL - ALDIS	ALDIS MNM <b>7000</b>
<b>CHRIS 4R</b> <b>122.300</b> ①	[A1000+ ;R] - ROWAN - DANIL [K240-] - KAPOH - CHRIS	CHRIS MNM <b>7000</b>
<b>MELAN 4R</b> <b>122.300</b> ①	[A1000+ ;R] - LATRO - MELAN	MELAN MNM <b>7000</b>

① Caution: Close-in obstacles exist.

**ALDIS 2A / CHRIS 2A / CHRIS 2C / ESSYL 2A / ESSYL 2C / ESSYL 2E / MELAN 2A / MELAN 2C / MINIO 2A**

RWY 01 (008°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 01</b>	
<b>ALDIS 2A</b> <b>ADS 2A</b> <b>122.300</b> ①	LT (within D5 LAO) intercept R299 LAO to DEMSA - ALDIS	DEMSA MNM 7000
<b>CHRIS 2A</b> <b>CRS 2A</b> <b>122.300</b> ①	at MNM 4000 intercept R007 LAO to KAPOH - CHRIS	KAPOH MNM 7000
<b>CHRIS 2C</b> <b>CRS 2C</b> <b>122.300</b> ①	LT (within D5 LAO) direct LAO - R036 LAO to TADAO - LT intercept R007 LAO to KAPOH - CHRIS	LAO MNM 4000 TADAO MNM 7000
<b>ESSYL 2A</b> <b>ESS 2A</b> <b>122.300</b> ①	LT (within D5 LAO) direct LAO - R172 LAO to PAYAS - DIPID - ESSYL	LAO MNM 4000 PAYAS MNM 7000 DIPID MNM 13000
<b>ESSYL 2C</b> <b>ESS 2C</b> <b>122.300</b> ①	LT (within D5 LAO) direct LAO - R189 LAO to CURIM - LT intercept R172 LAO to DIPID - ESSYL	LAO MNM 4000 CURIM MNM 7000 DIPID MNM 13000
<b>ESSYL 2E</b> <b>ESS 2E</b> <b>122.300</b> ①②	LT (within D5 LAO) intercept R172 LAO to PAYAS - DIPID - ESSYL	PAYAS MNM 7000 DIPID MNM 13000
<b>MELAN 2A</b> <b>MLN 2A</b> <b>122.300</b> ①	LT (within D5 LAO) direct LAO - R189 LAO to CURIM - KINLA - MELAN	LAO MNM 4000 CURIM MNM 7000
<b>MELAN 2C</b> <b>MLN 2C</b> <b>122.300</b> ①②	LT (within D5 LAO) intercept R189 LAO to CURIM - KINLA - MELAN	CURIM MNM 7000
<b>MINIO 2A</b> <b>NIO 2A</b> <b>122.300</b> ①	LT (within D5 LAO) direct LAO - R036 LAO to TADAO - MINIO	LAO MNM 4000 TADAO MNM 7000 MINIO MNM FL90

① When weather is VMC, climb on course during daytime may be authorized by ATC depending on traffic condition.

② For high performance aircraft.

**MINIO 2C / PAMKI 2A**

RWY 01 (008°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 01	
<b>MINIO 2C</b> <b>NIO 2C</b> <b>122.300</b> ①②	at MNM <b>3000 RT</b> intercept R036 <b>LAO</b> to TADAO - MINIO	TADAO MNM <b>7000</b> MINIO MNM <b>FL90</b>
<b>PAMKI 2A</b> <b>PAM 2A</b> <b>122.300</b> ①	LT (within D5 <b>LAO</b> ) direct <b>LAO</b> - R139 <b>LAO</b> to LEMAP - PAMKI	<b>LAO</b> MNM <b>4000</b> LEMAP MNM <b>9000</b> PAMKI MNM <b>FL110</b>

① When weather is VMC, climb on course during daytime may be authorized by ATC depending on traffic condition.

② For high performance aircraft.

**ALDIS 2B / CHRIS 2B / CHRIS 2D / ESSYL 2B / ESSYL 2D / ESSYL 2F / MELAN 2B / MELAN 2D / MINIO 2B**

RWY 19 (188°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 19</b>	
<b>ALDIS 2B</b> <b>ADS 2B</b> <b>122.300</b> ①	<b>RT (within D5 LAO) intercept R299 LAO to DEMSA - ALDIS</b>	<b>DEMSA MNM 7000</b>
<b>CHRIS 2B</b> <b>CRS 2B</b> <b>122.300</b> ①	<b>RT (within D5 LAO) intercept R007 LAO to KAPOH - CHRIS</b>	<b>KAPOH MNM 7000</b>
<b>CHRIS 2D</b> <b>CRS 2D</b> <b>122.300</b> ①	<b>RT (within D5 LAO) direct LAO - R036 LAO to TADAO - LT intercept R007 LAO to KAPOH - CHRIS</b>	<b>LAO MNM 4000</b> <b>TADAO MNM 7000</b>
<b>ESSYL 2B</b> <b>ESS 2B</b> <b>122.300</b> ①	<b>RT (within D5 LAO) direct LAO - R172 LAO to PAYAS - DIPID - ESSYL</b>	<b>LAO MNM 4000</b> <b>PAYAS MNM 7000</b> <b>DIPID MNM 13000</b>
<b>ESSYL 2D</b> <b>ESS 2D</b> <b>122.300</b> ①	<b>RT (within D5 LAO) direct LAO - R189 LAO to CURIM - LT intercept R172 LAO to DIPID - ESSYL</b>	<b>LAO MNM 4000</b> <b>CURIM MNM 7000</b> <b>DIPID MNM 13000</b>
<b>ESSYL 2F</b> <b>ESS 2F</b> <b>122.300</b> ①②	<b>LT (within D5 LAO) intercept R172 LAO to PAYAS - DIPID - ESSYL</b>	<b>PAYAS MNM 7000</b> <b>DIPID MNM 13000</b>
<b>MELAN 2B</b> <b>MLN 2B</b> <b>122.300</b> ①	<b>RT (within D5 LAO) direct LAO - R189 LAO to CURIM - KINLA - MELAN</b>	<b>LAO MNM 4000</b> <b>CURIM MNM 7000</b>
<b>MELAN 2D</b> <b>MLN 2D</b> <b>122.300</b> ①②	<b>R189 LAO to CURIM - KINLA - MELAN</b>	<b>CURIM MNM 7000</b>
<b>MINIO 2B</b> <b>NIO 2B</b> <b>122.300</b> ①	<b>RT (within D5 LAO) direct LAO - R036 LAO to TADAO - MINIO</b>	<b>LAO MNM 4000</b> <b>TADAO MNM 7000</b> <b>MINIO MNM FL90</b>

① When weather is VMC, climb on course during daytime may be authorized by ATC depending on traffic condition.

② For high performance aircraft.

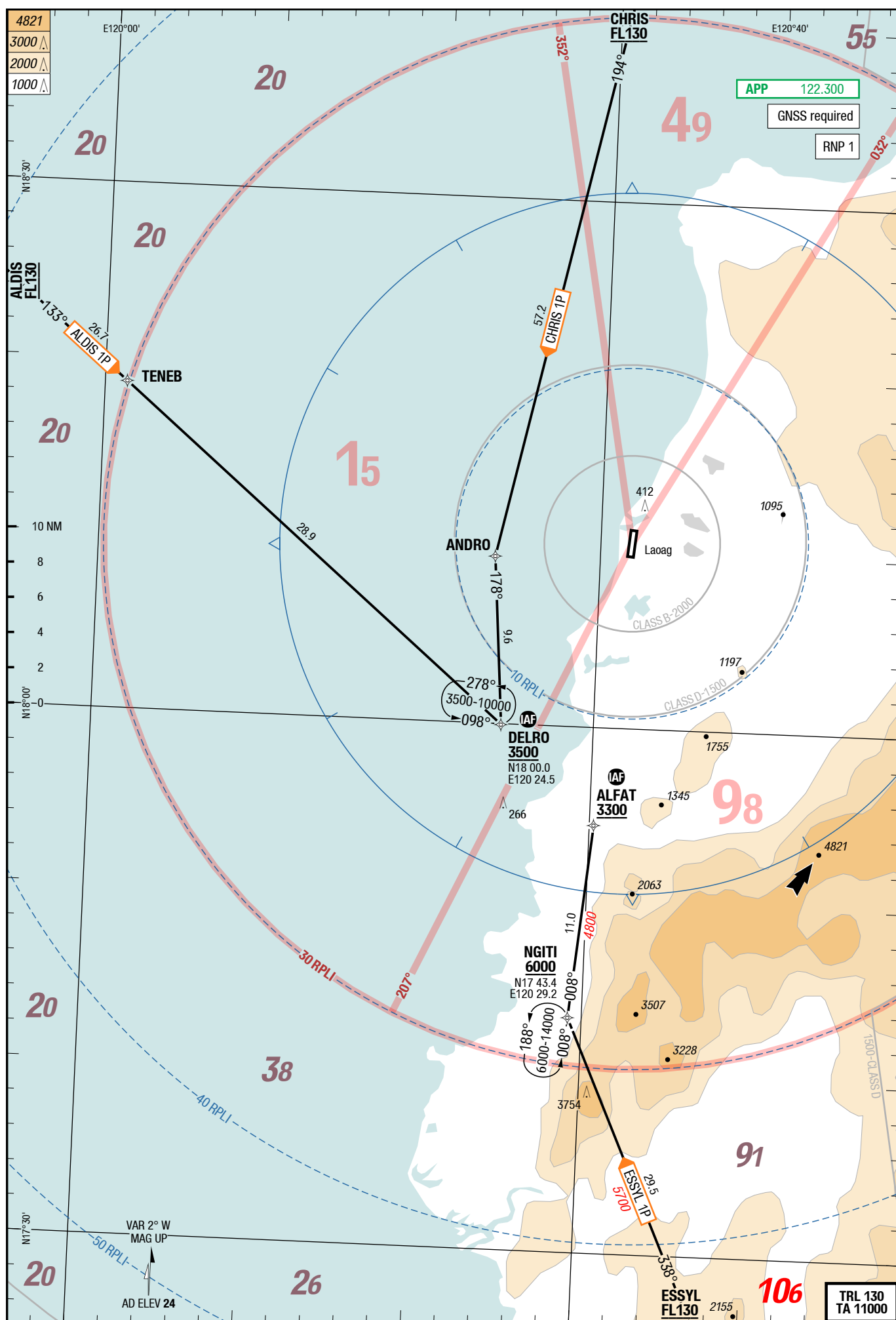
**MINIO 2D / PAMKI 2B**

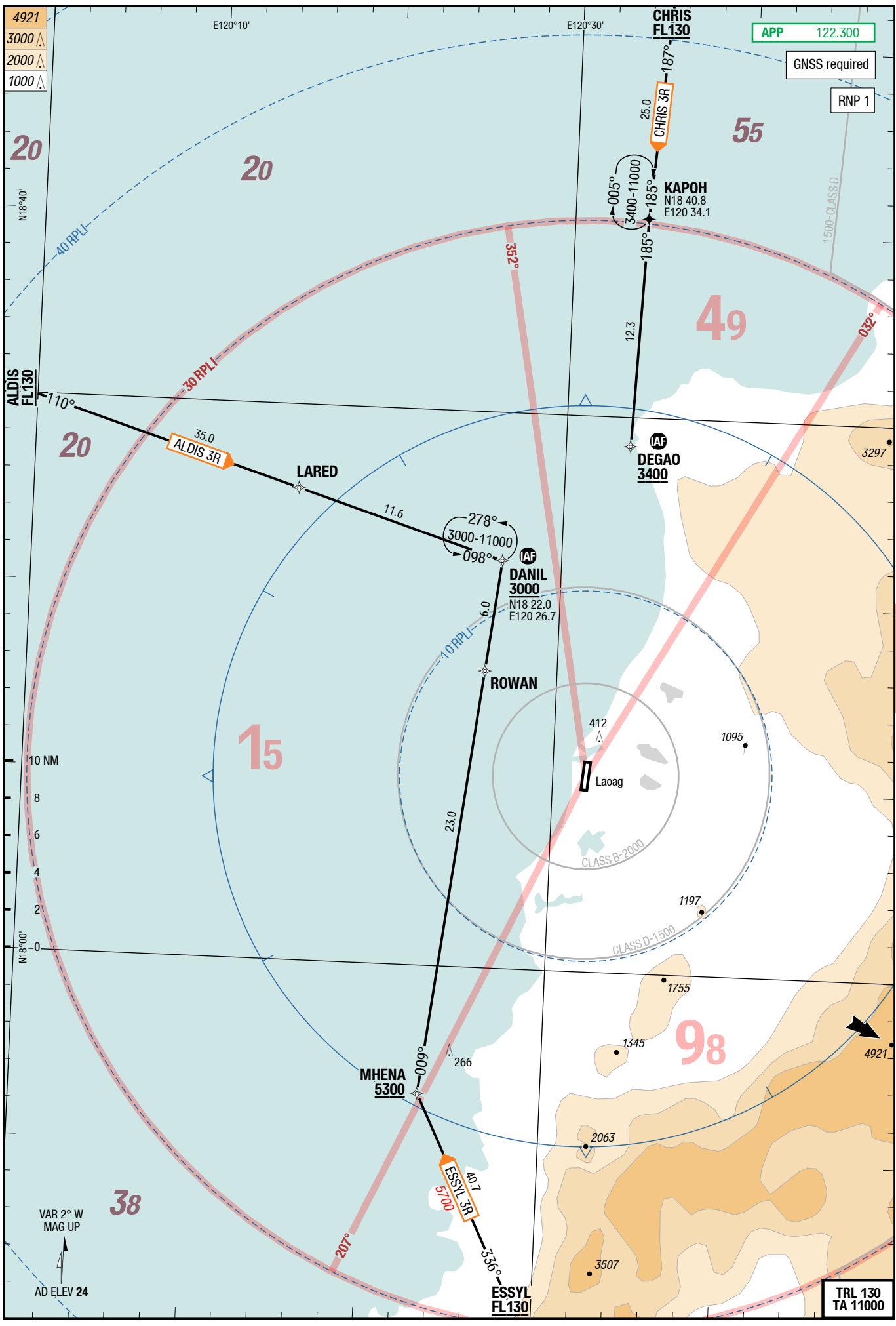
RWY 19 (188°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 19	
<b>MINIO 2D</b> <b>NIO 2D</b> <b>122.300</b> ①②	RT (within D5 LAO) intercept R036 LAO to TADAO - MINIO	TADAO MNM 7000 MINIO MNM FL90
<b>PAMKI 2B</b> <b>PAM 2B</b> <b>122.300</b> ①	RT (within D5 LAO) direct LAO - R139 LAO to LEMAP - PAMKI	LAO MNM 4000 LEMAP MNM 9000 PAMKI MNM FL110

① When weather is VMC, climb on course during daytime may be authorized by ATC depending on traffic condition.

② For high performance aircraft.





22-MAR-2018

## LAO-RPLI

Philippines **Laoag** Laoag Intl

NIL

## STARs RWYs 01/19

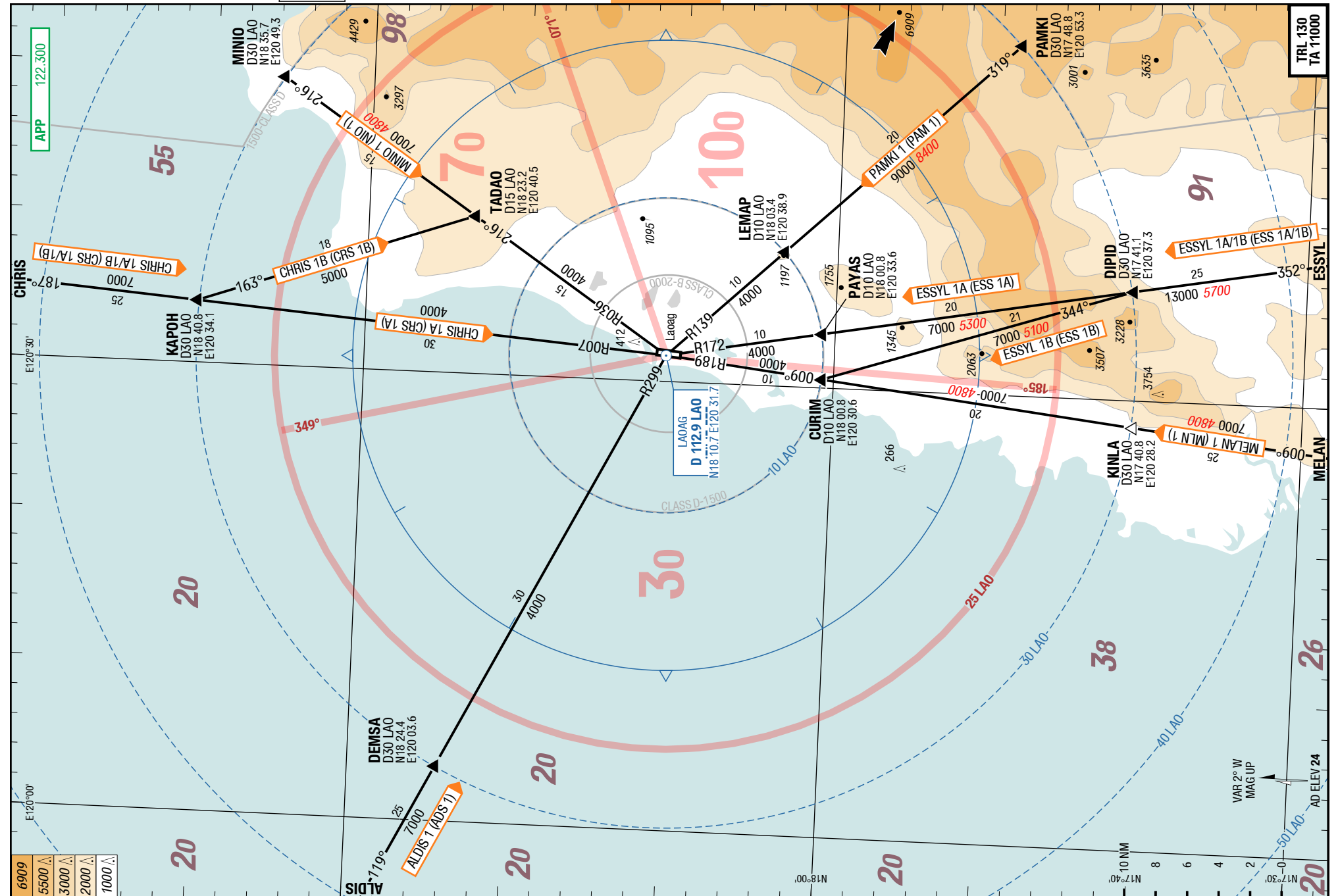
# STAR

# STAR

Laoag Intl **Laoag** Philippines

NIL

## STARs RWYs 01/19



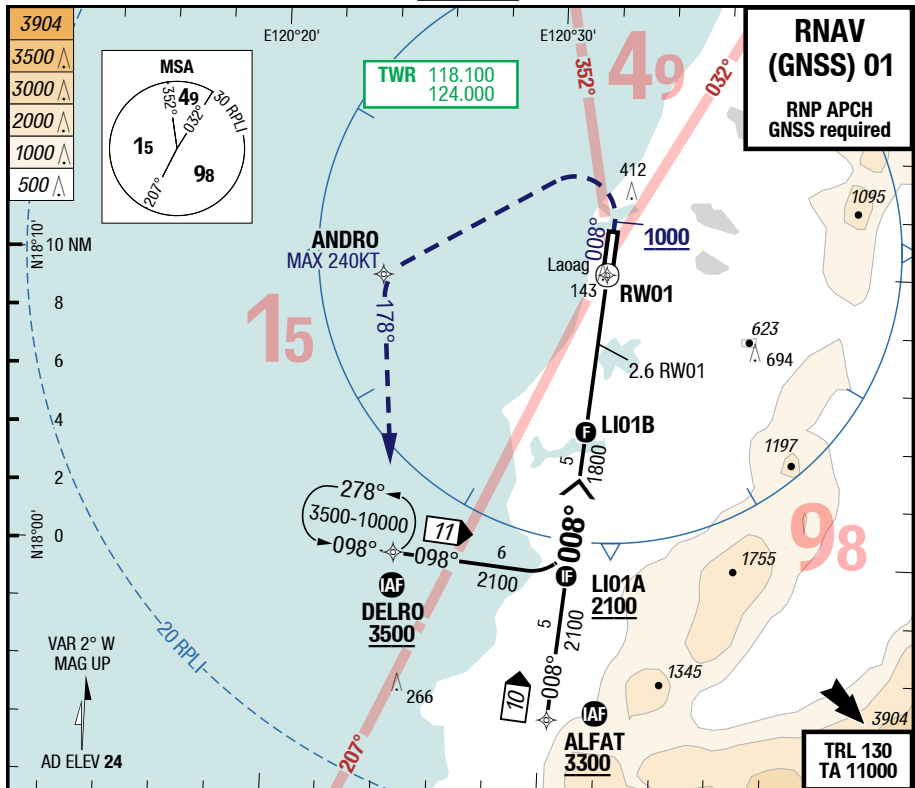
Changes: ASP, MTCA, OBST



## LAO-RPLI

**7-10**

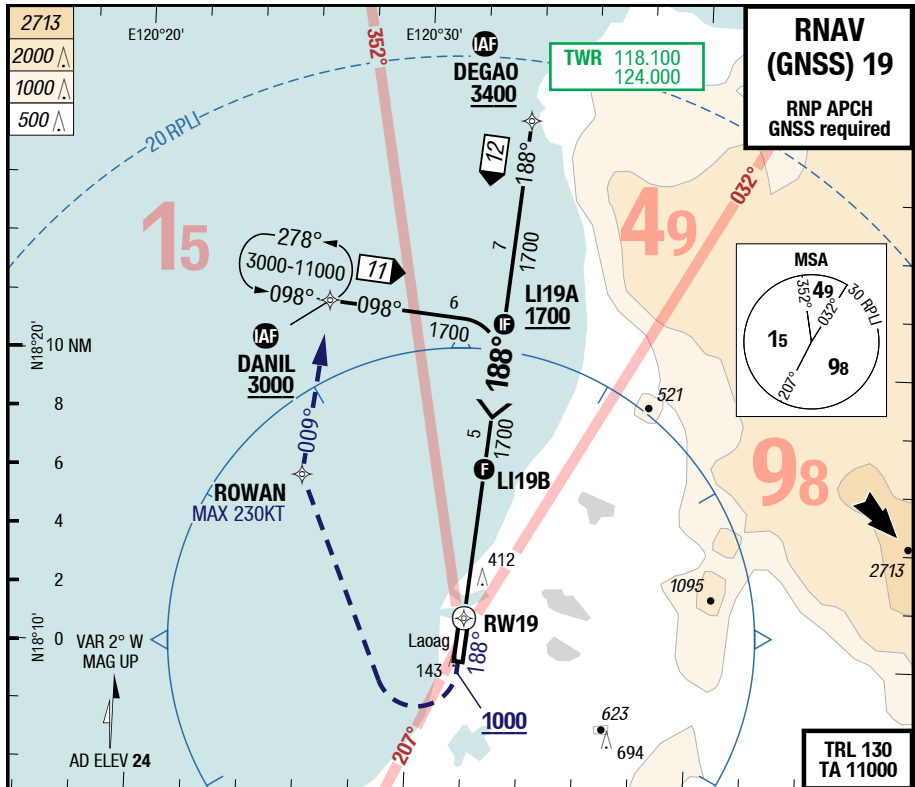
## RNAV (GNSS) 01

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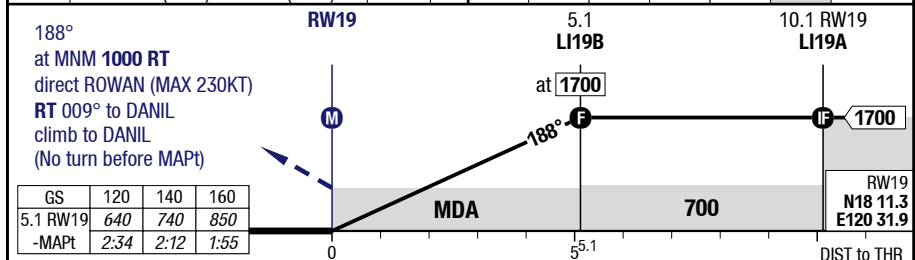
## LAO-RPLI

7-20

## RNAV (GNSS) 19



REDL 2420	3.0° 8	2	3	4	5	5.1	3.00°
60 H	45 x 2784	710	1030	1350	1670	1700	RW19
0.0%	TDZ 21 (---%) / THR 21 (1hPa)						

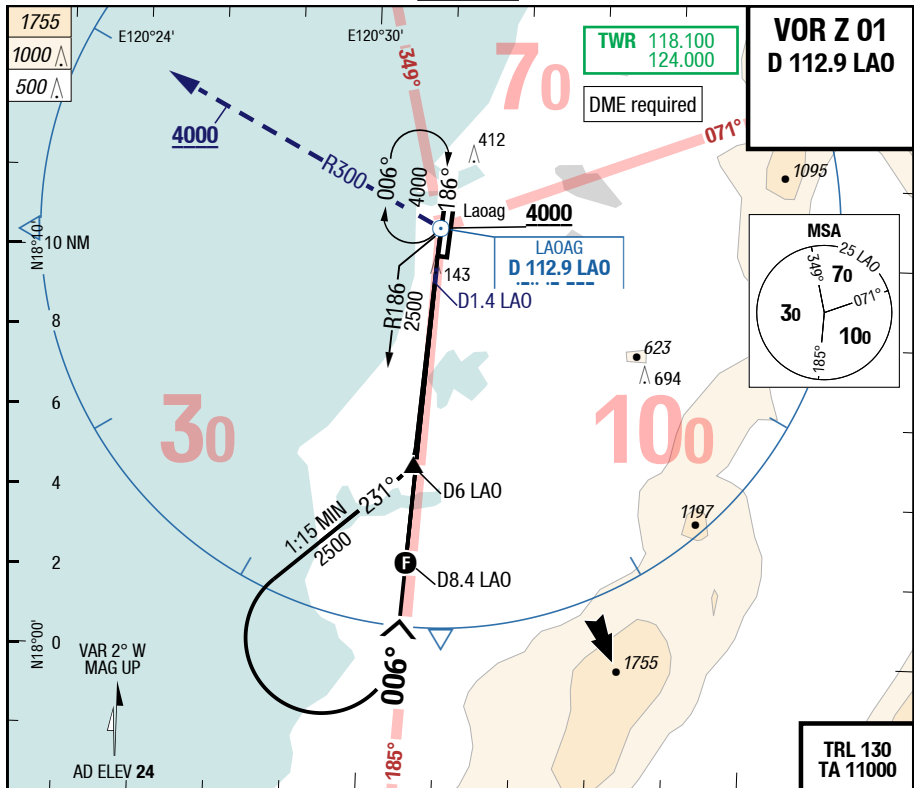


19	RNAV GNSS					Circling
C	ft - m/km ft	640 - 2.4 660				Not authorized
D	ft - m/km ft	640 - 2.4 660				Not authorized

## LAO-RPLI

**7-30**

**VOR Z 01**



3.04°  
D LAO  
006°  
RWY 008°

8.4 6 5 4 3 2

2500 1730 1400 1080 760 430

01

HL-S

2784 x 45

83.0°

420

THR 23 (1hPa) / TDZ 23 (---%) 0.0%

D8.4 LAO D6 D1.4 LAO

2500 1:15 MIN 231° R186 4000

R300 LAO at MNM 4000 direct LAO maintain 4000

MDA

GS	120	140	160
D8.4 LAO	640	740	850
-MAPt	3:30	3:00	2:37

DIST to THR 7.6 5 0.5 0

01 VOR DME

C ft - m/km ft 290 - 2.0V 310

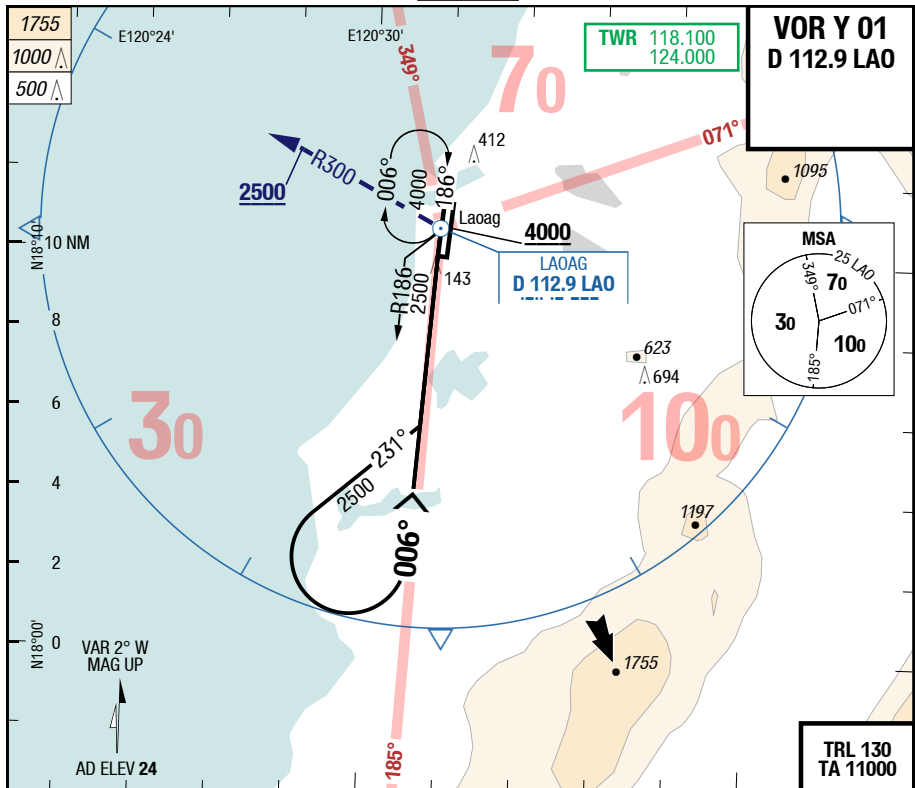
D ft - m/km ft 290 - 2.4V 310

Circling 600 - 3.7V 630 970 - 4.6V 990

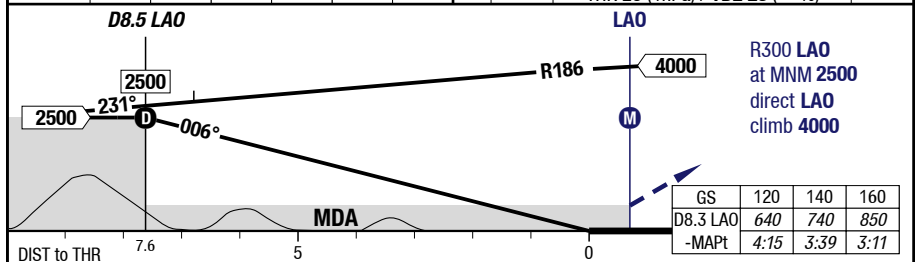
# LAO-RPLI

7-40

VOR Y 01



3.00°	8.5	7	6	5	4	3	01	83.0°	60 HL
D LAO	2500	2020	1710	1390	1070	750	HL-S	2784 x 45	
006°								420	
RWY 008°								THR 23 (1hPa) / TDZ 23 (---%)	0.0%

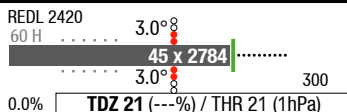
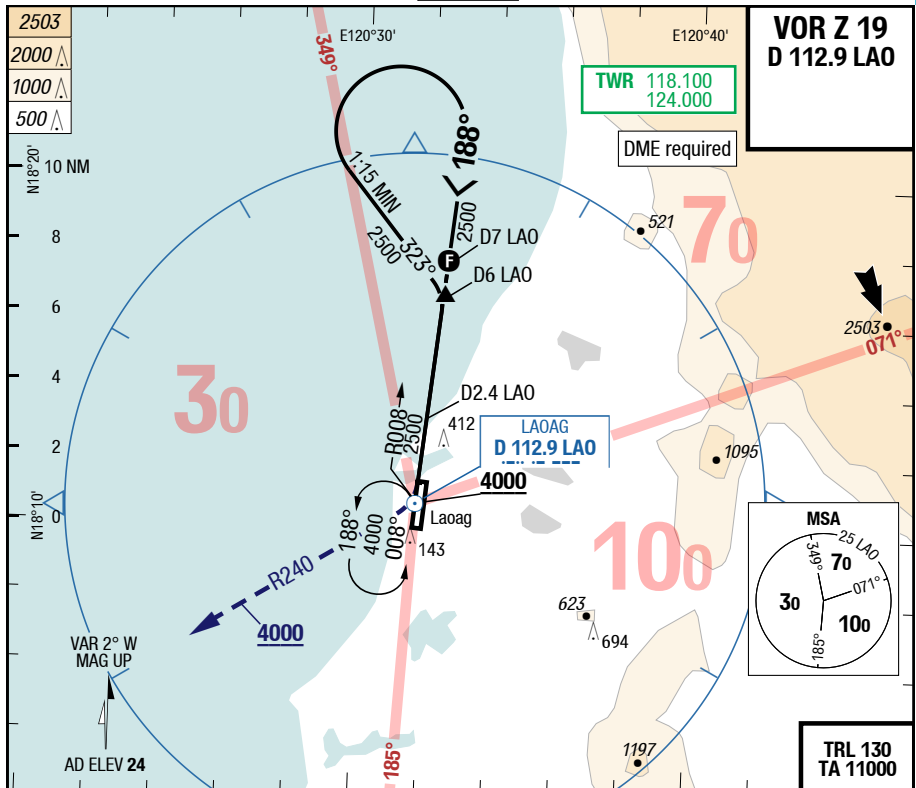


01	VOR					Circling
C	ft - m/km ft	560 - 2.0V 580				600 - 3.7V 630
D	ft - m/km ft	560 - 3.2V 580				960 - 4.6V 980

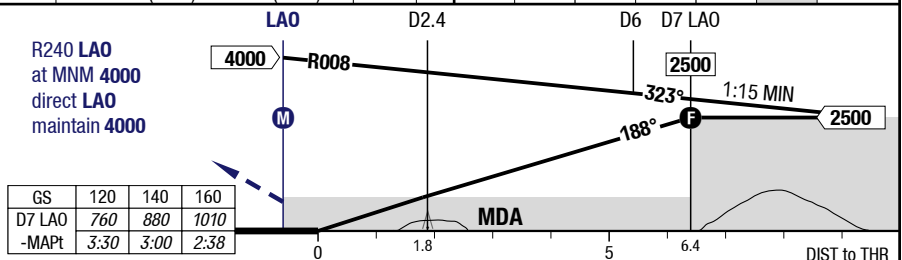
# LAO-RPLI

7-50

VOR Z 19

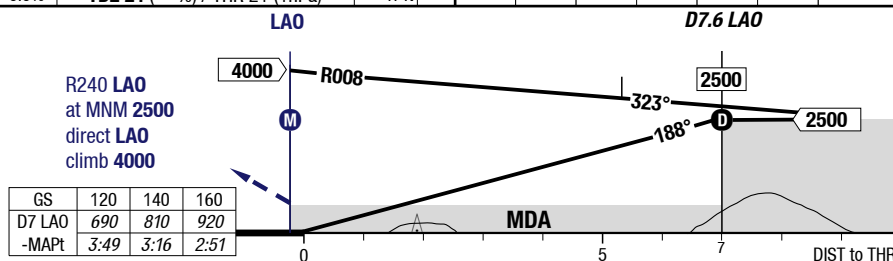
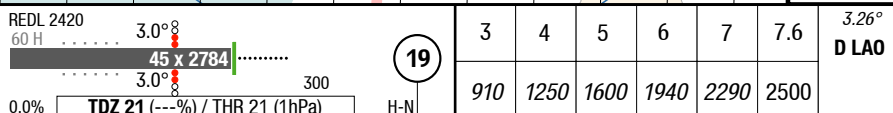


3	4	5	6	7	3.57° D LAO
990	1370	1750	2130	2500	



19	VOR DME					Circling
C	ft - m/km ft	640 - 2.0V 660				790 - 3.7V 810
D	ft - m/km ft	640 - 2.4V 660				790 - 4.6V 810

**VOR Y 19**



<b>19</b>		<b>VOR</b>					<b>Circling</b>
C	ft - m/km ft	600 - 2.0V <b>620</b>					600 - 3.7V <b>630</b>
D	ft - m/km ft	600 - 4.0V <b>620</b>					960 - 4.6V <b>980</b>