AD 2 AERODROMES

RJOB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJOB - OKAYAMA

RJOB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*344525N/1335119E* 059°/1.5km FM RWY 07 THR
2	Direction and distance from (city)	11.5km(6.2nm) NW of Okayama Station (Japan Railway)
3	Elevation/ Reference temperature	785ft / 32°C(2010-2014)
4	Geoid undulation at AD ELEV PSN	117ft
5	MAG VAR/ Annual change	8°W(2015) / 4'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Okayama Pref Public AP. 1277 Nichiouji, Kita-ku, Okayama-shi, Okayama Pref. Tel : 086-294-5550 Fax : 086-294-4178 E-mail : kukokanri@pref.okayama.lg.jp Web site : http://www.pref.okayama.jp/doboku/kukokanri/kukokanri.htm
7	Types of traffic permitted (IFR/ VFR)	IFR/VFR
8	Remarks	Okayama airport branch 1277 Nichiouji, Kita-ku, Okayama-shi, Okayama Pref. Tel : 086-294-2326 Fax : 086-294-4351

RJOB AD 2.3 OPERATIONAL HOURS

1	AD Administration	2200 - 1300
2	Customs and immigration	Customs: 2230-1230 Immigration: INTL SKED FLT hours only
3	Health and sanitation	Quarantine(human): 2330-1230 Quarantine(animal): 2330-0800 EXC FRI 2330-SUN 0800 and HOL Quarantine(plant): INTL SKED FLT hours only
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (KANSAI)
7	ATS	2200 - 1300
8	Fuelling	2200 - 1300
9	Handling	Nil
10	Security	Nil
11	De-icing	Nil
12	Remarks	Nil

RJOB AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	AVBL up to B747-400 aircraft
2	Fuel/ oil types	JET A-1
3	Fuelling facilities/ capacity	Fuel truck refueling
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Fueling spot 1, 1A, 1B, 2, 3, 5, 5B, 6, 6B, 7, 7B, 8 only

RJOB AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil
2	Restaurants	At airport, not continuous
3	Transportation	Busses and Taxis
4	Medical facilities	In Okayama city
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

RJOB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 9
2	Rescue equipment	Fire fighting truck x 3, Pumper truck x 1, Medical truck x 1
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

RJOB AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Antifreezing agent spreader x 2, Motor grader x 2, Tractor shovel x 2
2	Clearance priorities	Nil
3	Remarks	Seasonal availability : mid DEC - mid MAR

RJOB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Spot 1-8 Surface : Cement-concrete, Strength : PCN 62/R/B/X/T Spot11-15 Surface : Asphalt-concrete, Strength : AUW 5700kg/0.28Mpa Spot21 Surface : Asphalt-concrete, Strength : PCN 12/F/B/X/T
2	Taxiway width, surface and strength	T1,T7 Width : 26.5m, Surface : Asphalt-concrete, PCN 63/F/B/X/T T2,T3,T5,T6 Width : 30m, Surface : Asphalt-concrete, PCN 58/F/A/X/T T4 Width : 30m, Surface : Asphalt-concrete,PCN 63/F/B/X/T P1,P3,P4,P5,P6 Width : 23m, Surface : Asphalt-concrete, PCN 63/F/B/X/T P2 Width : 23m, Surface : Asphalt-concrete, PCN 58/F/A/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1 : *344533.14N/1335108.77E* 1A : *344532.89N/1335108.12E* 1B : *344533.56N/1335109.49E* 2 : *344534.36N/1335111.41E* 3 : *344535.52N/1335113.78E* 5 : *344536.66N/1335115.93E* 5B : *344536.45N/1335116.47E* 6 : *344537.56N/1335117.63E* 6B : *344537.89N/1335118.31E* 7 : *344538.21N/1335118.96E* 7B : *344538.56N/1335119.69E* 8 : *344538.88N/1335120.33E*
6	Remarks	Nil

RJOB AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY:RWY07/25 (Marking) RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RENL, WBAR(RWY07), RTZL(RWY07) TWY: (Marking) TWY CL, TWY side stripe, RWY HLDG PSN, Mandatory instruction (LGT) TWY edge LGT, TWY CL LGT, RWY guard LGT(T1-T7), Taxiing guidance sign(T1-T7)
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

RJOB AD 2.10 AERODROME OBSTACLES

RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Nil					

RJOB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	KANSAI
2	Hours of service MET Office outside hours	H24 (KANSAI)
3	Office responsible for TAF preparation Periods of validity	KANSAI 30 Hours
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at KANSAI
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S_6, U_{85}, U_7, U_5, U_3, U_{25}, U_2/T_r, P_S, P_5, P_3, P_{25}, P_{SWE}, P_{SWF}, P_{SWG}, P_{SWI}, P_{SWM}, P_{SW}(domestic), E, C, W_E, W_F, W_G, W_I, W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	TWR
10	Additional information(limitation of service, etc.)	Nil

RJOB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
07	059.23°	3000×45	PCN 63/F/B/X/T Asphalt-Concrete	*344500.07N 1335028.89E* 117.1ft	THR ELEV : 806ft TDZ : 805.9ft
25	239.23°	3000×45	PCN 63/F/B/X/T Asphalt-Concrete	*344549.88N 1335210.24E* 117.3ft	THR ELEV : 804ft

Slope of RWY	Strip Dimensions(M)	RESA (Overrun) Dimensions (M)	Remarks
7	10	11	14
See AD2.24 AD chart	3120×300 3120×300	190×(MNM:160 MAX:300)* 40×280 *For detail, ask airport administrator	RWY Grooving:3000×30m

RJOB AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
07 25	3000 3000	3000 3000	3000 3000	3000 3000	Nil Nil

RJOB AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
07	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0°/LEFT 413m 66ft	900m	3000m 30m Coded color (White/Red) LIH	3000m 60m Coded color (White/Yellow) LIH	Red	Nil (*1)
25	SALS 420m LIH	Green	PAPI 3.0°/LEFT 511.6m 74ft	Nil	3000m 30m Coded color (White/Red) LIH	3000m 60m Coded color (White/Yellow) LIH	Red	Nil (*1)
Remarks								
10								
Overrun area edge LGT(LEN:60m Color:Red)(*1) CGL for RWY 25								

RJOB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: *344544N/1335120E*, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometer : RWY 07 : 45m away from RWY 07 THR, 220.5m N of RCL. RWY 25 : 250m inside from RWY 25 THR, 120m S of RCL.
3	TWY edge and center line lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply / switch-over time	Within 1 sec : RCLL, REDL, RTHL, RENL, WBAR, Overrun area edge LGT Within 15 sec : Other LGT
5	Remarks	WDI LGT

RJOB AD 2.16 HELICOPTER LANDING AREA

Nil

RJOB AD 2.17 ATS AIRSPACE

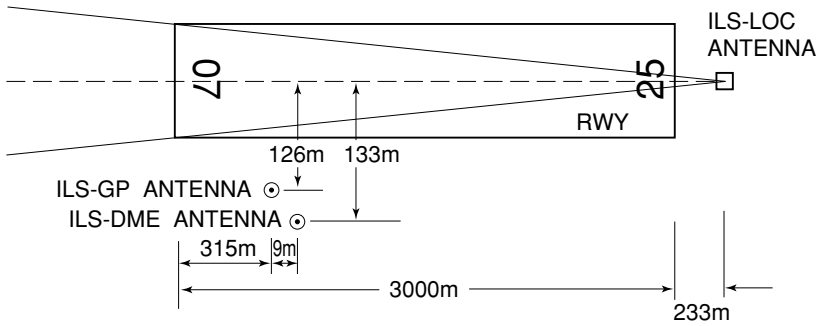
Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
OKAYAMA CTR	Area within a radius of 5nm of OKAYAMA ARP(*34°45'N/133°51'E*)	3000 or below	D	OKAYAMA TOWER En	

RJOB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP/ASR	Kansai Approach/ Kansai Radar	121.2MHz(1) 120.4MHz 261.2MHz 121.5MHz(E) 243.0MHz(E)	2200 - 1300	(1) Primary APP Service Provided by Kansai APP
DEP	Kansai Departure	120.4MHz 121.2MHz 261.2MHz 121.5MHz(E) 243.0MHz(E)	2200 - 1300	
TWR	Okayama Tower	124.3MHz(1) 126.2MHz	2200 - 1300	(1)Primary

RJOB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (8°W/2016)	OYE	111.0MHz	H24	*344501.38N/ 1335006.20E*		
DME	OYE	1008MHz (CH-47X)	H24	*344501.38N/ 1335006.20E*	880ft	
ILS-LOC 07	IOY	110.3MHz	2200-1300	*344553.74N/ 1335218.11E*		LOC:233m(764ft) away FM RWY 25 THR, BRG(MAG) 067°
ILS-GP 07	-	335.0MHz	2200-1300	*344501.76N/ 1335042.01E*		GP:315m(1034ft) inside FM RWY 07 THR, 126m(413ft) S of RCL. HGT of ILS REF datum 16.5m(54ft) GP angle 3.0°
ILS-DME 07	IOY	1001MHz (CH-40X)	2200-1300	*344501.70N/ 1335042.50E*	819ft	DME:324m(1063ft) inside FM RWY 07 THR, 133m(436ft) S of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.



REMARKS :
1. ILS - LOC beam BRG(MAG) 067°
2. HGT of ILS REF datum 16.5m(54ft)
3. ILS - GP Angle 3.0°
4. ELEV of ILS - DME 249.5m(819ft)

RJOB AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

1.Wing tip clearance at the TWY intersection (REF AD1.1.6.8)

Wing tip clearance at the TWY intersection between the aircraft holding at the stop marking on the TWY and the other aircraft taxiing behind it are as follows.

When B772 holding at the stop marking on TWY T2 or T6

Wing Span (WS) of aircraft taxiing on TWY P1-P2 or P5-P6	WS =<14.6m	WS >14.6m
Wing tip clearance	*B	*C

Legend:
*A : wing tip clearance >= 15m
*B : 10.5m =< wing tip clearance < 15m
*C : wing tip clearance < 10.5m

7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

10. Remarks

Nil

RJOB AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJOB AD 2.22 FLIGHT PROCEDURES

1.TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	07	A, B, C, D	400m	400m	400m	400m	-	500m
	25	A, B, C, D	-	400m	-	400m	-	500m
OTHER	07	A, B, C, D	AVBL LDG MINIMA					
	25							

2. Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with Kansai Approach/Radar are lost for 1 minute, squawk Mode A/3 Code 7600 and;

(I) 1. Contact Okayama Tower.

2. If unable, proceed in accordance with Visual Flight Rules.

3. If unable,

(1)When the aircraft is at or above 4,000ft,
proceed to Kibi VOR/DME maintaining the last assigned altitude or 4,000ft whichever is higher and execute instrument approach.

(2)When the aircraft is below 4,000ft,
a. and established on a segment of the Instrument Approach Procedure, execute that Instrument Approach.
b. and not yet established on a segment of the Instrument Approach Procedure, climb and maintain 4,000ft and proceed to Kibi VOR/DME and execute instrument approach.

(II) Procedures other than above will be issued when situation required.

RJOB AD 2.23 ADDITIONAL INFORMATION

Nil

RJOB AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Aerodrome Obstacle Chart - ICAO type A (RWY07)
Aerodrome Obstacle Chart - ICAO type A (RWY25)
Aerodrome Obstacle Chart - ICAO type B
Standard Departure Chart - Instrument (KIBI)
Standard Departure Chart - Instrument (CHIZU)
Standard Departure Chart - Instrument (MIYAZU TRANSITION)
Standard Departure Chart - Instrument (OLIVE-RNAV)
Standard Departure Chart - Instrument (WASYU-RNAV)
Instrument Approach Chart (ILS Z RWY07)
Instrument Approach Chart (ILS Y RWY07)
Instrument Approach Chart (LOC RWY07)
Instrument Approach Chart (VOR RWY07)
Instrument Approach Chart (VOR RWY25)
Instrument Approach Chart (RNP Z RWY07 (AR))
Instrument Approach Chart (RNP Y RWY07 (AR))
Instrument Approach Chart (RNP Z RWY25 (AR))
Instrument Approach Chart (RNP Y RWY25 (AR))
Other Chart (Visual REP)
Other Chart (LDG Chart)
Other Chart (MVA Chart)

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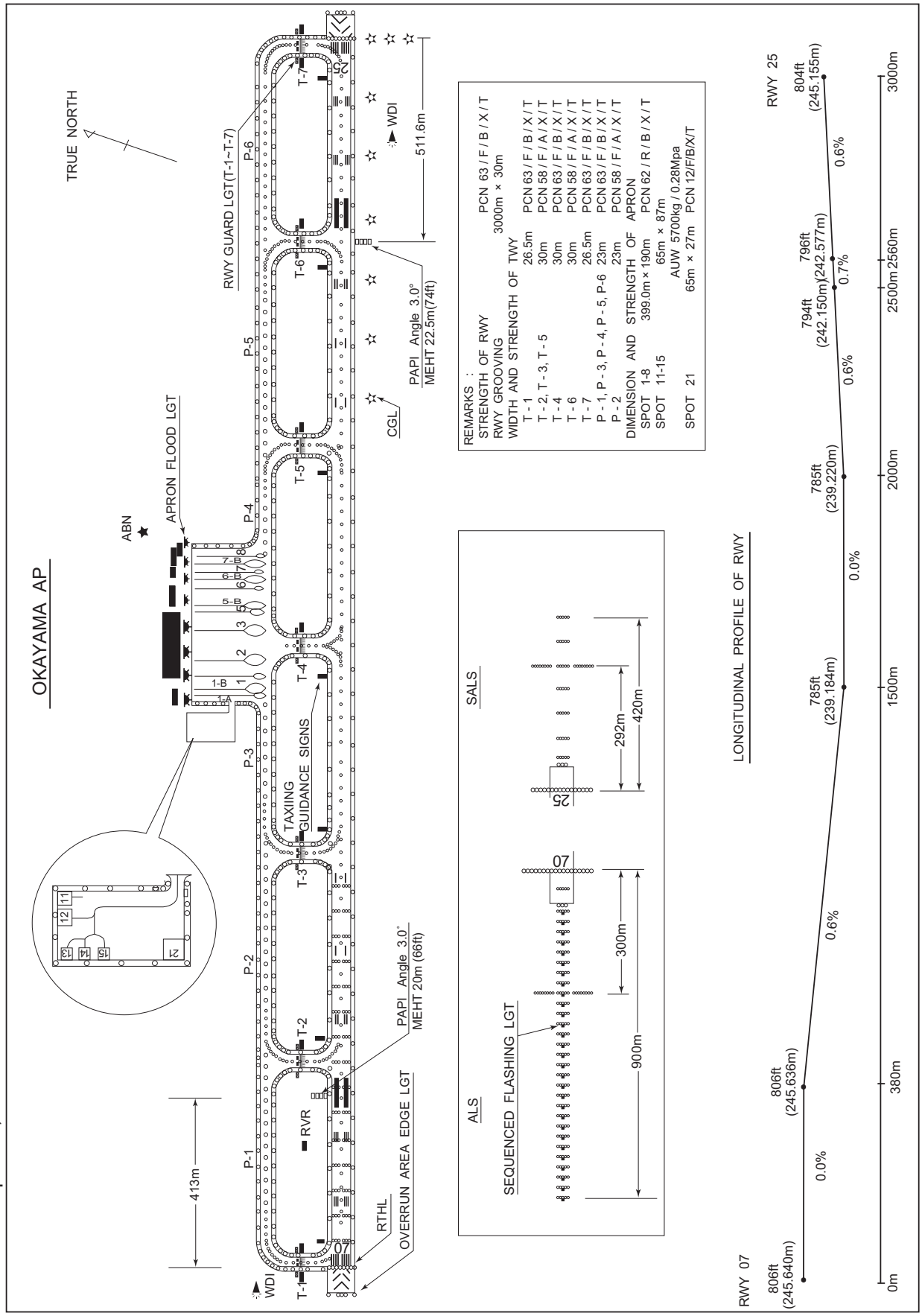
RJOB / OKAYAMA

AD CHART



CHANGE : Spot 1A, 1B installed.

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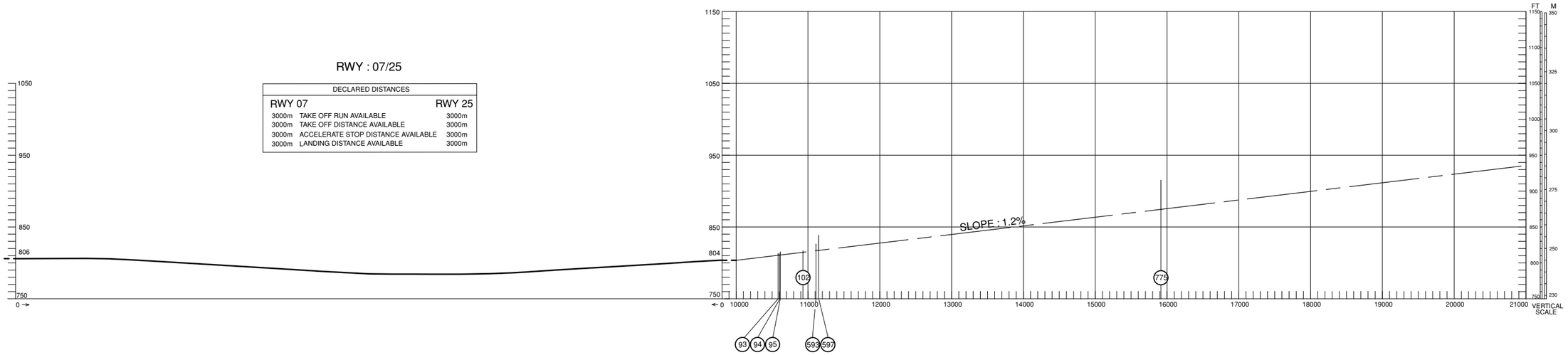
AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

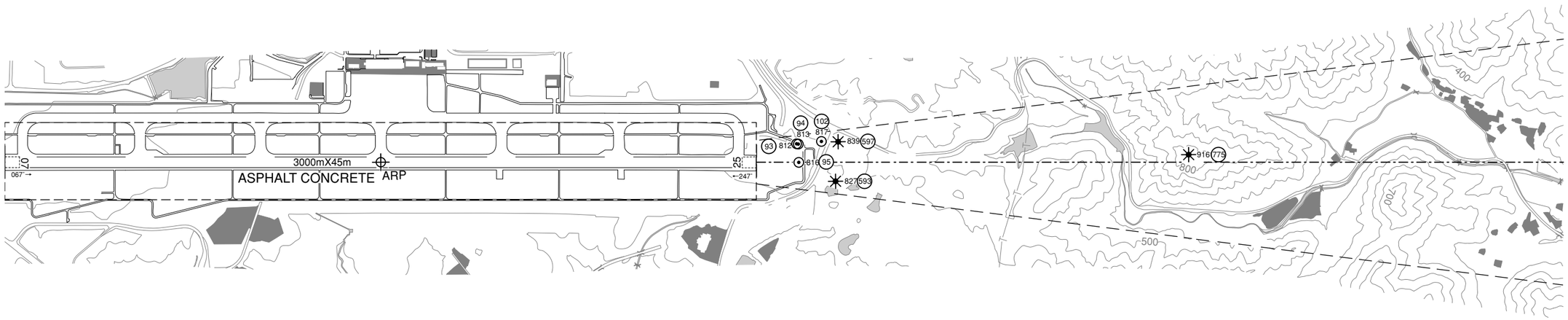
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 8° W-MAR 2017

RWY : 07/25

DECLARED DISTANCES		
RWY 07		RWY 25
3000m	TAKE OFF RUN AVAILABLE	3000m
3000m	TAKE OFF DISTANCE AVAILABLE	3000m
3000m	ACCELERATE STOP DISTANCE AVAILABLE	3000m
3000m	LANDING DISTANCE AVAILABLE	3000m





LEGEND

- IDENTIFICATION NUMBER
- POLE, TOWER, SPIRE, ANTENNA, ETC.
- TREE
- LEVEE
- RAILROAD
- RIVER
- TRANSMISSION LINE OR OVERHEAD CABLE
- TRIANGULATION POINT
- AERONAUTICAL GROUND LIGHT

AMENDMENT RECORD		
Nr	DATE	ENTERED BY

HORIZONTAL SCALE

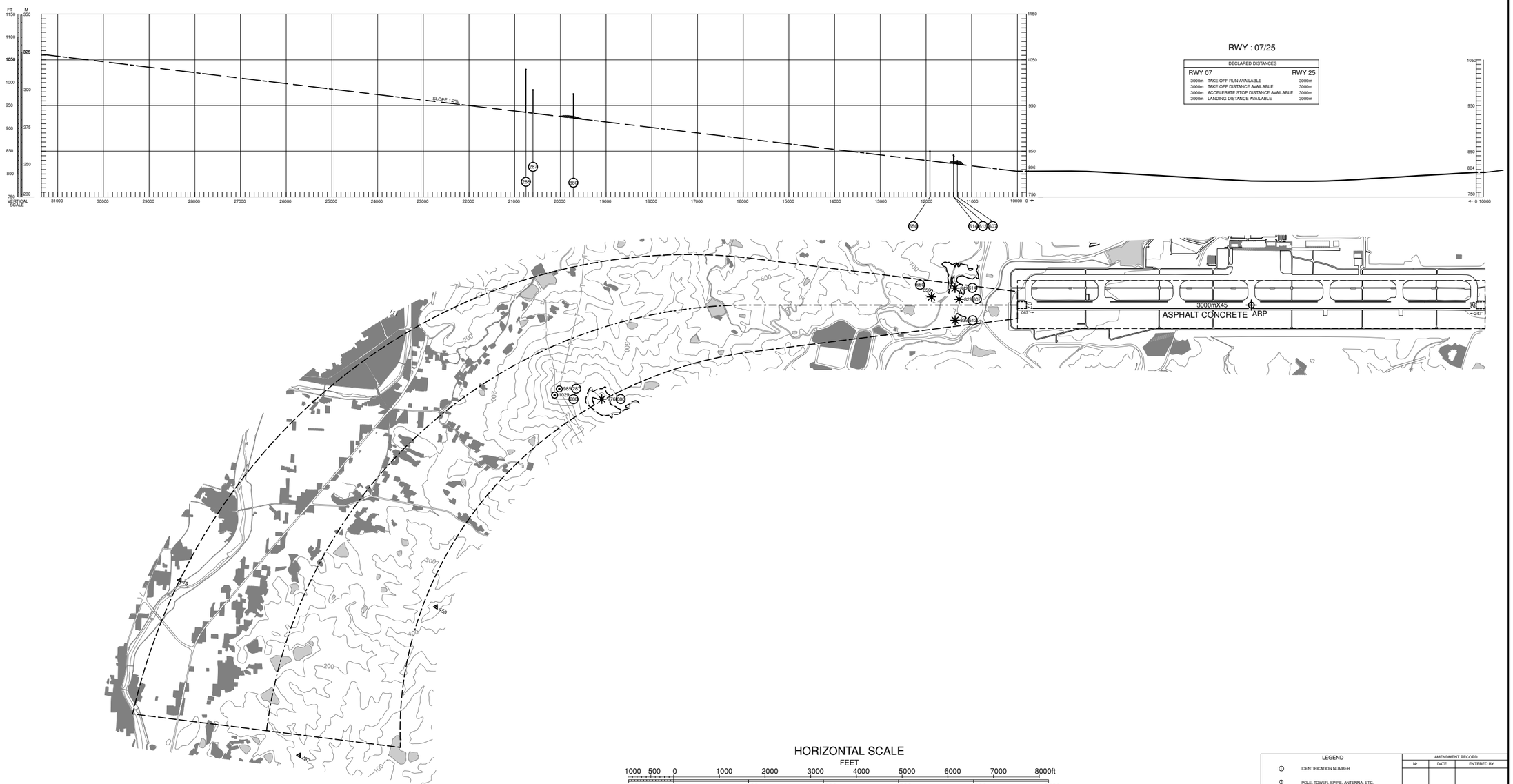
FEET: 1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000ft

METRES: 300 0 500 1000 1500 2000 2500m

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

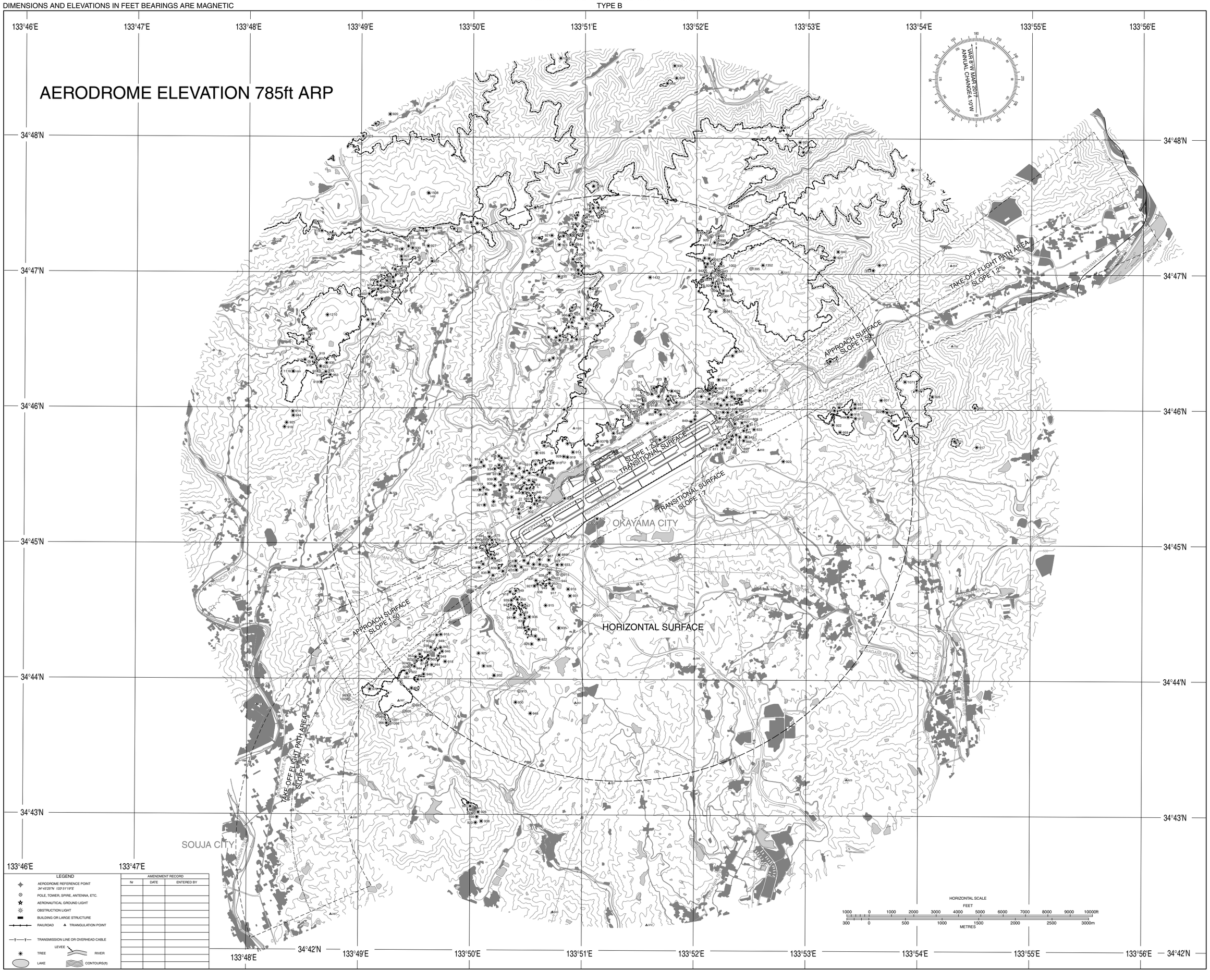
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 8˚ W-MAR 2017



AERODROME OBSTACLE CHART-ICAO
TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC



STANDARD DEPARTURE CHART - INSTRUMENT

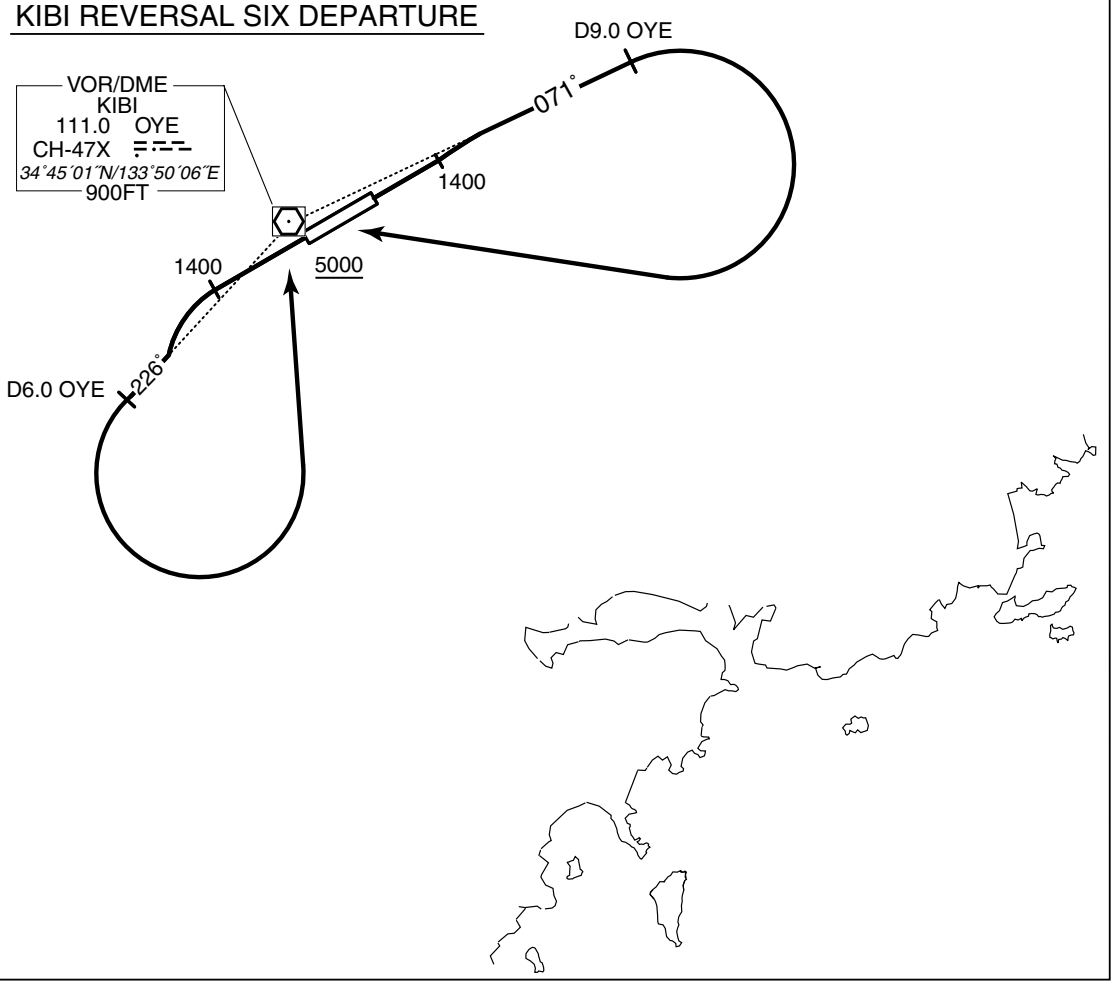
RJOB / OKAYAMA SID

KIBI REVERSAL SIX DEPARTURE

RWY 07 : Climb RWY HDG to 1400FT, via OYE R071 to 9.0DME, turn right,...
RWY 25 : Climb RWY HDG to 1400FT, turn left, via OYE R226 to 6.0DME, turn left,...
...direct to OYE VOR/DME.
Cross OYE VOR/DME at or above 5000FT.

Note RWY07 : 5.3% climb gradient required up to 1400FT.
OBST ALT 1083FT located at 1.0NM 047˚ FM end of RWY07.
RWY25 : 4.0% climb gradient required up to 1400FT.
OBST ALT 1017FT located at 1.1NM 228˚ FM end of RWY25.

KIBI REVERSAL SIX DEPARTURE



STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA SID

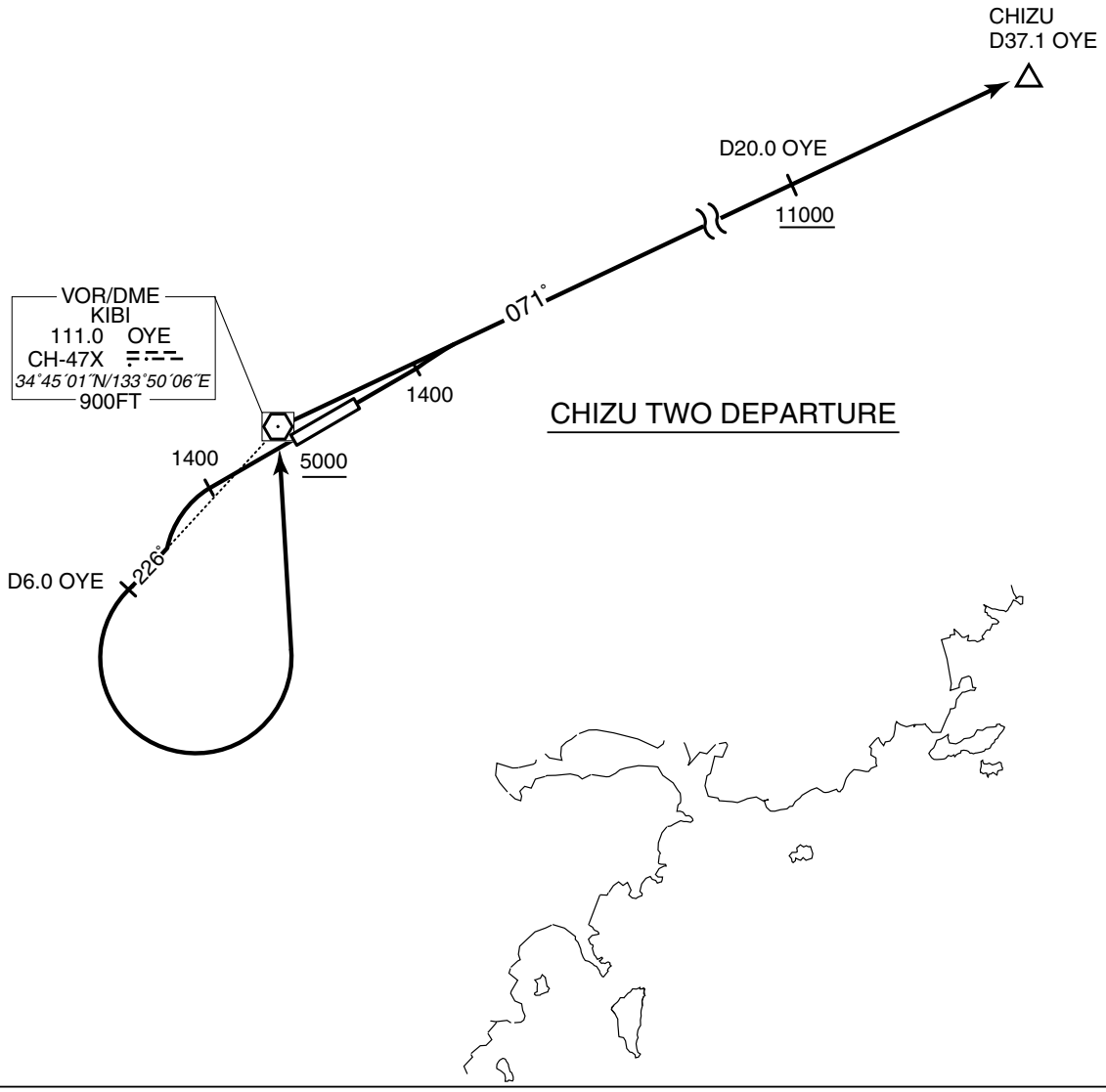
CHIZU TWO DEPARTURE

RWY 07 : Climb RWY HDG to 1400FT, via OYE R071 to CHIZU.
Cross OYE R071/20.0DME at or above 11000FT.

RWY 25 : Climb RWY HDG to 1400FT, turn left, via OYE R226 to 6.0DME, turn left, direct to OYE VOR/DME, via OYE R071 to CHIZU.

Cross OYE VOR/DME at or above 5000FT.
Cross OYE R071/20.0DME at or above 11000FT.

Note RWY07 : 5.3% climb gradient required up to 1400FT.
OBST ALT 1083FT located at 1.0NM 047˚ FM end of RWY07.
RWY25 : 4.0% climb gradient required up to 1400FT.
OBST ALT 1017FT located at 1.1NM 228˚ FM end of RWY25.



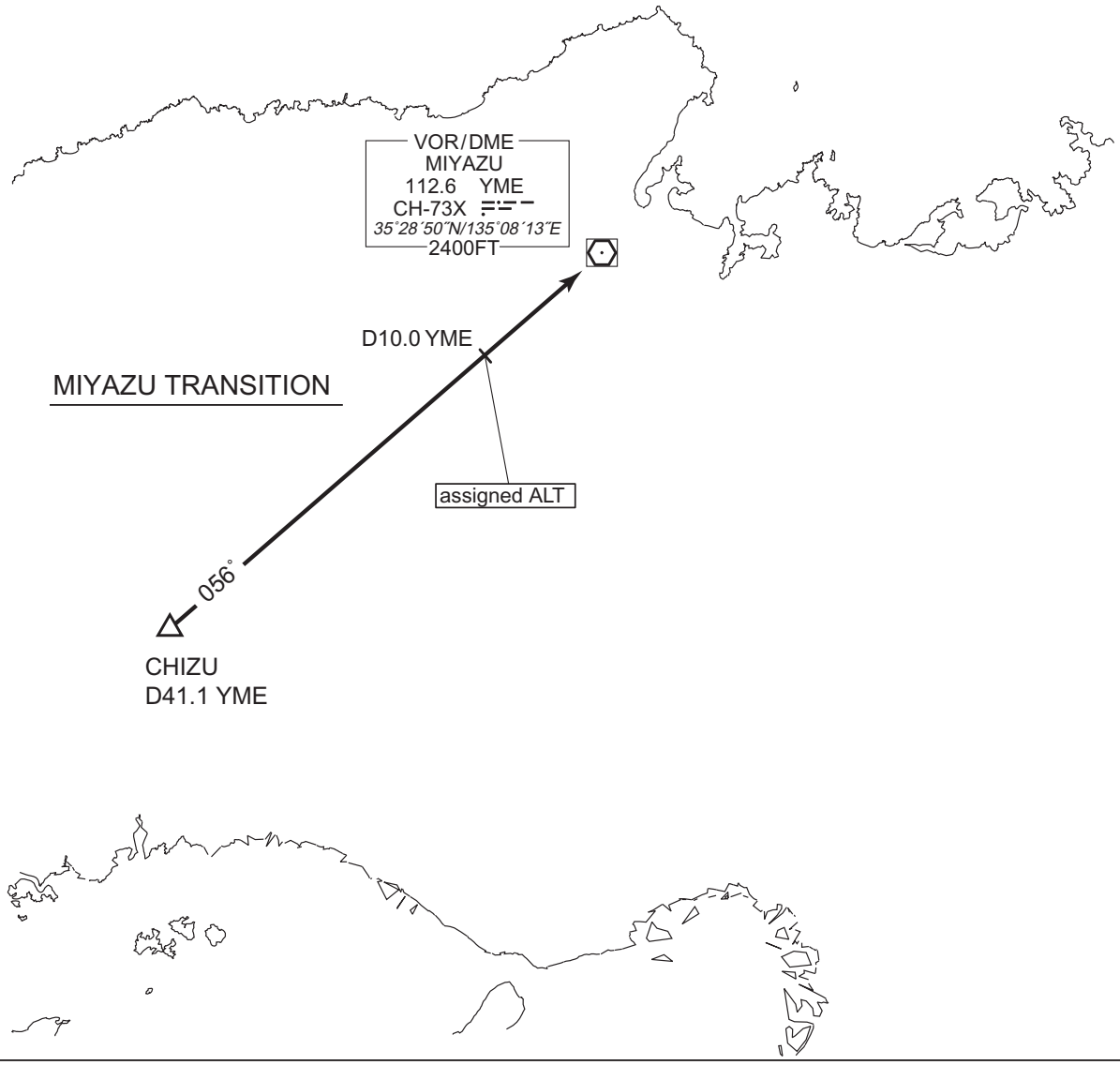
STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA TRANSITION

MIYAZU TRANSITION

From over CHIZU, via YME R236 to YME VOR/DME.
Cross YME R236/10.0DME at assigned altitude.

CHANGE: OTSU TRANSITION abolished. OTSU VOR/DME(CUE) abolished.



STANDARD DEPARTURE CHART - INSTRUMENT

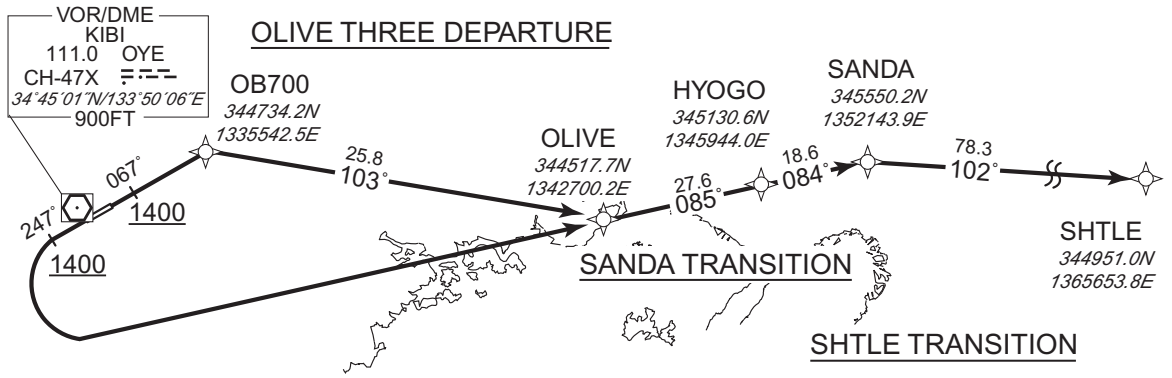
RJOB / OKAYAMA

RNAV SID and TRANSITION

OLIVE THREE DEPARTURE SANDA TRANSITION / SHTLE TRANSITION	Basic RNP1

Note GNSS required.

VAR 8˚W (2021)



OLIVE THREE DEPARTURE

RWY07 : Climb on HDG067˚ at or above 1400FT, direct to OB700, to OLIVE.
RWY25 : Climb on HDG247˚ at or above 1400FT, turn left direct to OLIVE.

Note RWY07 : 5.4% climb gradient required up to 1400FT.
RWY25 : 4.0% climb gradient required up to 1600FT.
OBST ALT 1922FT located at 5.0NM 104˚ FM end of RWY25.

SANDA TRANSITION

From OLIVE, to HYOGO, to SANDA.

SHTLE TRANSITION

From OLIVE, to HYOGO, to SANDA, to SHTLE.

CHANGE: VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA

RNAV SID and TRANSITION

OLIVE THREE DEPARTURE

RWY07

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	–	–	067 (059.1)	-8.1	–	–	+1400	–	–	Basic RNP1
002	DF	OB700	–	–	-8.1	–	–	–	–	–	Basic RNP1
003	TF	OLIVE	–	103 (094.9)	-8.1	25.8	–	–	–	–	Basic RNP1

RWY25

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	–	–	247 (239.1)	-8.1	–	–	+1400	–	–	Basic RNP1
002	DF	OLIVE	–	–	-8.1	–	L	–	–	–	Basic RNP1

SANDA TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	OLIVE	–	–	-8.1	–	–	–	–	–	Basic RNP1
002	TF	HYOGO	–	085 (076.8)	-8.1	27.6	–	–	–	–	Basic RNP1
003	TF	SANDA	–	084 (076.4)	-8.1	18.6	–	–	–	–	Basic RNP1

SHTLE TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	OLIVE	–	–	-8.1	–	–	–	–	–	Basic RNP1
002	TF	HYOGO	–	085 (076.8)	-8.1	27.6	–	–	–	–	Basic RNP1
003	TF	SANDA	–	084 (076.4)	-8.1	18.6	–	–	–	–	Basic RNP1
004	TF	SHTLE	–	102 (093.9)	-8.1	78.3	–	–	–	–	Basic RNP1

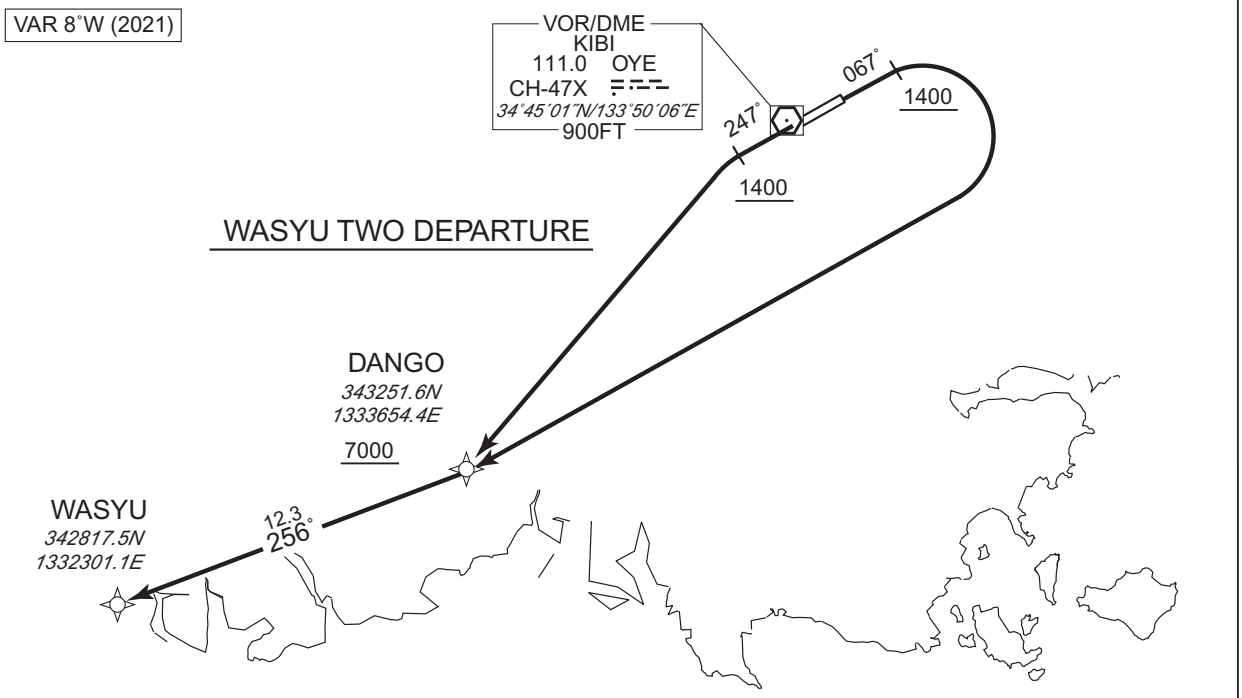
CHANGE: VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJOB / OKAYAMA RNAV SID

WASYU TWO DEPARTURE	Basic RNP1

Note GNSS required.



WASYU TWO DEPARTURE

RWY07 : Climb on HDG067˚ at or above 1400FT, turn right direct to DANGO at or above 7000FT, to WASYU.

RWY25 : Climb on HDG247˚ at or above 1400FT, turn left direct to DANGO at or above 7000FT, to WASYU.

Note RWY07 : 5.4% climb gradient required up to 2300FT.
OBST ALT 1922FT located at 3.8NM 118˚ FM end of RWY07.

RWY25 : 4.0% climb gradient required up to 1400FT.
OBST ALT 1018FT located at 1.1NM 227˚ FM end of RWY25.

RWY07

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	067 (059.1)	-8.1	—	—	+1400	—	—	Basic RNP1
002	DF	DANGO	—	—	-8.1	—	R	+7000	—	—	Basic RNP1
003	TF	WASYU	—	256 (248.3)	-8.1	12.3	—	—	—	—	Basic RNP1

RWY25

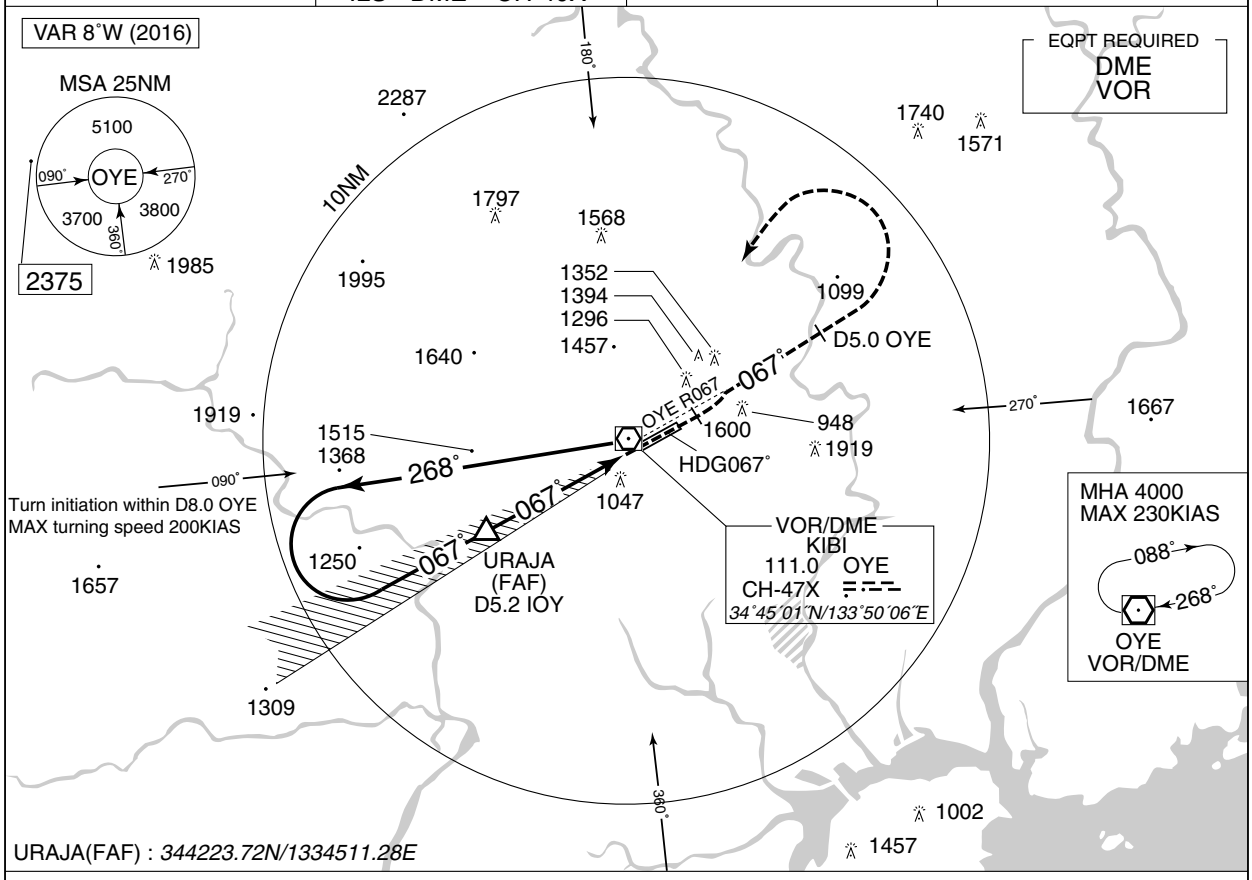
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	247 (239.1)	-8.1	—	—	+1400	—	—	Basic RNP1
002	DF	DANGO	—	—	-8.1	—	L	+7000	—	—	Basic RNP1
003	TF	WASYU	—	256 (248.3)	-8.1	12.3	—	—	—	—	Basic RNP1

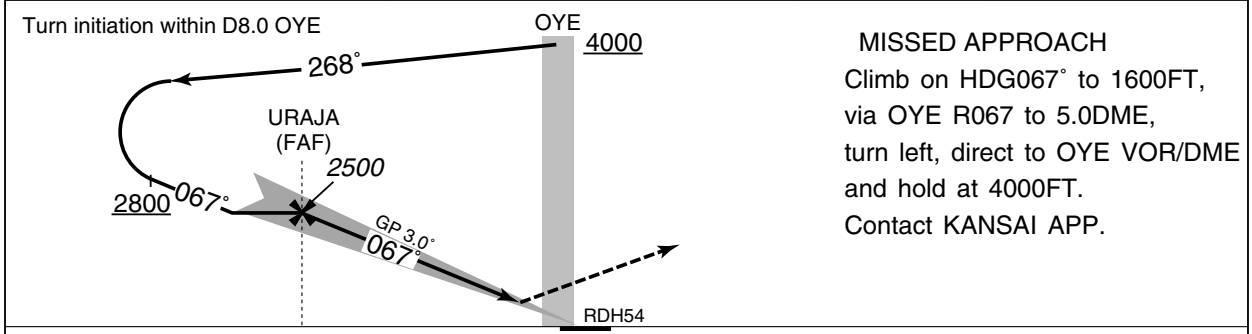
CHANGE: VAR.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA ILS Z RWY07

KANSAI APP	ILS - LOC 110.3 IOY ILS - GP 335.0 ILS - DME CH-40X	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2		124.3 - 126.2	





MISSED APPROACH
Climb on HDG067˚ to 1600FT,
via OYE R067 to 5.0DME,
turn left, direct to OYE VOR/DME
and hold at 4000FT.
Contact KANSAI APP.

Missed APCH climb gradient MNM 5.0%

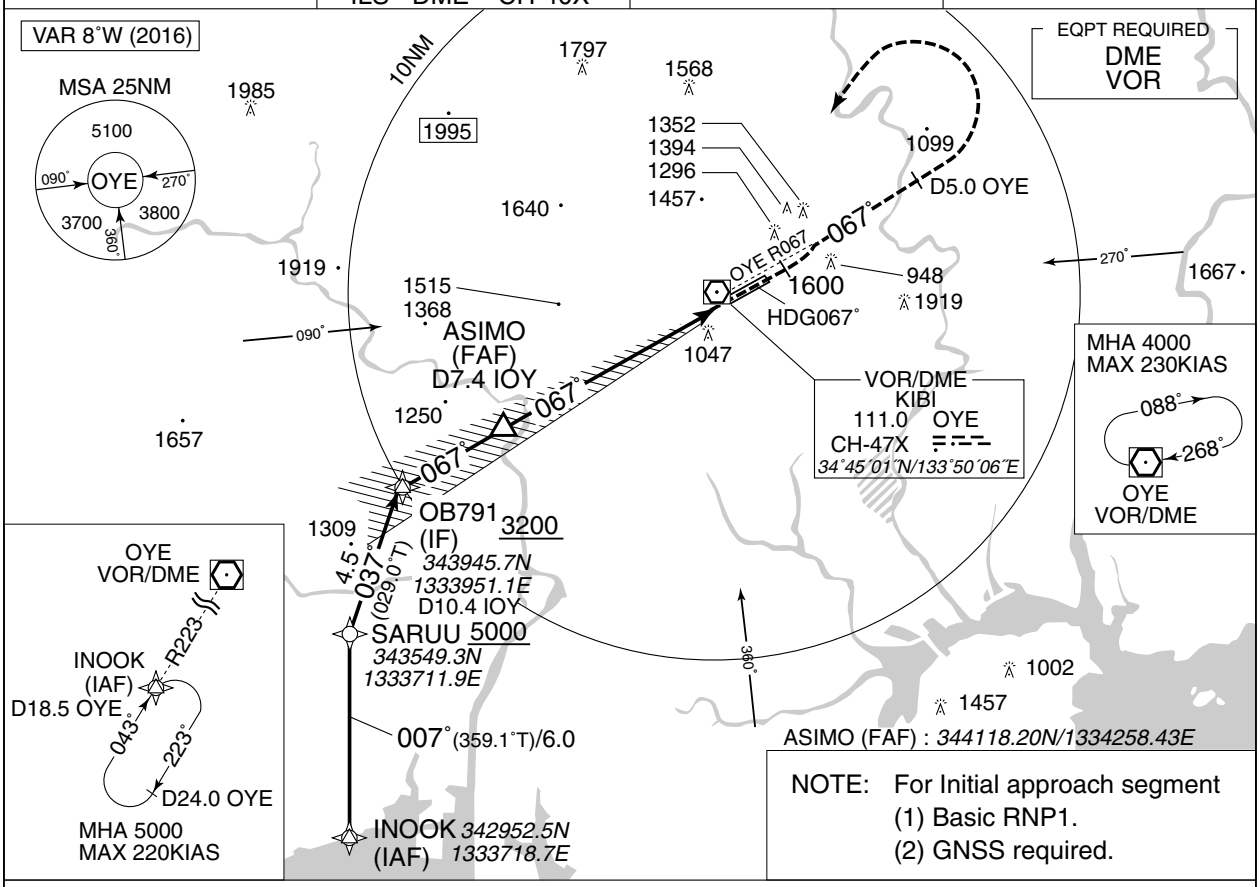
MINIMA	THR elev. 806		AD elev. 785	
CAT	CAT Ⅰ		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	1006 (200)	550	1510 (725)	1600
B				
C				2400
D				3200

Circling to SOUTH side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

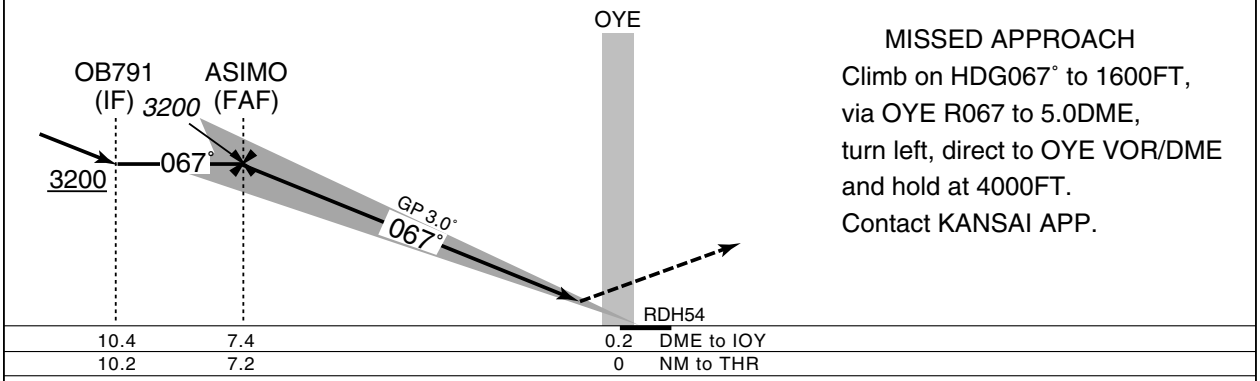
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA ILS Y RWY07

KANSAI APP	ILS - LOC	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2	110.3 IOY ILS - GP 335.0 ILS - DME CH-40X	124.3 - 126.2	



NOTE: For Initial approach segment
(1) Basic RNP1.
(2) GNSS required.



MISSED APPROACH
Climb on HDG067° to 1600FT,
via OYE R067 to 5.0DME,
turn left, direct to OYE VOR/DME
and hold at 4000FT.
Contact KANSAI APP.

Missed APCH climb gradient MNM 5.0%

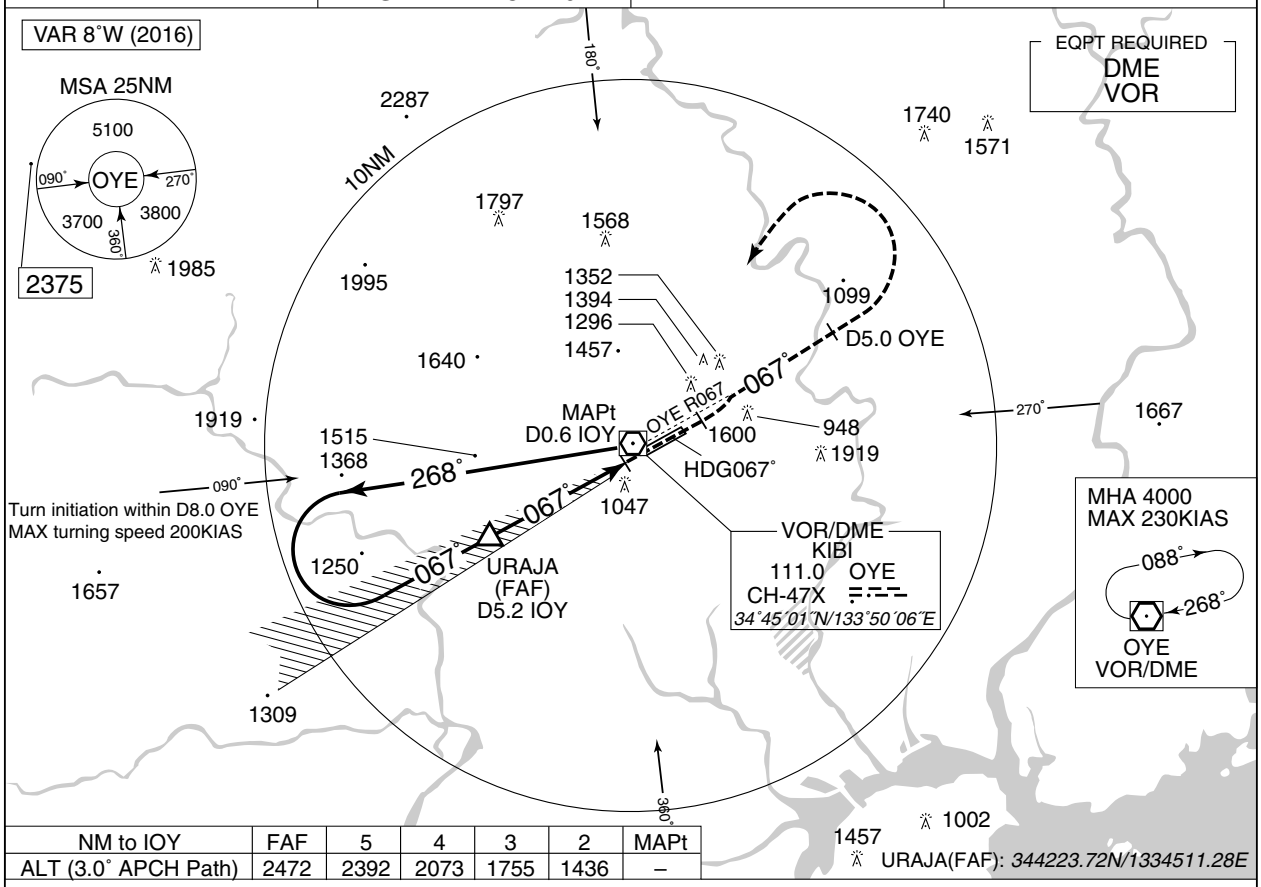
MINIMA	THR elev. 806		AD elev. 785	
CAT	CAT Ⅰ		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	1006 (200)	550	1510 (725)	1600
B				
C				2400
D				3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to SOUTH side of RWY only.

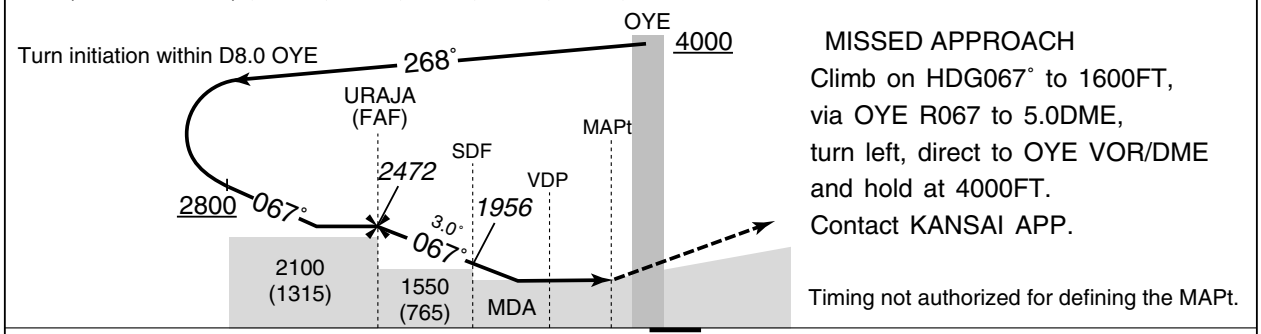
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA — LOC RWY07

KANSAI APP	ILS - LOC	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2	110.3 IOY ILS - DME CH-40X	124.3 - 126.2	



NM to IOY	FAF	5	4	3	2	MAPt
ALT (3.0˚ APCH Path)	2472	2392	2073	1755	1436	–



MISSED APPROACH
Climb on HDG067˚ to 1600FT,
via OYE R067 to 5.0DME,
turn left, direct to OYE VOR/DME
and hold at 4000FT.
Contact KANSAI APP.

Timing not authorized for defining the MAPt.

Missed APCH climb gradient MNM 5.0%

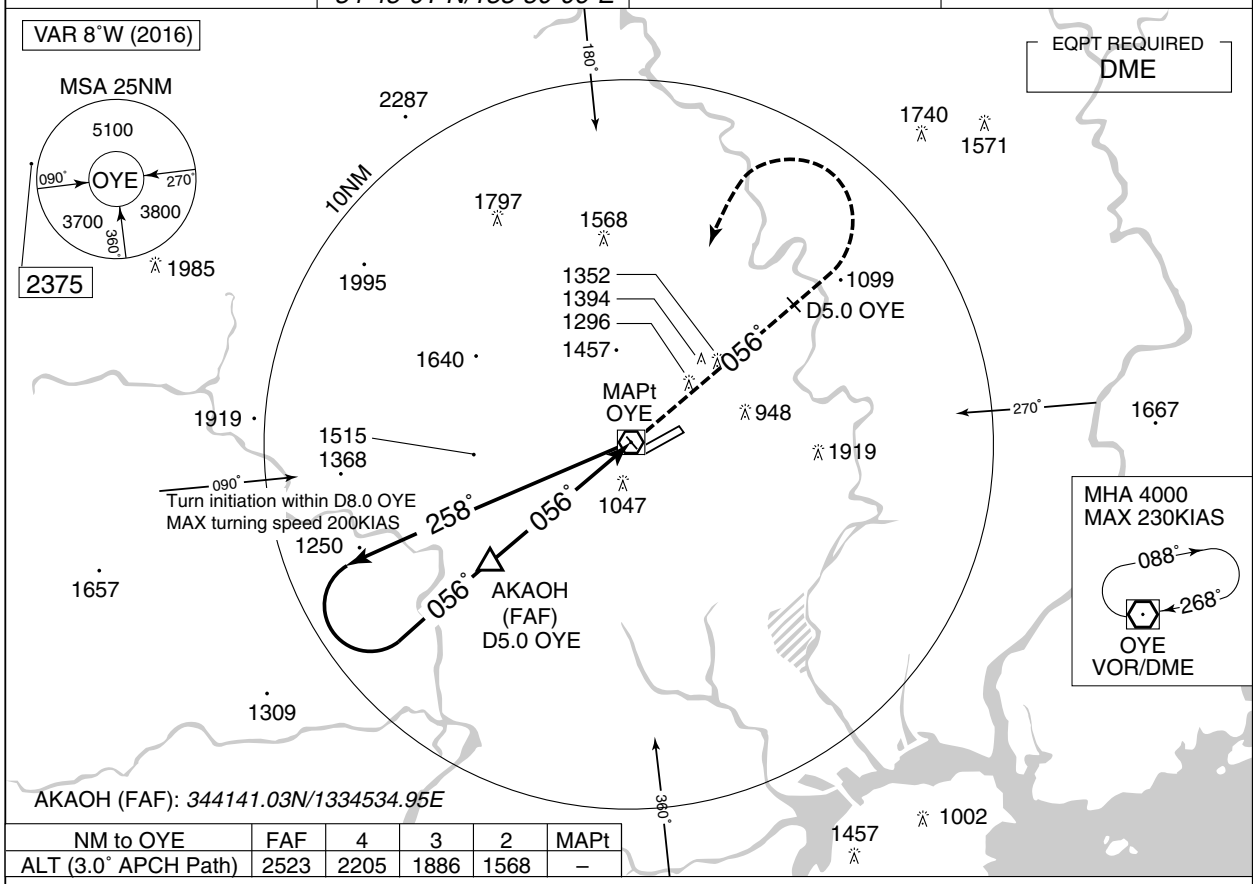
MINIMA	THR elev. 806		AD elev. 785	
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	1240 (455)	1000	1510 (725)	1600
B		1200		
C				2400
D		1600		3200

Circling to SOUTH side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

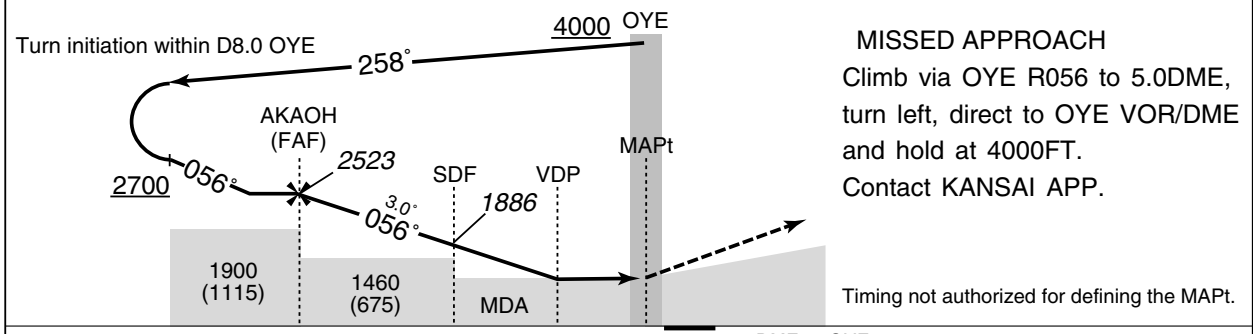
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA — VOR RWY07

KANSAI APP	KIBI VOR/DME 111.0 OYE CH-47X 34°45´01´N/133°50´06´E	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2		124.3 - 126.2	



NM to OYE	FAF	4	3	2	MAPt
ALT (3.0° APCH Path)	2523	2205	1886	1568	–



MISSED APPROACH
Climb via OYE R056 to 5.0DME, turn left, direct to OYE VOR/DME and hold at 4000FT.
Contact KANSAI APP.

Timing not authorized for defining the MAPt.

Missed APCH climb gradient MNM 3.0%

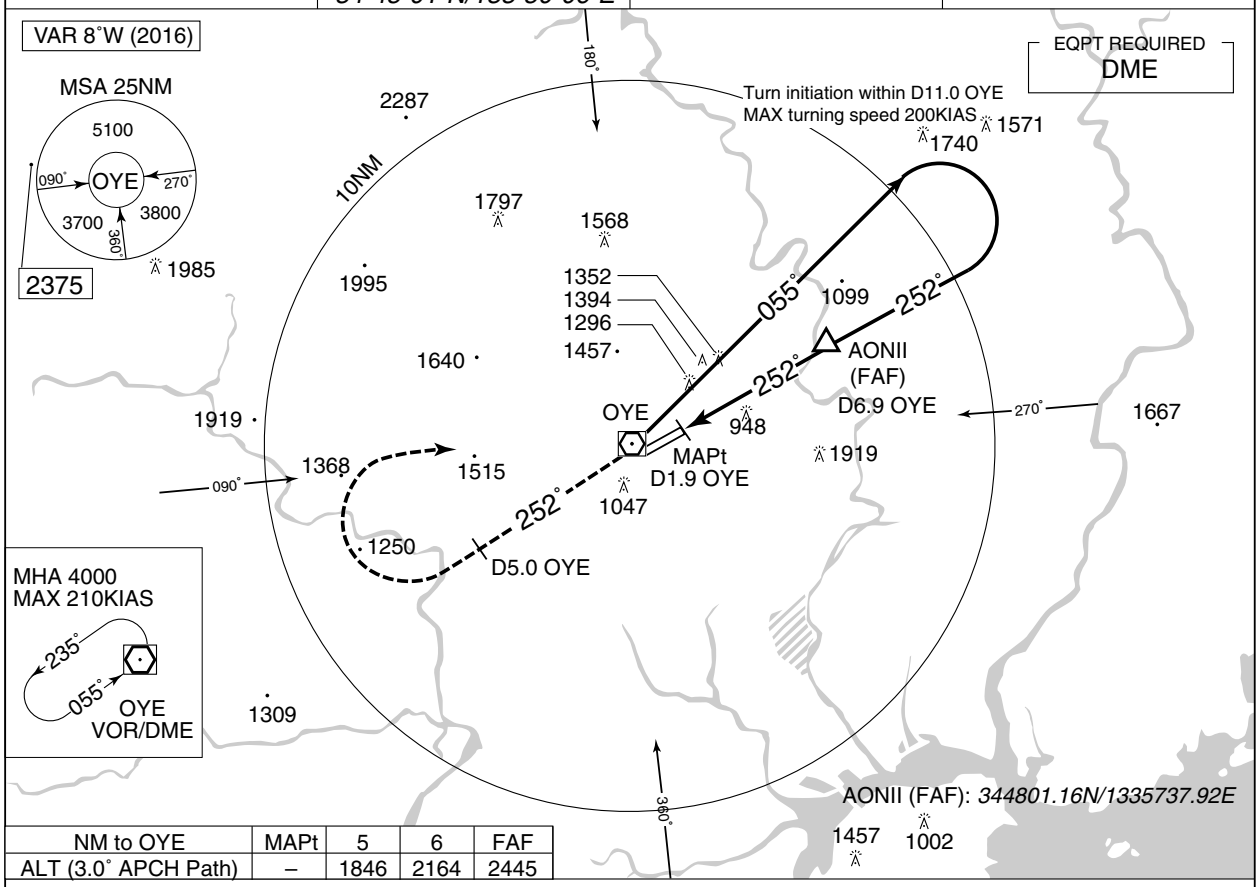
MINIMA	THR elev. 806		AD elev. 785	
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	1350 (565)	1000	1510 (725)	1600
B		1200		
C				2400
D		1600		3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to SOUTH side of RWY only.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA — VOR RWY25

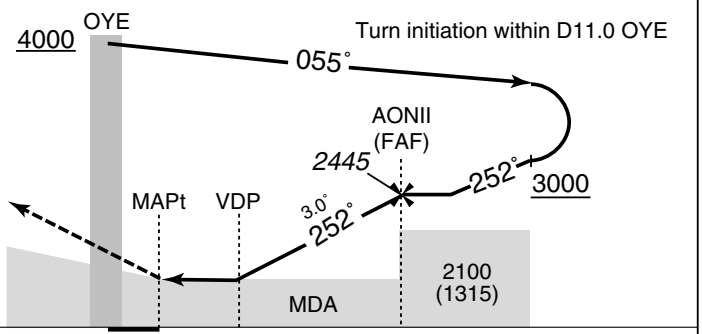
KANSAI APP	KIBI VOR/DME 111.0 OYE CH-47X *34˚45´01˝N/133˚50´06˝E*	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2		124.3 - 126.2	



NM to OYE	MAPt	5	6	FAF
ALT (3.0˚ APCH Path)	–	1846	2164	2445

MISSED APPROACH
Climb via OYE R252 to 5.0DME,
turn right, direct to OYE VOR/DME
and hold at 4000FT.
Contact KANSAI APP.

Timing not authorized for defining the MAPt.



DME to OYE	1.9	4.4	6.9
NM to THR	0	2.5	5.0

MINIMA THR elev. 804 AD elev. 785

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	1620 (835)	1500	1620 (835)	1600
B				
C		1800		2400
D		2000		3200

Circling to SOUTH side of RWY only.

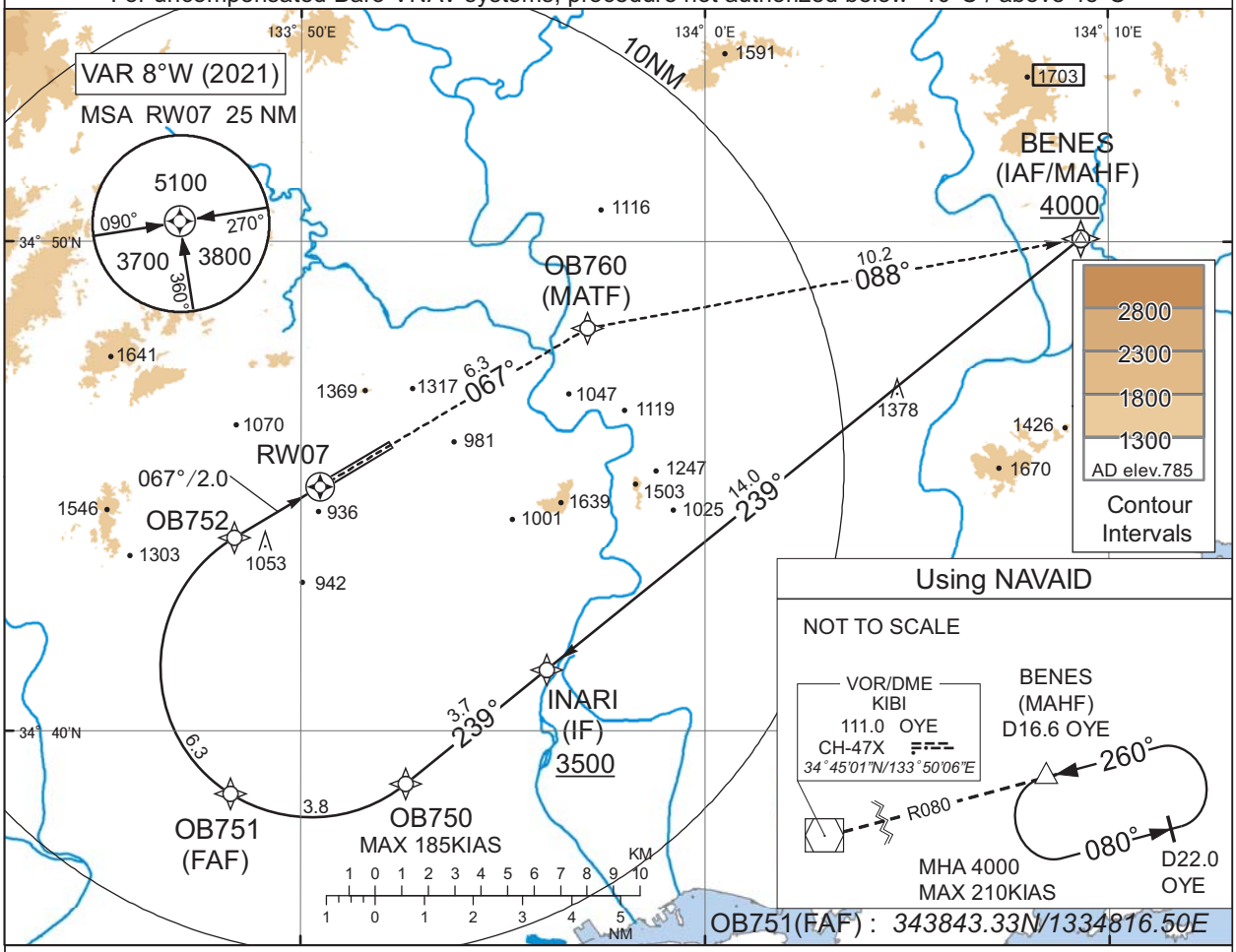
INSTRUMENT APPROACH CHART

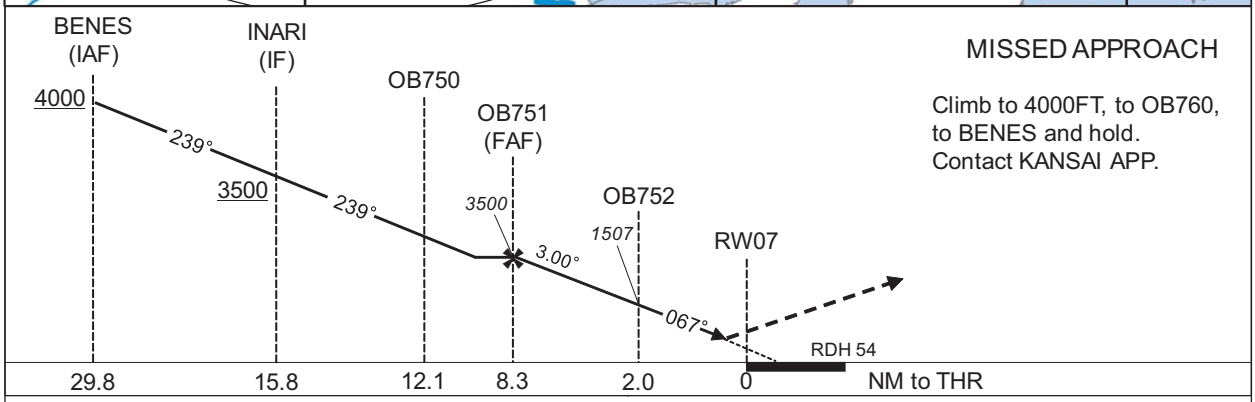
RJOB / OKAYAMA

RNP Z RWY07(AR)

KANSAI APP 121.2 - 120.4 - 261.2	RNP AR RF required.	OKAYAMA TOWER 124.3 - 126.2	RADAR AVBL

For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C





MISSED APPROACH

Climb to 4000FT, to OB760, to BENES and hold. Contact KANSAI APP.

Missed APCH climb gradient MNM 4.0%

MINIMA	THR elev. 806	AD elev. 785
CAT	RNP 0.30	
	DA(H)	RVR/CMV
A	-	-
B		
C	1233(427)	1000
D		1400

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Authorization Required

CHANGE : PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Z RWY07(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	BENES	-	-	-8.1	-	-	+4000	-	-	-
002	TF	INARI	-	239 (231.0)	-8.1	14.0	-	+3500	-	-	1.0
003	TF	OB750	-	239 (230.9)	-8.1	3.7	-	-	-185	-	1.0
004	RF Center: OBRF1 r=3.07NM	OB751	-	-	-8.1	3.8	R	3500	-	-	1.0
005	RF Center: OBRF1 r=3.07NM	OB752	-	-	-8.1	6.3	R	1507	-	-3.00	0.3
006	TF	RW07	Y	067 (059.1)	-8.1	2.0	-	860	-	-3.00/54	0.3
007	TF	OB760	-	067 (059.1)	-8.1	6.3	-	-	-	-	1.0
008	TF	BENES	-	088 (079.6)	-8.1	10.2	-	4000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
INARI	*344115.72N / 1335605.70E*	OBRF1	*344119.08N / 1335015.95E*
OB750	*343855.80N / 1335236.42E*		
OB751	*343843.33N / 1334816.50E*		
OB752	*344357.48N / 1334821.64E*		
RW07	*344500.07N / 1335028.89E*		
OB760	*344814.99N / 1335705.97E*		
BENES	*345004.35N / 1340919.47E*		

CHANGE : PROC renamed.

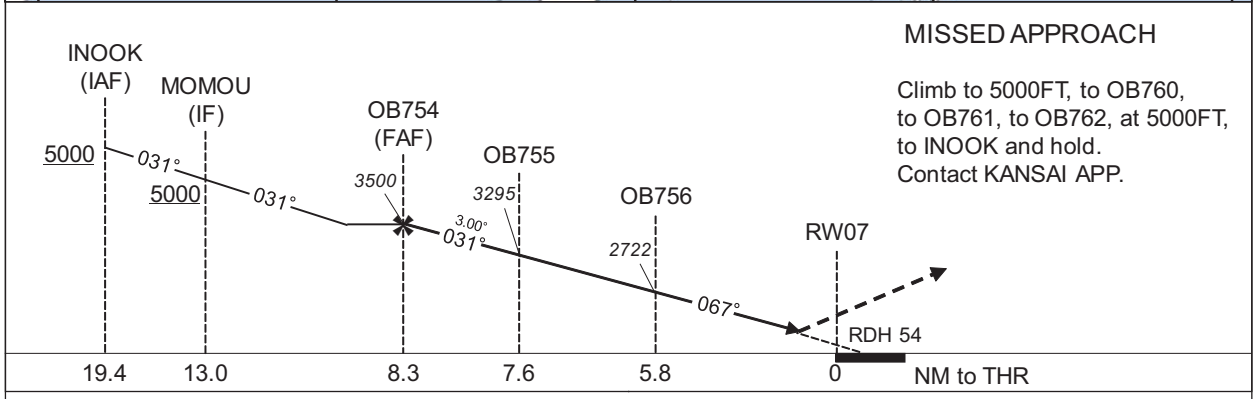
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Y RWY07(AR)

KANSAI APP 121.2 - 120.4 - 261.2	RNP AR RF required.	OKAYAMA TOWER 124.3 - 126.2	RADAR AVBL

For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C



MISSED APPROACH

Climb to 5000FT, to OB760, to OB761, to OB762, at 5000FT, to INOOK and hold. Contact KANSAI APP.

Missed APCH climb gradient MNM 4.0%

MINIMA	THR elev. 806	AD elev. 785
CAT	RNP 0.30	
	DA(H)	RVR/CMV
A	-	-
B		
C	1233(427)	1000
D		1400

MINIMA with Missed APCH Climb gradient of 2.5% are not established.

Authorization Required

CHANGE : PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA RNP Y RWY07(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	INOOK	-	-	-8.1	-	-	+5000	-	-	-
002	TF	MOMOU	-	031 (023.3)	-8.1	6.4	-	+5000	-	-	0.3
003	TF	OB754	-	031 (023.3)	-8.1	4.7	-	3500	-	-	0.3
004	TF	OB755	-	031 (023.4)	-8.1	0.6	-	3295	-	-3.00	0.3
005	RF Center: OBRF2 r=2.89NM	OB756	-	-	-8.1	1.8	R	2722	-	-3.00	0.3
006	TF	RW07	Y	067 (059.0)	-8.1	5.8	-	860	-	-3.00/54	0.3
007	TF	OB760	-	067 (059.1)	-8.1	6.3	-	-	-	-	1.0
008	TF	OB761	-	157 (149.4)	-8.1	7.4	-	-	-	-	1.0
009	TF	OB762	-	247 (239.2)	-8.1	17.4	-	5000	-	-	1.0
010	TF	INOOK	-	247 (239.0)	-8.1	6.0	-	5000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
INOOK	*342952.48N / 1333718.65E*	OBRF2	*343930.88N / 1334610.90E*
MOMOU	*343543.45N / 1334022.43E*		
OB754	*344004.70N / 1334239.54E*		
OB755	*344040.07N / 1334258.12E*		
OB756	*344200.00N / 1334423.17E*		
RW07	*344500.07N / 1335028.89E*		
OB760	*344814.99N / 1335705.97E*		
OB761	*344152.88N / 1340140.81E*		
OB762	*343257.58N / 1334332.75E*		

CHANGE : PROC renamed.

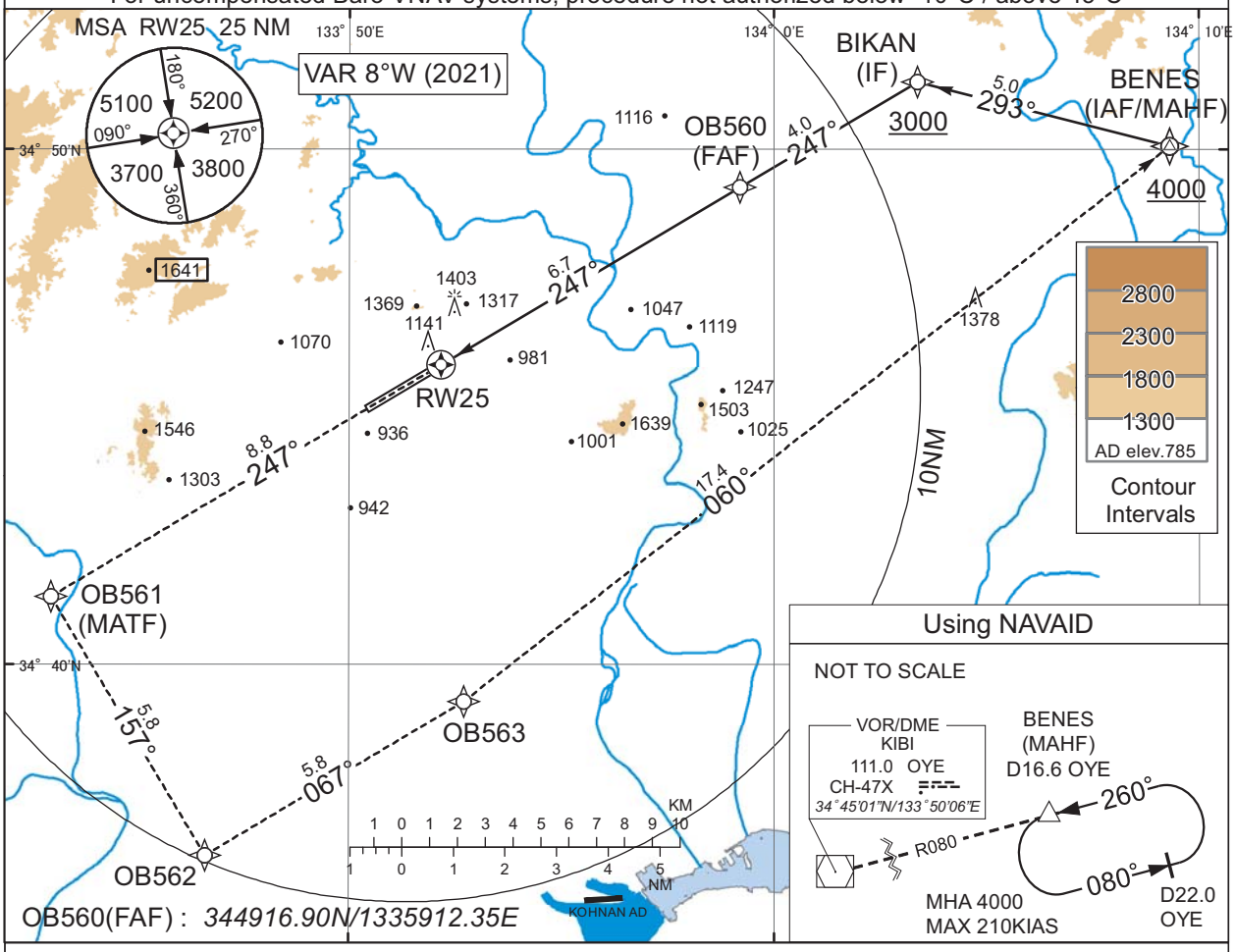
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Z RWY25(AR)

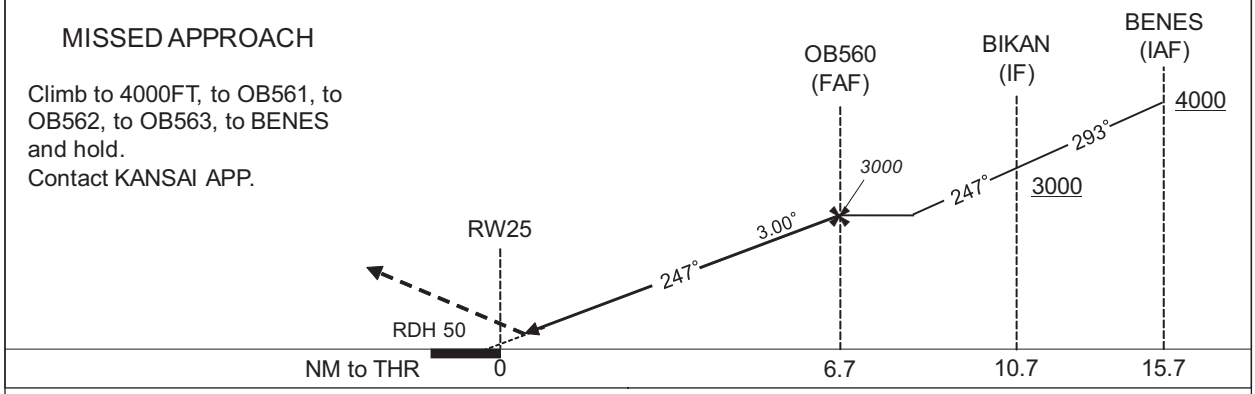
KANSAI APP 121.2 - 120.4 - 261.2	RNP AR	OKAYAMA TOWER 124.3 - 126.2	RADAR AVBL

For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C



MISSED APPROACH

Climb to 4000FT, to OB561, to OB562, to OB563, to BENES and hold.
Contact KANSAI APP.



Missed APCH climb gradient MNM 5.0% for RNP 0.10

MINIMA	THR elev. 804		AD elev. 785	
CAT	RNP 0.10		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	-	-	-	-
B				
C	1276(472)	1600	1564(760)	1800
D		1800		2000

MINIMA with Missed APCH climb gradient of 2.5% are not established for RNP 0.10.

Authorization Required

CHANGE : PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Z RWY25(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	BENES	-	-	-8.1	-	-	+4000	-	-	-
002	TF	BIKAN	-	293 (284.5)	-8.1	5.0	-	+3000	-	-	1.0
003	TF	OB560	-	247 (239.2)	-8.1	4.0	-	3000	-	-	1.0
004	TF	RW25	Y	247 (239.1)	-8.1	6.7	-	854	-	-3.00/50	0.10 0.30
005	TF	OB561	-	247 (239.1)	-8.1	8.8	-	-	-	-	1.0
006	TF	OB562	-	157 (149.3)	-8.1	5.8	-	-	-	-	1.0
007	TF	OB563	-	067 (059.1)	-8.1	5.8	-	-	-	-	1.0
008	TF	BENES	-	060 (051.6)	-8.1	17.4	-	4000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
BIKAN	*345119.60N / 1340323.18E*	—	—
OB560	*344916.90N / 1335912.35E*		
RW25	*344549.88N / 1335210.24E*		
OB561	*344119.10N / 1334300.25E*		
OB562	*343617.70N / 1334637.94E*		
OB563	*343917.37N / 1335242.76E*		
BENES	*345004.35N / 1340919.47E*		

CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

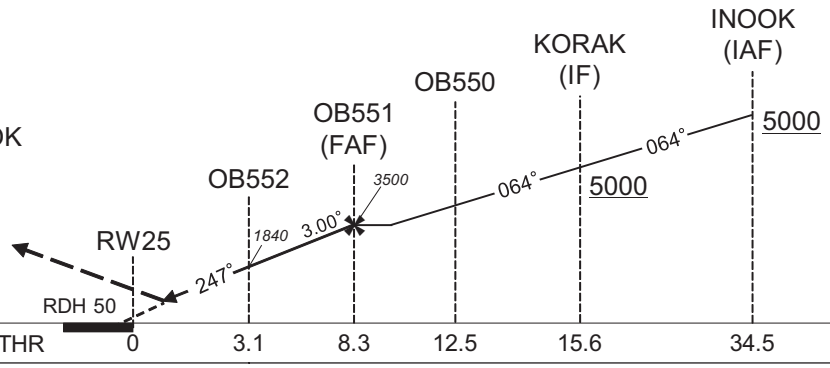
RNP Y RWY25(AR)

KANSAI APP 121.2 - 120.4 - 261.2	RNP AR RF required.	OKAYAMA TOWER 124.3 - 126.2	RADAR AVBL

For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C

MISSED APPROACH

Climb to 5000FT, to OB561,
to OB564 at 5000FT, to INOOK
and hold.
Contact KANSAI APP.



Missed APCH climb gradient MNM 5.0% for RNP 0.10

MINIMA	THR elev. 804		AD elev. 785	
CAT	RNP 0.10		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	-	-	-	-
B				
C	1276(472)	1600	1564(760)	1800
D		1800		2000

MINIMA with Missed APCH climb gradient of 2.5% are not established for RNP 0.10.

Authorization Required

CHANGE : PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNP Y RWY25(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	INOOK	-	-	-8.1	-	-	+5000	-	-	-
002	TF	KORAK	-	064 (055.7)	-8.1	18.9	-	+5000	-	-	1.0
003	TF	OB550	-	064 (055.8)	-8.1	3.1	-	-	-185	-	1.0
004	RF Center: OBRF3 r=3.06NM	OB551	-	-	-8.1	4.2	L	3500	-	-	1.0
005	RF Center: OBRF3 r=3.06NM	OB552	-	-	-8.1	5.2	L	1840	-	-3.00	0.10 0.30
006	TF	RW25	Y	247 (239.2)	-8.1	3.1	-	854	-	-3.00/50	0.10 0.30
007	TF	OB561	-	247 (239.1)	-8.1	8.8	-	-	-	-	1.0
008	TF	OB564	-	210 (202.3)	-8.1	4.1	-	5000	-	-	1.0
009	TF	INOOK	-	210 (202.3)	-8.1	8.3	-	5000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
INOOK	*342952.48N / 1333718.65E*	OBRF3	*344446.88N / 1335718.07E*
KORAK	*344031.39N / 1335618.17E*		
OB550	*344214.38N / 1335922.79E*		
OB551	*344559.10N / 1340043.14E*		
OB552	*344725.06N / 1335524.13E*		
RW25	*344549.88N / 1335210.24E*		
OB561	*344119.10N / 1334300.25E*		
OB564	*343730.82N / 1334106.50E*		

CHANGE : PROC renamed.

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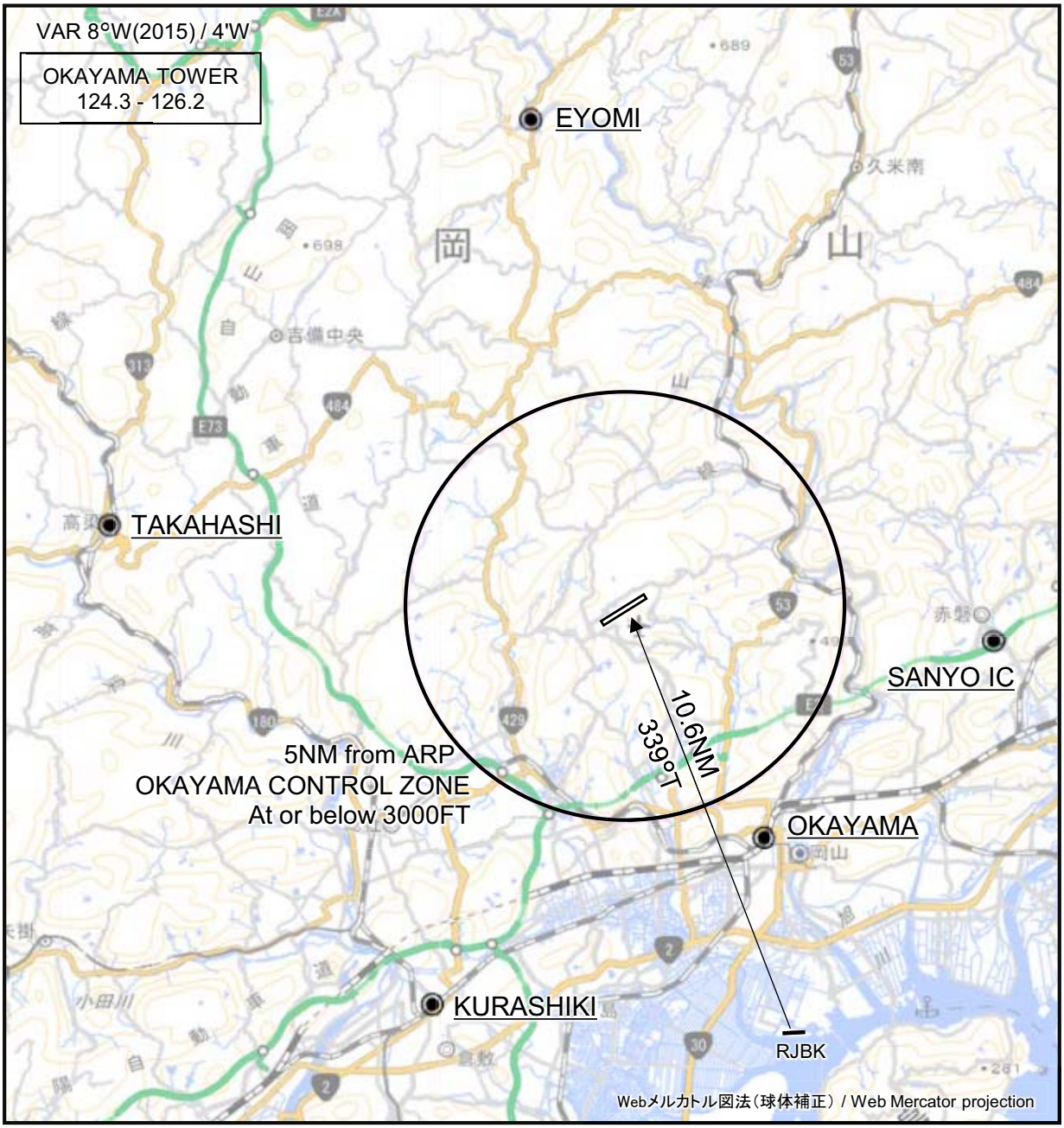
Visual REP

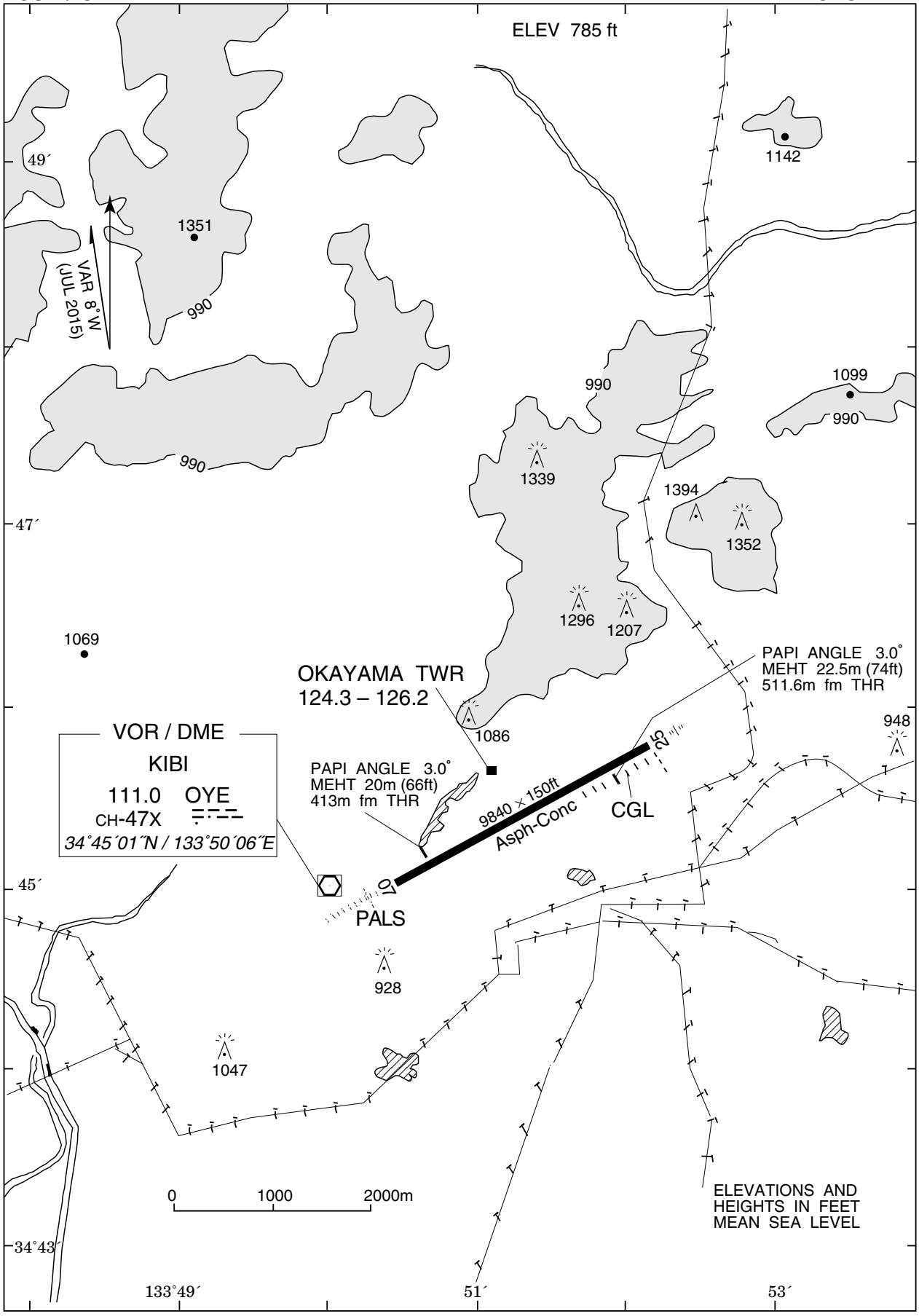


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP. Location indicator of Kohnan AD added.

Call sign	BRG / DIST from ARP	Remarks
江与味 Eyomi	349°T / 11.6NM	江与味橋 Bridge
高梁 Takahashi	279°T / 12.0NM	JR駅 JR Station
倉敷 Kurashiki	205°T / 10.3NM	JR駅 JR Station
岡山 Okayama	150°T / 6.2NM	JR駅 JR Station
山陽IC Sanyo IC	096°T / 8.4NM	山陽インターチェンジ Sanyo Highway Interchange

RJOB / OKAYAMA LDG CHART



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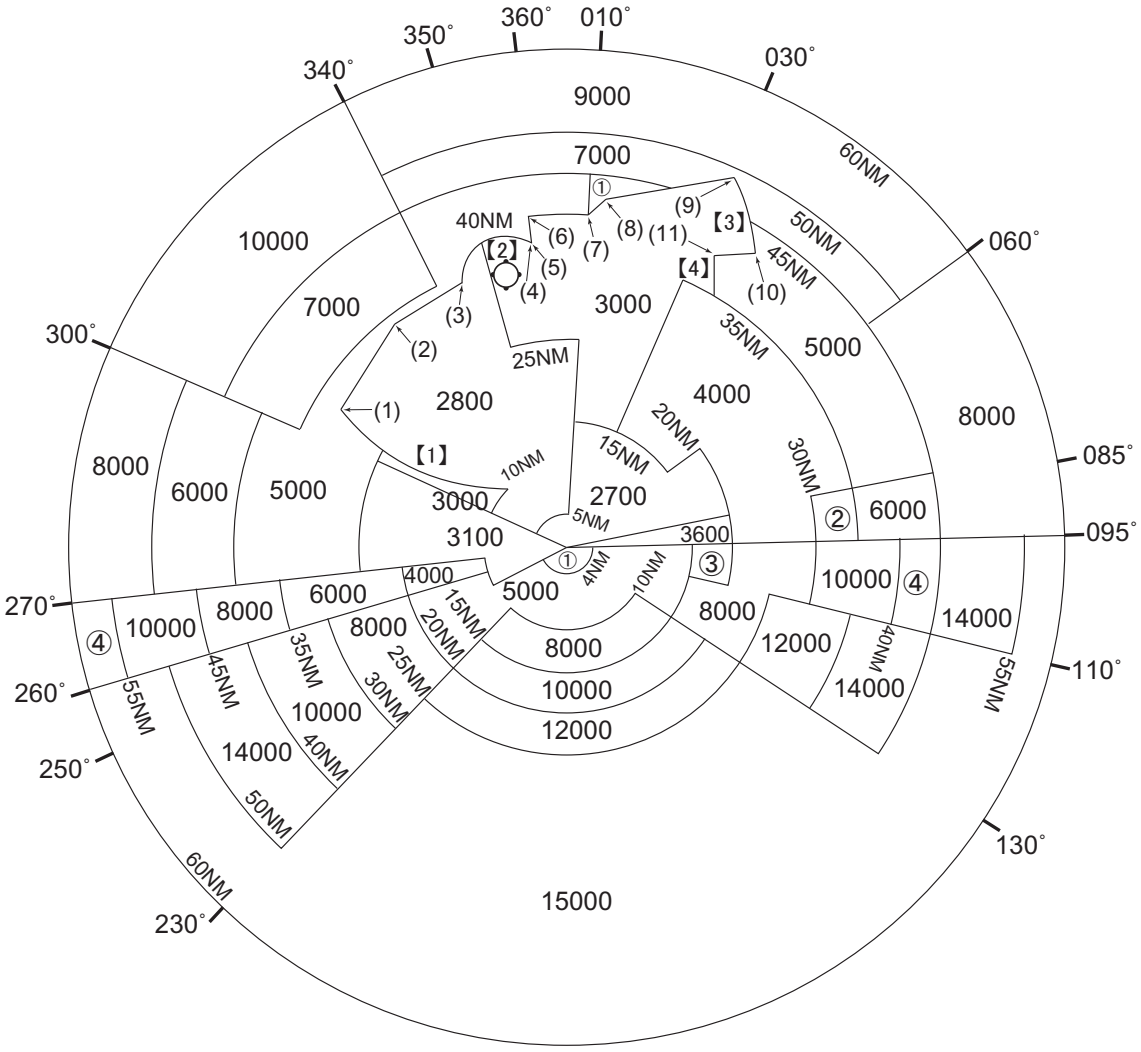
Minimum Vectoring Altitude CHART

VAR 8˚W (2018)



CHANGE : VAR. Shape of segment(BTN 300° and 060°).

① 4000
② 5000
③ 6000
④ 12000

(1) *342946N/1332749E*
(2) *343957N/1333528E*
(3) *344445N/1334517E*
(4) *344928N/1335453E*
(5) *344932N/1335502E*
(6) *345247N/1335429E*
(7) *345311N/1340229E*
(8) *345434N/1340519E*
(9) *345733N/1342446E*
(10) *344828N/1342739E*
(11) *344758N/1342134E*

【1】25NM (CENTER : *344525N/1335119E*)
【2】5NM (CENTER : *344525N/1335119E*)
【3】30NM (CENTER : *344525N/1335119E*)
【4】25NM (CENTER : *344525N/1335119E*)

CENTER : *341315N/1340115E* (RJOT RADAR SITE)

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