

04-FEB-2016

TOY-RJNT

1-10

AOI

AOI

**GENERAL****Operational Hours****ATS Hours:** 2200-1230

Use of AD with PPR, except SKED flights or EMERG.

**Airport Information****RFF:** CAT 9**Fuel:** 2100-1230**PCN:** RWY 02/20: 42/F/A/X/T**Customs:** O/R**Operation****RWY Restriction**

180° turn on RWY for B777-200:

- Proceed along RWY CL to the starting point of RWY turn pad CL marking; then
- Proceed along RWY turn pad CL marking to see the RWY turn pad aiming marker 1 or turning point indicator light 1 on a straight line, then commence turn at the spot where you can see the RWY turn pad aiming marker 2 or turning point indicator light 2 on a straight line at an angle of 9 o'clock. When turning, take 059° or more steering angle.

**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.

**Arrival Procedure****Noise Abatement Procedure:** See CRAR Japan.**DEPARTURE****Take-off Minima**

RWY		02	
All ACFT	ft - m/km	0 - 400V	HJ only
		0 - 800V	HN
RWY		20	
All ACFT	ft - m/km	c200 - 800V	-

**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.

11-FEB-2016

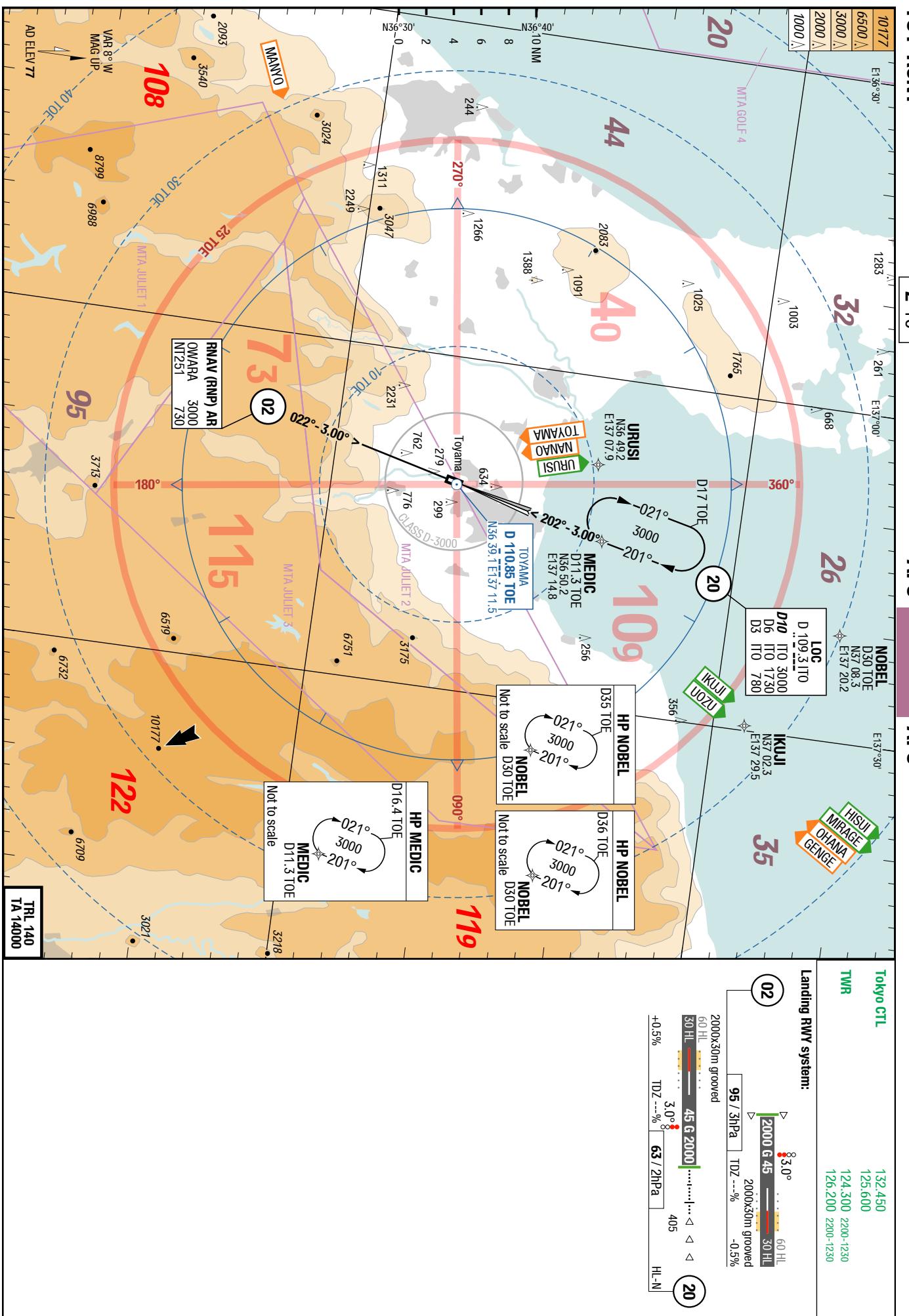
TOY-RJNT

2-10

**Japan Toyama** ACM

AFC

AFC



11-FEB-2016

TOY-RJNT

3-20

Japan Toyama  
AGC  
AGC  
AGC  
AGC  
Toyama Japan

E137°11'

E137°11.5'

TWR

124.300 2200-1230  
126.200 2200-1230

20  
202°  
63

○ Circling Guidance Lights

TOYAMA  
D 110.85 TOE

ARP  
N 36 38.9  
E 137 11.3

2000 G 45

RWY grooving 2000x30m

APRON A

APRON B1

APRON B2

APRON B3

APRON B4

APRON B

H1

H2

T1

T2

COORDINATES

1-3 N36 38.6 E137 11.3  
5, 6 N36 38.7 E137 11.3  
7 N36 38.8 E137 11.3

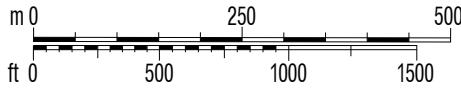
N36.385

N36.385

VAR 8° W  
MAG UP

AD ELEV 77

02  
022°  
95



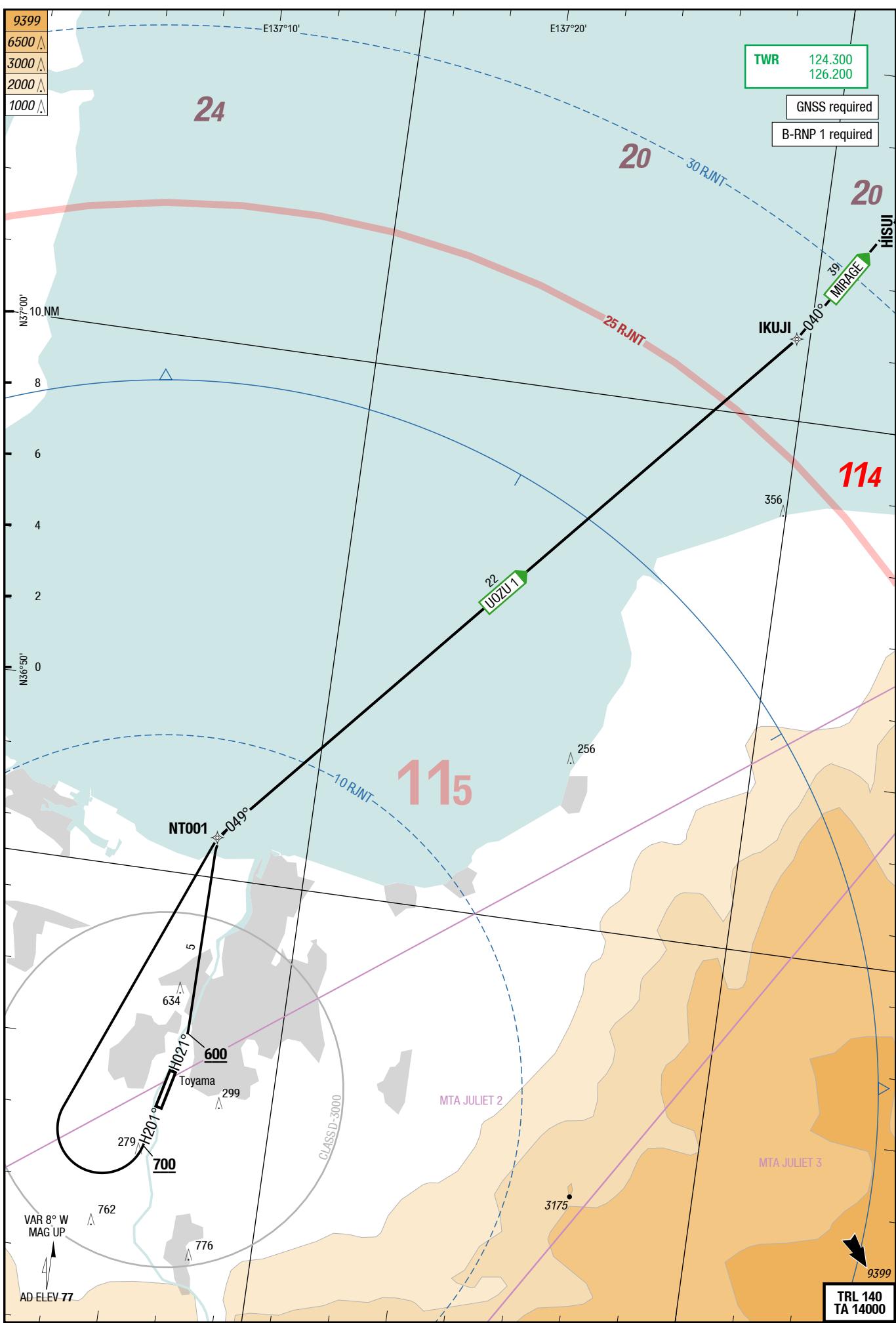
11-FEB-2016  
TOY-RJNT

4-10

Japan Toyama SID  
UOZU 1 RNAV

SID  
SID

Toyama Japan SID  
UOZU 1 RNAV



11-FEB-2016

TOY-RJNT

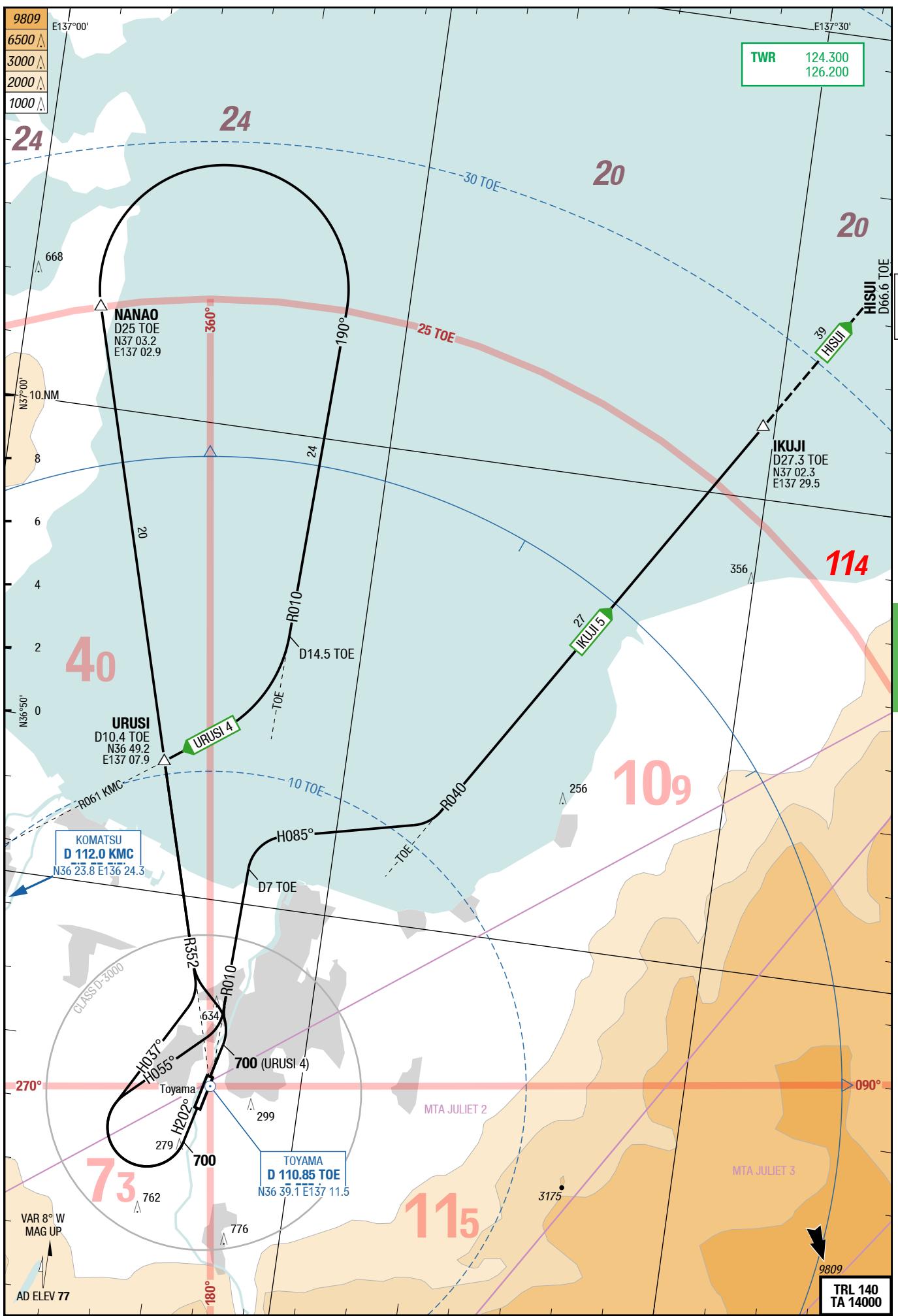
4-20

Japan Toyama

8

9

Toyama Japan



11-FEB-2016

TOY-RJNT

5-10

UOZU 1 RNAV

**UOZU 1 RNAV (RWY 02) / UOZU 1 RNAV (RWY 20)**

RWYs 02 (022°) / 20 (202°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 02</b>	
<b>UOZU 1 RNAV (RWY 02)</b> 5.0% to 600 <b>124.300</b> ①	[A600+] - NT001 - IKUJI	
	<b>TRANSITION</b>	
	<b>MIRAGE</b> IKUJI - HISUI	
	<b>Runway 20</b>	
<b>UOZU 1 RNAV (RWY 20)</b> 5.0% to 2000 <b>124.300</b> ①②	[A700+ ;R] - NT001 - IKUJI	
	<b>TRANSITION</b>	
	<b>MIRAGE</b> IKUJI - HISUI	

- ① Obstacle up to 517ft, 351°/2.8NM from DER.  
 ② Obstacle up to 762ft, 202°/3.8NM from DER.

11-FEB-2016

TOY-RJNT

5-20

SIDs

## IKUJI 5 / URUSI 4

RWYs 02 (022°) / 20 (202°)

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 02</b>	
<b>IKUJI 5 124.300</b>	intercept R010 <b>TOE</b> - at D7 <b>TOE RT HDG 085°</b> - intercept R040 <b>TOE</b> to IKUJI	
	<b>TRANSITION</b>	
	<b>HISUI</b> IKUJI - HISUI	
<b>URUSI 4 4.0% to 1000 124.300 ②</b>	at <b>700 LT</b> intercept R352 <b>TOE</b> - at NANA0 <b>RT</b> intercept R010 <b>TOE</b> inbound - at D14.5 <b>TOE RT</b> intercept R061 <b>KMC</b> inbound to URUSI	
	<b>Runway 20</b>	
<b>IKUJI 5 5.0% to 2000 124.300 ①②</b>	at <b>700 RT HDG 055°</b> - intercept R010 <b>TOE</b> - at D7 <b>TOE RT HDG 085°</b> - intercept R040 <b>TOE</b> to IKUJI	
	<b>TRANSITION</b>	
	<b>HISUI</b> IKUJI - HISUI	
<b>URUSI 4 5.0% to 2000 124.300 ①</b>	at <b>700 RT HDG 037°</b> - intercept R352 <b>TOE</b> - at NANA0 <b>RT</b> intercept R010 <b>TOE</b> inbound - at D14.5 <b>TOE RT</b> intercept R061 <b>KMC</b> inbound to URUSI	

① Obstacle up to 762ft, 202°/3.8NM from DER.

② Obstacle up to 621ft, 345°/2.8NM from DER.

11-FEB-2016

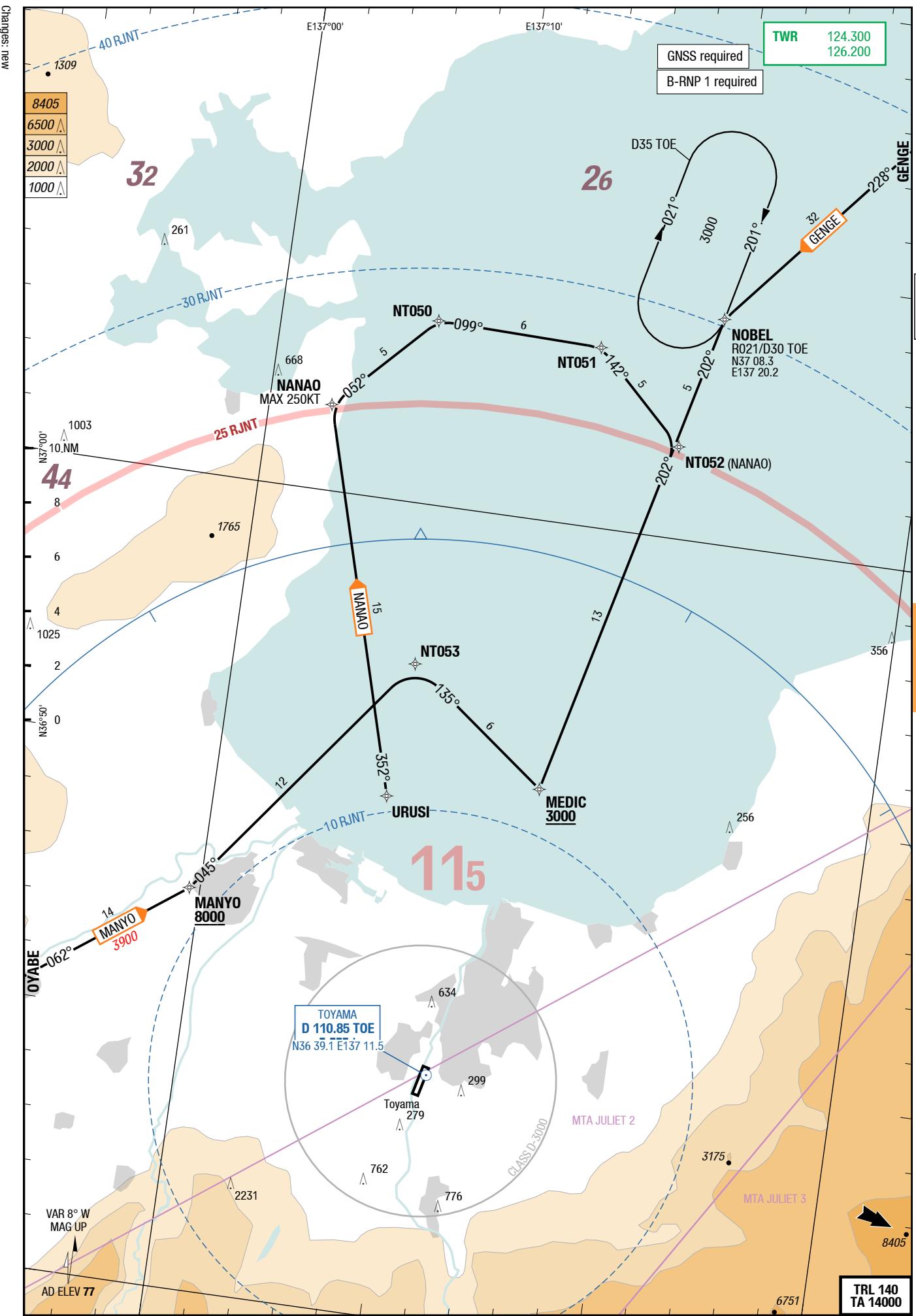
TOY-RJNT

6-10

Japan Toyama  
RNAV STARS

STAR  
STAR

Toyama Japan  
RNAV STARS



11-FEB-2016

TOY-RJNT

6-20

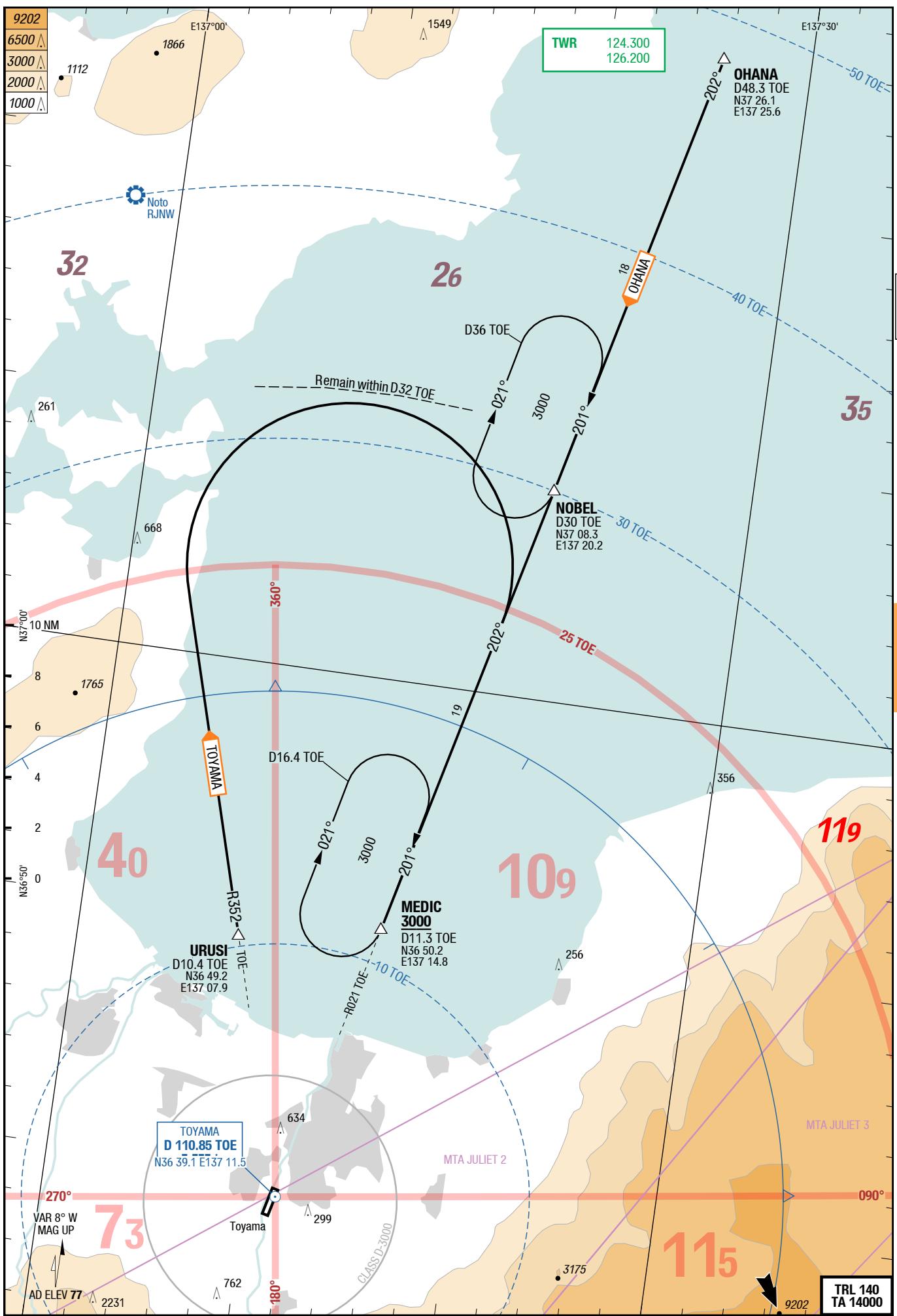
Japan Toyama

STARS

S

STARS

Toyama Japan

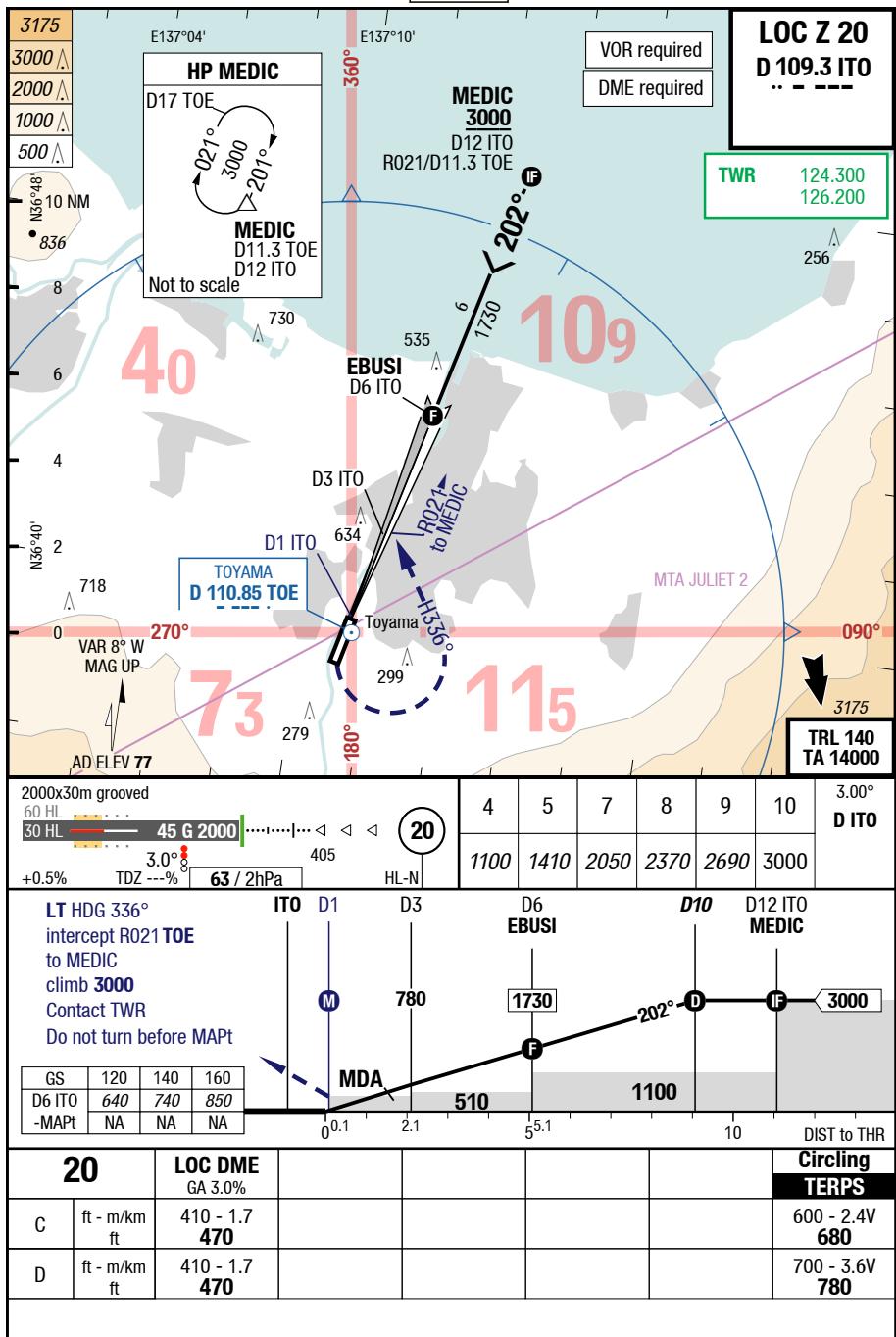


11-FEB-2016

TOY-RJNT

7-10

LOC Z 20

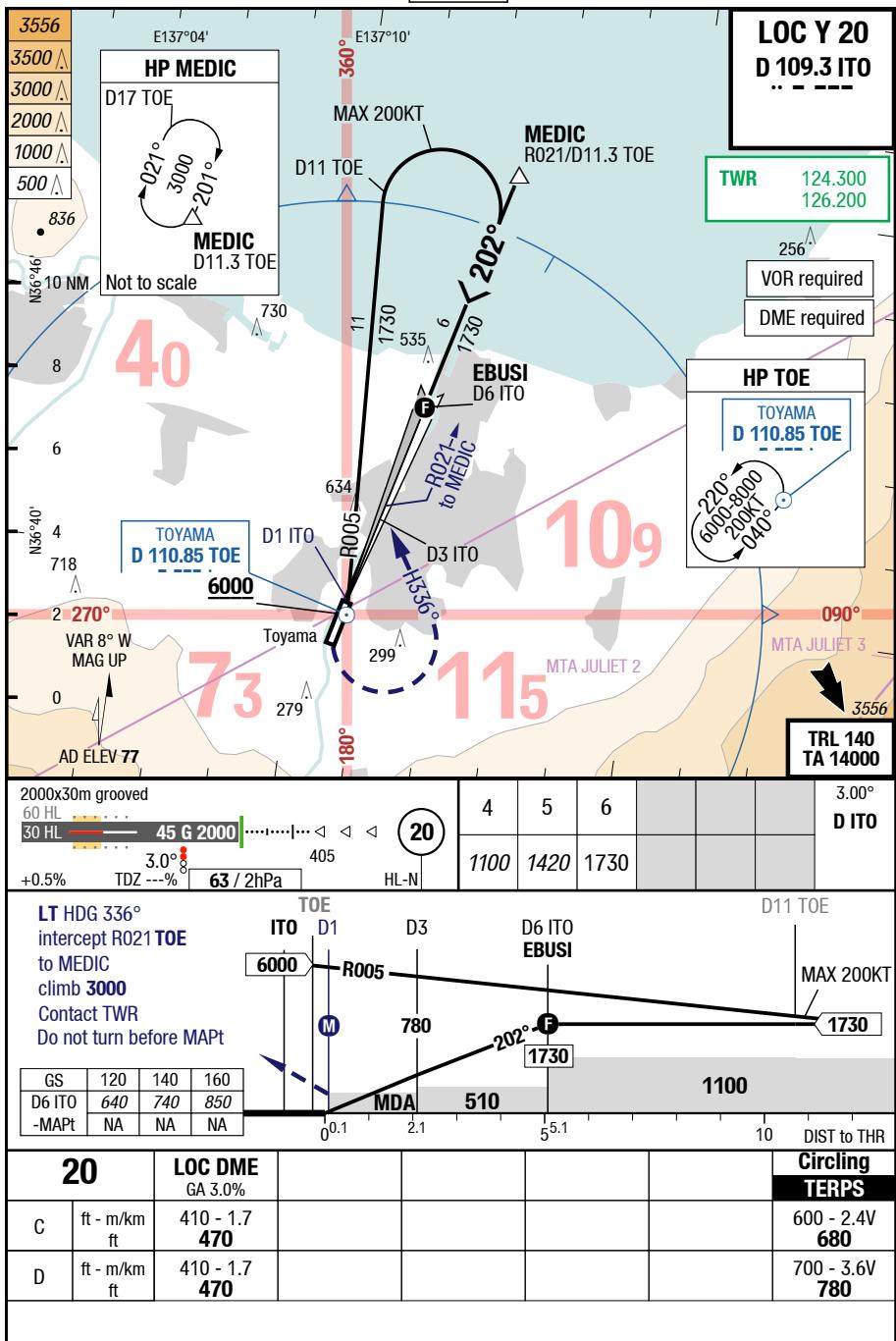


11-FEB-2016

TOY-RJNT

7-20

LOC Y 20

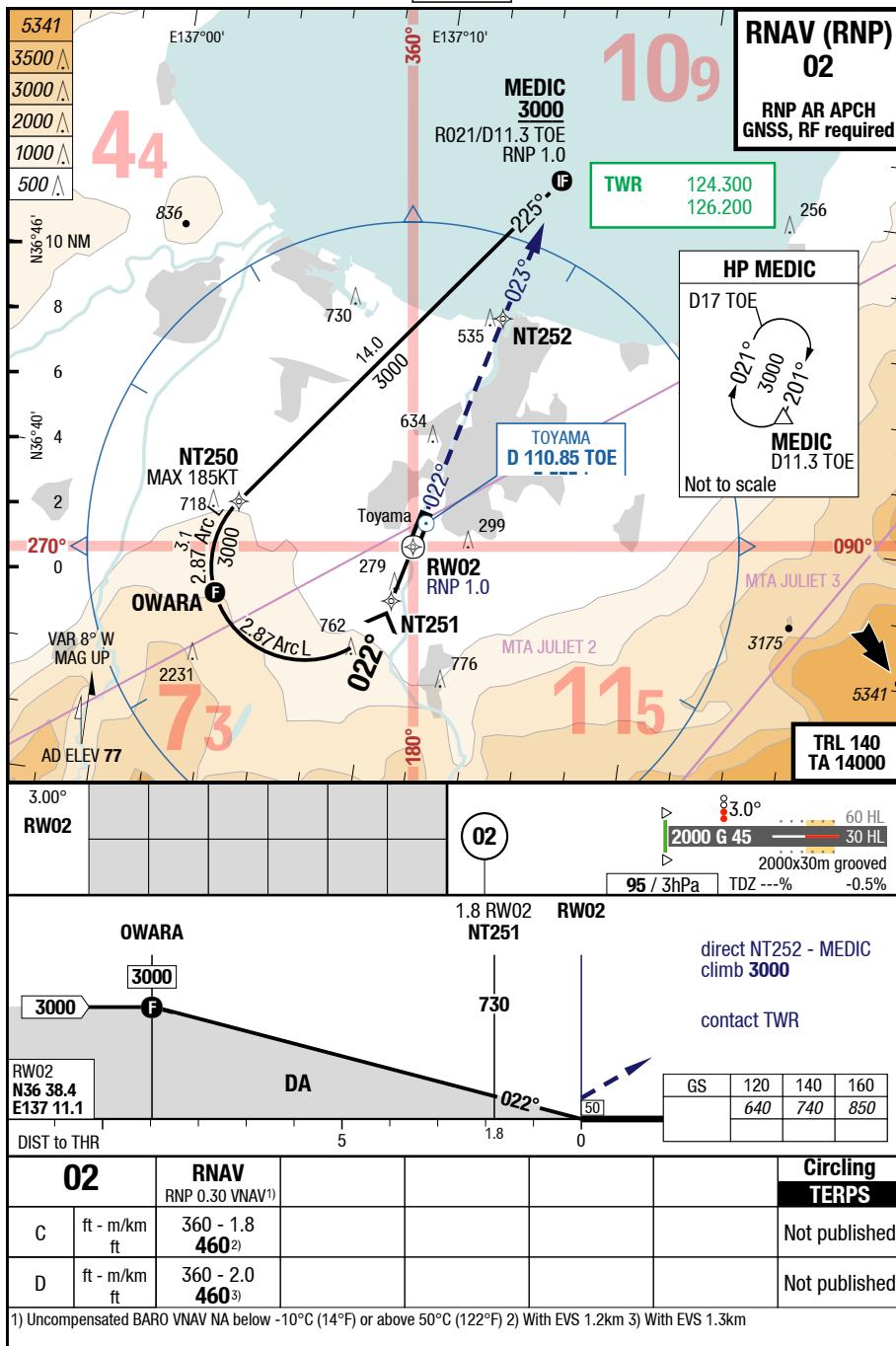


11-FEB-2016

TOY-RJNT

7-30

RNAV (RNP) 02



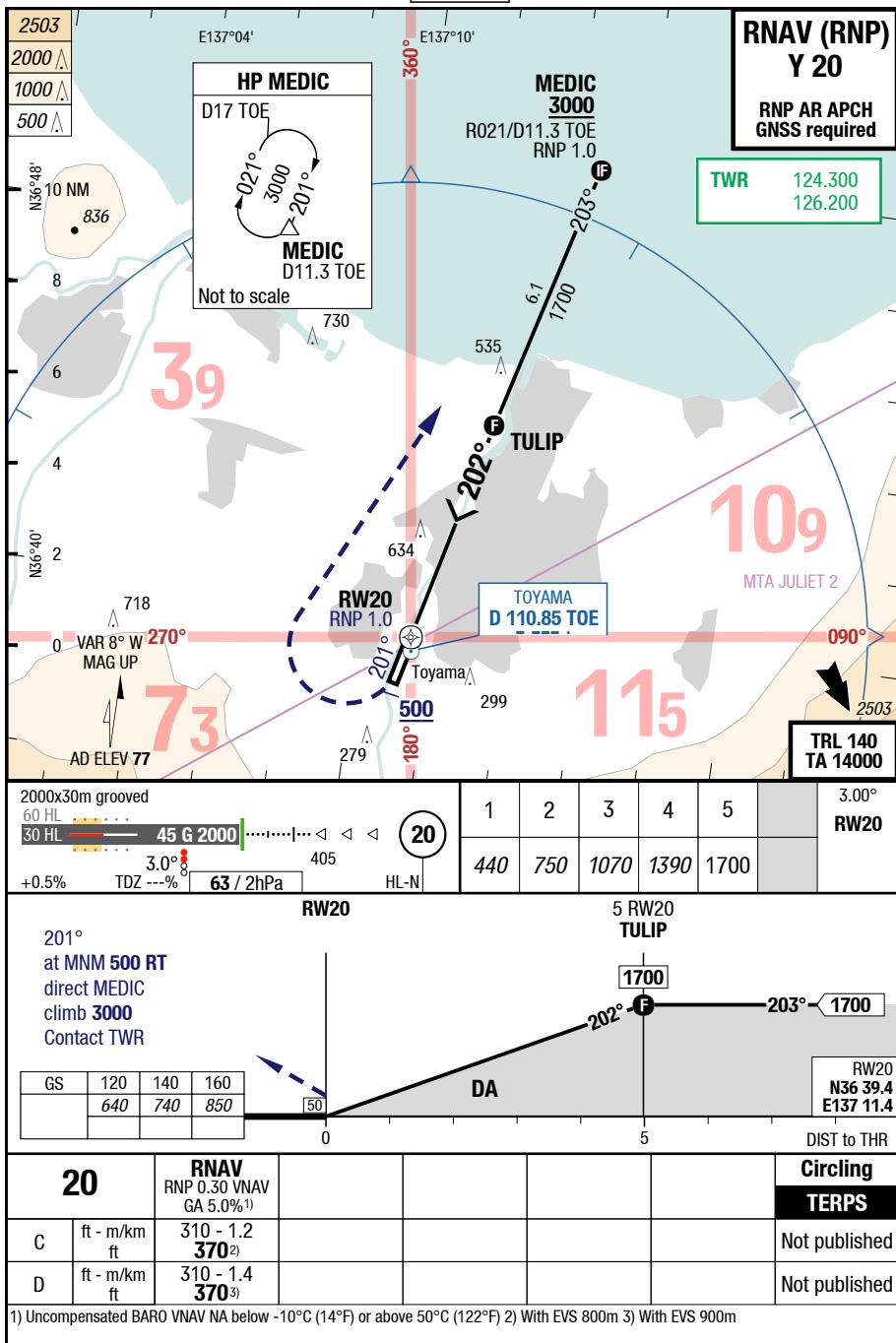
Changes: new

11-FEB-2016

## TOY-RJNT

7-40

## RNAV (RNP) Y 20



Changes: new

11-FEB-2016

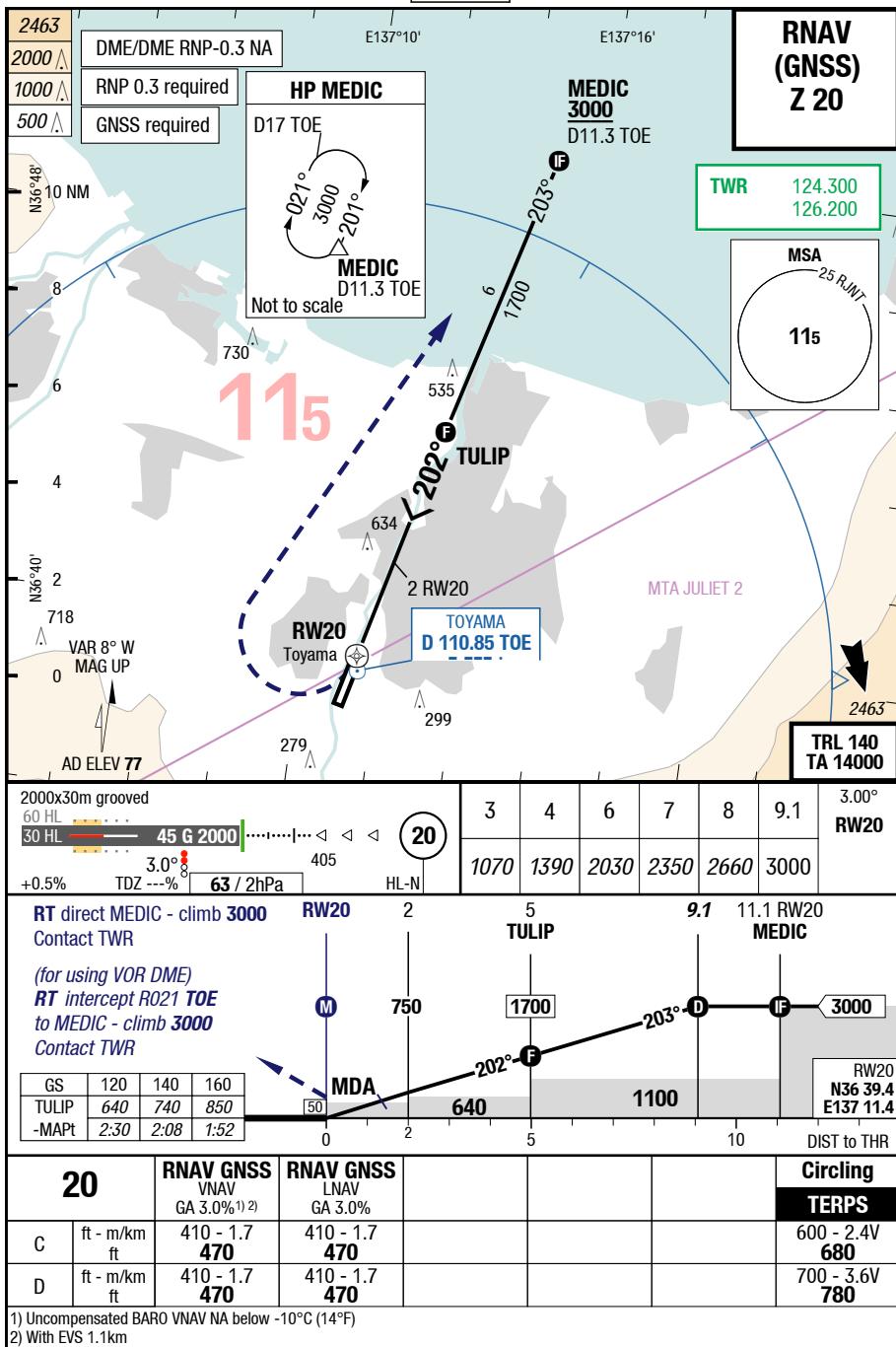
Japan Toyama

IAC

TOY-RJNT

7-50

RNAV (GNSS) Z 20



Changes: new

11-FEB-2016

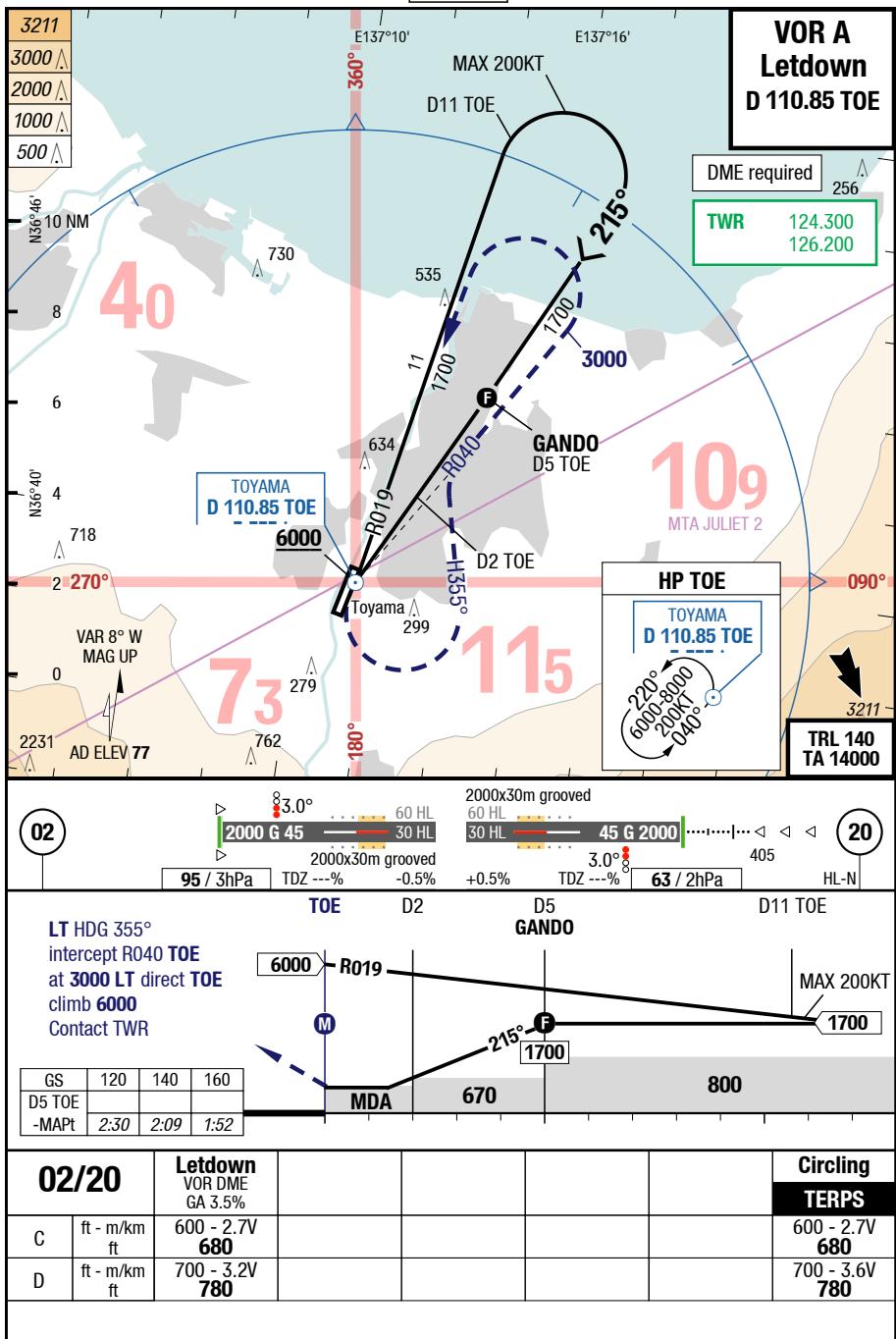
Japan Toyama

TOY-RJNT

7-70

VOR A Letdown

IAC



11-FEB-2016

TOY-RJNT

Japan Toyama

**MRC**

Toyama Japan

MR

8-10

