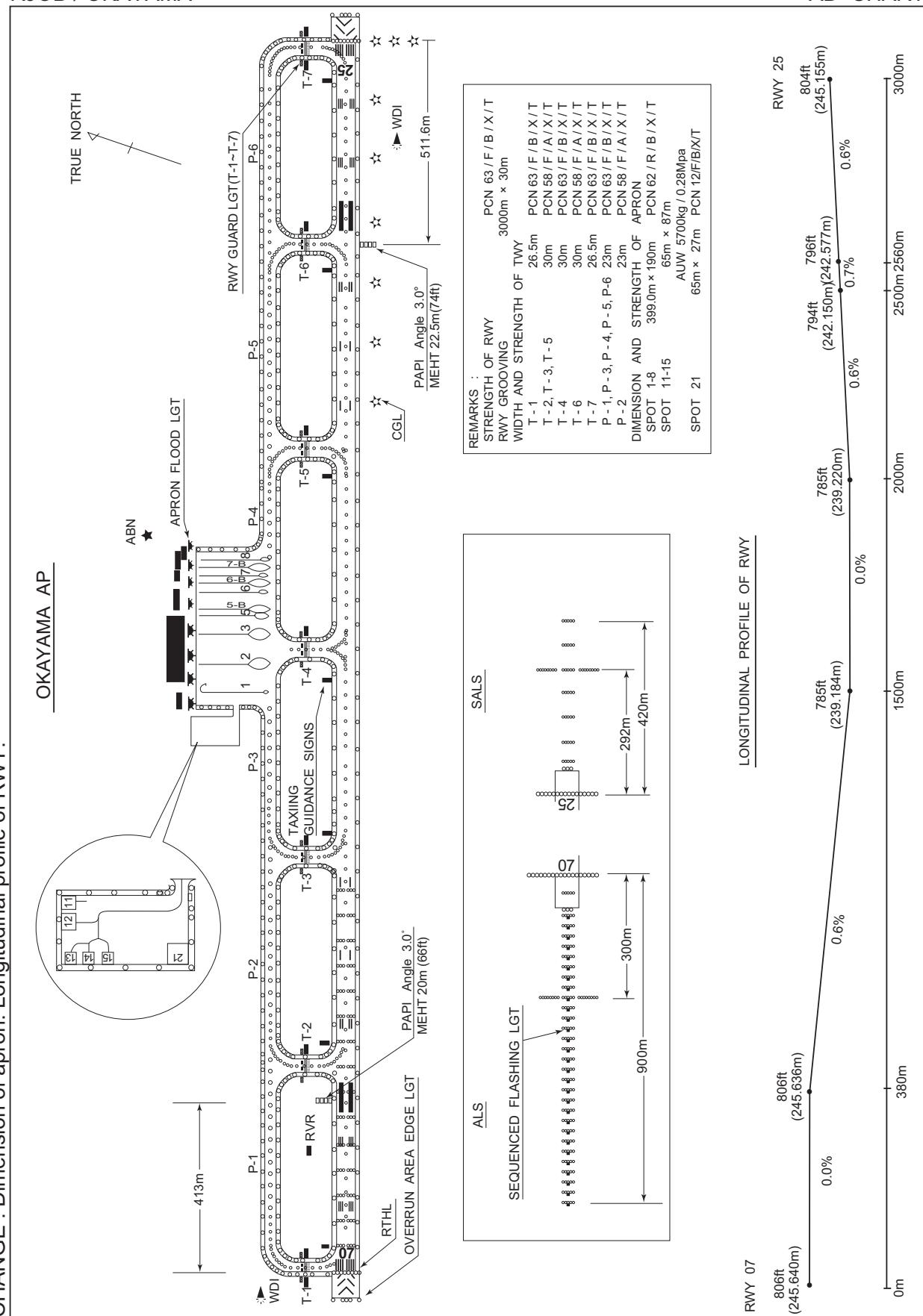


RJOB / OKAYAMA

AD CHART



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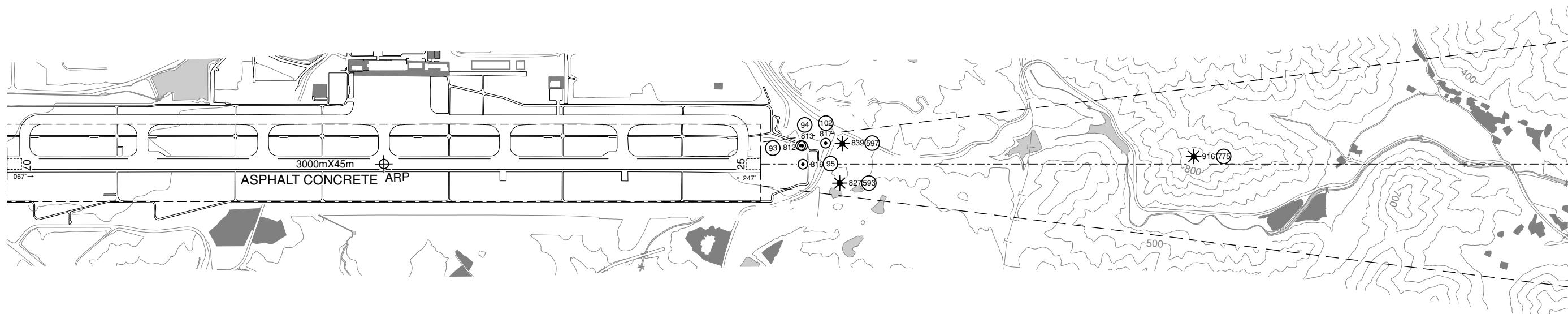
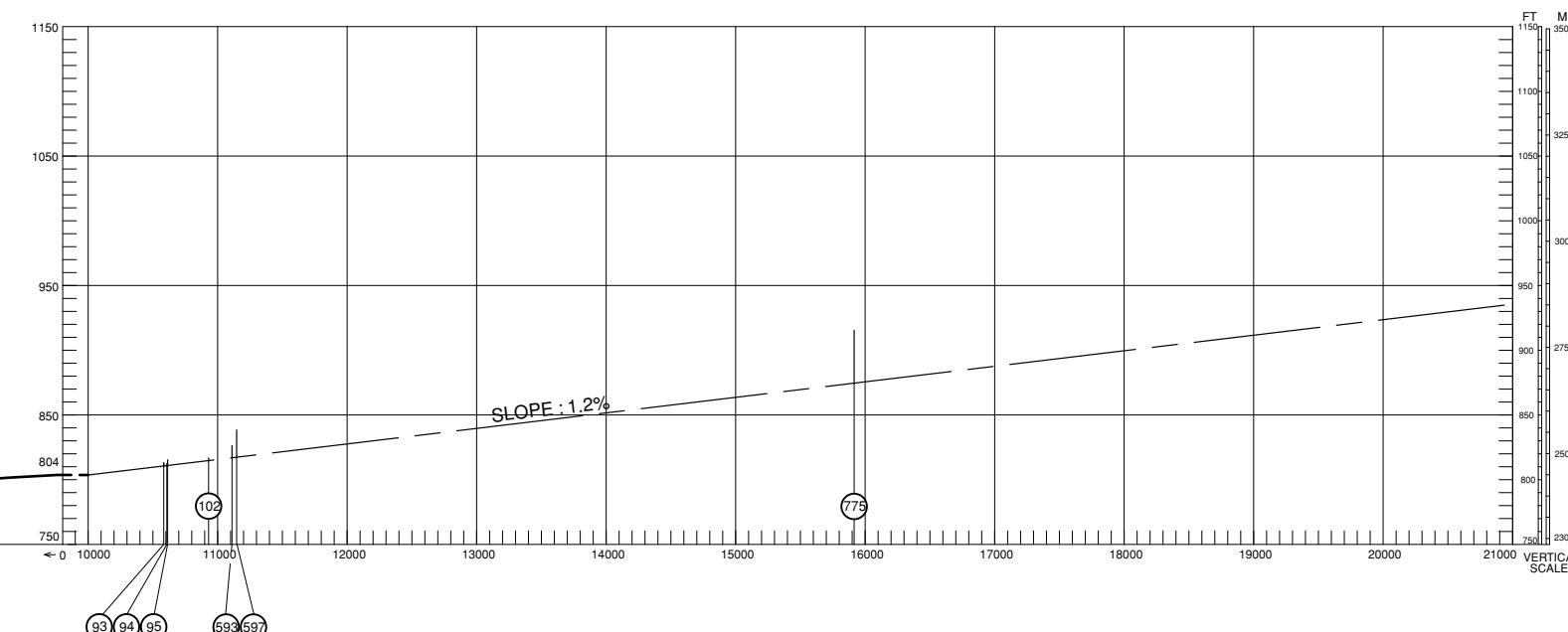
AERODROME OBSTACLE CHART-ICAO TYPE A (OPERATING LIMITATIONS)

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

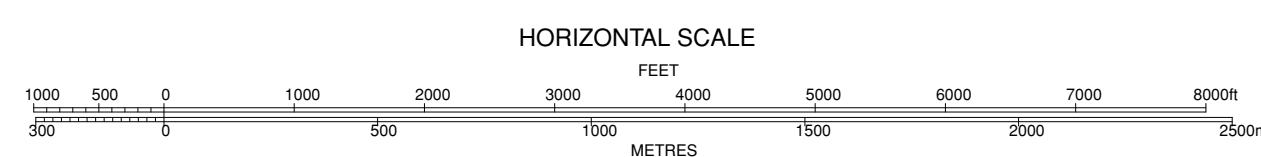
MAGNETIC VARIATION 8° W-MAR 2017

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		AMENDMENT RECORD		
		Nr	DATE	ENTERED BY
①	IDENTIFICATION NUMBER			
②	POLE, TOWER, SPIRE, ANTENNA, ETC.			
＊	TREE		LEVEE	
—+—	RAILROAD		RIVER	
—+—	TRANSMISSION LINE OR OVERHEAD CABLE			
△	TRIANGULATION POINT			
★	AERONAUTICAL GROUND LIGHT			



DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

MAGNETIC VARIATION 8° W-MAR 2017



DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

AERODROME OBSTACLE CHART-ICAO TYPE B



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

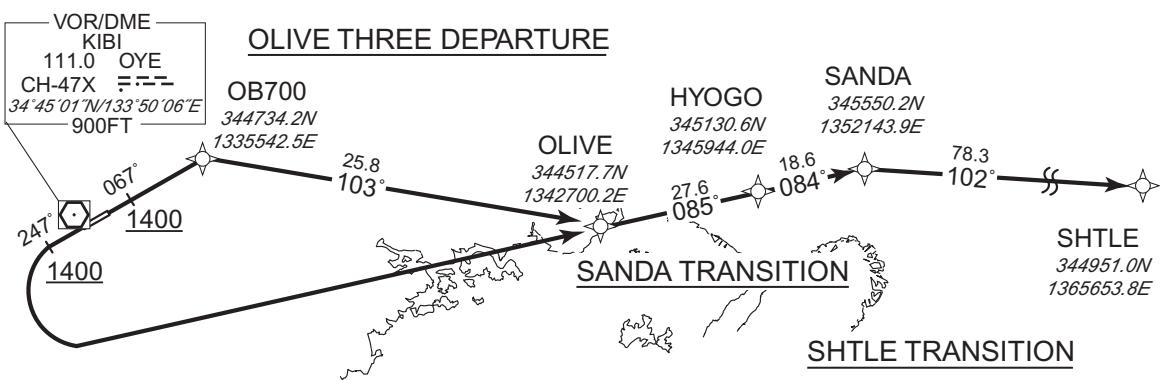
RNAV SID and TRANSITION

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

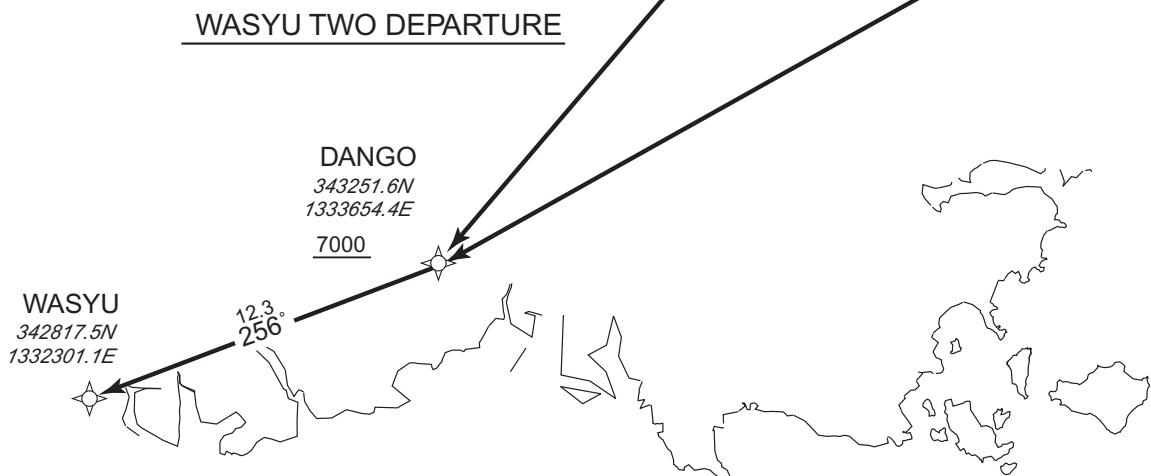
Basic RNP1

Note GNSS required.

VAR 8°W (2021)

VOR/DME
KIBI
111.0 OYE
CH-47X
34°45'01"N/133°50'06"E
900FT

067°
1400

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



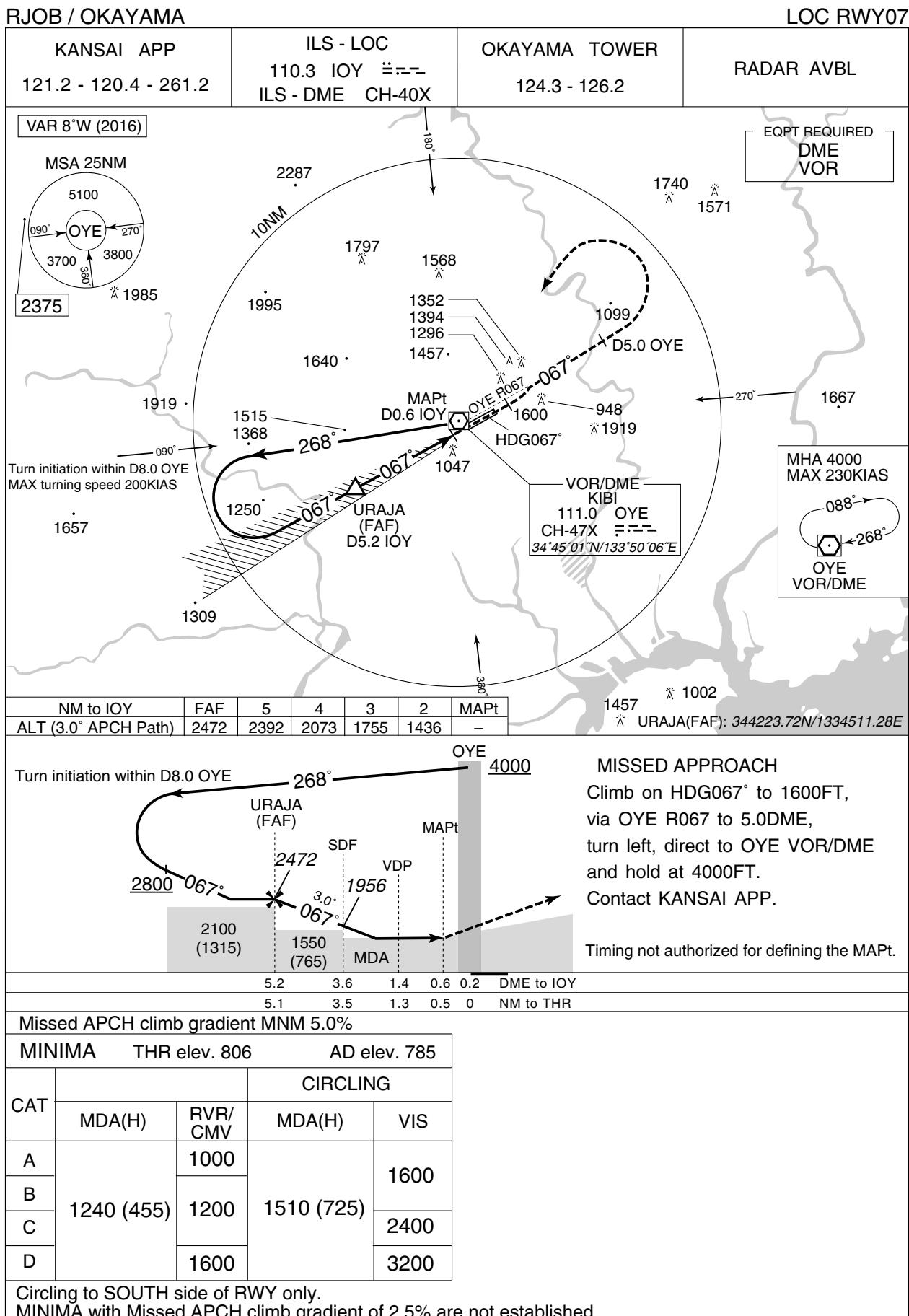
INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

ILS Y RWY07



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

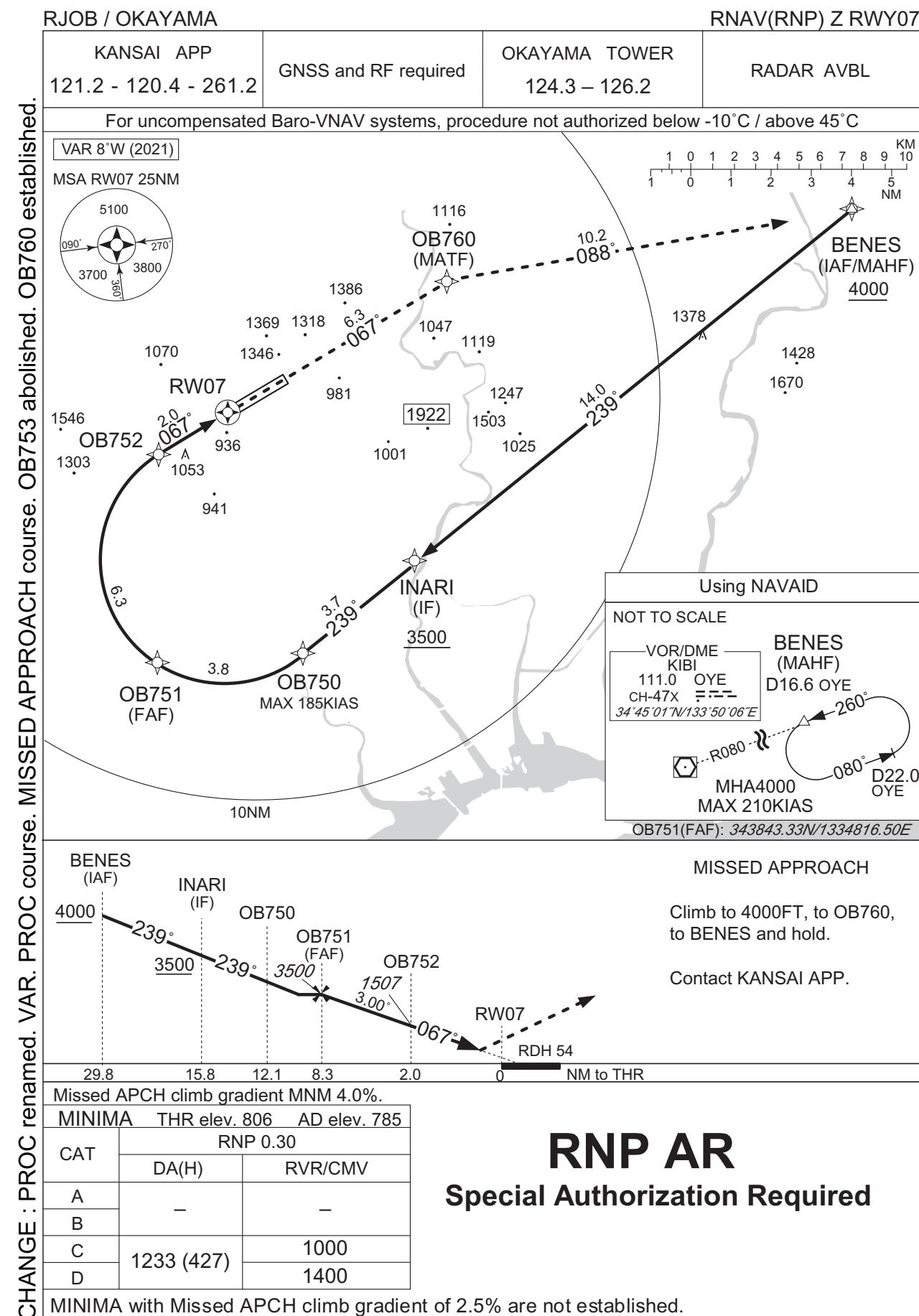
RJOB / OKAYAMA

VOR RWY07

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

**RNP AR****Special Authorization Required**

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNAV(RNP) Z RWY07

CHANGE : PROC renamed. VAR. PROC course. MISSED APPROACH course. OB753 abolished. OB760 established.

<u>RNAV (RNP) Z RWY07</u>											
<u>Coding Table</u>											
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

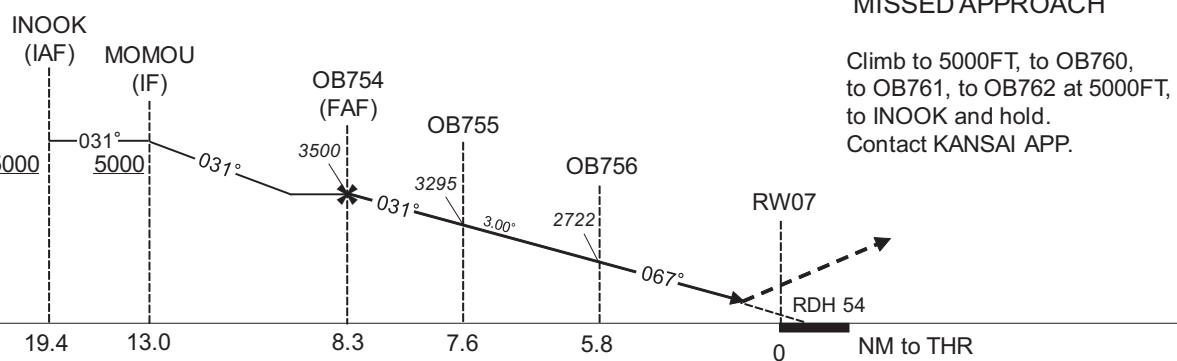
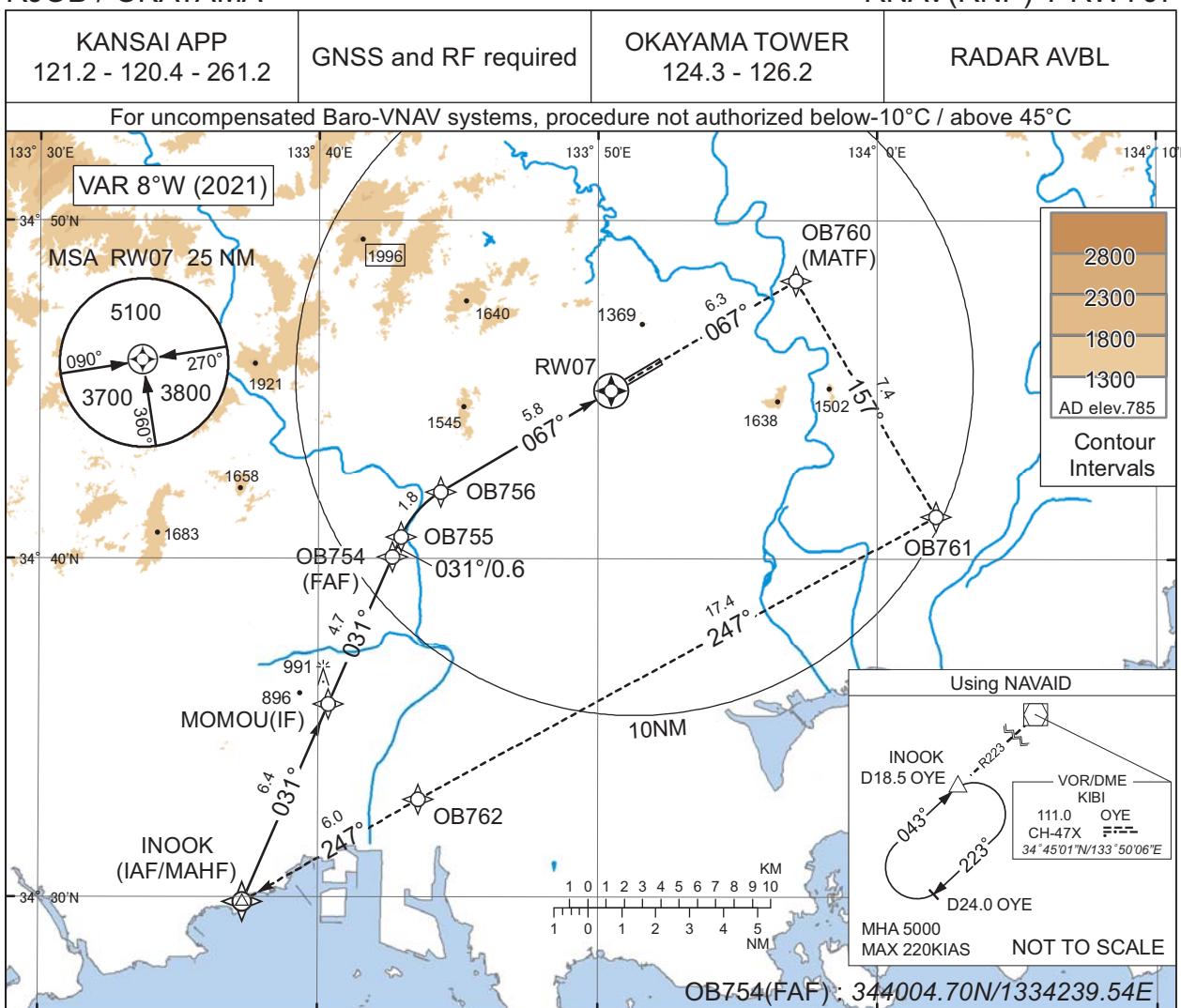
Waypoint Coordinates

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		

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNAV(RNP) Y RWY07



CHANGE : MISSED APPROACH PROC.

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.

RNP AR**Special Authorization Required**

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNAV(RNP) Y RWY07

RNAV(RNP) Y RWY07Coding Table

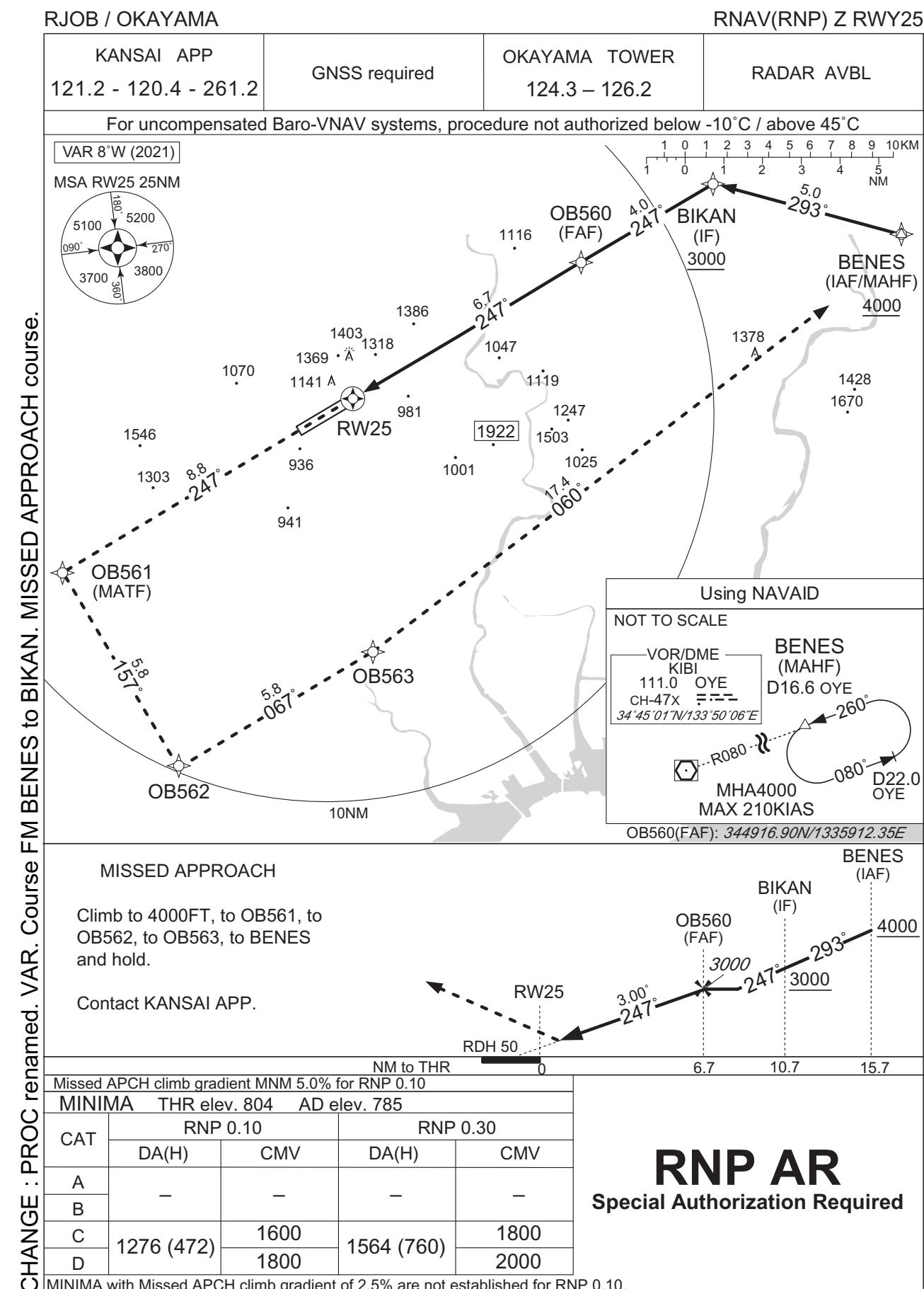
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	INOOK	-	-	-8.1	-	-	+5000	-	-	-
002	TF	MOMOU	-	031 (023.3)	-8.1	6.4	-	+5000	-	-	0.3
003	TF	OB754	-	031 (023.3)	-8.1	4.7	-	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 : New PROC.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNAV(RNP) Z RWY25

RNAV (RNP) Z RWY25Coding 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

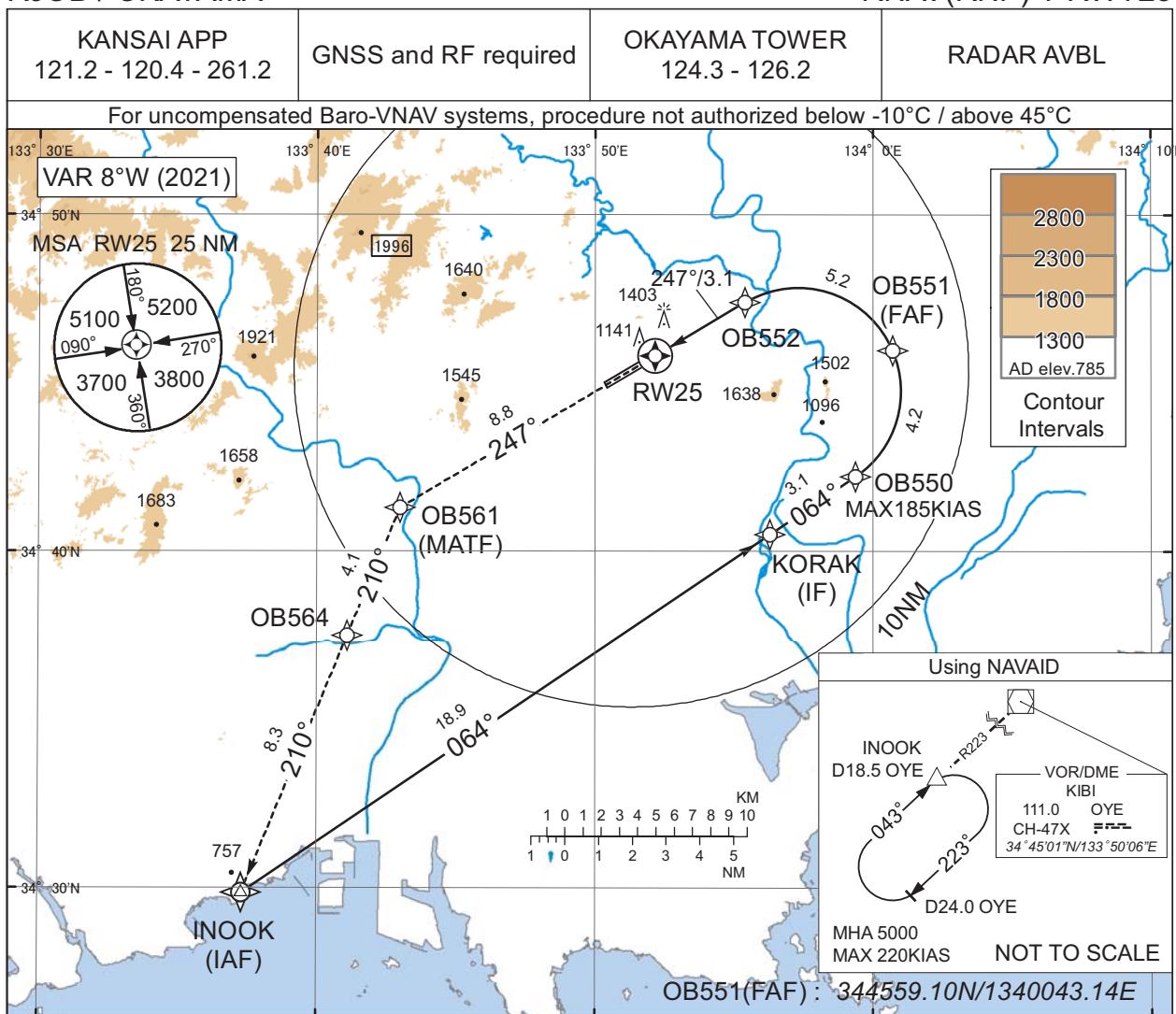
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
BIKAN	345119.60N / 1340323.18E	—	—
OB560	344916.90N / 1335912.35E		
RW25	344549.88N / 1335210.24E		
OB561	344119.10N / 1334300.25E		
OB562	343617.70N / 1334637.94E		
OB563	343917.37N / 1335242.76E		
BENES	345004.35N / 1340919.47E		

CHANGE : PROC renamed. VAR. Course FM BENES to BIKAN. MISSED APPROACH course.

INSTRUMENT APPROACH CHART

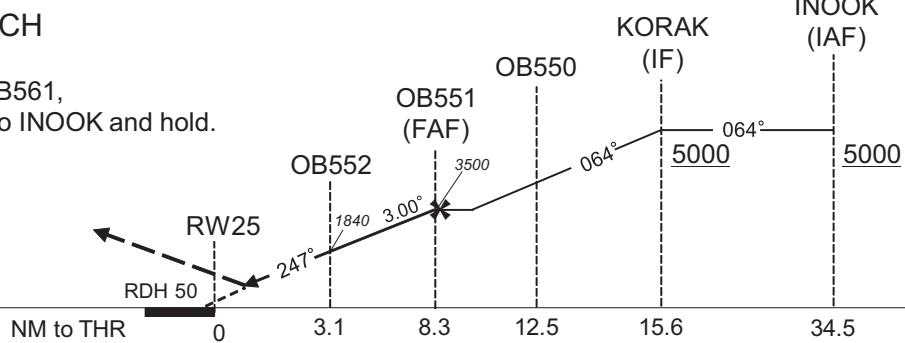
RJOB / OKAYAMA

RNAV(RNP) Y RWY25



MISSSED 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

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**

INSTRUMENT APPROACH CHART

RJOB / OKAYAMA

RNAV(RNP) Y RWY25

RNAV(RNP) Y RWY25Coding 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 : New PROC.

RJOB / OKAYAMA

Visual REP



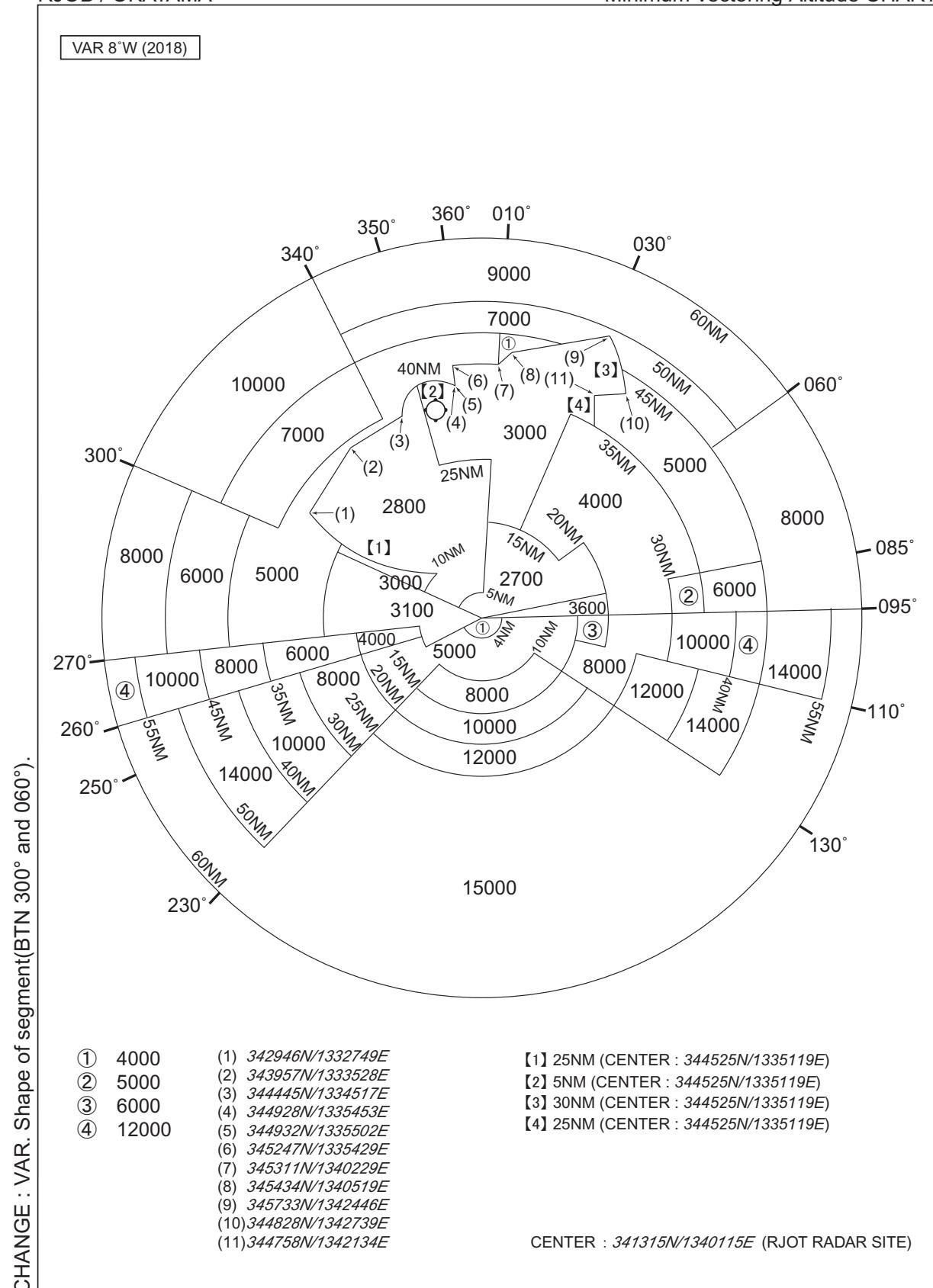
CHANGE : Map updated. BRG/DIST from ARP. Location indicator of Kohnan AD added.

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

Minimum Vectoring Altitude CHART



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