GENERAL

Operational Hours

ATS Hours: H24

Airport Information

RFF: 0/R
Fuel: 2200-1300
PCN: 0/R
Customs: 0/R

Operation

Traffic Note
Low Level Windshear Alerting System (LLWAS) in operation.

ARRIVAL

Speed

MAX IAS 250KT or MNM safe speed if greater, above 3000ft and at or below 10000ft.
MAX IAS 200KT or MNM safe speed if greater, at or below 3000ft.

Communication

COM Failure
If lost COM with Miho RAD/GCA for 1min or 5sec (PAR) / 15sec (ASR) on final APCH:
- Contact Miho TWR.
- If unable, proceed in accordance with VFR.
- If unable, proceed to YVE VOR/DME at last assigned ALT or 4000ft whichever is higher and execute instrument approach.

Procedure other than above will be issued when situation required.

Arrival Procedure

Noise Abatement Procedure: See CRAR Japan.

Critical DME and DME Gap for DME/DME/IRU Navigation on RNAV STARs
GAINA EAST RNAV
- RNAV Critical DME
  RWY 25: **OIE:** RAKDA - 5.7NM to GAINA - 3.7NM to GAINA - 1.7NM to GAINA

GAINA WEST RNAV
- RNAV Critical DME
  RWY 25: **OIE:** PEPOS - 32NM to OH561

KYURI EAST RNAV
- RNAV Critical DME
  RWY 07: **OIE:** OH762 - 20NM to OH761
  JET: 7NM to OH761 - OH761
  4NM to KYURI - 3NM to KYURI
  YVE: 7NM to OH761 - OH761
  4NM to KYURI - KYURI
- RNAV DME GAP
  RWY 07: OH761 - 4NM to KYURI

ARRIVAL

KYURI WEST RNAV
- RNAV Critical DME
  RWY 07: **OIE:** PEPOS - 1NM to KYURI
  YVE: 3NM to KYURI - KYURI

DEPARTURE

Take-off Minima

RWY		07/25	
All ACFT	ft - m/km	0 - 400R/400V	HJ only
		0 - 800R/800V	HN

Speed

MAX IAS 250KT or MNM safe speed if greater, above 3000ft and at or below 10000ft.
MAX IAS 200KT or MNM safe speed if greater, at or below 3000ft.

Departure Procedure

Noise Abatement Procedure: See CRAR Japan.

Critical DME and DME Gap for DME/DME/IRU Navigation on RNAV SIDs

KITARO RNAV
- RNAV Critical DME
  RWY 07: **TRE:** 1NM to OH 703 - 7NM to MIHOU.
  RWY 25: **JET:** 10NM to OH501 - 6NM to OH501.
  OIE: 6NM to OH501 - 4NM to OH501.
  OH501 - OH701
  TRE: 1NM to OH 703 - 7NM to MIHOU.
- RNAV DME GAP
  RWY 07: DER - 8.7NM to OH701.
  RWY 25: DER - 10NM to OH501.

STAGE RNAV
- RNAV Critical DME
  RWY 07: **OIE:** 12.6NM to STAGE - STAGE.
  RWY 25: **JET:** 10NM to OH501 - 6NM to OH501.
  OIE: 6NM to OH501 - 4NM to OH501.
  OH501 - OH701
  12.6NM to STAGE - STAGE.
- RNAV DME GAP
  RWY 07: DER - 8.7NM to OH701.
  RWY 25: DER - 10NM to OH501.

USAGI RNAV
- RNAV Critical DME
  RWY 25: **JET:** 10NM to OH501 - 6NM to OH501.
  OIE: 6NM to OH501 - 4NM to OH501.
  OH501 - 6NM to YAPPA.
- RNAV DME GAP
  RWY 07: DER - 8.7NM to OH701.
  RWY 25: DER - 10NM to OH501.

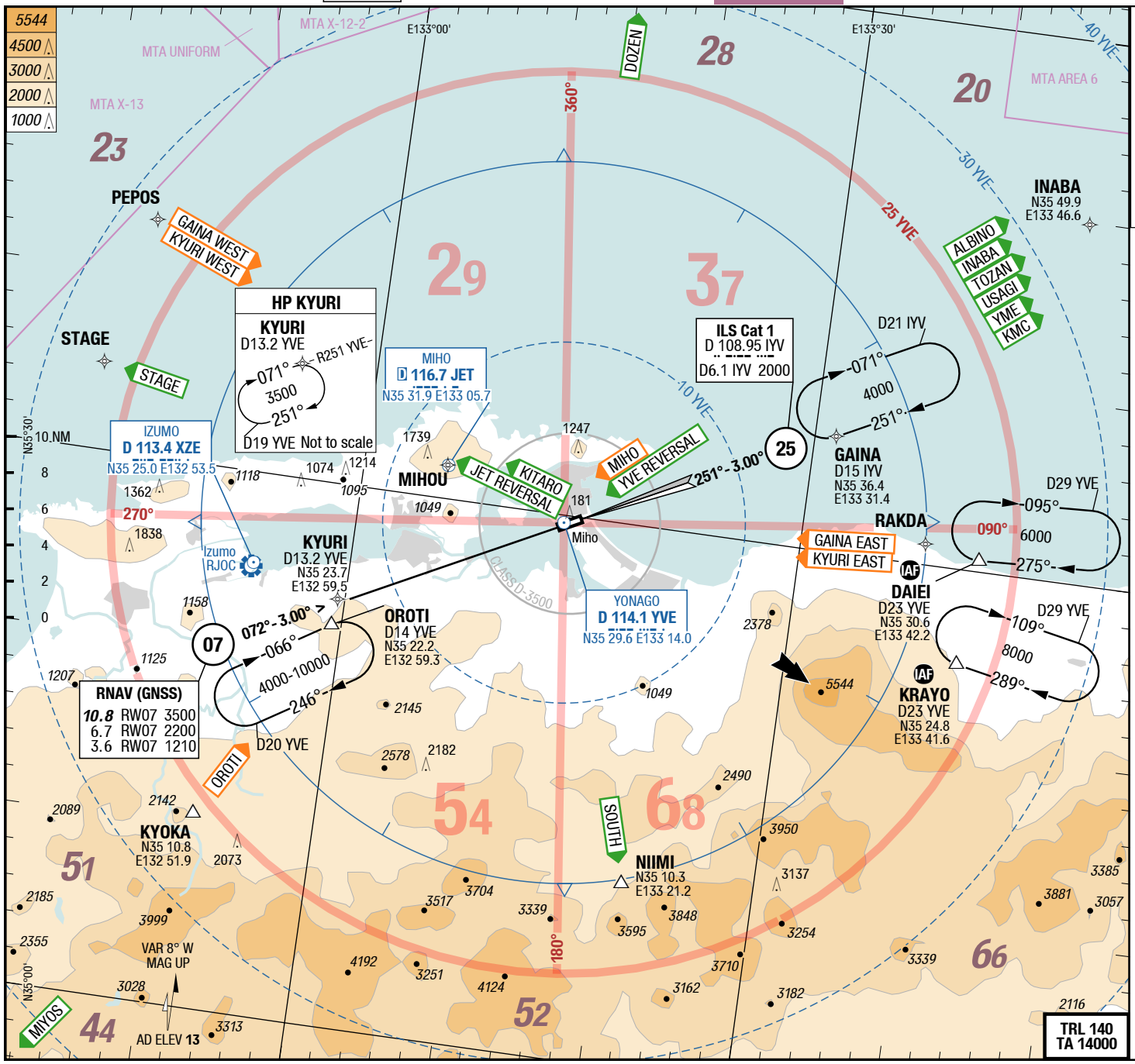
DEPARTURE

ALBINO TR

- RNAV Critical DME
  TRE: 42NM to MIYAZU - 40NM to MIYAZU.
  OKT: 26NM to MIYAZU - 25NM to MIYAZU.
  STD: 5NM to MIYAZU - 1NM to MIYAZU.

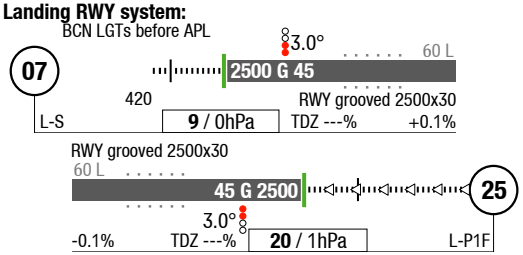
KOMATSU TR

- RNAV Critical DME
  CBE: 3NM to KMC - KMC.

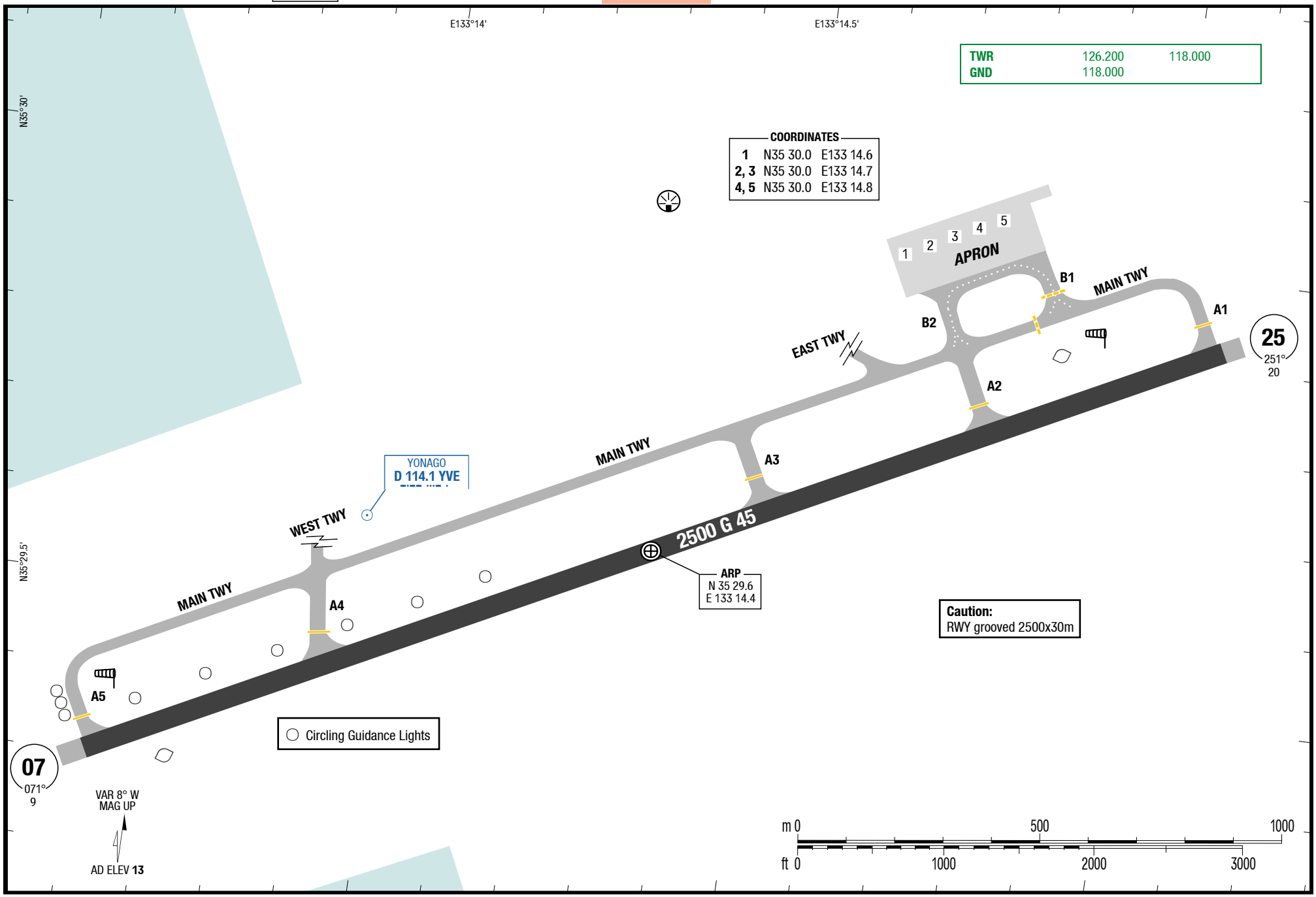


RAD	120.100	2200-1200, other time 1HR PN
	125.400	2200-1200, other time 1HR PN
	134.100	2200-1200, other time 1HR PN, PAR
	125.300	2200-1200, other time 1HR PN, PAR
APP	120.100	
	125.400	
DEP	120.100	2200-1200, other time 1HR PN
	125.400	2200-1200, other time 1HR PN
TWR	126.200	
	118.000	
GND	118.000	

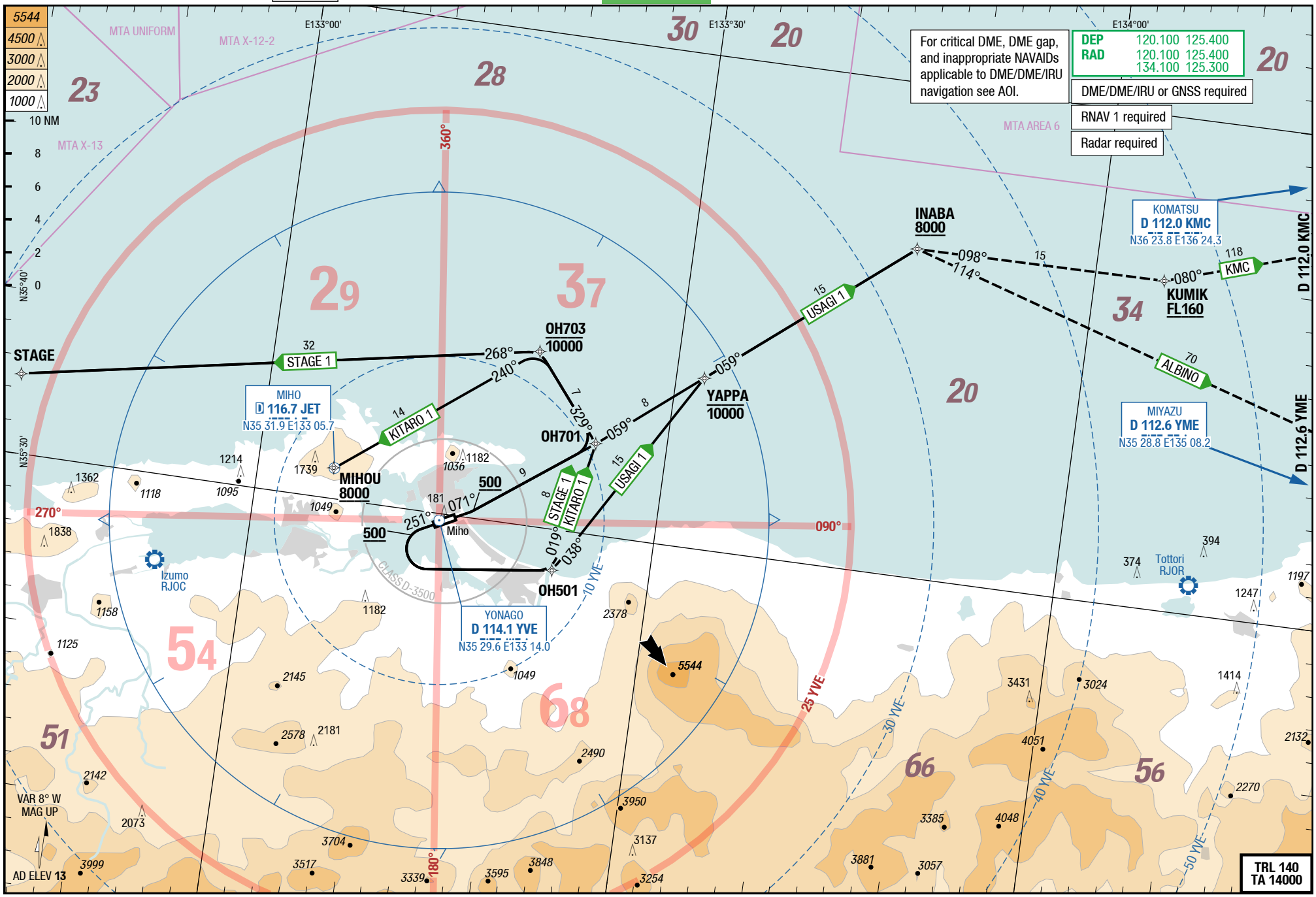
Landing RWY system:



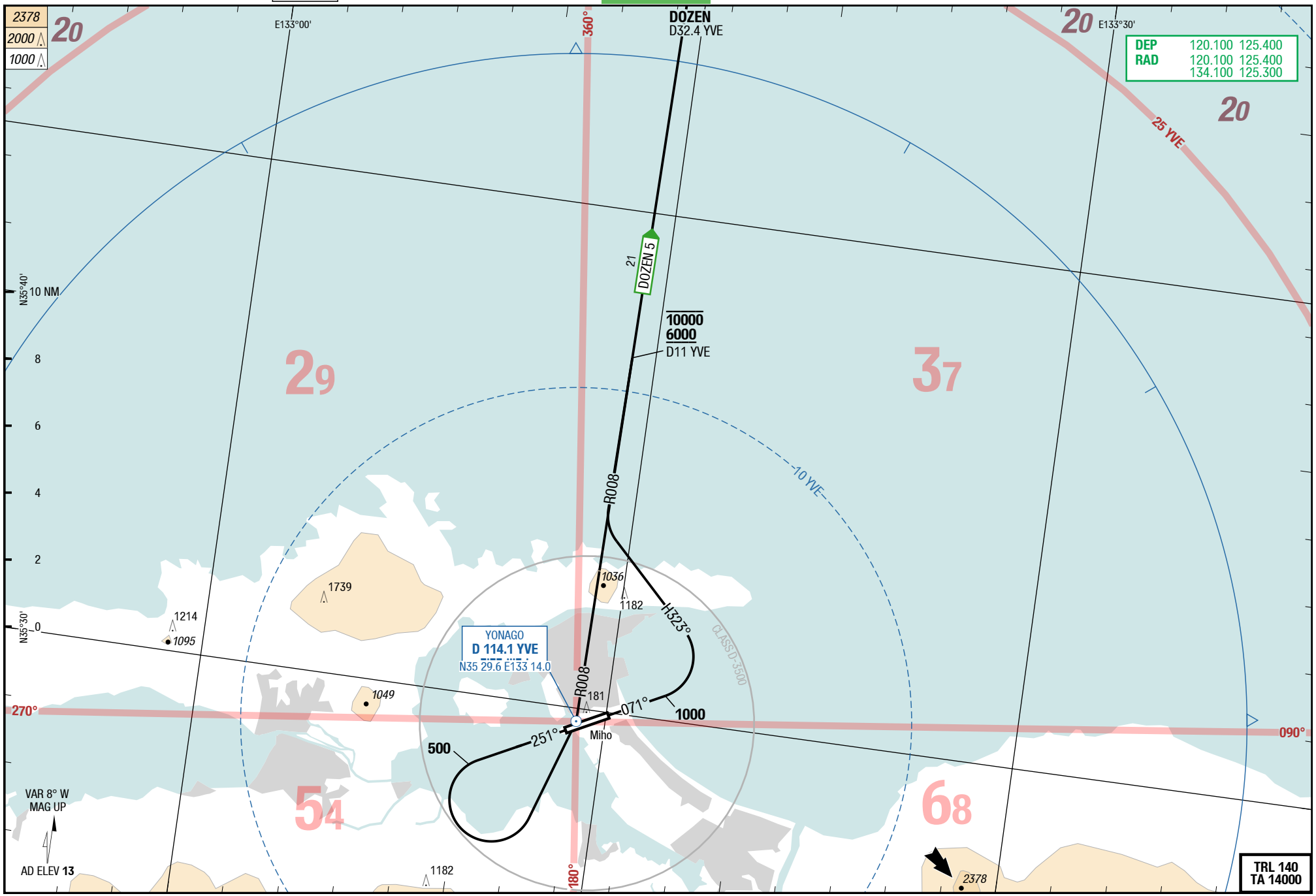
Changes: Navaid , OBST



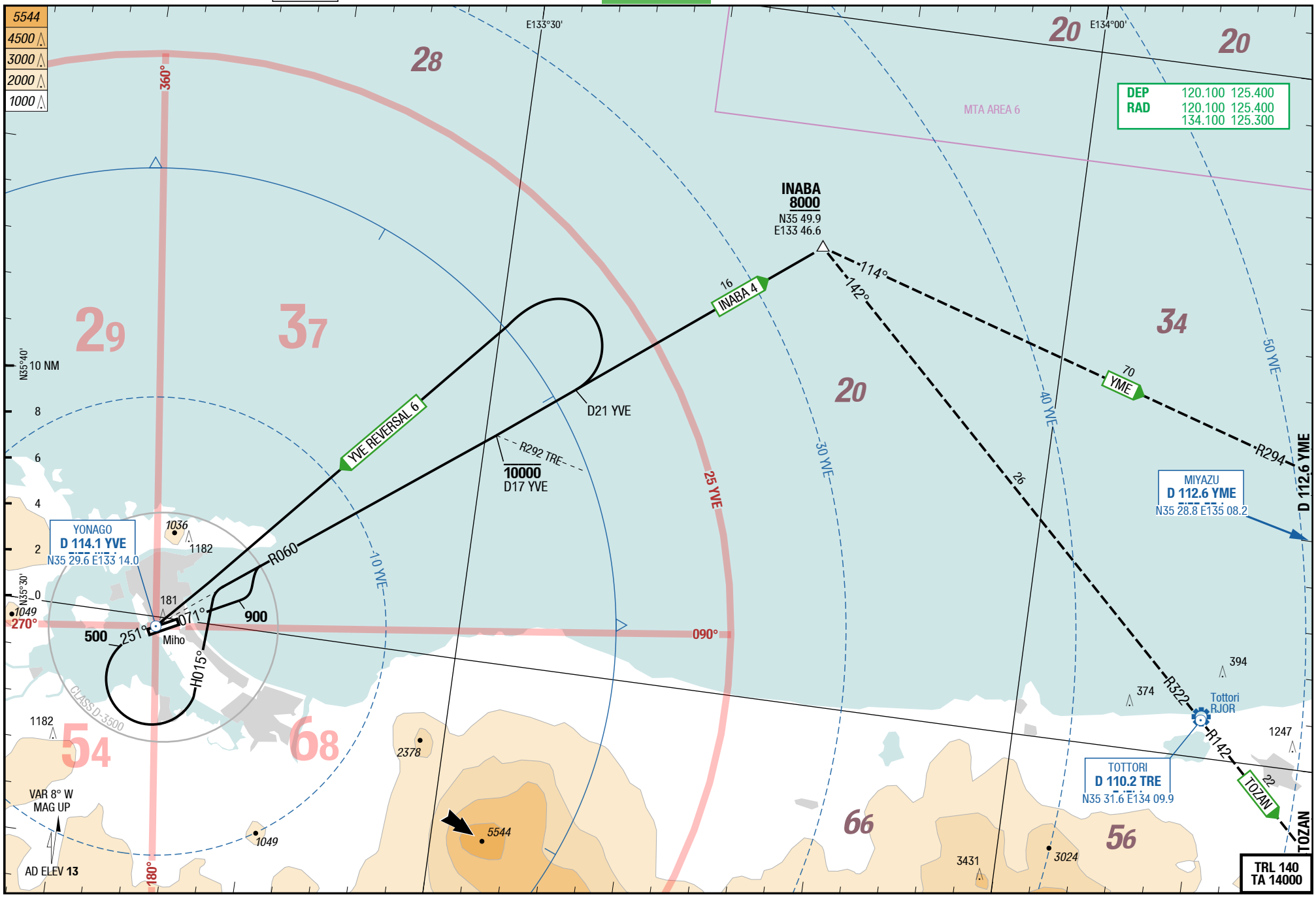
Changes: Nil



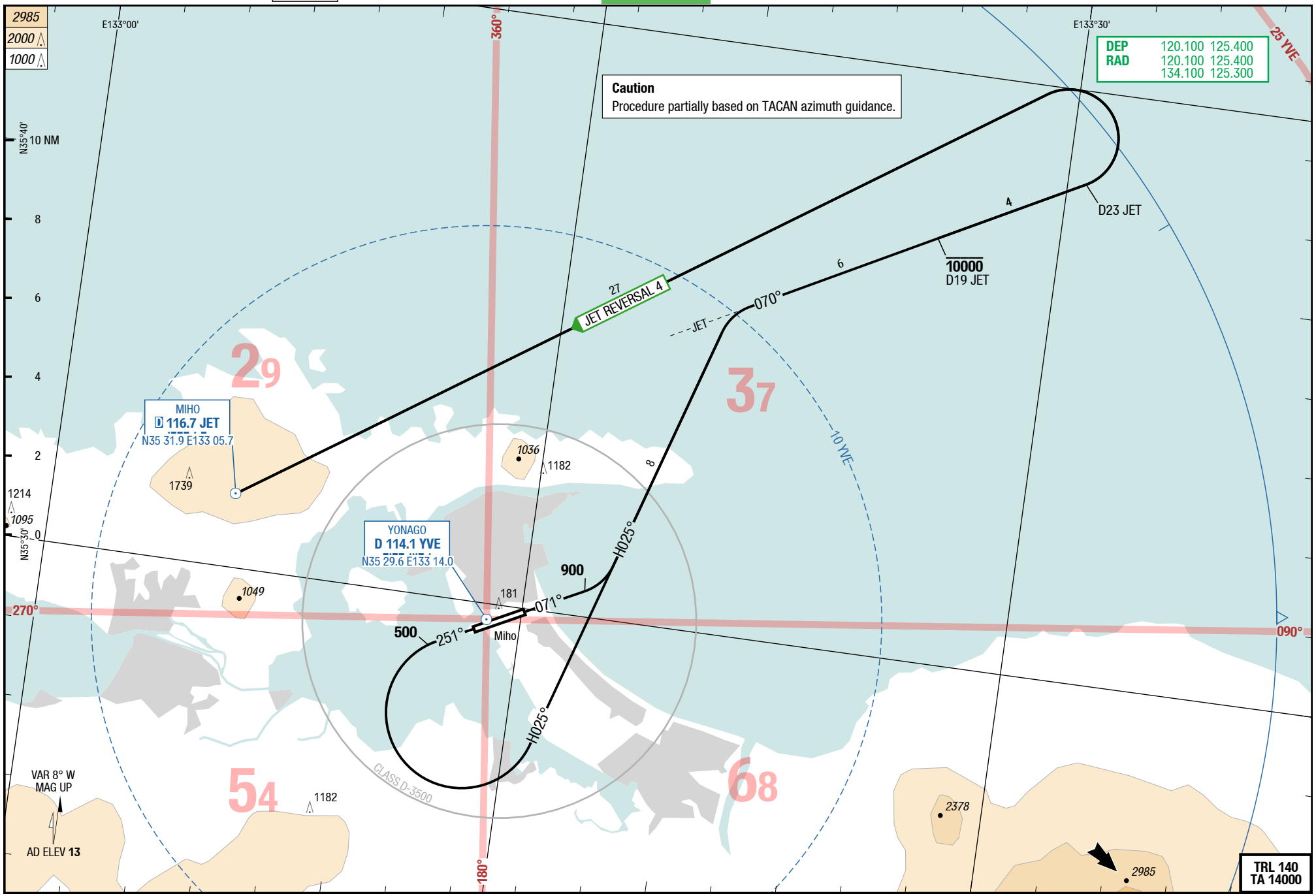
Changes: PROC



Changes: ALT, Track, PROC renumbered



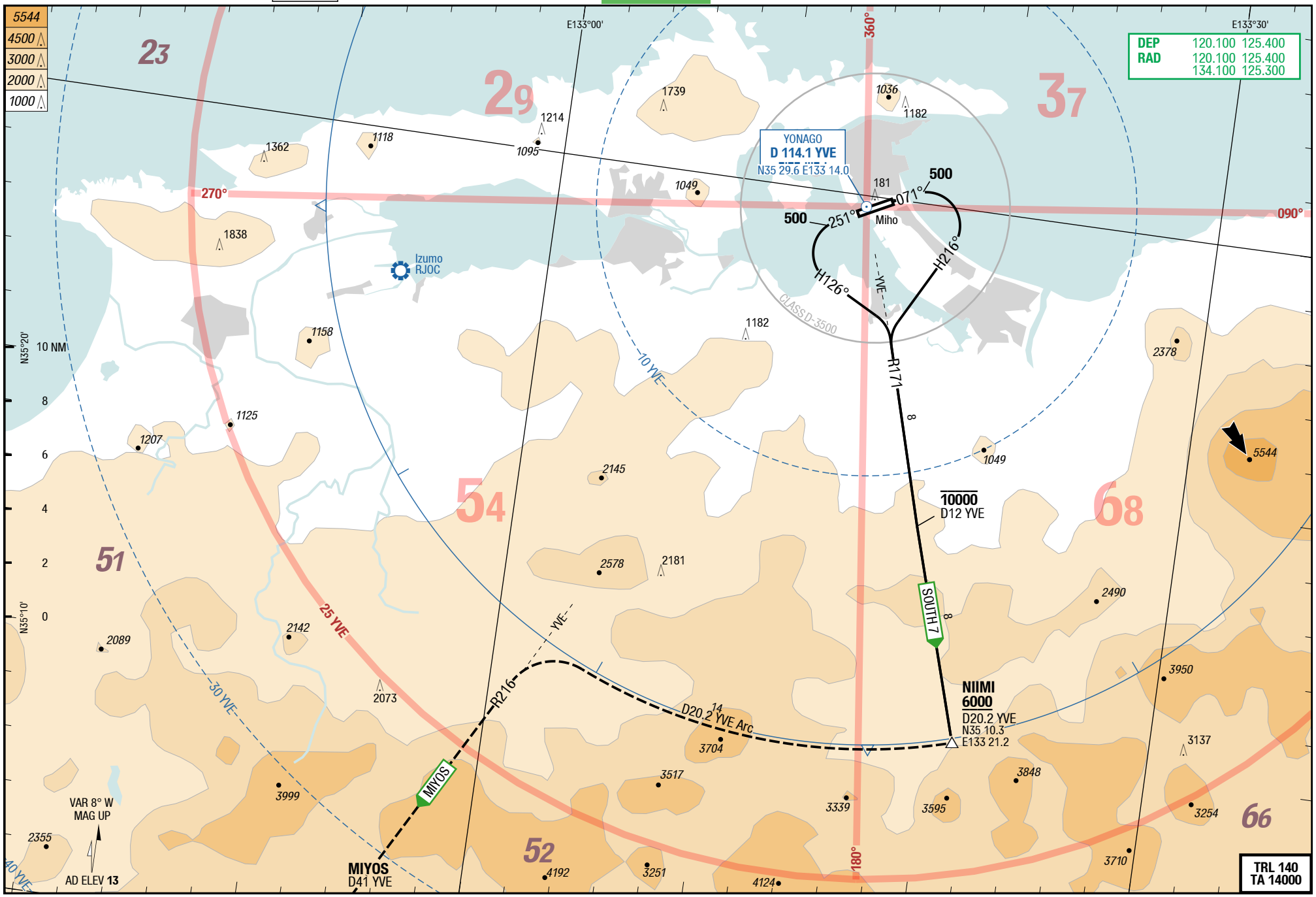
Changes: Nil



Changes: PROC renamed, PROC, NAVAID

Japan **Miho** SID SID **Miho** Japan

NIL **SOUTH 7** NIL **SOUTH 7**



Changes: PROC, ALT, NAVAID, PROC renumbered

KITARO 1 / STAGE 1 / USAGI 1

RWYs 07 (071°) / 25 (251°)

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

DESIGNATOR	ROUTING	ALTITUDES
	Runway 07	
KITARO 1 **120.100**	at MNM **500** direct OH701 - OH703 - MIHOU	OH703 MAX **10000** MIHOU MNM **8000**
	FMS [A500+] - OH701 - OH703 - MIHOU	OH703 MAX **10000** MIHOU MNM **8000**
STAGE 1 **120.100**	at MNM **500** direct OH701 - OH703 - STAGE	OH703 MAX **10000**
USAGI 1 **120.100**	at MNM **500** direct OH701 - YAPPA - INABA	YAPPA MAX **10000** INABA MNM **8000**
	TRANSITION	
	ALBINO INABA - YME	
	KOMATSU (KMC) INABA - KUMIK - KMC	INABA MNM **8000** KUMIK MNM **FL160**
	Runway 25	
KITARO 1 5.0% to 700 **120.100** ①	at MNM **500 LT** direct OH501 - OH701 - OH703 - MIHOU	OH703 MAX **10000** MIHOU MNM **8000**
	FMS [A500+ ;L] - OH501 - OH701 - OH703 - MIHOU	OH703 MAX **10000** MIHOU MNM **8000**
STAGE 1 5.0% to 700 **120.100** ①	at MNM **500 LT** direct OH501 - OH701 - OH703 - STAGE	OH703 MAX **10000**
USAGI 1 5.0% to 700 **120.100** ①	at MNM **500 LT** direct OH501 - YAPPA - INABA	YAPPA MAX **10000** INABA MNM **8000**
	TRANSITION	
	ALBINO INABA - YME	
	KOMATSU (KMC) INABA - KUMIK - KMC	INABA MNM **8000** KUMIK MNM **FL160**

① OBST 1182ft, located 214°/6.2NM from DER

Changes: PROC

DOZEN 5

RWYs 07 (071°) / 25 (251°)

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

DESIGNATOR	ROUTING	ALTITUDES
	Runway 07	
DOZEN 5 **120.100**	at **1000 LT** HDG 323°- intercept R008 **YVE** to DOZEN	R008/D11 **YVE** between **6000** and **10000**
	Runway 25	
DOZEN 5 5.0% to 1400 **120.100** ①	at **500 LT** - intercept R008 **YVE** to DOZEN	R008/D11 **YVE** between **6000** and **10000**

① OBST 1247ft, located 015°/4.3NM from DER

Changes: ALT, Track, PROC renumbered

YGJ-RJOH

5-30

INABA 4/YVE REVERSAL 6

INABA 4 / YONAGO REVERSAL 6

RWYs 07 (071°) / 25 (251°)

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

DESIGNATOR	ROUTING	ALTITUDES
	Runway 07	
INABA 4 **120.100**	at **900 LT** - intercept R060 **YVE** to INABA	D17/R060 **YVE** (R292 **TRE**) MAX **10000** INABA MNM **8000**
	TRANSITION	
	MIYAZU (YME) INABA - intercept R294 **YME** to **YME**	INABA MNM **8000**
	TOZAN INABA - intercept R322 **TRE** to **TRE** - R142 **TRE** to TOZAN	INABA MNM **8000**
YONAGO REVERSAL 6 **YVE REVERSAL 6** **120.100**	at **900 LT** - intercept R060 **YVE** - at D21 **YVE LT** direct **YVE**	D17/R060 **YVE** (R292 **TRE**) MAX **10000**
	Runway 25	
INABA 4 5.0% to 700 **120.100** ①	at **500 LT** HDG 015° - intercept R060 **YVE** to INABA	D17/R060 **YVE** (R292 **TRE**) MAX **10000** INABA MNM **8000**
	TRANSITION	
	MIYAZU (YME) INABA - intercept R294 **YME** to **YME**	INABA MNM **8000**
	TOZAN INABA - intercept R322 **TRE** to **TRE** - R142 **TRE** to TOZAN	INABA MNM **8000**
YONAGO REVERSAL 6 **YVE REVERSAL 6** 5.0% to 700 **120.100** ①	at **500 LT** HDG 015° - intercept R060 **YVE** - at D21 **YVE LT** direct **YVE**	D17/R060 **YVE** (R292 **TRE**) MAX **10000**

① OBST 1182ft, located 214°/6.2NM from DER

MIHO REVERSAL 4

RWYs 07 (071°) / 25 (251°)

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

DESIGNATOR	ROUTING	ALTITUDES
	Runway 07	
MIHO REVERSAL 4 **JET REVERSAL 4** **120.100** ②	at **900 LT** HDG 025° - intercept 070° **JET** - at D23 **JET LT** direct **JET**	070°/D19 **JET** MAX **10000**
	Runway 25	
MIHO REVERSAL 4 **JET REVERSAL 4** 5.0% to 1200 **120.100** ①②	at **500 LT** HDG 025° - intercept 070° **JET** - at D23 **JET LT** direct **JET**	070°/D19 **JET** MAX **10000**

① OBST 1182ft, located 016°/4.3NM from DER
② Procedure partially based on TACAN azimuth guidance.

Changes: PROC, PROC renamed, NAVAID

SOUTH 7

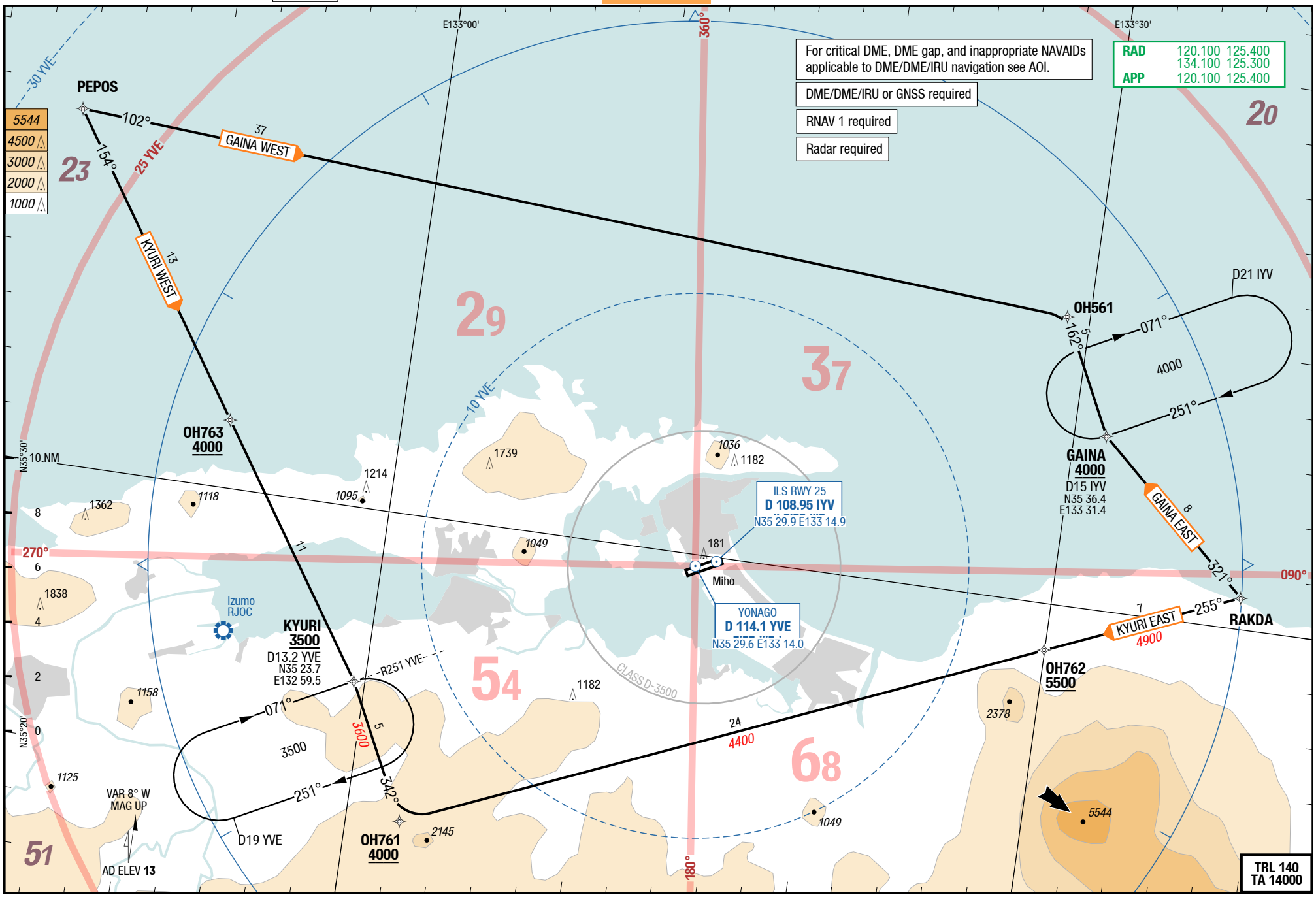
RWYs 07 (071°) / 25 (251°)

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

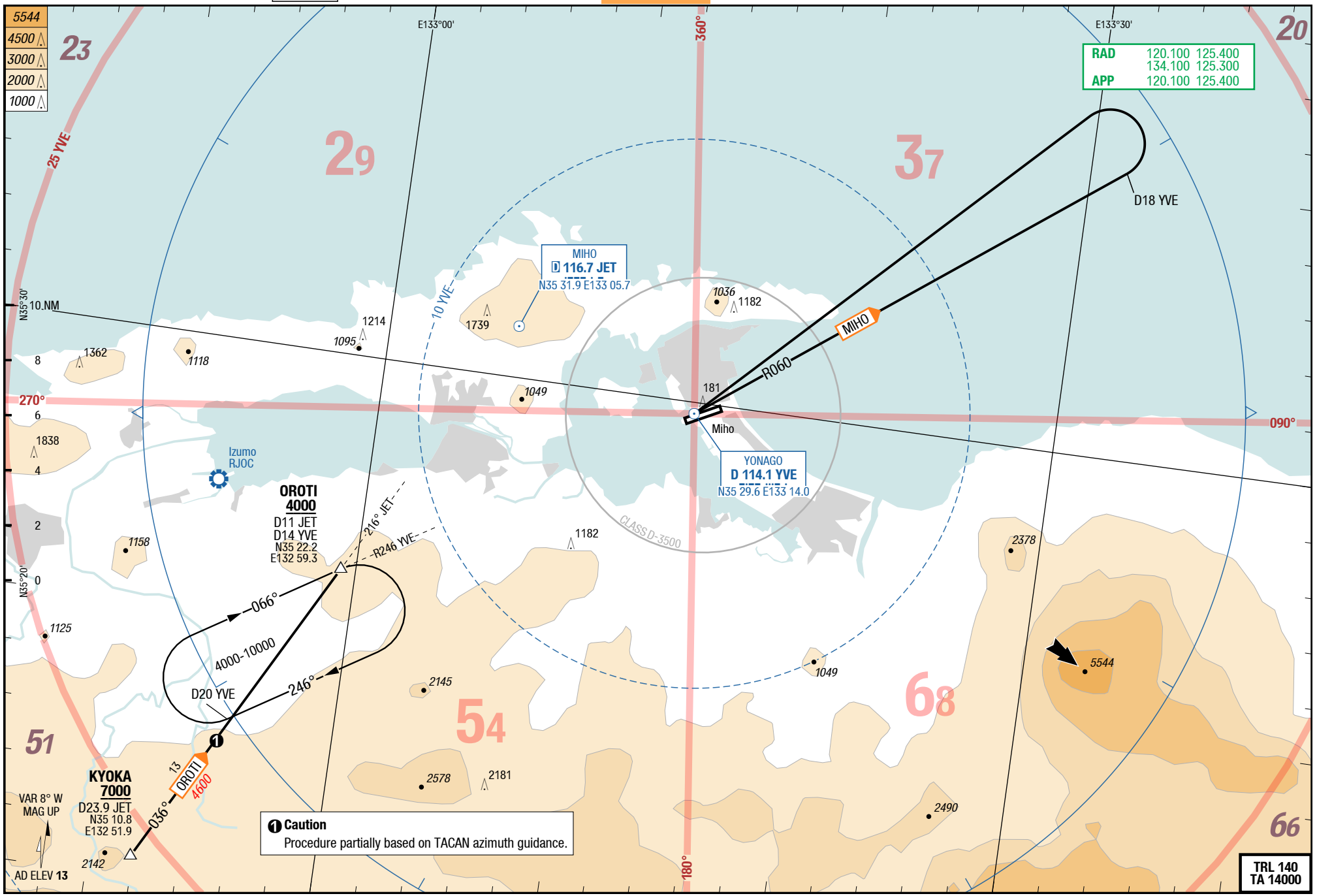
DESIGNATOR	ROUTING	ALTITUDES
SOUTH 7 **120.100**	at **500 RT** HDG 216° - intercept R171 **YVE** to NIIMI	R171/D12 **YVE** MAX **10000** NIIMI MNM **6000**
	TRANSITION	
	MIYOS NIIMI - **RT** follow D20.2 **YVE** arc - intercept R216 **YVE** to MIYOS	NIIMI MNM **6000**
SOUTH 7 5.0% to 700 **120.100** ①	at **500 LT** HDG 126° - intercept R171 **YVE** to NIIMI	R171/D12 **YVE** MAX **10000** NIIMI MNM **6000**
	TRANSITION	
	MIYOS NIIMI - **RT** follow D20.2 **YVE** arc - intercept R216 **YVE** to MIYOS	NIIMI MNM **6000**

① OBST 1182ft, located 214°/6.2NM from DER

Changes: PROC, ALT, NAVAID, PROC renumbered



Changes: Nil

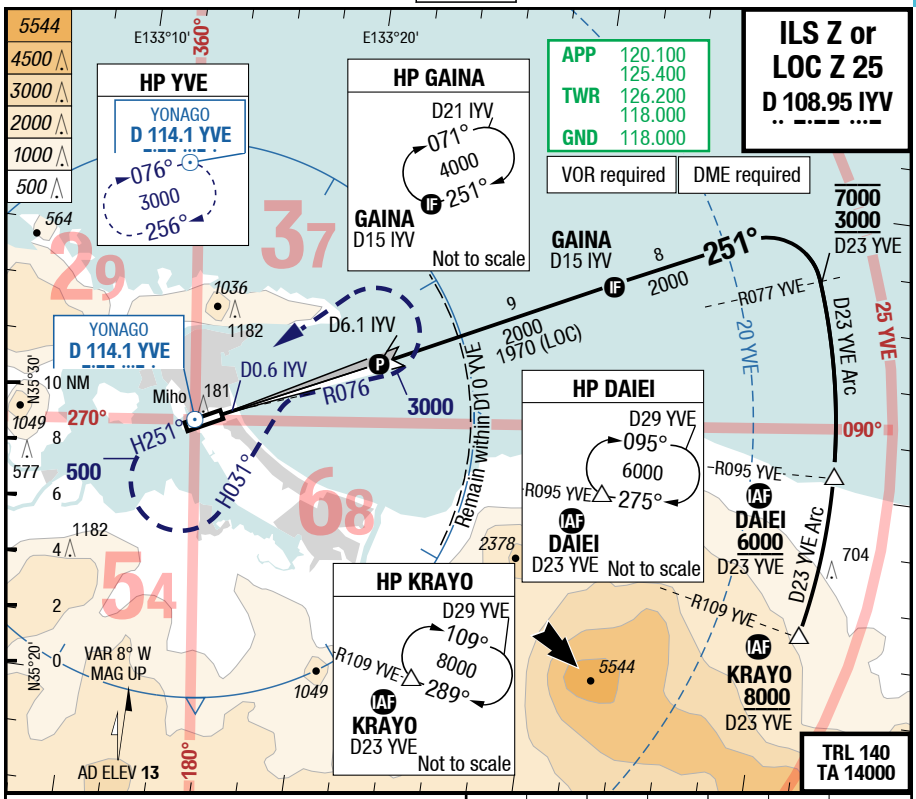


Changes: NAVAID, Note

YGJ-RJOH

7-10

ILS Z or LOC Z 25



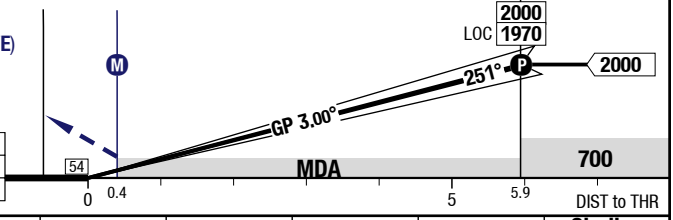
RWY grooved 2500x30
60 L
45 G 2500
25
3.0°
-0.1%
TDZ ---%
20 / 1hPa
L-P1F

2	3	4	5	6	6.1
650	970	1290	1610	1930	1970

LOC 3.00°
D IYV

HDG 251°
at **500 LT** HDG 031°
intercept R076 **YVE**
at **3000 LT** (within D10 **YVE**)
direct **YVE**
climb to **YVE**
contact APP

GS	120	140	160
D6.1 IYV	640	740	850
-MAPt	NA	NA	NA



25		Cat 1 DME GA 3.0%[1]	LOC DME GA 3.0%	PAR [1]	SRA		Circling TERPS
C	ft - m/km ft	200 - 1.0 **220**	330 - 1.3 **350**	200 - 1.0 **220**	440 - 1.8 **460**		600 - 2.4V **620**
D	ft - m/km ft	200 - 1.0 **220**	330 - 1.4 **350**	200 - 1.0 **220**	440 - 1.8 **460**		700 - 3.6V **720**

1) With EVS 650m

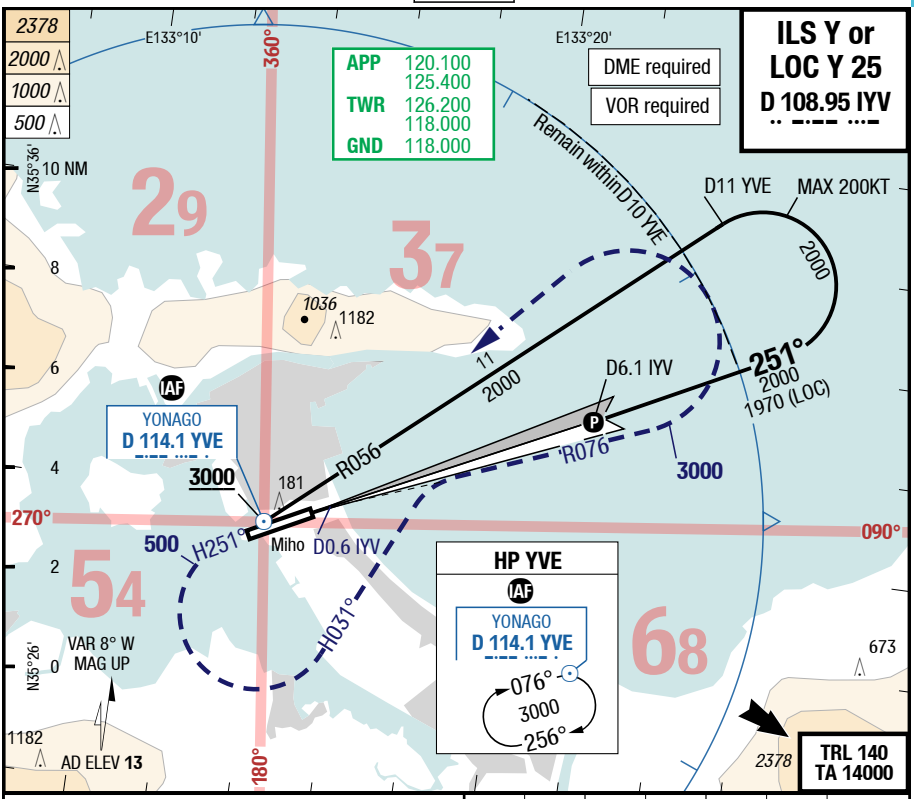
Changes: new

25-FEB-2016

YGJ-RJOH

7-20

ILS Y or LOC Y 25



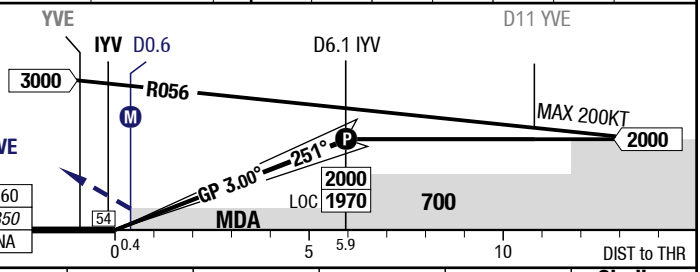
RWY grooved 2500x30
60 L
45 G 2500
25
3.0°
-0.1%
TDZ ---%
20 / 1hPa
L-P1F

2	3	4	5	6	6.1
650	970	1290	1610	1930	1970

LOC 3.00°
D IYV

HDG 251°
at **500 LT** HDG 031°
intercept R076 **YVE**
at **3000 LT**
(within D10 **YVE**)
direct **YVE** - climb to **YVE**
contact APP

GS	120	140	160
D6.1 IYV	*640*	*740*	*850*
-MAPt	NA	NA	NA



25		Cat 1 DME GA 3.0%[1]	LOC DME GA 3.0%	PAR [1]	SRA		Circling TERPS
C	ft - m/km ft	200 - 1.0 **220**	330 - 1.3 **350**	200 - 1.0 **220**	440 - 1.8 **460**		600 - 2.4V **620**
D	ft - m/km ft	200 - 1.0 **220**	330 - 1.4 **350**	200 - 1.0 **220**	440 - 1.8 **460**		700 - 3.6V **720**

1) With EVS 650m

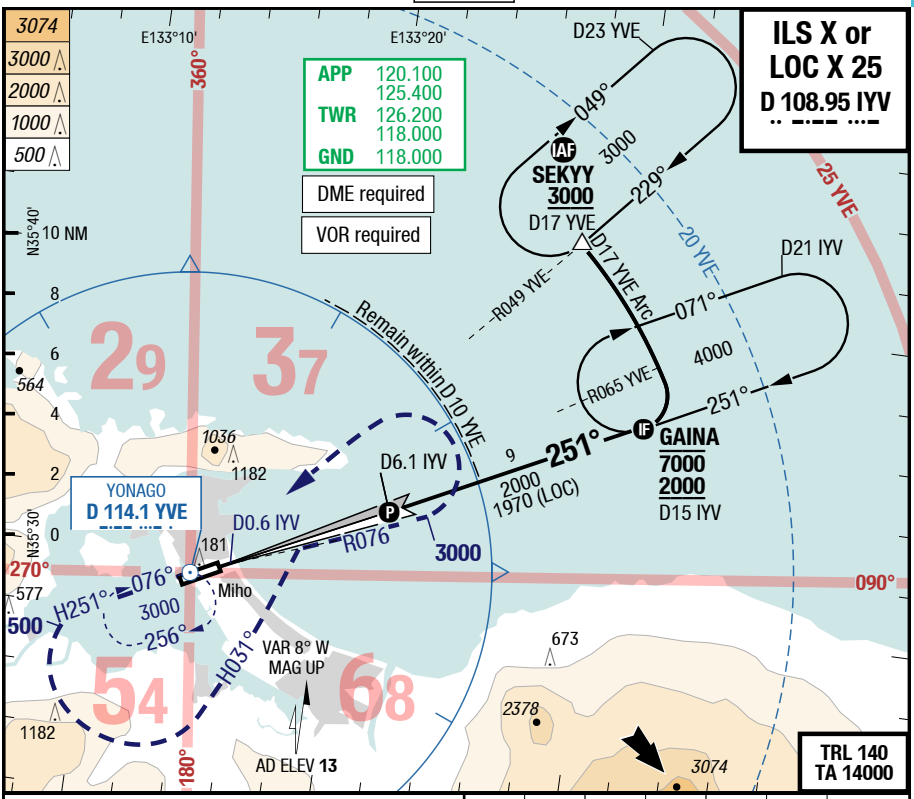
Changes: new

25-FEB-2016

YGJ-RJOH

7-30

ILS X or LOC X 25

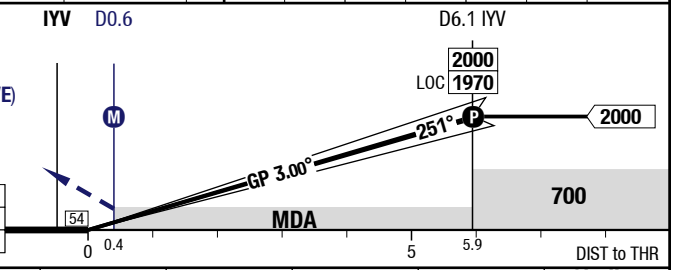


RWY grooved 2500x30
60 L
45 G 2500
25
3.0°
-0.1%
TDZ ---%
20 / 1hPa
L-P1F

2	3	4	5	6	6.1	LOC 3.00° D IYV
650	970	1290	1610	1930	1970	

HDG 251°
at **500 LT** HDG 031°
intercept R076 **YVE**
at **3000 LT** (within D10 **YVE**)
direct **YVE**
climb to **YVE**
contact APP

GS	120	140	160
D6.1 IYV	*640*	*740*	*850*
-MAPt	NA	NA	NA



25		Cat 1 DME GA 3.0%[1]	LOC DME GA 3.0%	PAR [1]	SRA		Circling TERPS
C	ft - m/km ft	200 - 1.0 **220**	330 - 1.3 **350**	200 - 1.0 **220**	440 - 1.8 **460**		600 - 2.4V **620**
D	ft - m/km ft	200 - 1.0 **220**	330 - 1.4 **350**	200 - 1.0 **220**	440 - 1.8 **460**		700 - 3.6V **720**

1) With EVS 650m

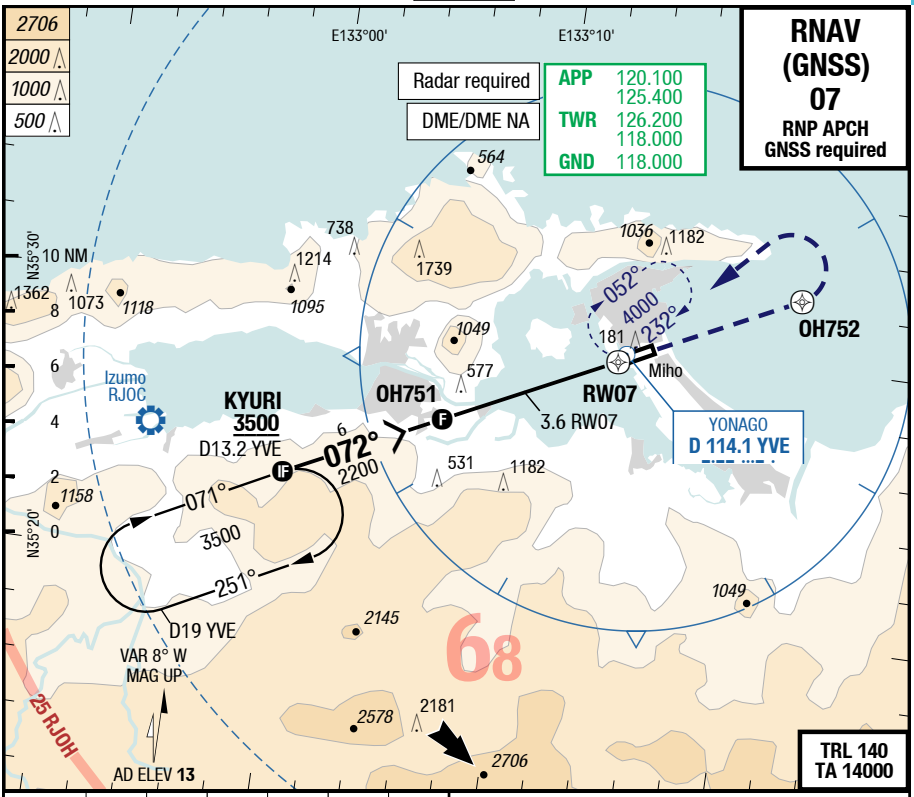
Changes: new

24-MAR-2016

YGJ-RJOH

7-50

RNAV (GNSS) 07



3.00° RW07 072° RWY 071°	10.8	8	6	4	3	2
	3500	2610	1970	1340	1020	700

BCN LGTs before APL

07 L-S

3.0° 60 L

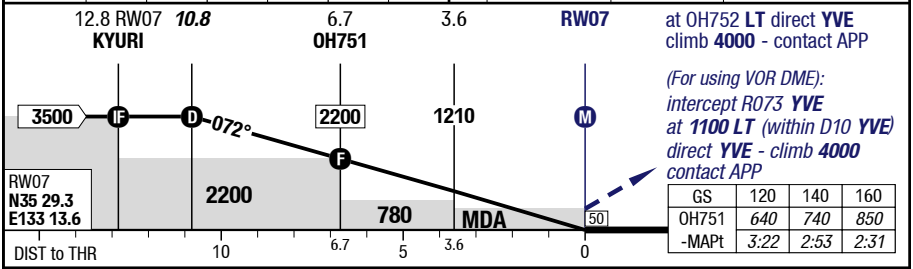
2500 G 45

420

RWY grooved 2500x30

9 / 0hPa

TDZ ---% +0.1%



at OH752 **LT** direct **YVE**
climb **4000** - contact APP

(For using VOR DME):
intercept R073 ***YVE***
at ***1100 LT*** *(within D10* ***YVE****)*
direct ***YVE*** *- climb* ***4000***
contact APP

GS	120	140	160
OH751	*640*	*740*	*850*
-MAPt	*3:22*	*2:53*	*2:31*

07		RNAV GNSS VNAV[1]	RNAV GNSS LNAV				Circling TERPS
C	ft - m/km ft	370 - 1.5 **380**[2]	370 - 1.5 **380**				600 - 2.4V **620**
D	ft - m/km ft	370 - 1.6 **380**[3]	370 - 1.6 **380**				700 - 3.6V **720**

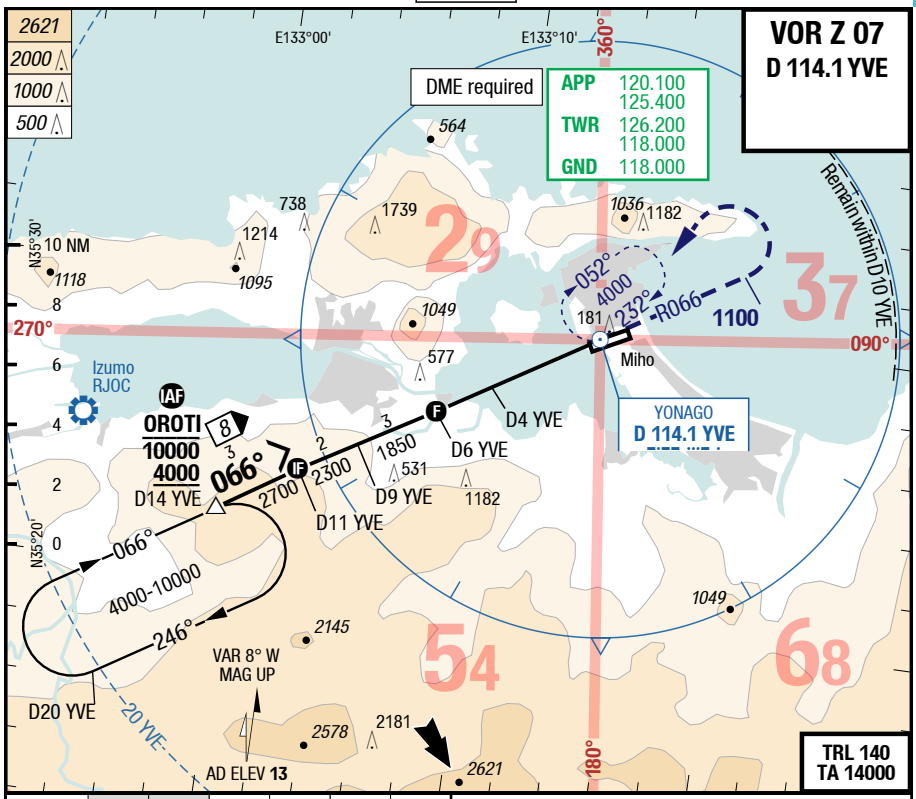
1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS 1.0km
3) With EVS 1.1km

Changes: Note

25-FEB-2016

YGJ-RJOH

VOR Z 07



3.00°			6	5	3	2
D YVE						
066°			1850	*1530*	*890*	*570*
RWY 071°						

BCN LGTs before APL

07

3.0°

60 L

2500 G 45

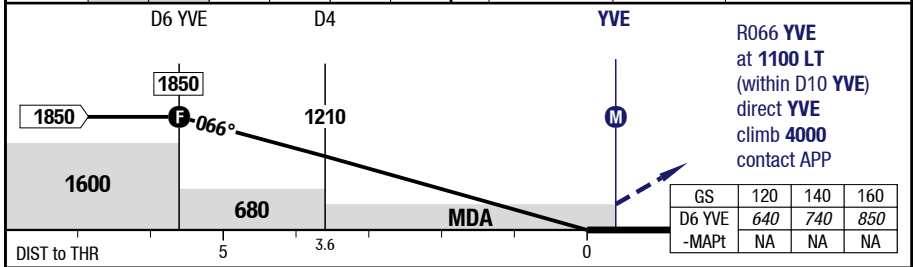
420

RWY grooved 2500x30

L-S

9 / 0hPa

TDZ ---% +0.1%



R066 **YVE**
at **1100 LT**
(within D10 **YVE**)
direct **YVE**
climb **4000**
contact APP

GS	120	140	160
D6 YVE	*640*	*740*	*850*
-MAPt	NA	NA	NA

07		**VOR DME**	**PAR** 1)	**SRA**			**Circling TERPS**
C	ft - m/km ft	420 - 1.7 **430**	200 - 1.0 **220**	370 - 1.5 **380**			600 - 2.4V **620**
D	ft - m/km ft	440 - 1.8 **450**	200 - 1.0 **220**	370 - 1.6 **380**			700 - 3.6V **720**

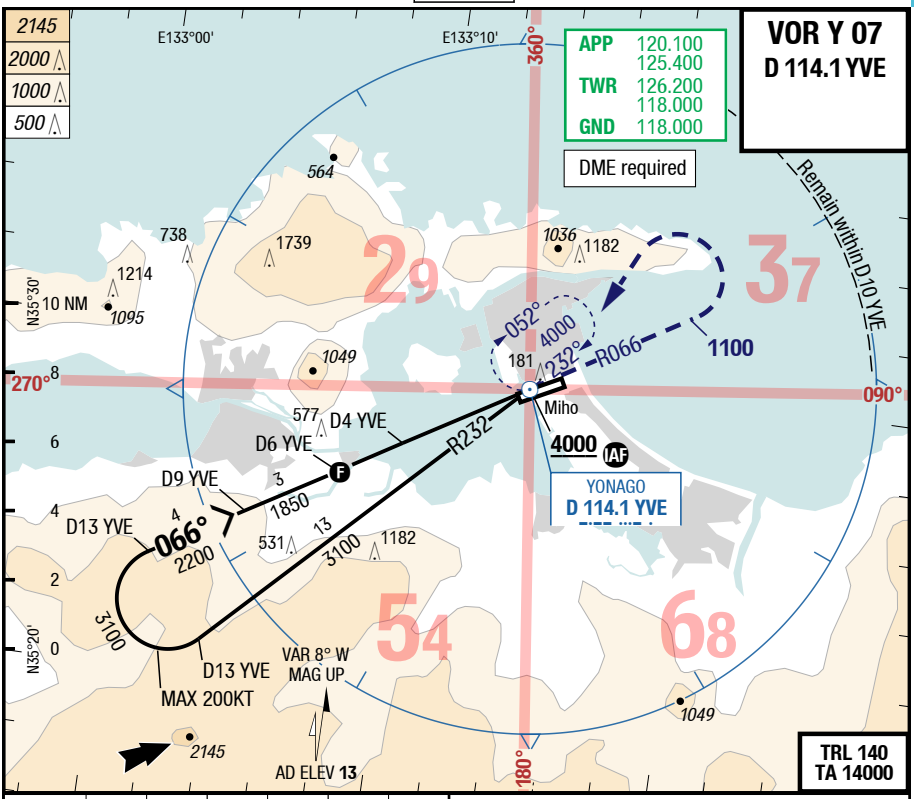
1) With EVS 650m

Changes: new

25-FEB-2016

YGJ-RJOH

VOR Y 07



3.00°	9.9	9	7	5	3	2
D YVE						
066°						
RWY 071°	3100	*2800*	*2170*	*1530*	*890*	*570*

BCN LGTs before APL

07

3.0°

60 L

2500 G 45

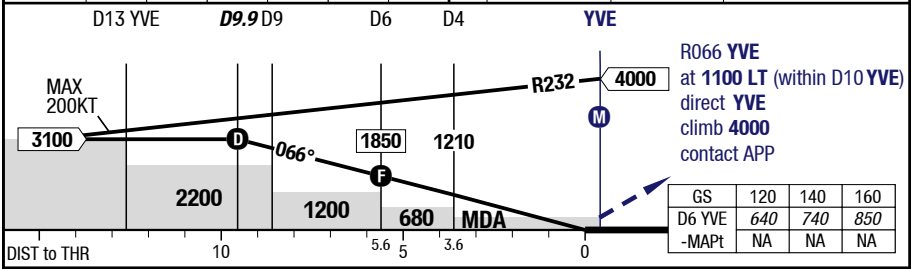
420

RWY grooved 2500x30

L-S

9 / 0hPa

TDZ ---% +0.1%



R066 **YVE**
at **1100 LT** (within D10 **YVE**)
direct **YVE**
climb **4000**
contact APP

GS	120	140	160
D6 YVE	*640*	*740*	*850*
-MAPt	NA	NA	NA

07		VOR DME	PAR 1)	SRA			Circling TERPS
C	ft - m/km	420 - 1.7	200 - 1.0	370 - 1.5			600 - 2.4V
	ft	**430**	**220**	**380**			**620**
D	ft - m/km	440 - 1.8	200 - 1.0	370 - 1.6			700 - 3.6V
	ft	**450**	**220**	**380**			**720**

1) With EVS 650m

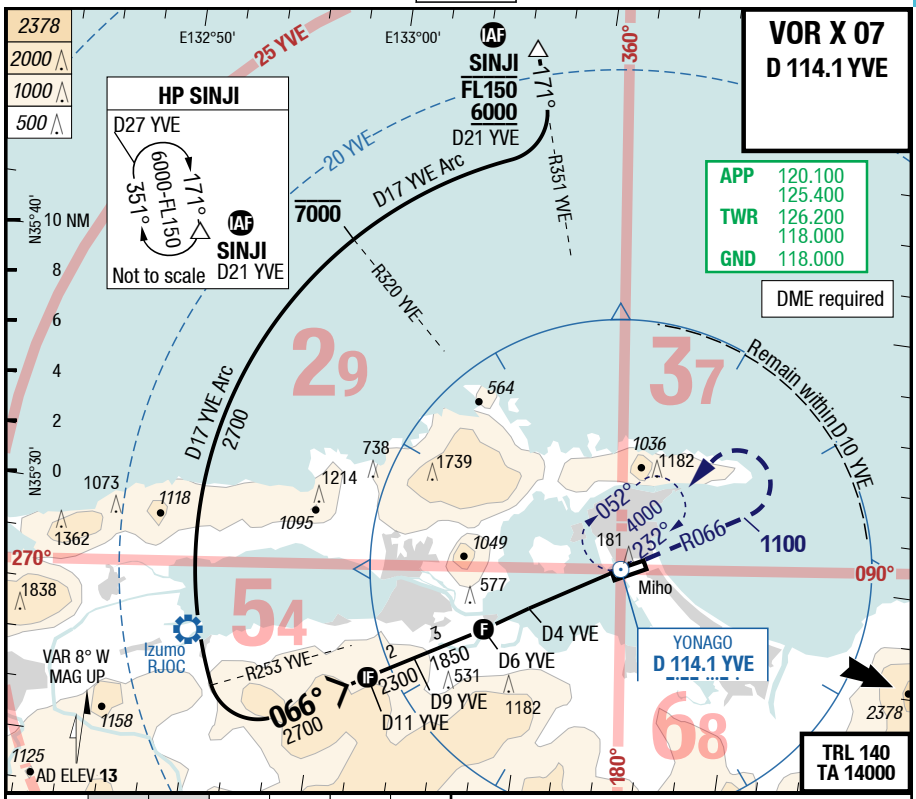
Changes: new

25-FEB-2016

YGJ-RJOH

7-90

VOR X 07



3.00°			6	5	3	2
D YVE						
066°			1850	*1530*	*890*	*570*
RWY 071°						

BCN LGTs before APL

07

3.0° 60 L

2500 G 45

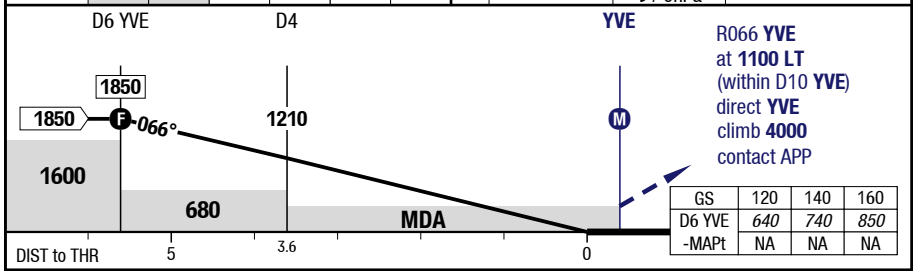
420

RWY grooved 2500x30

L-S

9 / 0hPa

TDZ ---% +0.1%



R066 **YVE**
at **1100 LT**
(within D10 **YVE**)
direct **YVE**
climb **4000**
contact APP

GS	120	140	160
D6 YVE	*640*	*740*	*850*
-MAPt	NA	NA	NA

07		**VOR DME**	**PAR** 1)	**SRA**			**Circling TERPS**
C	ft - m/km ft	420 - 1.7 **430**	200 - 1.0 **220**	370 - 1.5 **380**			600 - 2.4V **620**
D	ft - m/km ft	440 - 1.8 **450**	200 - 1.0 **220**	370 - 1.6 **380**			700 - 3.6V **720**

1) With EVS 650m

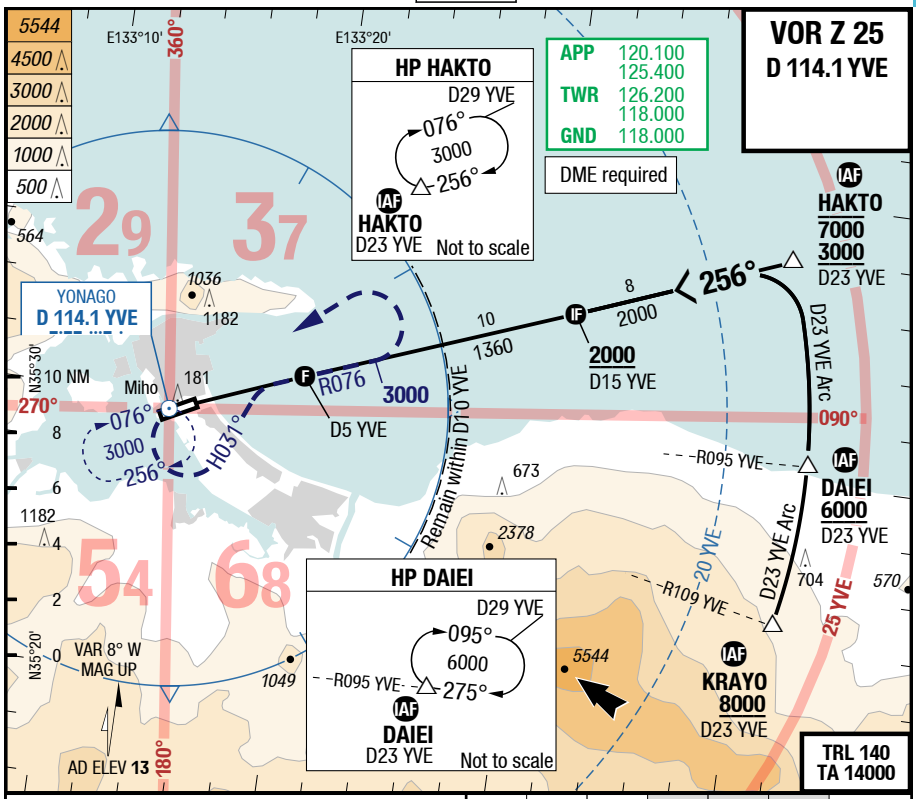
Changes: new

25-FEB-2016

YGJ-RJOH

7-100

VOR Z 25



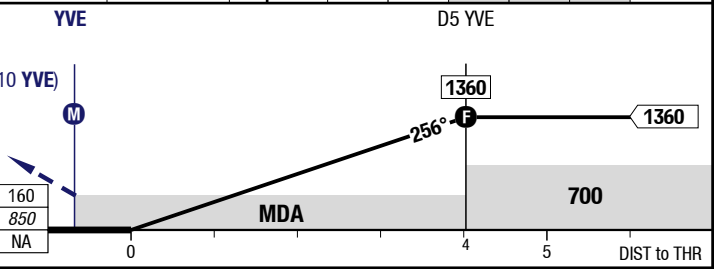
RWY grooved 2500x30
60 L
45 G 2500
25
3.0°
-0.1%
TDZ ---%
20 / 1hPa
L-P1F

3	4	5			
720	*1040*	1360			

3.00°
D YVE
256°
RWY 251°

LT HDG 031°
intercept R076 **YVE**
at **3000 LT** (within D10 **YVE**)
direct **YVE**
climb to **YVE**
contact APP

GS	120	140	160
D5 YVE	*640*	*740*	*850*
-MAPt	NA	NA	NA



25		VOR DME					Circling TERPS
C	ft - m/km ft	400 - 1.6 **420**					600 - 2.4V **620**
D	ft - m/km ft	400 - 1.6 **420**					700 - 3.6V **720**

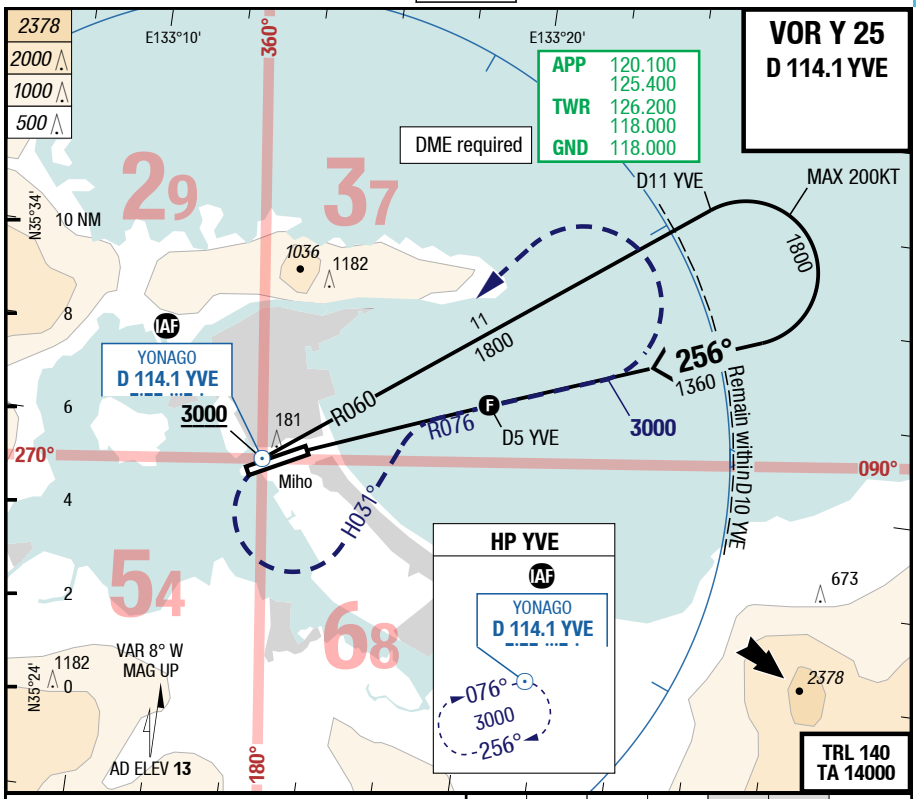
Changes: new

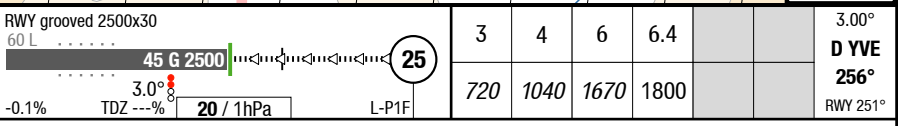
25-FEB-2016

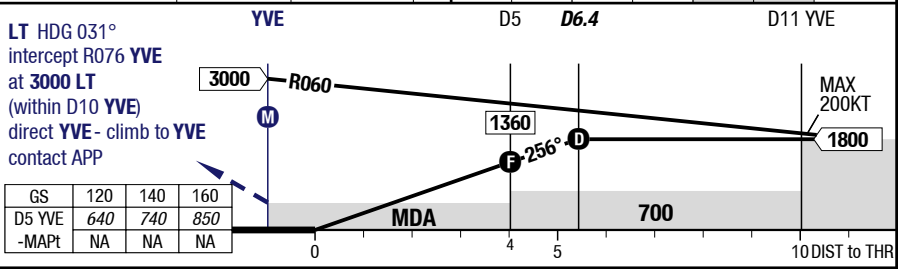
YGJ-RJOH

7-110

VOR Y 25







25		VOR DME					Circling TERPS
C	ft - m/km ft	400 - 1.6 **420**					600 - 2.4V **620**
D	ft - m/km ft	400 - 1.6 **420**					700 - 3.6V **720**

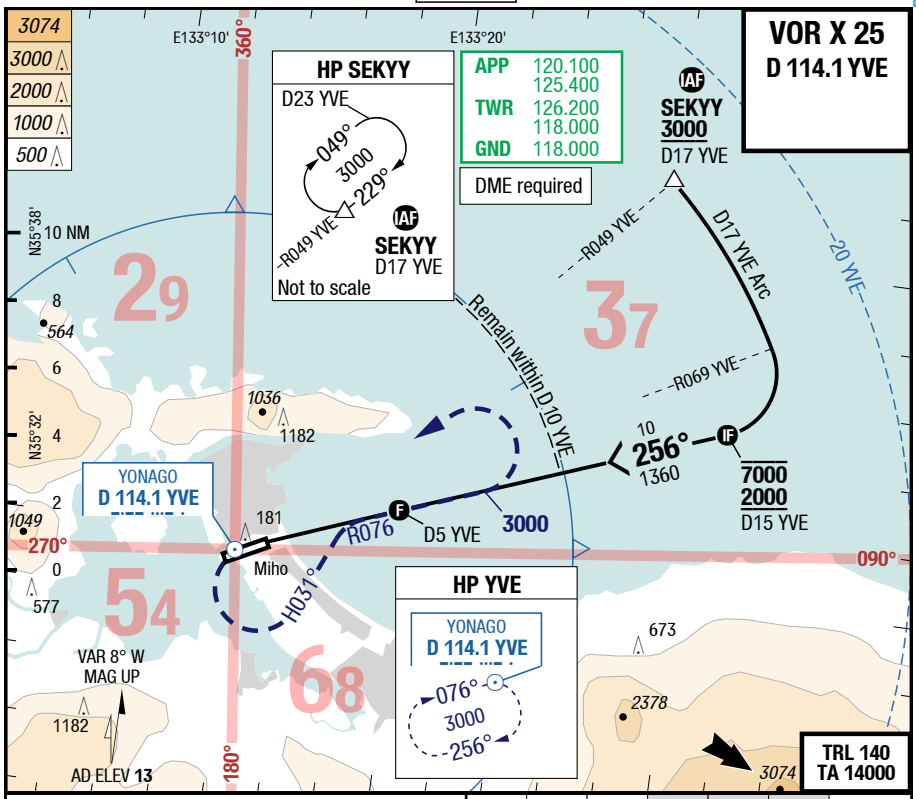
Changes: new

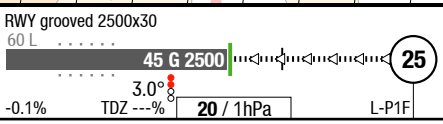
25-FEB-2016

YGJ-RJOH

7-120

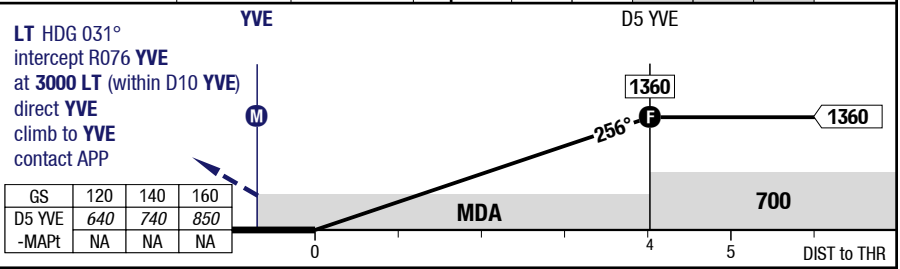
VOR X 25





3	4	5				3.00°
720	*1040*	1360				D YVE 256°

RWY 251°



GS	120	140	160
D5 YVE	*640*	*740*	*850*
-MAPt	NA	NA	NA

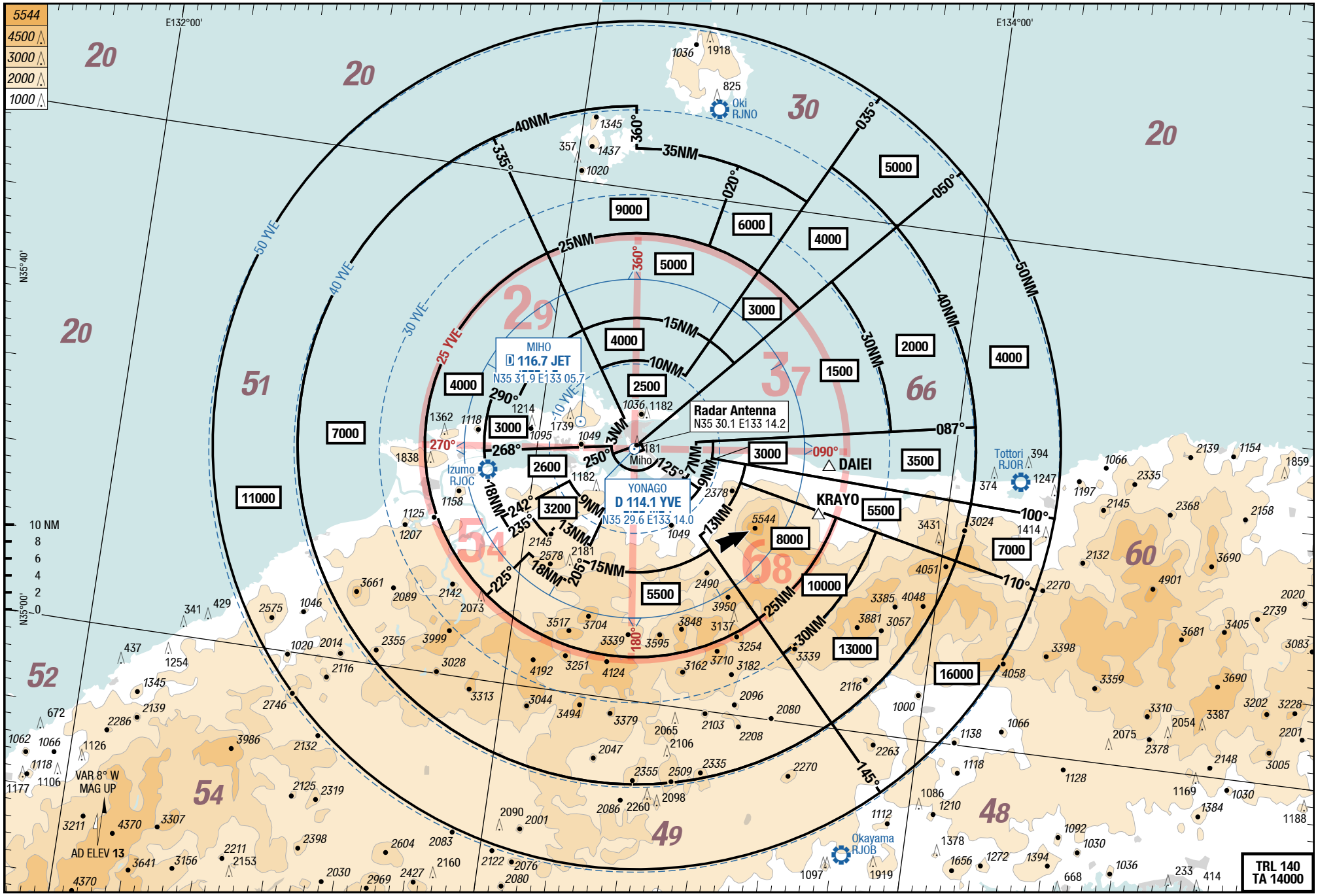
25		VOR DME					Circling TERPS
C	ft - m/km ft	400 - 1.6 **420**					600 - 2.4V **620**
D	ft - m/km ft	400 - 1.6 **420**					700 - 3.6V **720**

Changes: new

Japan **Miho** NIL **MRC**

MRC MRC

Miho Japan NIL **MRC**



Changes: Navaid