

04-FEB-2016

MMJ-RJAF

1-10

AOI

AOI

**GENERAL****Operational Hours****ATS Hours:** 2330-0800**Airport Information**

**RFF:** CAT 7  
**PCN:** RWY 18/36: 45/F/B/X/T  
**Customs:** Not AVBL

**Operation****TWY Restriction**

TWY NT width 9m / 30ft, MAX weight 5.7t / 12565lbs.

**Warnings****MBE VOR/DME unusable:**

R060-R070 beyond 25NM below 11000ft.  
 R070-R075 beyond 20NM below 11000ft.  
 R075-R085 beyond 25NM below 11000ft.  
 R085-R095 beyond 15NM below 11000ft.  
 R095-R110 beyond 20NM below 11000ft.  
 R110-R120 beyond 25NM below 13000ft.  
 R220-R235 beyond 25NM below 13000ft.  
 R235-R275 beyond 20NM below 13000ft.  
 R275-R305 beyond 25NM below 13000ft.  
 R305-R335 beyond 20NM below 13000ft.

**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		36	
Multi ENG A, B, C	ft - m/km	0 - 400V	HJ only
		0 - 800V	HN
		Not applicable	-
RWY		18	
Multi ENG A, B, C	ft - m/km	c200 - 1600V	-
		Not applicable	

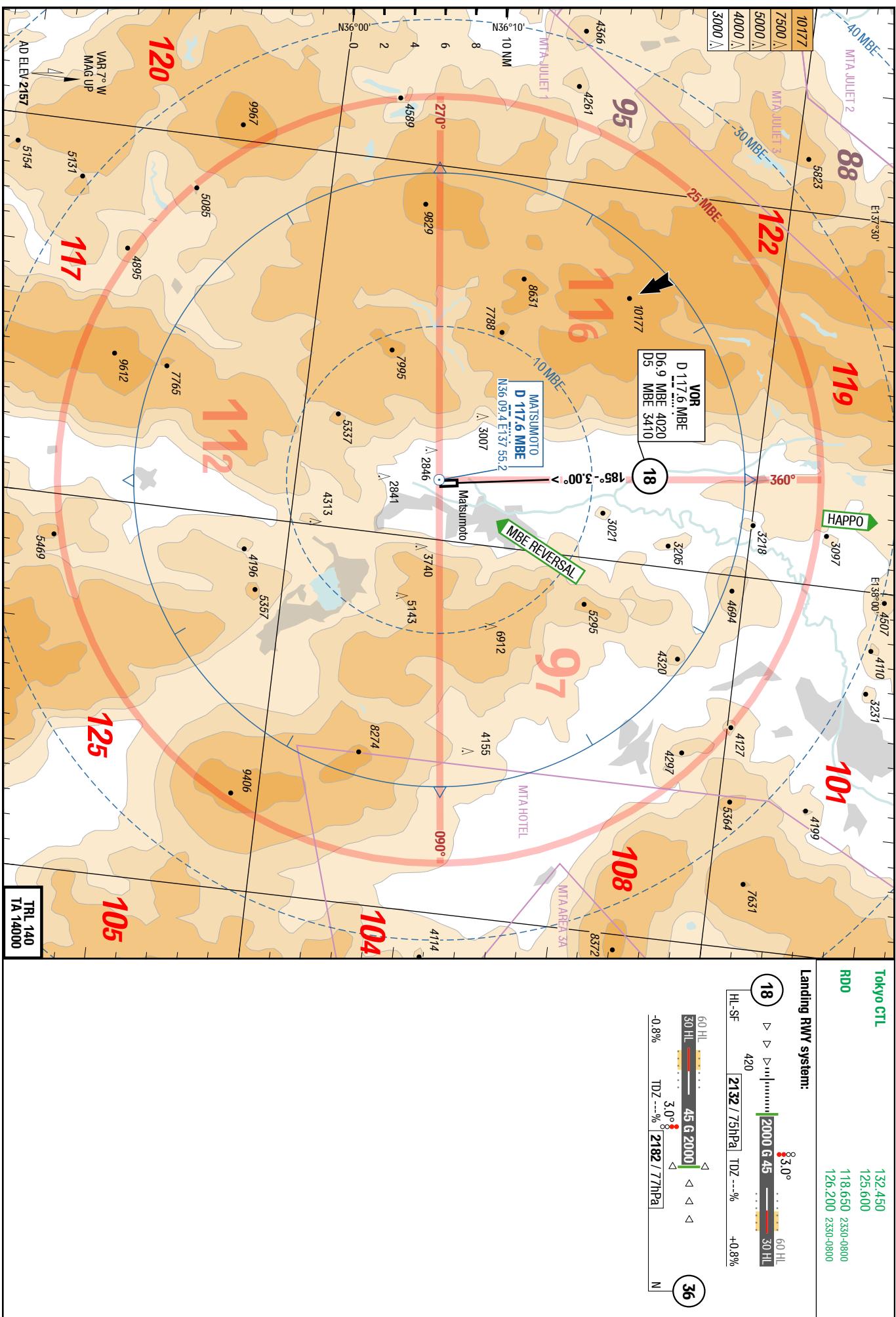
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**MMJ-RJAF****1-20****AOI****AOI****DEPARTURE****Speed**

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.



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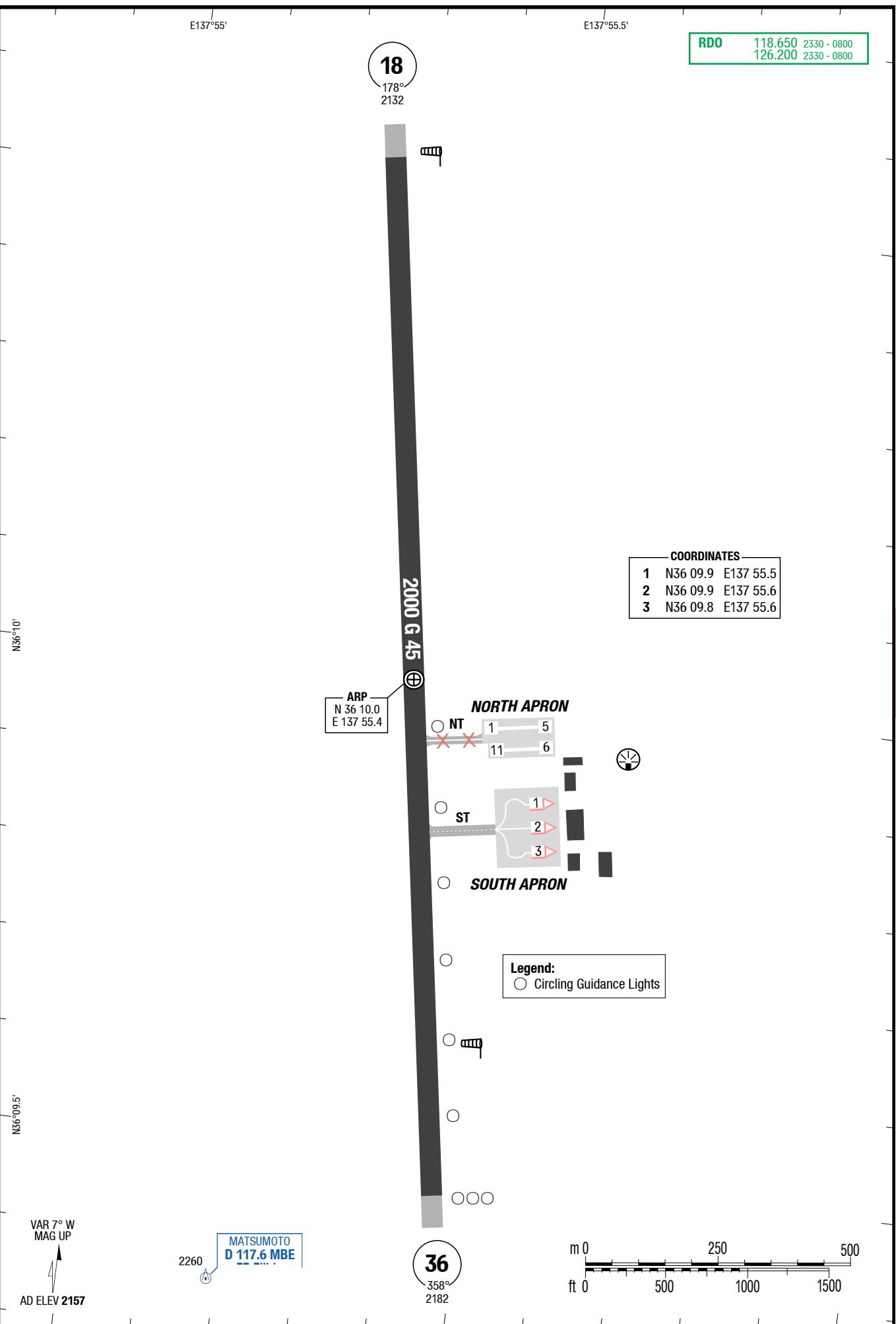
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Japan Matsumoto Matsumoto Japan

AGC AGC  
AGC AGC  
AGC

RDO 118.650 2330 - 0800  
126.200 2330 - 0800

COORDINATES  
1 N36 09.9 E137 55.5  
2 N36 09.9 E137 55.6  
3 N36 09.8 E137 55.6



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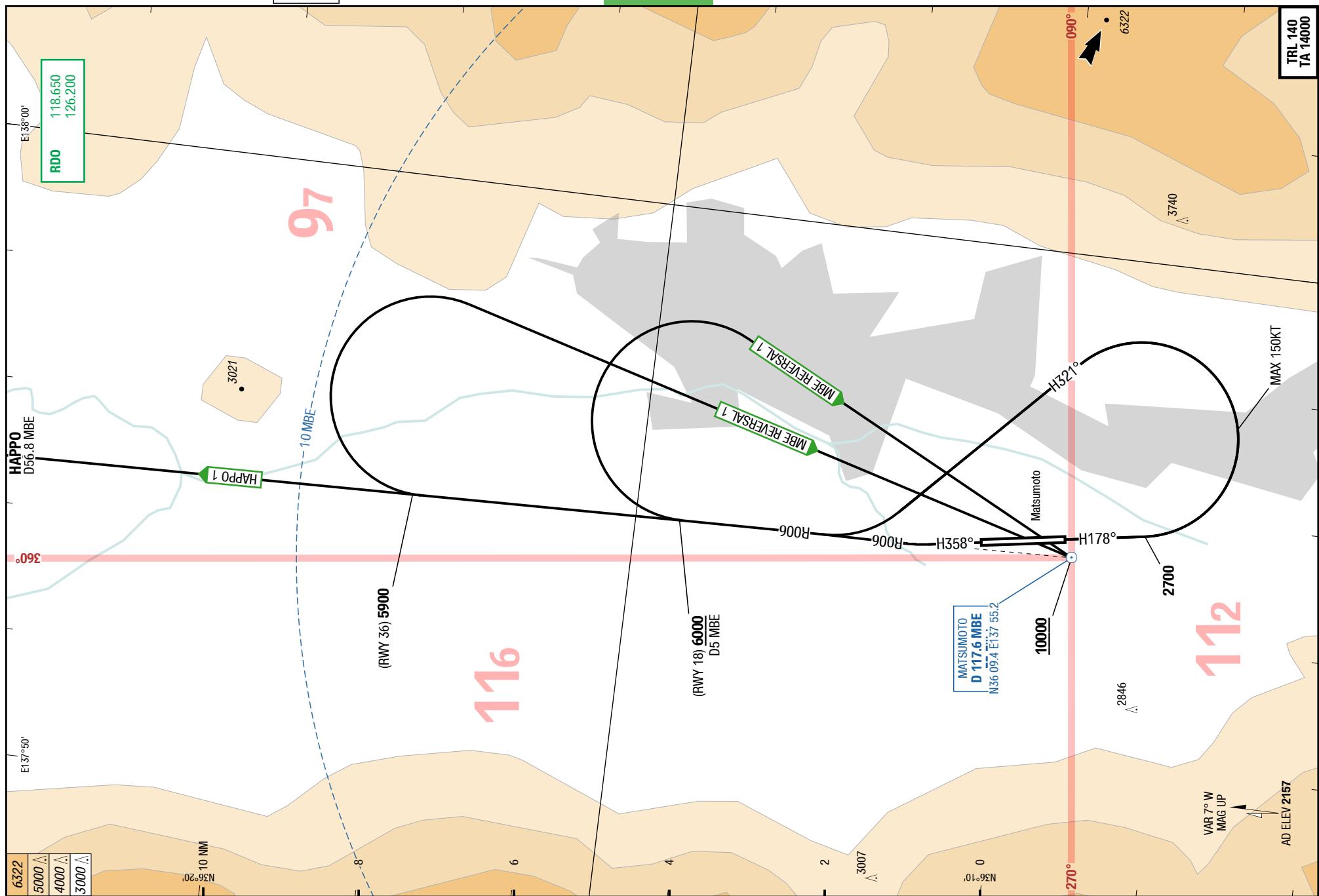
Japan Matsumoto

**SIDs**

Matsumoto Japan

Nil  
IDs

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**MMJ-RJAF****5-10****SIDs****HAPPO 1 / MATSUMOTO REVERSAL 1**

RWYs 18 (178°) / 36 (358°)

	GS	120	150	180	210	240	270
6.6%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 18</b>	
<b>HAPPO 1</b> 6.6% to 4200 <b>118.650</b> ①	HDG 178° - at <b>2700 LT</b> (MAX 150KT) HDG 321° - intercept R006 <b>MBE</b> to HAPPO	
<b>MATSUMOTO</b> <b>REVERSAL 1</b> <b>MBE REVERSAL 1</b> 6.6% to 4200 <b>118.650</b> ①	HDG 178° - at <b>2700 LT</b> (MAX 150KT) HDG 321° - intercept R006 <b>MBE</b> - at D5 <b>MBE RT</b> direct <b>MBE</b>	R006/D5 <b>MBE MNM 6000</b> <b>MBE MNM 10000</b>
	<b>Runway 36</b>	
<b>HAPPO 1</b> <b>118.650</b>	HDG 358° - intercept R006 <b>MBE</b> to HAPPO	
<b>MATSUMOTO</b> <b>REVERSAL 1</b> <b>MBE REVERSAL 1</b> <b>118.650</b>	HDG 358° - intercept R006 <b>MBE</b> - at <b>5900 RT</b> direct <b>MBE</b>	<b>MBE MNM 10000</b>

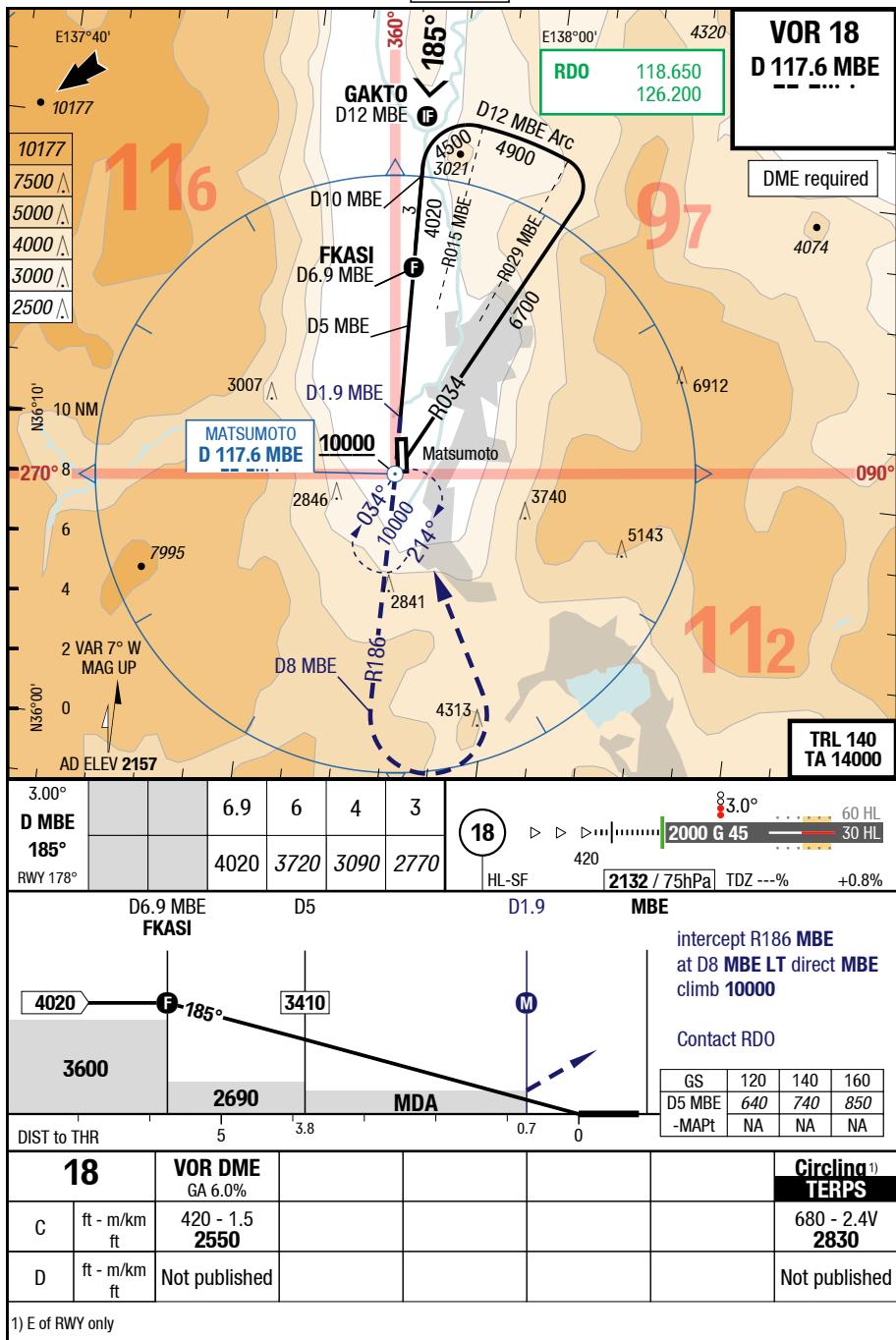
① OBST up to 3740ft, 111°/4.4NM from DER.

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VOR 18

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Changes: new

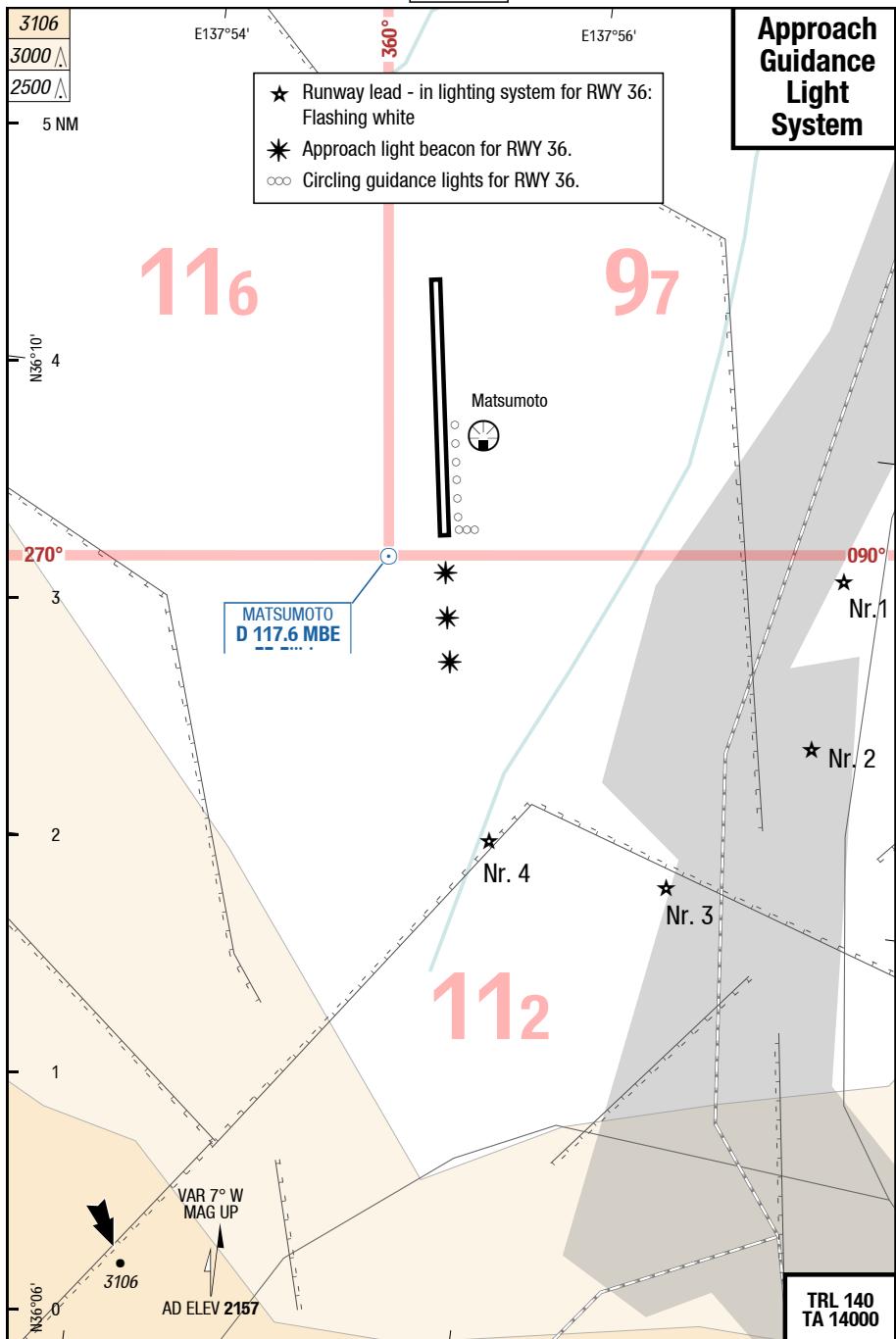
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Visual 36

VAC



Changes: new

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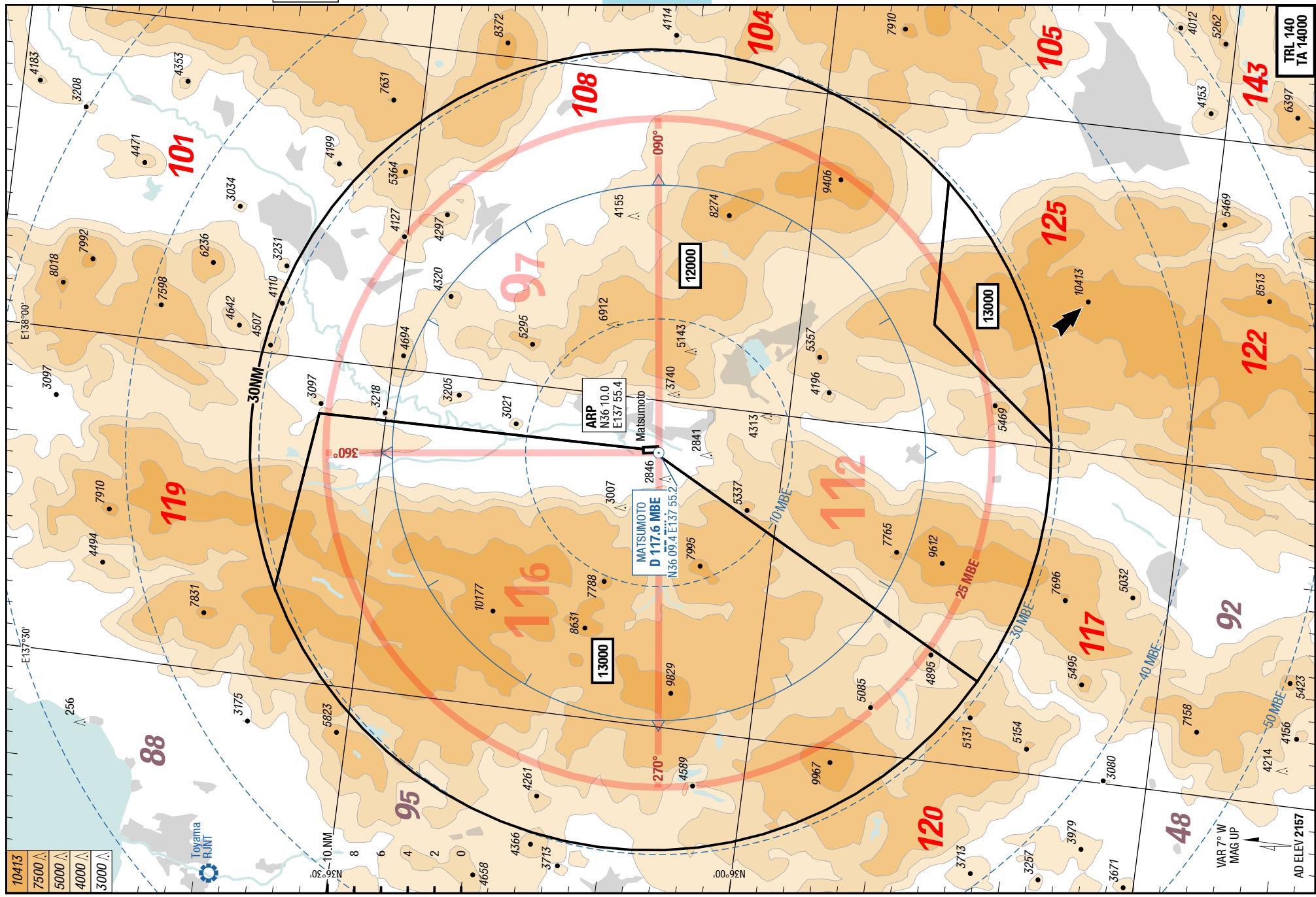
Japan Matsumoto

Matsumoto Japan

**MRC**

MR

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## Changes: new