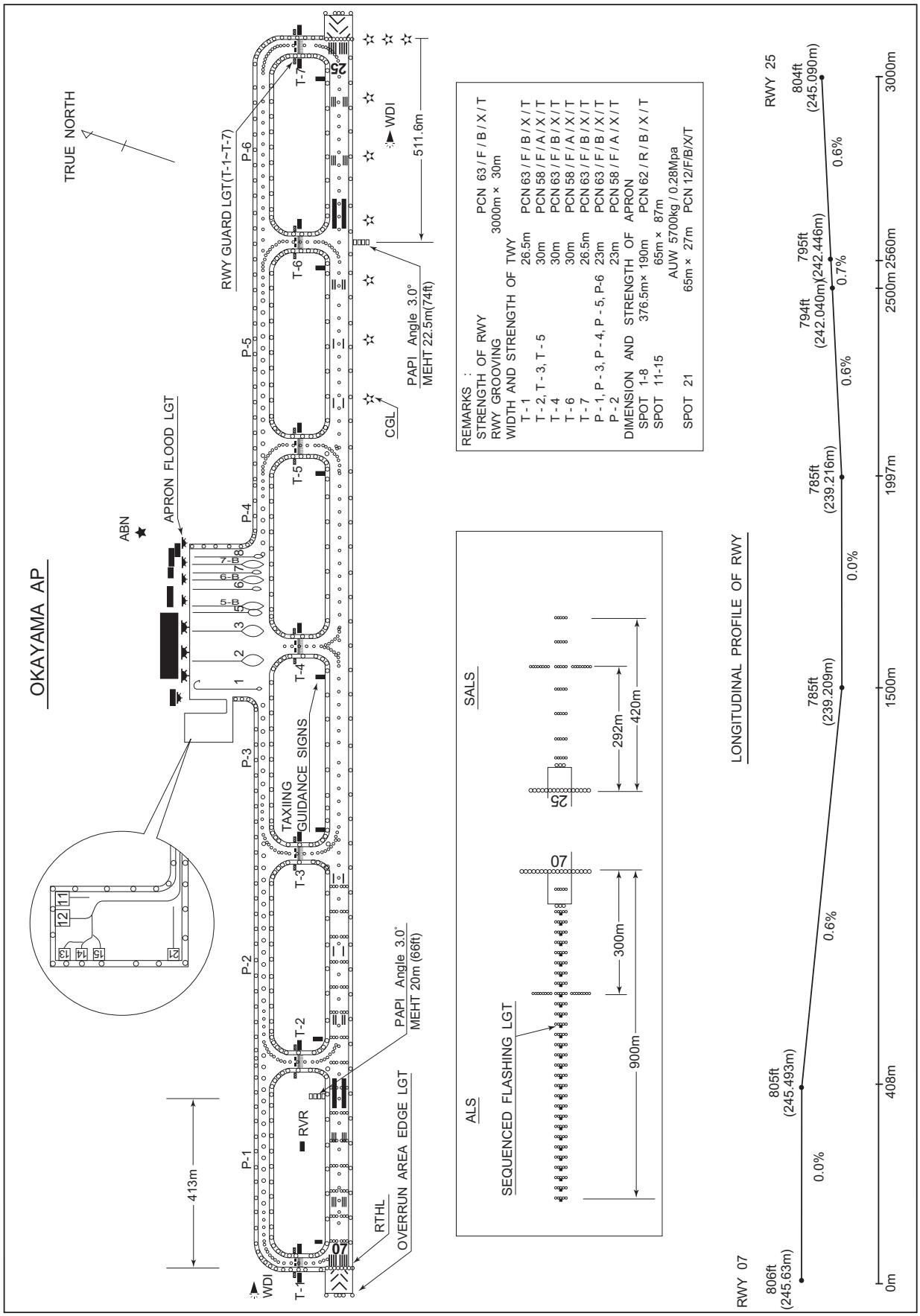
RJOB / OKAYAMA

AD CHART



CHANGE : TWY CL LGT for P-6 installed.

INTENTIONALLY LEFT BLANK

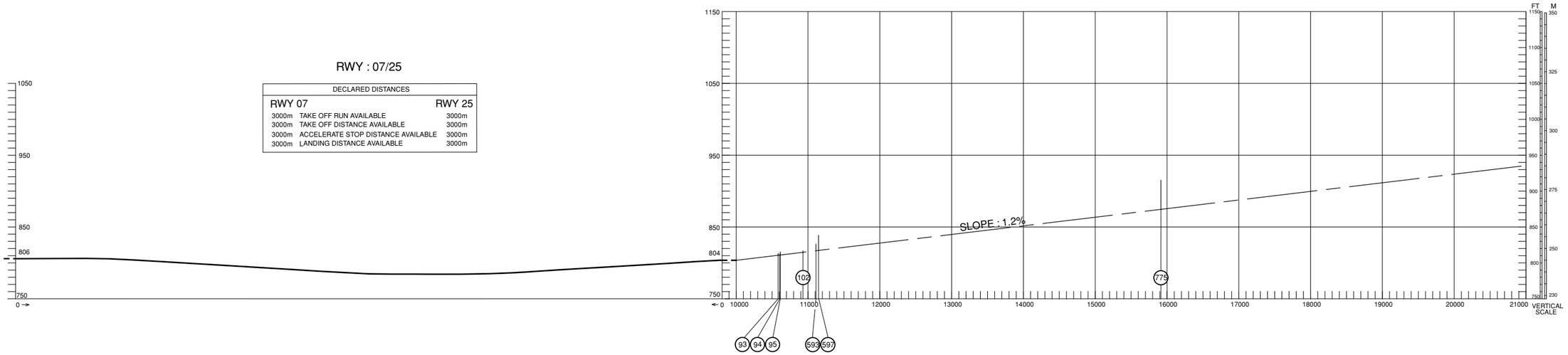
AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

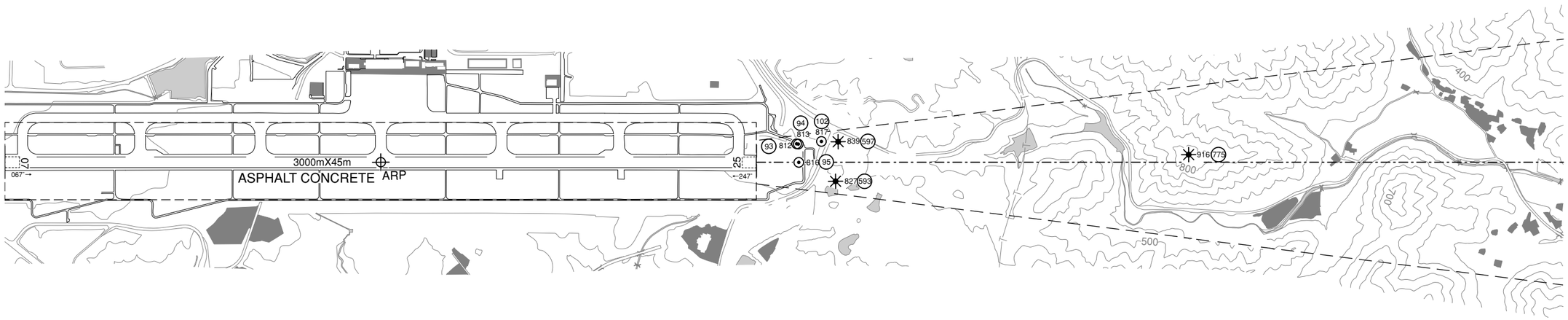
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

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

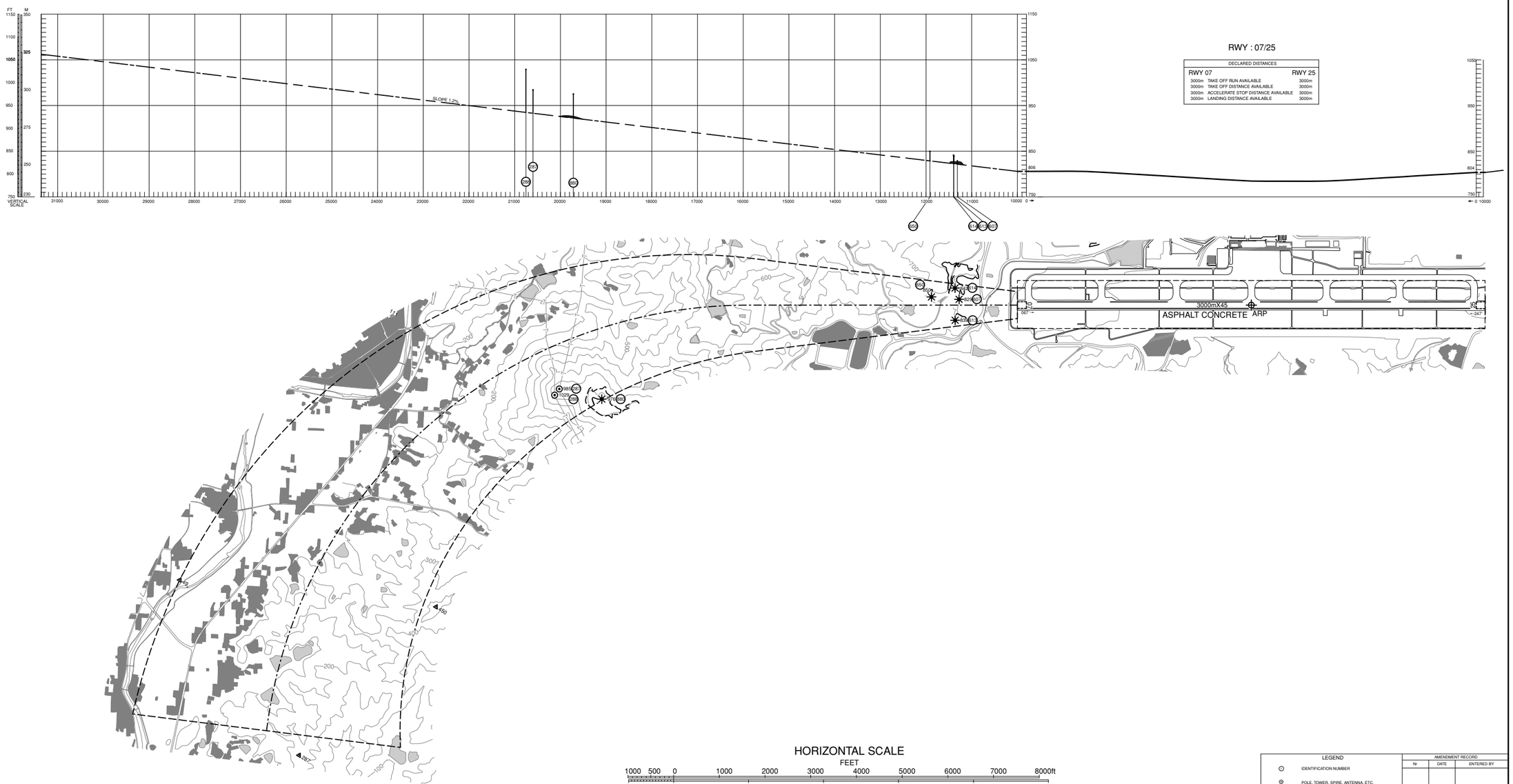
FEET: 1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000ft

METRES: 300 0 500 1000 1500 2000 2500m

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

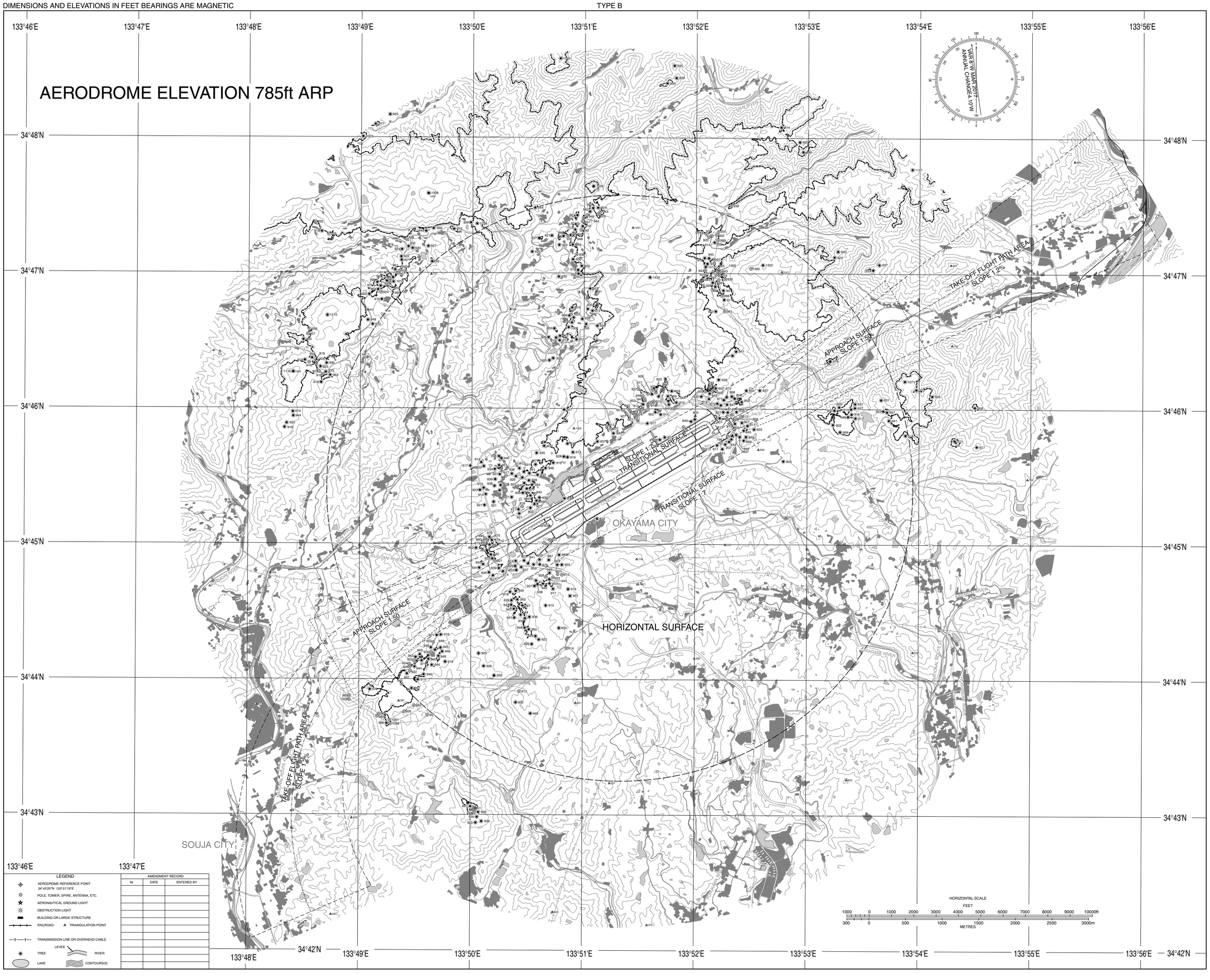
DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 8˚ W-MAR 2017



AERODROME OBSTACLE CHART-ICAO
TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC



STANDARD DEPARTURE CHART - INSTRUMENT

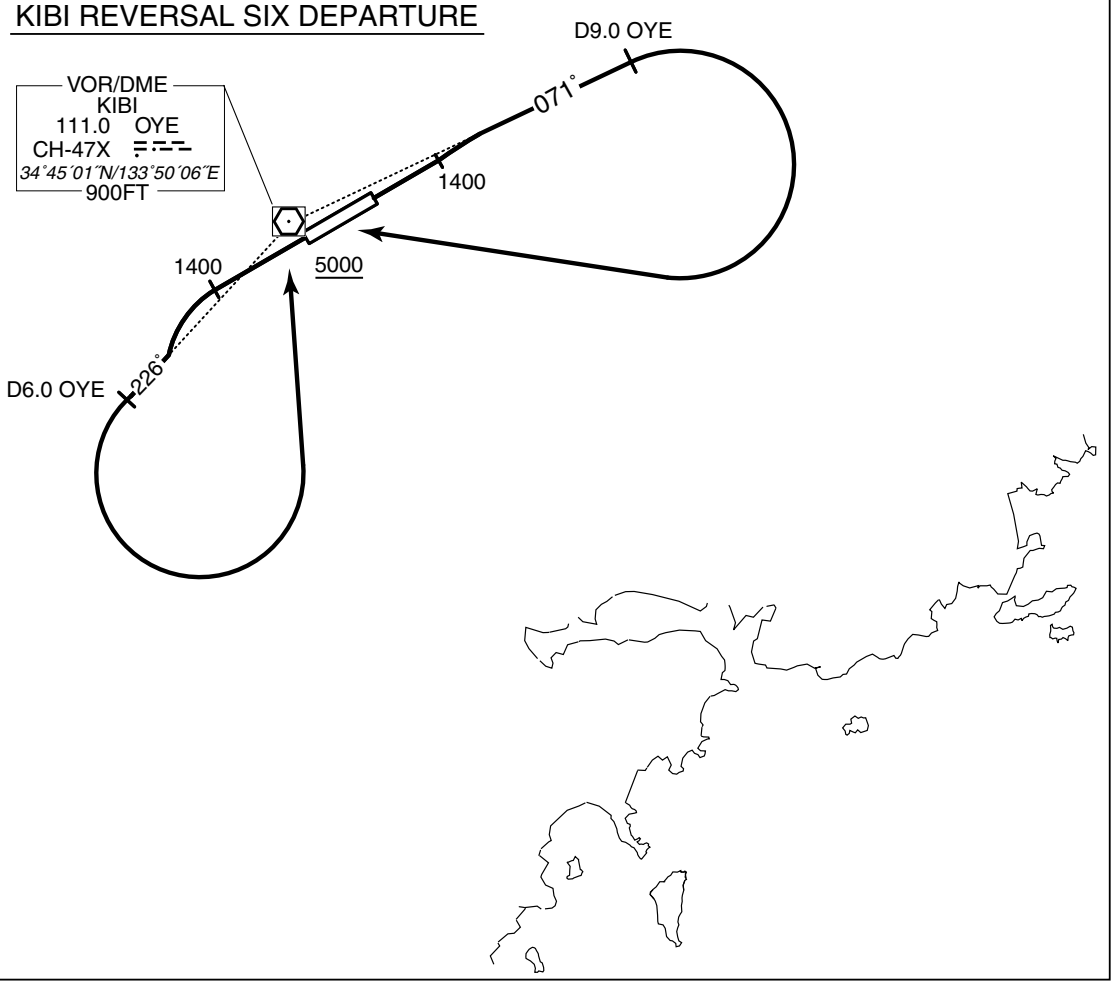
RJOB / OKAYAMA SID

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

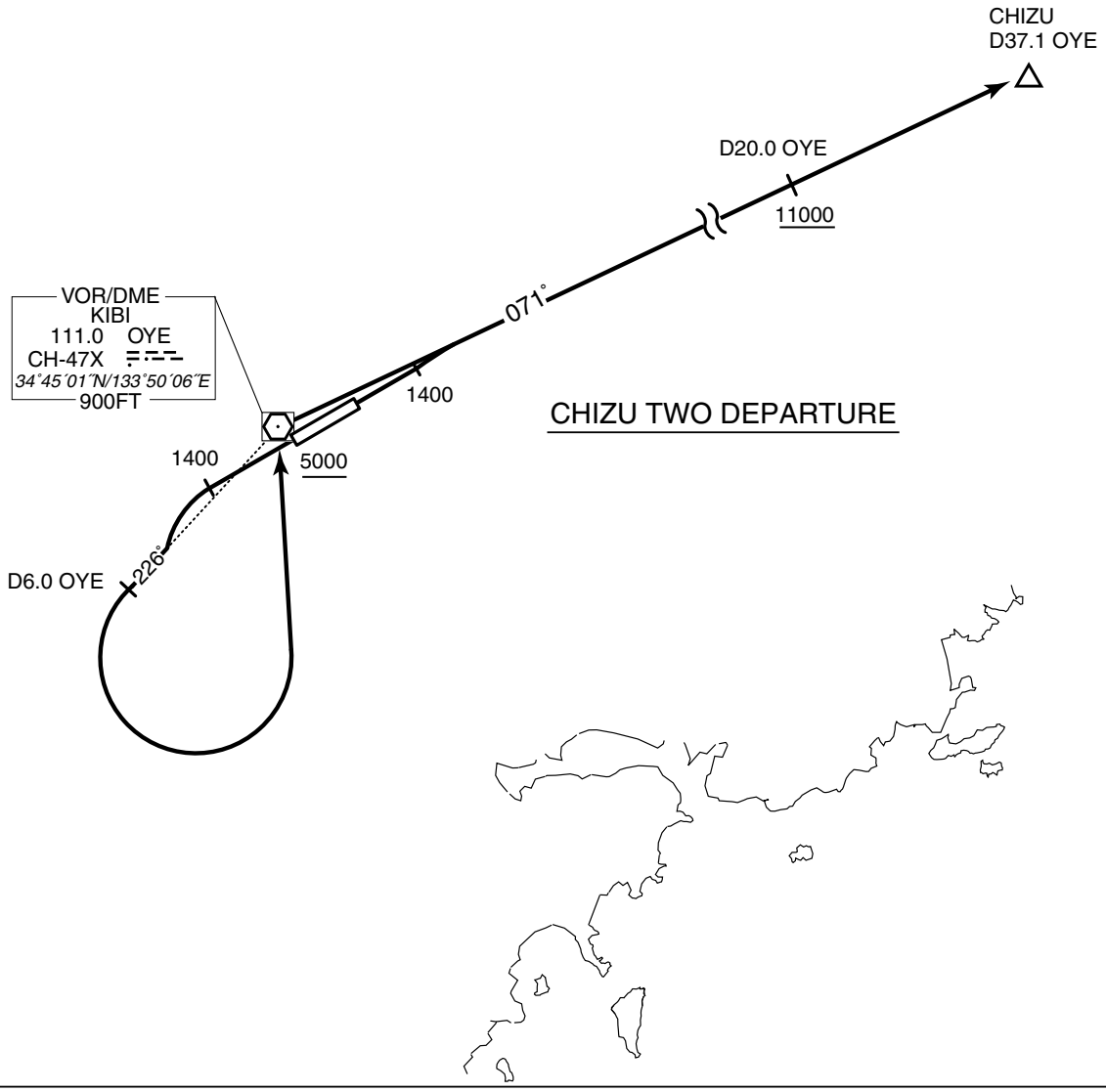
CHIZU TWO DEPARTURE

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

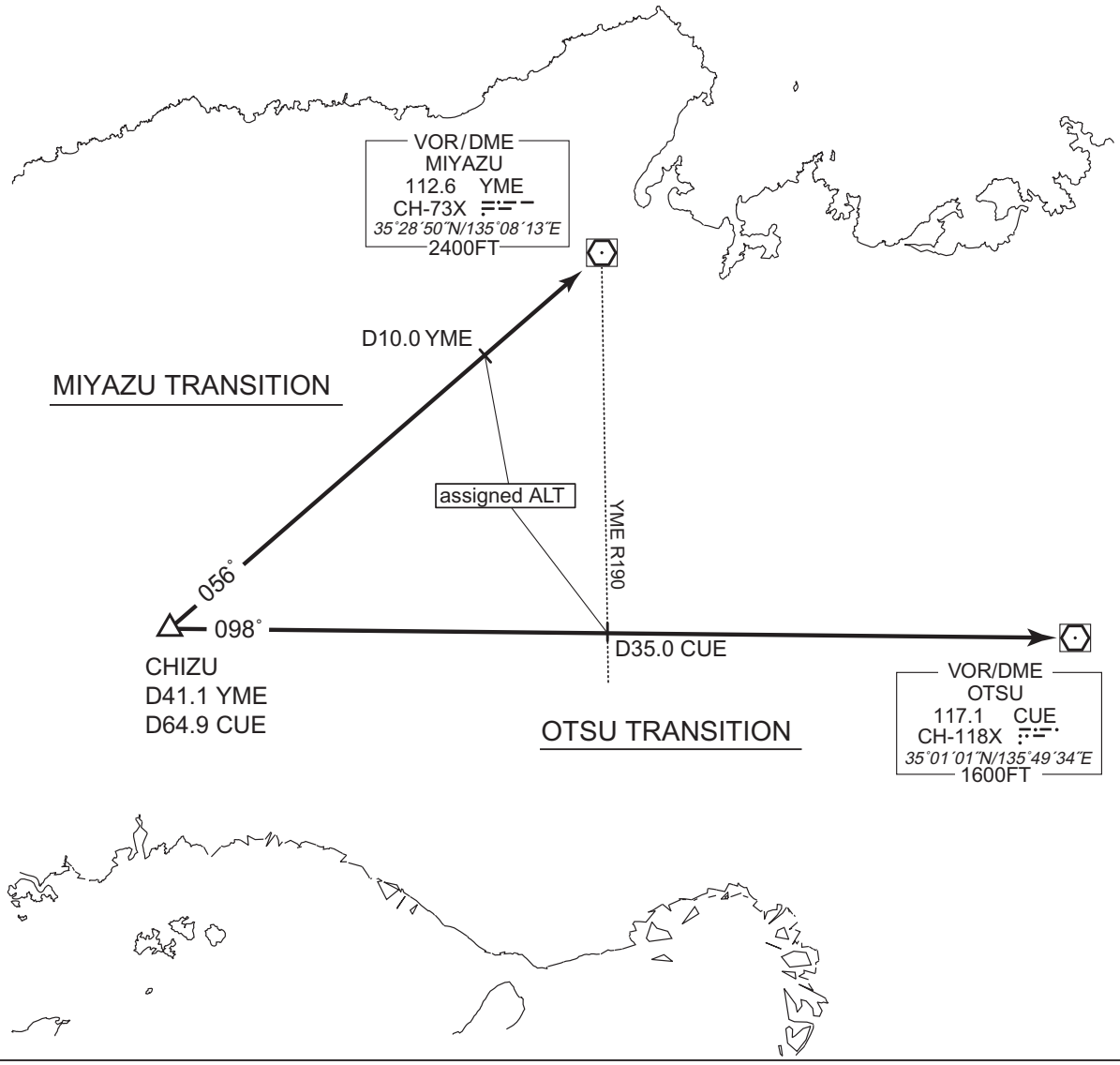
RJOB / OKAYAMA TRANSITION

MIYAZU TRANSITION

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

OTSU TRANSITION

From over CHIZU, via CUE R278 to CUE VOR/DME.
Cross CUE R278/35.0DME (YME R190) at assigned altitude.



STANDARD DEPARTURE CHART - INSTRUMENT

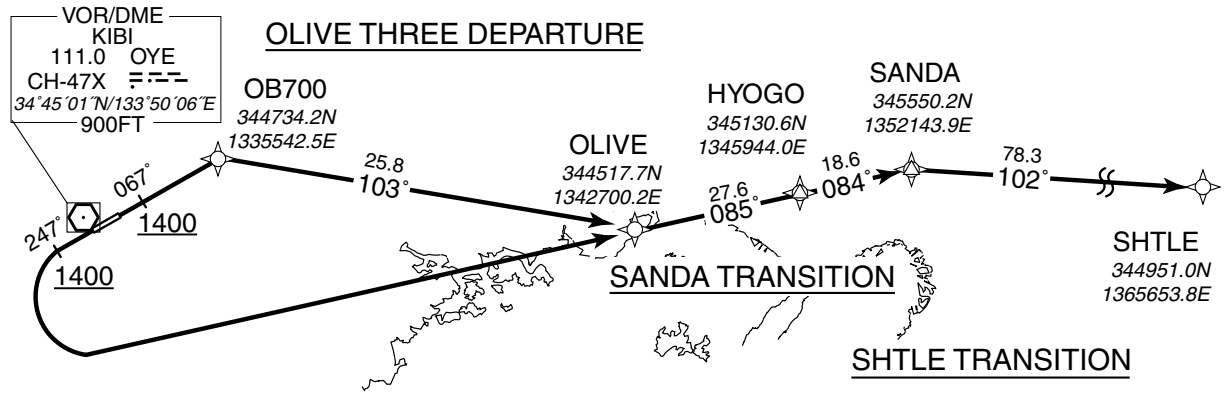
RJOB / OKAYAMA

RNAV SID and TRANSITION

OLIVE THREE DEPARTURE SANDA TRANSITION / SHTLE TRANSITION	Basic RNP1

Note GNSS required.

VAR 8˚W (2016)



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.
OBST ALT 1922FT located at 3.8NM 118˚ FM end of RWY07.
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.

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)	-7.7	–	–	+1400	–	–	Basic RNP1
002	DF	OB700	–	–	-7.7	–	–	–	–	–	Basic RNP1
003	TF	OLIVE	–	103 (094.9)	-7.7	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)	-7.7	–	–	+1400	–	–	Basic RNP1
002	DF	OLIVE	–	–	-7.7	–	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	–	–	-7.7	–	–	–	–	–	Basic RNP1
002	TF	HYOGO	–	085 (076.8)	-7.7	27.6	–	–	–	–	Basic RNP1
003	TF	SANDA	–	084 (076.4)	-7.7	18.6	–	–	–	–	Basic RNP1

SHTLE TRANSITION

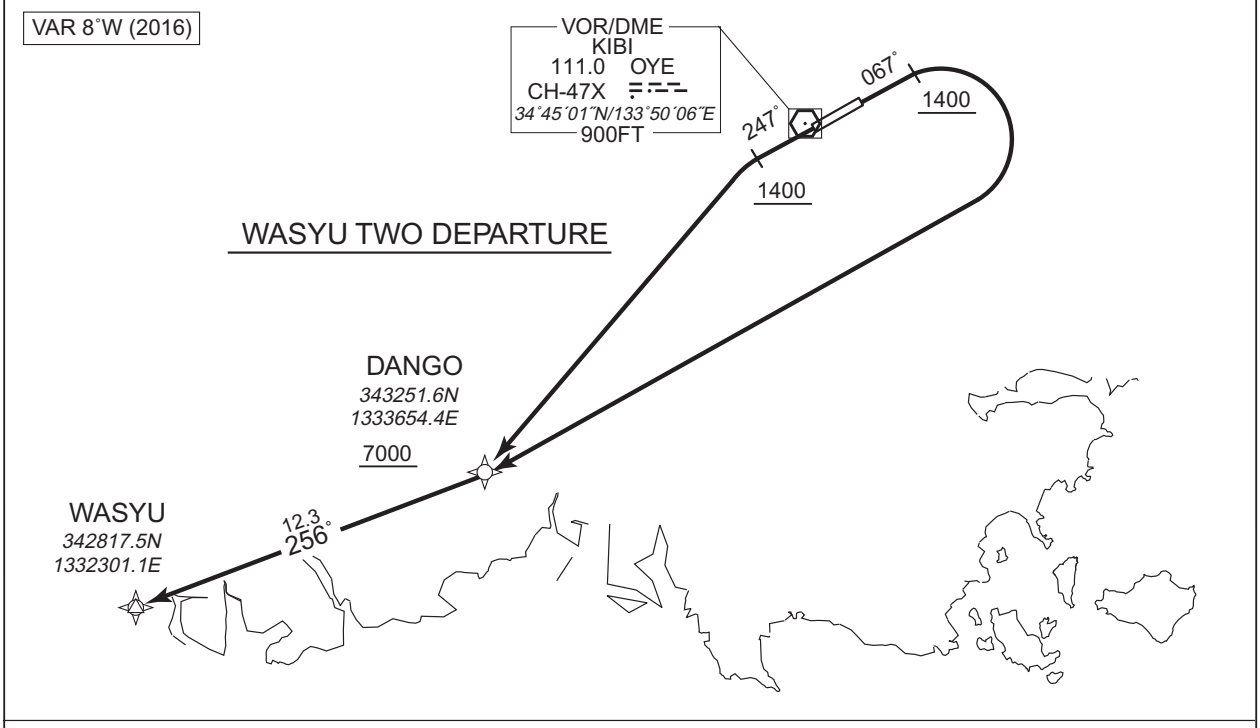
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	OLIVE	–	–	-7.7	–	–	–	–	–	Basic RNP1
002	TF	HYOGO	–	085 (076.8)	-7.7	27.6	–	–	–	–	Basic RNP1
003	TF	SANDA	–	084 (076.4)	-7.7	18.6	–	–	–	–	Basic RNP1
004	TF	SHTLE	–	102 (093.9)	-7.7	78.3	–	–	–	–	Basic RNP1

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)	-7.7	—	—	+1400	—	—	Basic RNP1
002	DF	DANGO	—	—	-7.7	—	R	+7000	—	—	Basic RNP1
003	TF	WASYU	—	256 (248.3)	-7.7	12.3	—	—	—	—	Basic RNP1

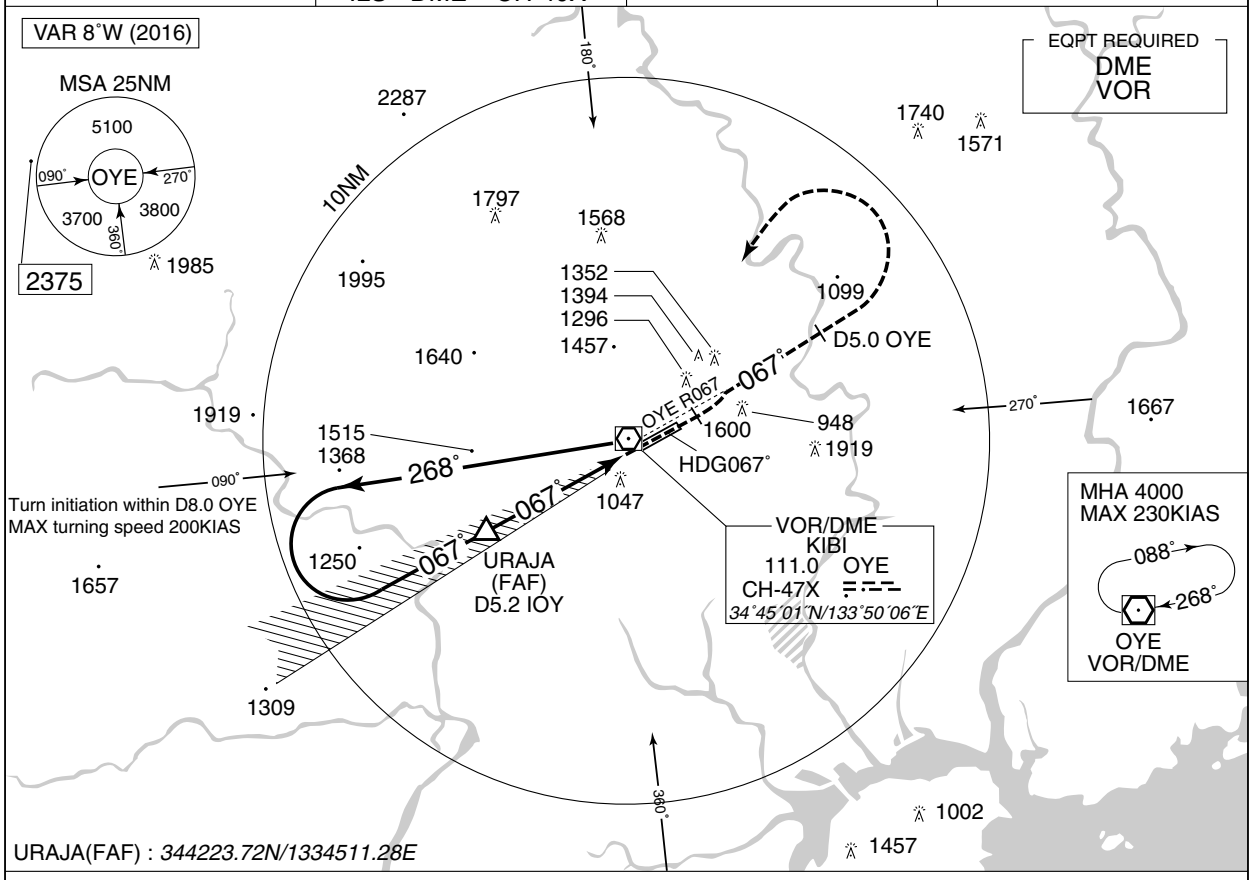
RWY25

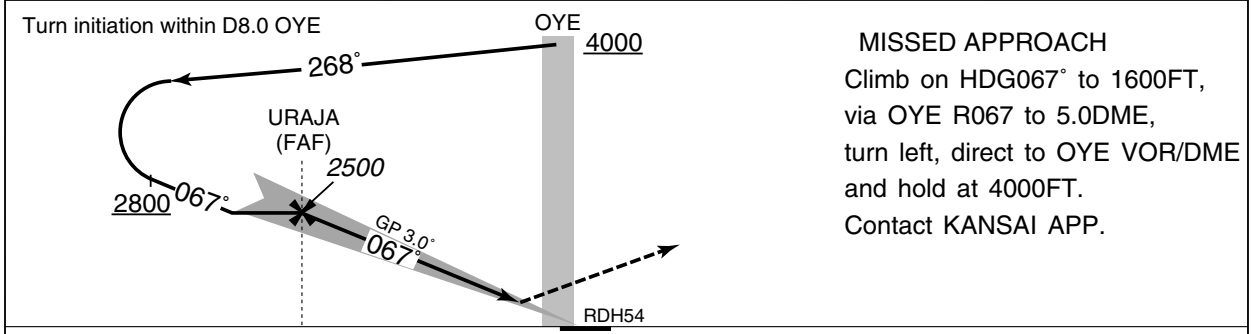
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	247 (239.1)	-7.7	—	—	+1400	—	—	Basic RNP1
002	DF	DANGO	—	—	-7.7	—	L	+7000	—	—	Basic RNP1
003	TF	WASYU	—	256 (248.3)	-7.7	12.3	—	—	—	—	Basic RNP1

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%

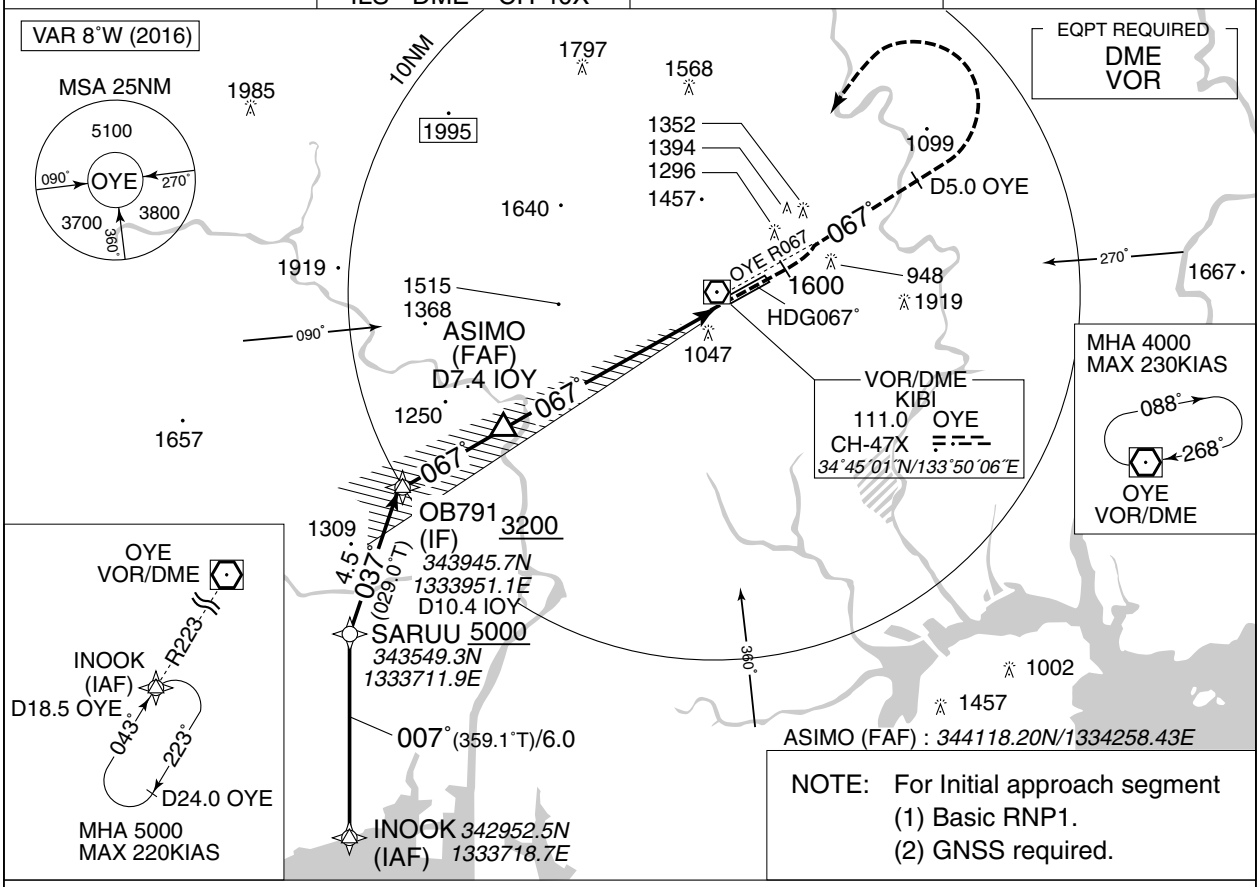
MINIMA	THR elev. 806		AD elev. 785	
CAT	CAT Ⅰ		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	1006 (200)	550	1510 (725)	1600
B				
C				2400
D				3200

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

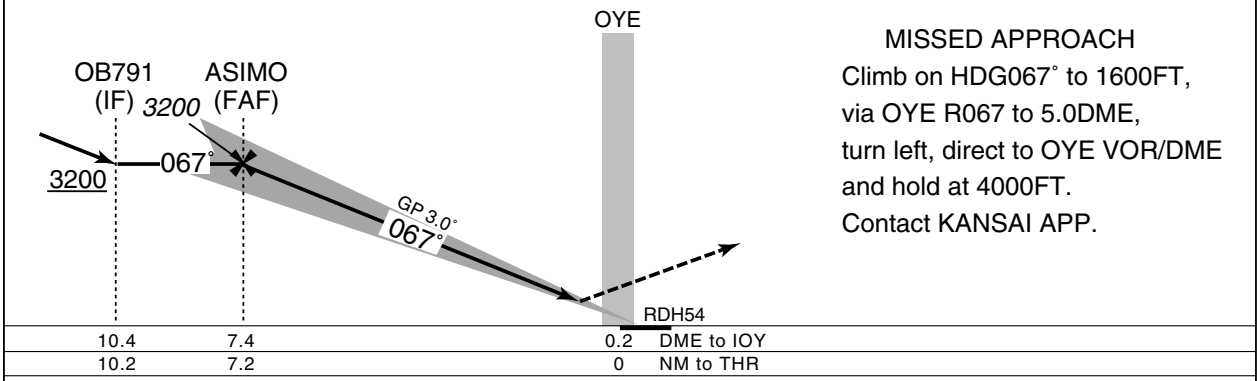
INSTRUMENT APPROACH CHART

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%

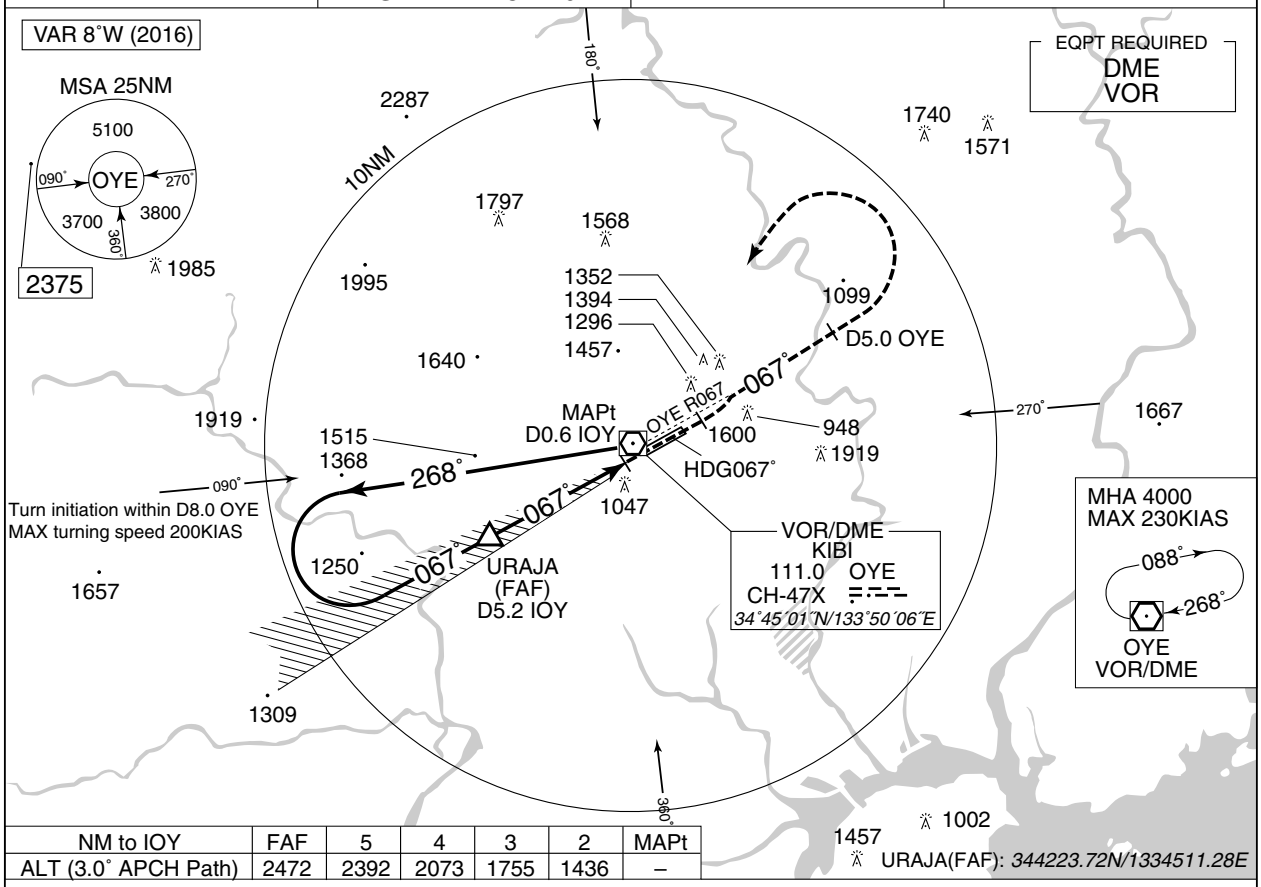
MINIMA	THR elev. 806		AD elev. 785	
CAT	CAT Ⅰ		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	1006 (200)	550	1510 (725)	1600
B				
C				2400
D				3200

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

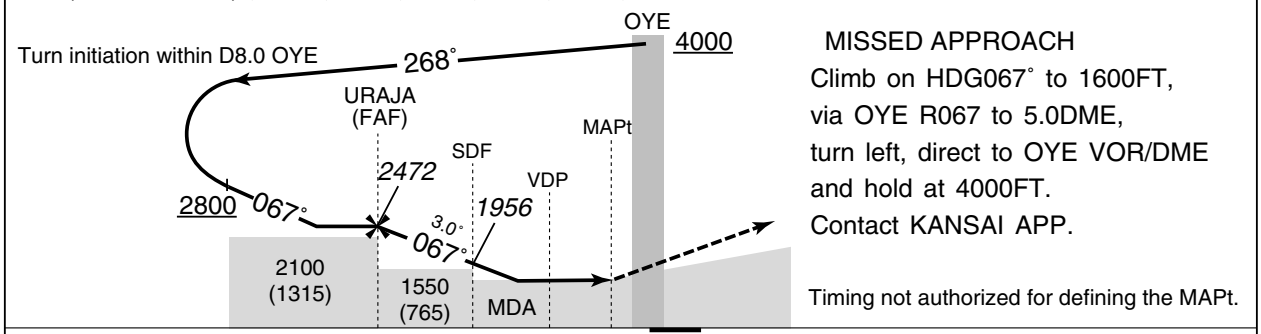
INSTRUMENT APPROACH CHART

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%

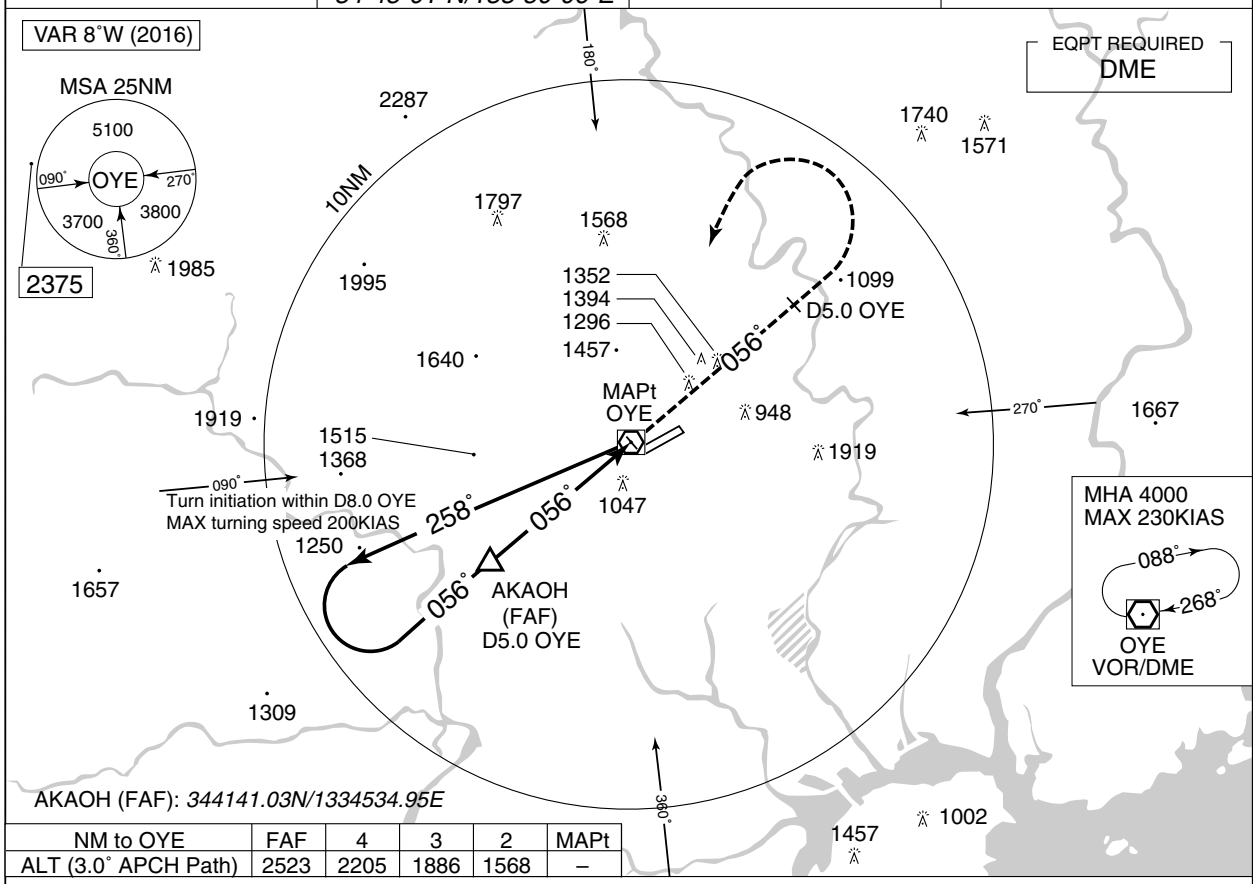
MINIMA	THR elev. 806		AD elev. 785	
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	1240 (455)	1000	1510 (725)	1600
B		1200		
C				2400
D		1600		3200

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

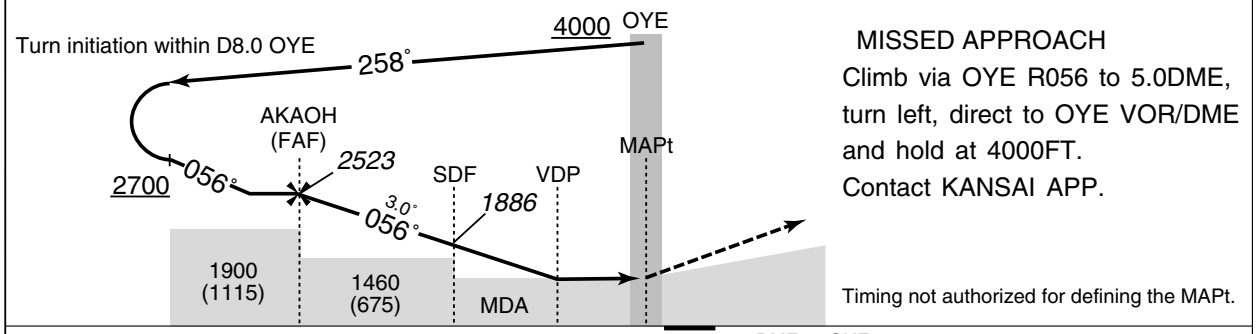
INSTRUMENT APPROACH CHART

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%

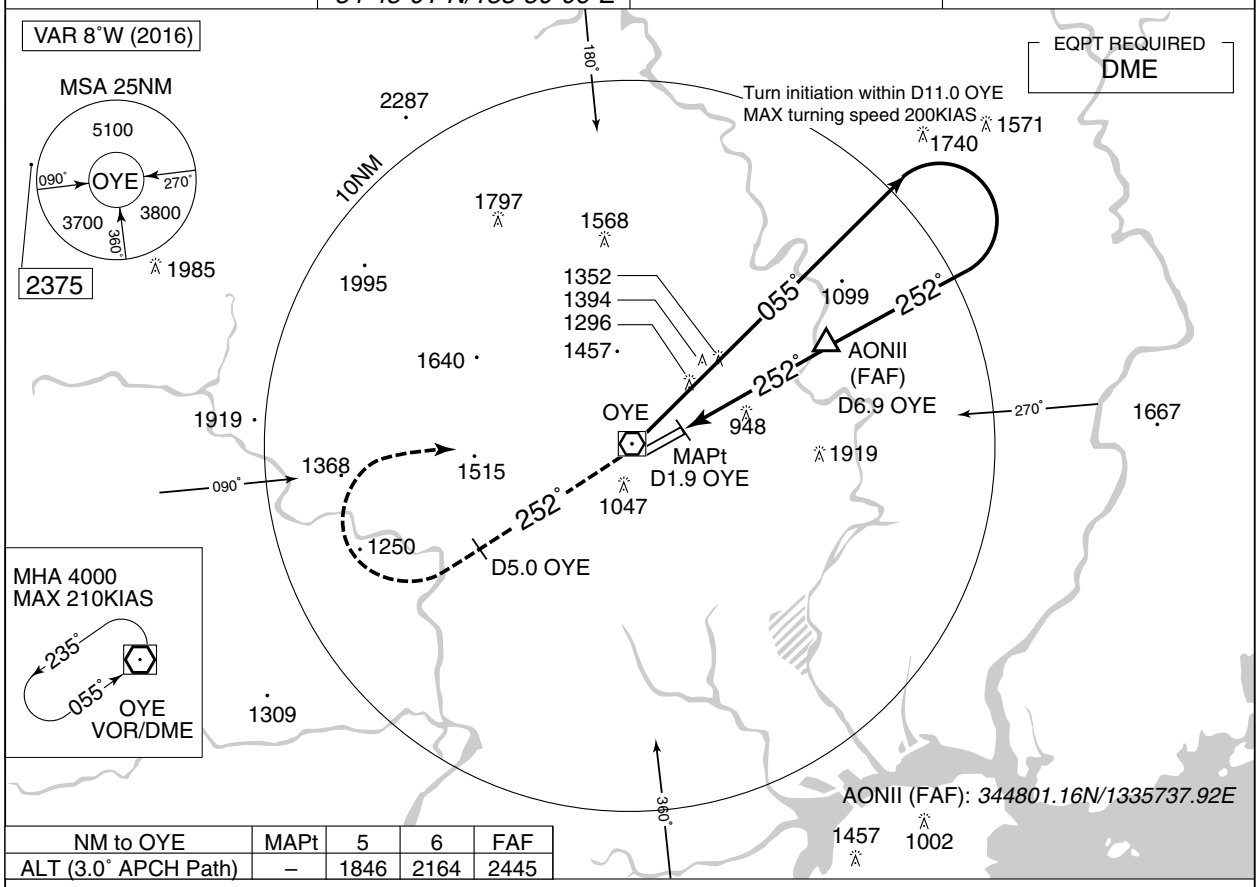
MINIMA	THR elev. 806		AD elev. 785	
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	1350 (565)	1000	1510 (725)	1600
B		1200		
C				2400
D		1600		3200

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

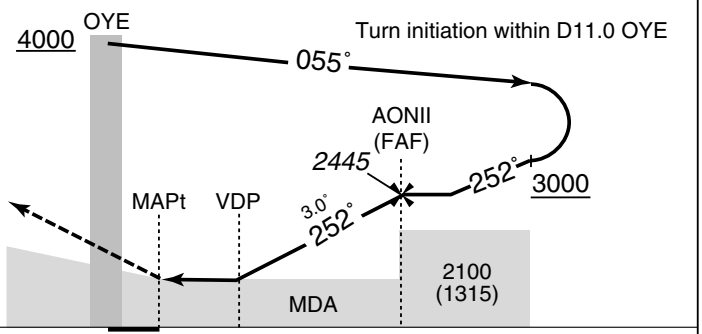
KANSAI APP	KIBI VOR/DME 111.0 OYE CH-47X *34˚45´01˝N/133˚50´06˝E*	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2		124.3 - 126.2	



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

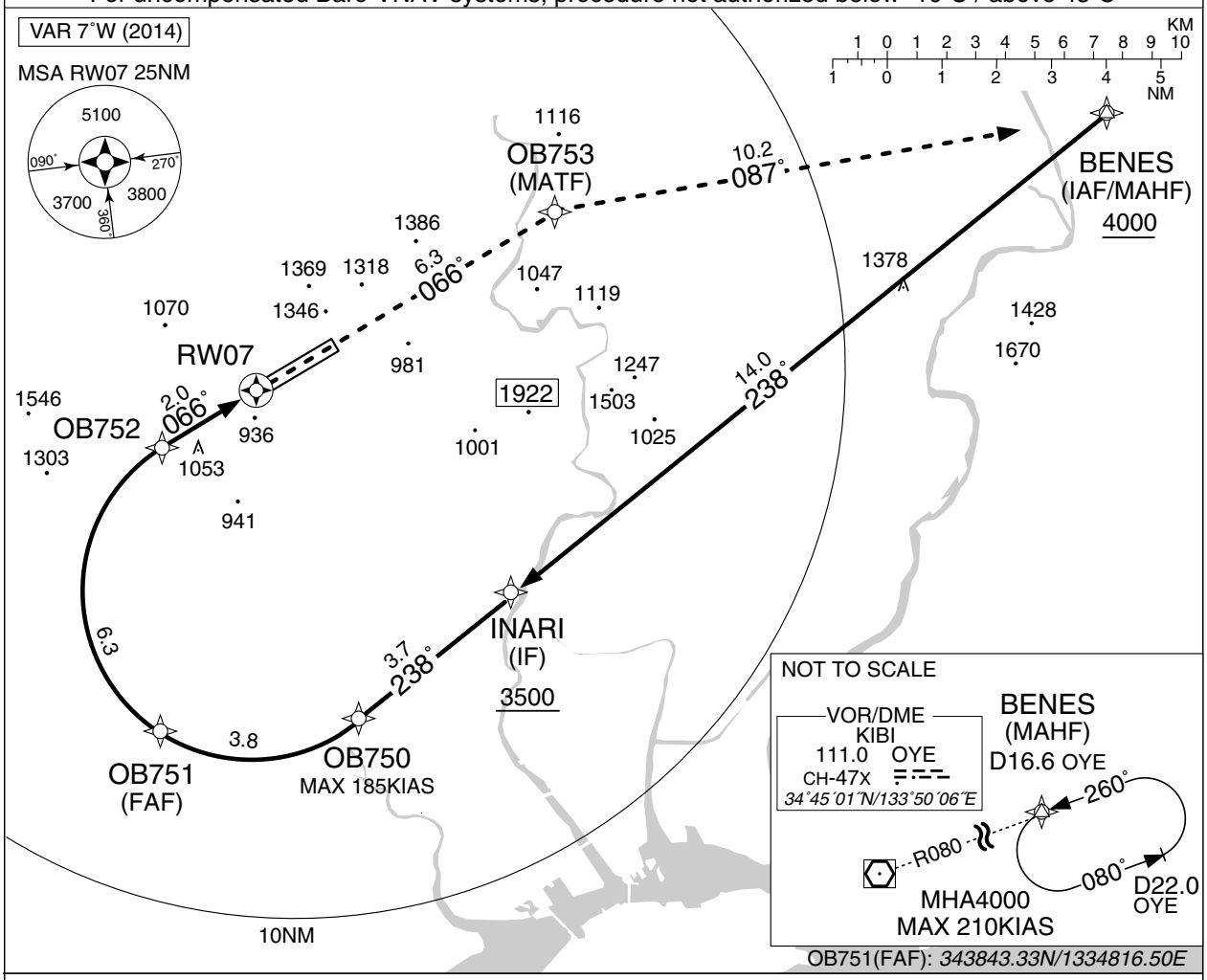
Circling to SOUTH side of RWY only.

INSTRUMENT APPROACH CHART

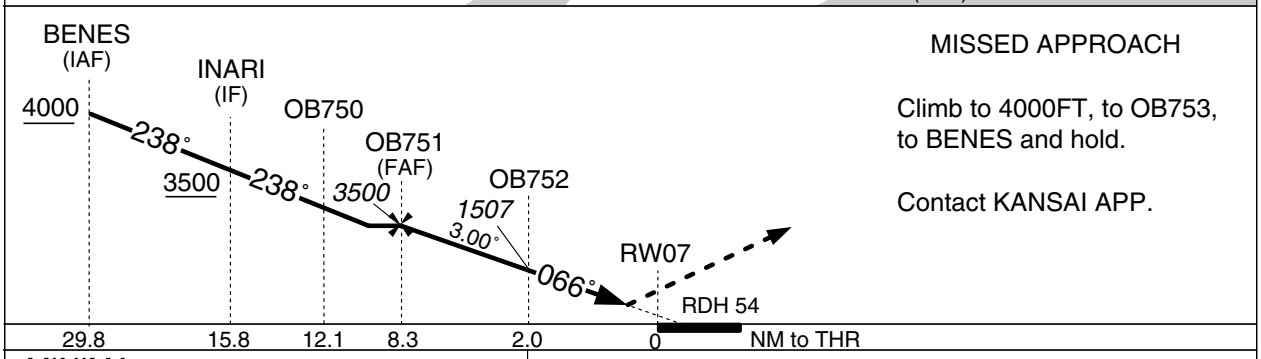
RJOB / OKAYAMA — RNAV(RNP) RWY07

KANSAI APP	GNSS and RF required	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2		124.3 – 126.2	

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



OB751(FAF): *343843.33N/1334816.50E*



MISSED APPROACH

Climb to 4000FT, to OB753, to BENES and hold.

Contact KANSAI APP.

MINIMA THR elev. 806 AD elev. 785

CAT	RNP 0.30	
	DA(H)	RVR/CMV
A	–	–
B		
C	1233 (427)	1000
D		1400

Missed APCH climb gradient MNM 4.0%.

RNP AR

Special Authorization Required

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA RNAV(RNP) RWY07

RNAV (RNP) RWY07

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	–	–	-7.4	–	–	+4000	–	–	–
002	TF	INARI	–	238 (231.0)	-7.4	14.0	–	+3500	–	–	1.0
003	TF	OB750	–	238 (230.9)	-7.4	3.7	–	–	-185	–	1.0
004	RF Center: OBRF1 r=3.07NM	OB751	–	–	-7.4	3.8	R	3500	–	–	1.0
005	RF Center: OBRF1 r=3.07NM	OB752	–	–	-7.4	6.3	R	1507	–	-3.00	0.3
006	TF	RW07	Y	066 (059.1)	-7.4	2.0	–	860	–	-3.00/54	0.3
007	TF	OB753	–	066 (059.1)	-7.4	6.3	–	–	–	–	1.0
008	TF	BENES	–	087 (079.6)	-7.4	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*		
OB753	*344814.99N / 1335705.97E*		
BENES	*345004.35N / 1340919.47E*		

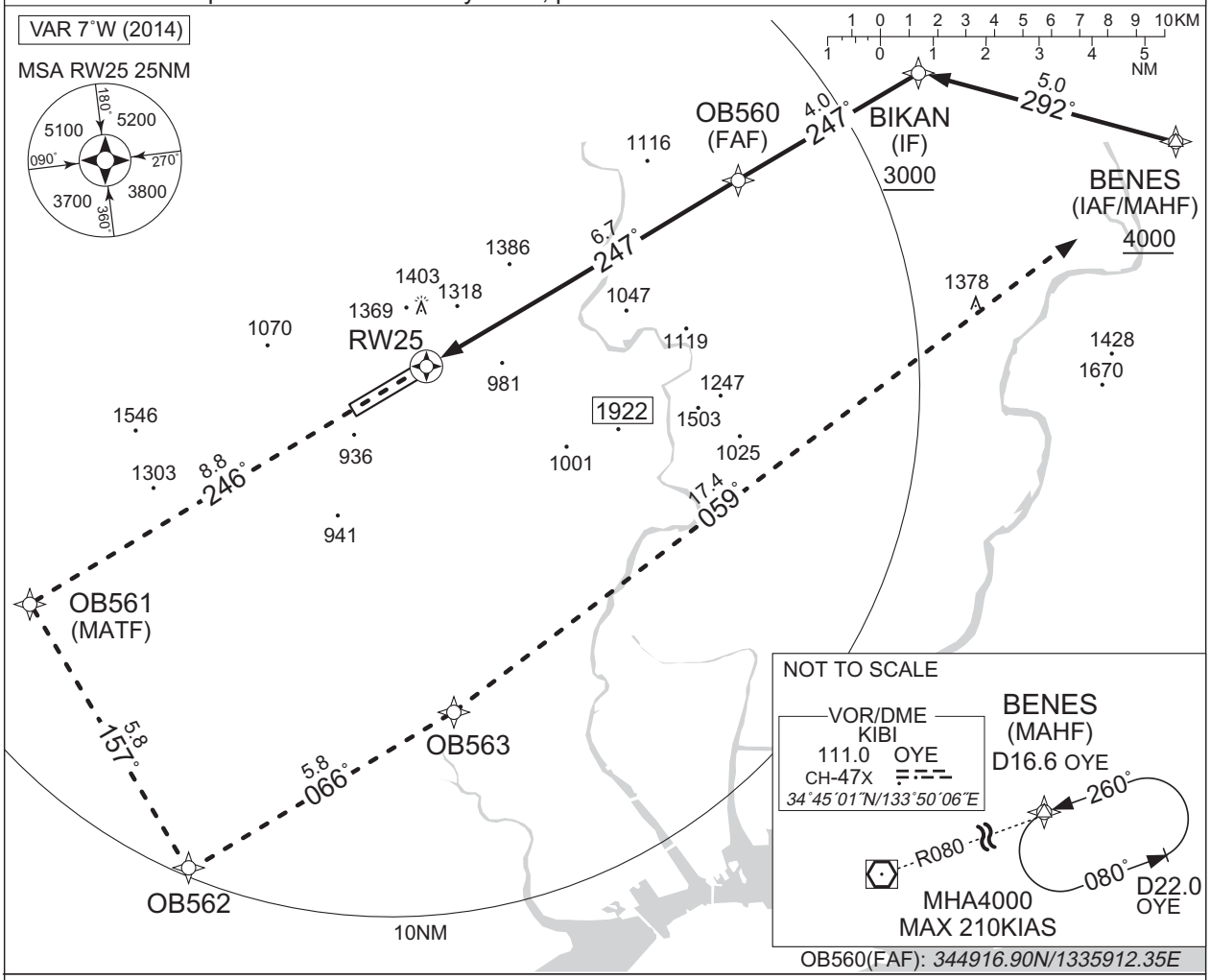
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNAV(RNP) RWY25

KANSAI APP	GNSS required	OKAYAMA TOWER	RADAR AVBL
121.2 - 120.4 - 261.2		124.3 – 126.2	

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

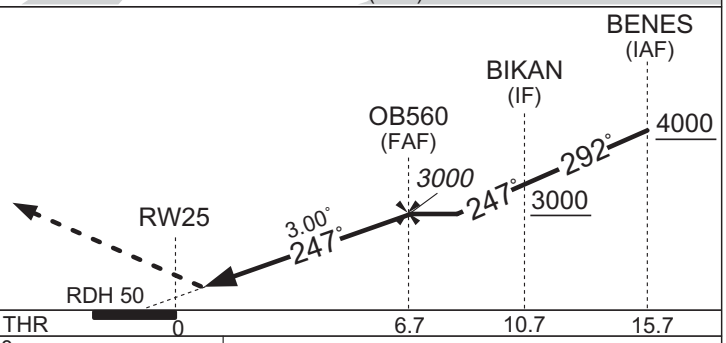


OB560(FAF): *344916.90N/1335912.35E*

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.

RNP AR

Special Authorization Required

CHANGE : Missed APCH, MINIMA.

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA RNAV(RNP) RWY25

RNAV (RNP) RWY25

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	—	—	-7.4	—	—	+4000	—	—	—
002	TF	BIKAN	—	292 (284.5)	-7.4	5.0	—	+3000	—	—	1.0
003	TF	OB560	—	247 (239.2)	-7.4	4.0	—	3000	—	—	1.0
004	TF	RW25	Y	247 (239.1)	-7.4	6.7	—	854	—	-3.00/50	0.10 0.30
005	TF	OB561	—	246 (239.1)	-7.4	8.8	—	—	—	—	1.0
006	TF	OB562	—	157 (149.3)	-7.4	5.8	—	—	—	—	1.0
007	TF	OB563	—	066 (059.1)	-7.4	5.8	—	—	—	—	1.0
008	TF	BENES	—	059 (051.6)	-7.4	17.4	—	4000	—	—	1.0

Waypoint Coordinates

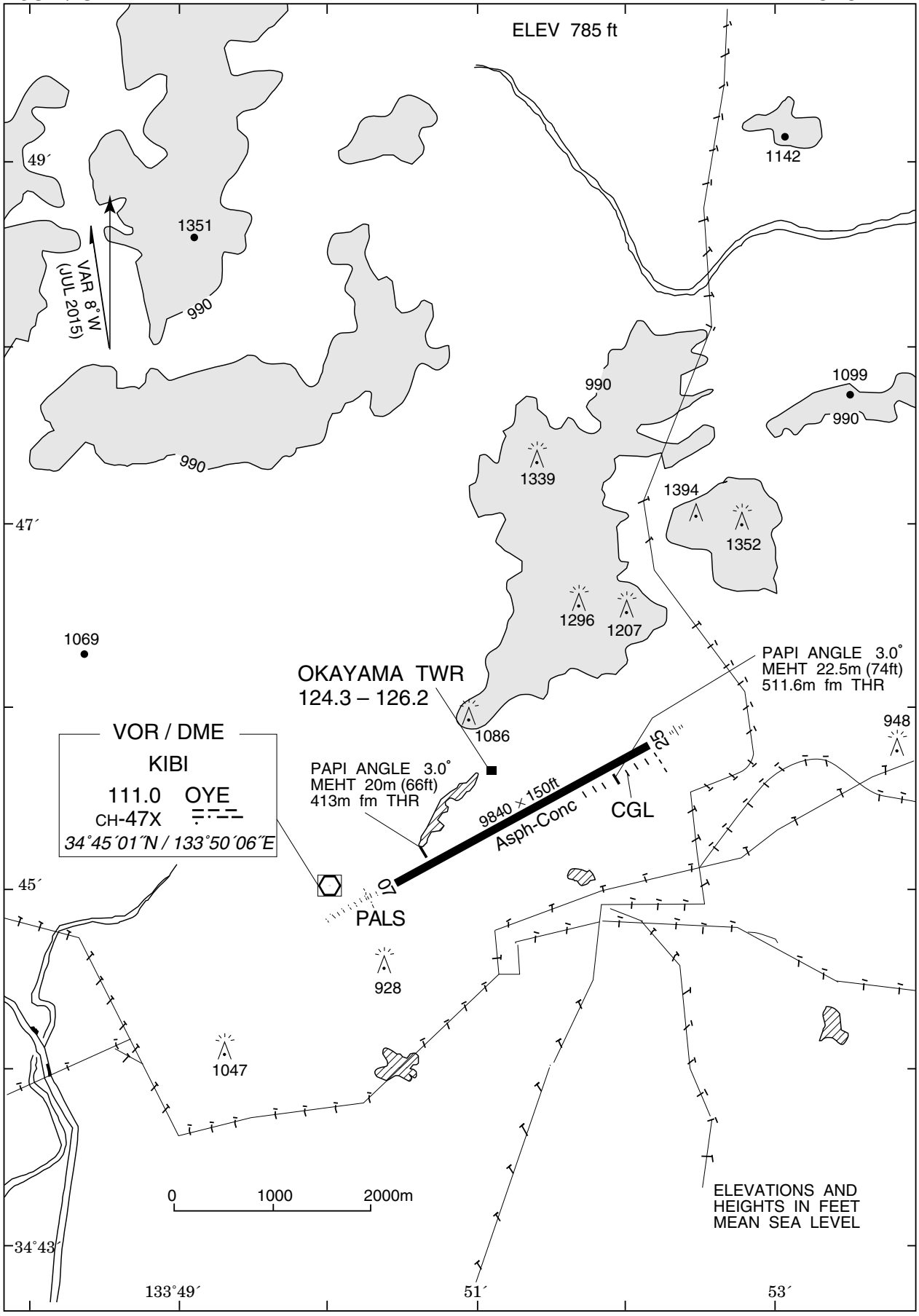
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
BIKAN	*345119.60N / 1340323.18E*	—	—
OB560	*344916.90N / 1335912.35E*		
RW25	*344549.88N / 1335210.24E*		
OB561	*344119.10N / 1334300.25E*		
OB562	*343617.70N / 1334637.94E*		
OB563	*343917.37N / 1335242.76E*		
BENES	*345004.35N / 1340919.47E*		

RJOB / OKAYAMA

Visual REP

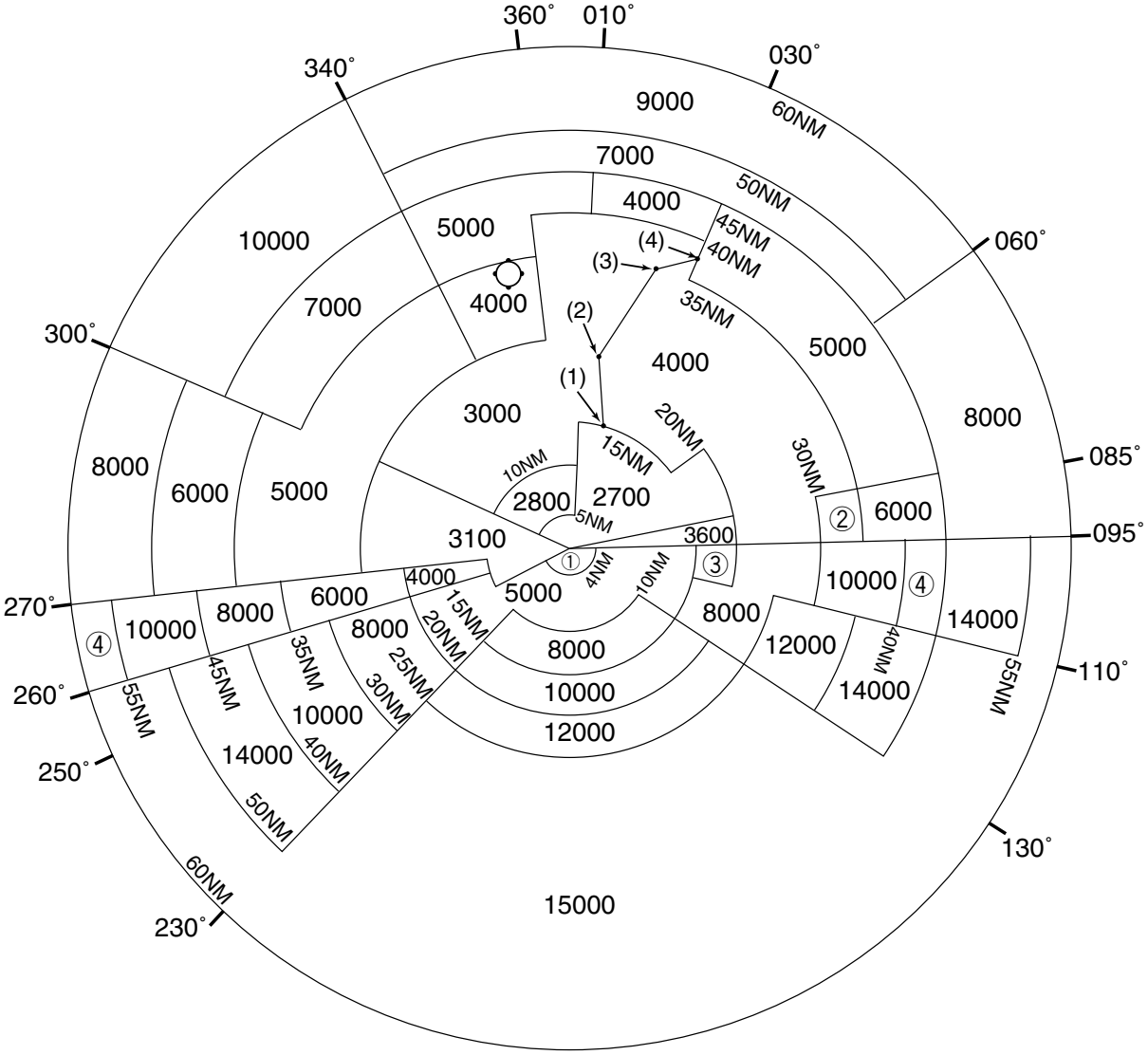
Call sign	BRG / DIST from ARP	Remarks
江　与　味 Eyomi	356˚/11.5NM	江与味橋 Bridge
高　　梁 Takahashi	285˚/11.9NM	JR駅 JR Station
倉　　敷 Kurashiki	212˚/10.2NM	JR駅 JR Station
岡　　山 Okayama	156˚/ 6.2NM	JR駅 JR Station
山　陽ＩＣ Sanyo IC	102˚/ 8.4NM	山陽インターチェンジ Sanyo Highway Interchange

RJOB / OKAYAMA LDG CHART



RJOB / OKAYAMA Minimum Vectoring Altitude CHART

VAR 7˚W (2009)



① 4000
② 5000
③ 6000
④ 12000

(1) *342745N/1340555E*
(2) *343708N/1340544E*
(3) *344652N/1341352E*
(4) *344751N/1341904E*

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

INTENTIONALLY LEFT BLANK