AD 2 AERODROMES

ROKJ AD 2.1 AERODROME LOCATION INDICATOR AND NAME

ROKJ - KUMEJIMA

ROKJ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*262149N/1264250E* 021°/1.0km from RWY 03 THR
2	Direction and distance from (city)	
3	Elevation/ Reference temperature	22.7ft / 33°C (2004-2008)
4	Geoid undulation at AD ELEV PSN	103ft
5	MAG VAR/ Annual change	5° W(2009) / 3.3'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	OKINAWA PREF. PUBLIC AP. Kumejima Airport Administration Office 566-2,aza-kitahara,kumejima-cho,shimajiri-gun,Okinawa pref. Tel:098-985-2939 Fax:098-985-2945
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Nil

ROKJ AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1030
2	Customs and immigration	On request Customs: 098-862-8529 Immigration: 098-832-4185
3	Health and sanitation	Quarantine(human): On request(098-868-1674) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24(NAHA)
7	ATS	2300 - 1030 REMARKS: Airport Remote Mobile Communication Service provided by Naha FSC.
8	Fuelling	Nil
9	Handling	Ask AD administration
10	Security	Ask AD administration
11	De-icing	Nil
12	Remarks	Nil

ROKJ AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Conveyer belt, Lift for loading, etc
2	Fuel/ oil types	Nil
3	Fuelling facilities/ capacity	Nil
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

ROKJ AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in Kumejima town
2	Restaurants	At Airport In Kumejima town
3	Transportation	Buses and Taxi
4	Medical facilities	Hospital 6.5km from Airport
5	Bank and Post Office	Bank in Kumejima town / Post Office in Kumejima town
6	Tourist Office	In Kumejima town
7	Remarks	Nil

ROKJ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 7
2	Rescue equipment	Chemical fire fighting truck x 2 Emergency medical equipments conveyance truck
3	Capability for removal of disabled aircraft	Incapable
4	Remarks	Nil

ROKJ AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Not Applicable
2	Clearance priorities	Not Applicable
3	Remarks	Nil

ROKJ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Cement-concrete Strength : PCN 55/R/B/X/T
2	Taxiway width, surface and strength	Width : 30m Surface : Asphalt-concrete Strength : PCN 63/F/C/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1 *262151.24N 1264300.15E* 2 *262153.06N 1264300.93E* 3 *262154.88N 1264301.71E* 3' *262155.07N 1264301.18E*
6	Remarks	Nil

ROKJ 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:RWY03/21 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point , TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RENL, Turning point indicator LGT, TWY: (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

ROKJ AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

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

In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings/LGT	Remarks
Lighthouse	*262217.0N 1264347.0E*	184ft	-/-	Above the horizontal surface
Forest	*262200.97N 1264434.56E*	302ft	-/LIM(Red)	Above the horizontal surface
Tree	*262150.63N 1264421.72E*	221ft	-/-	Above the horizontal surface
Tree	*262151.27N 1264429.65E*	234ft	-/-	Above the horizontal surface
Tree	*262142.83N 1264435.29E*	235ft	-/-	Above the horizontal surface
Pole	*262220.11N 1264428.19E*	225ft	-/-	Above the horizontal surface
Pole	*262207.56N 1264430.56E*	237ft	-/-	Above the horizontal surface

ROKJ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NAHA
2	Hours of service MET Office outside hours	H24(NAHA)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at NAHA
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	REMOTE
10	Additional information(limitation of service, etc.)	Nil

ROKJ 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
03	021.17°	2000x45	PCN 63/F/C/X/T Asphalt Concrete	*262118.32N* *1264236.67E* 103ft	THR ELEV:21.7ft
21	201.17°	2000x45	PCN 63/F/C/X/T Asphalt Concrete	*262218.92N* *1264302.73E* 104ft	THR ELEV:18.7ft

Slope of RWY	Strip Dimensions(M)	RESA (Overrun) Dimensions (M)	Remarks
7	10	11	14
See AD2.24 AD chart	2120x150	194 x (MNM:84 MAX:186)*	Hills E and NE RWY GROOVING : 2000m×30m
	2120x150	44 x (MNM:133 MAX:157)* *For detail, ask airport administrator	

ROKJ AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
03	2000	2000	2000	2000	Nil
21	2000	2000	2000	2000	Nil

ROKJ 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
03	Nil	Green -	PAPI 3.0°/LEFT 403.8m 61ft	Nil	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil (*1)
21	Nil	Green -	PAPI 3.0°/LEFT 380m 61ft	Nil	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil (*1)
Remarks								
10								
Overrun area edge LGT(LEN:60m Color:Red) (*1) RWY THR ID LGT for RWY 03/21 THR (Color:White)								

ROKJ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: *262150N*/1264307E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: RWY03 : 264m inside FM RWY03 THR, LGTD RWY21 : 286m inside FM RWY21 THR, LGTD
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 15 sec: PAPI, RWY THR ID LGT, etc
5	Remarks	WDI LGT

ROKJ AD 2.16 HELICOPTER LANDING AREA

Nil

ROKJ AD 2.17 ATS AIRSPACE

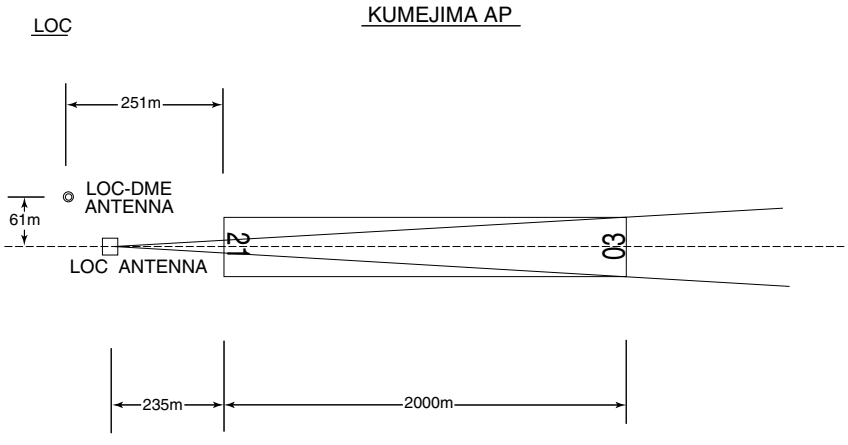
Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Kumejima Information Zone	Area within a radius of 5nm of Kumejima ARP (*2622N/12643E*), in the west side of a line connecting *262714N1264754E* and *261214N1264754E*.	------ 3000	E	Kumejima Remote En	

ROKJ AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	Kumejima Remote	122.7MHz	2300 - 1030	Remote air-ground facility controlled by Naha FSC. APP service provided by Naha APP.

ROKJ 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 (5°W/2008)	KXC	116.7MHz	H24	*262218.73N/ 1264319.43E*		VOR Unusable: 080°-100° beyond 25nm BLW 4,000ft. 100°-120° beyond 30nm BLW 4,000ft. 130°-150° beyond 30nm BLW 4,000ft.
TACAN	KXC	1201MHz (CH-114X)	H24	*262218.01N/ 1264317.89E*	54ft	TACAN DME Unusable: 080°-090° beyond 25nm BLW 4,000ft. 090°-110° beyond 25nm BLW 4,000ft. 110°-120° beyond 25nm BLW 4,000ft. 120°-130° beyond 30nm BLW 4,000ft. 130°-150° beyond 25nm BLW 4,000ft. 160°-170° beyond 20nm BLW 2,000ft. 170°-180° beyond 25nm BLW 2,000ft. 180°-210° beyond 30nm BLW 2,000ft. TACAN AZM Unusable: 070°-080° beyond 20nm BLW 4,000ft. 080°-160° beyond 25nm BLW 4,000ft. 160°-180° beyond 20nm BLW 2,000ft. 180°-200° beyond 10nm BLW 2,000ft. 200°-220° beyond 15nm BLW 2,000ft. 220°-230° beyond 20nm BLW 2,000ft. 230°-240° beyond 30nm BLW 3,000ft.
LOC	IKX	110.95MHz	2300 - 1030	*262226.05N/ 1264305.80E*		235m(771ft) away FM RWY 21 THR, BRG 025°(MAG).
LOC-DME	IKX	1133MHz (CH-46Y)	2300 -1030	*262225.79N/ 1264308.03E*	31ft	251m(824ft) away FM RWY 21 THR, 61m(200ft) E of RCL.



REMARKS : 1. LOC beam BRG(MAG) 025°
2. ELEV of LOC-DME 9.4m(31ft)

ROKJ 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

Nil

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

ROKJ AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

ROKJ AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

	RWY	REDL & RCLL AVBL		REDL or RCLL AVBL		REDL & RCLL OUT	
		CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
TKOF ALTN AP FILED	03	-	300´-800m	-	300´-1000m	-	300´-1200m
	21						
OTHER	03	AVBL LDG MINIMA					
	21						

NOTE: SIDs are designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

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

If radio communications with Naha Approach are lost for 1 minute, squawk Mode A/3 Code 7600 and :

(1) Contact Kumejima Remote.
(2) If unable, proceed in accordance with Visual Flight Rules.
(3) If unable, proceed to DORIS at the last assigned altitude or 3,000FT whichever is higher and execute instrument approach.

Note : Procedures other than above will be issued when required.

ROKJ AD 2.23 ADDITIONAL INFORMATION

Nil

ROKJ AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument
Standard Arrival Chart - Instrument
Instrument Approach Chart (VOR RWY 03)
Instrument Approach Chart (LOC RWY 03)
Other Chart (Visual REP)
Other Chart (MVA Chart)

NOTE: SIDs and IAPs are designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

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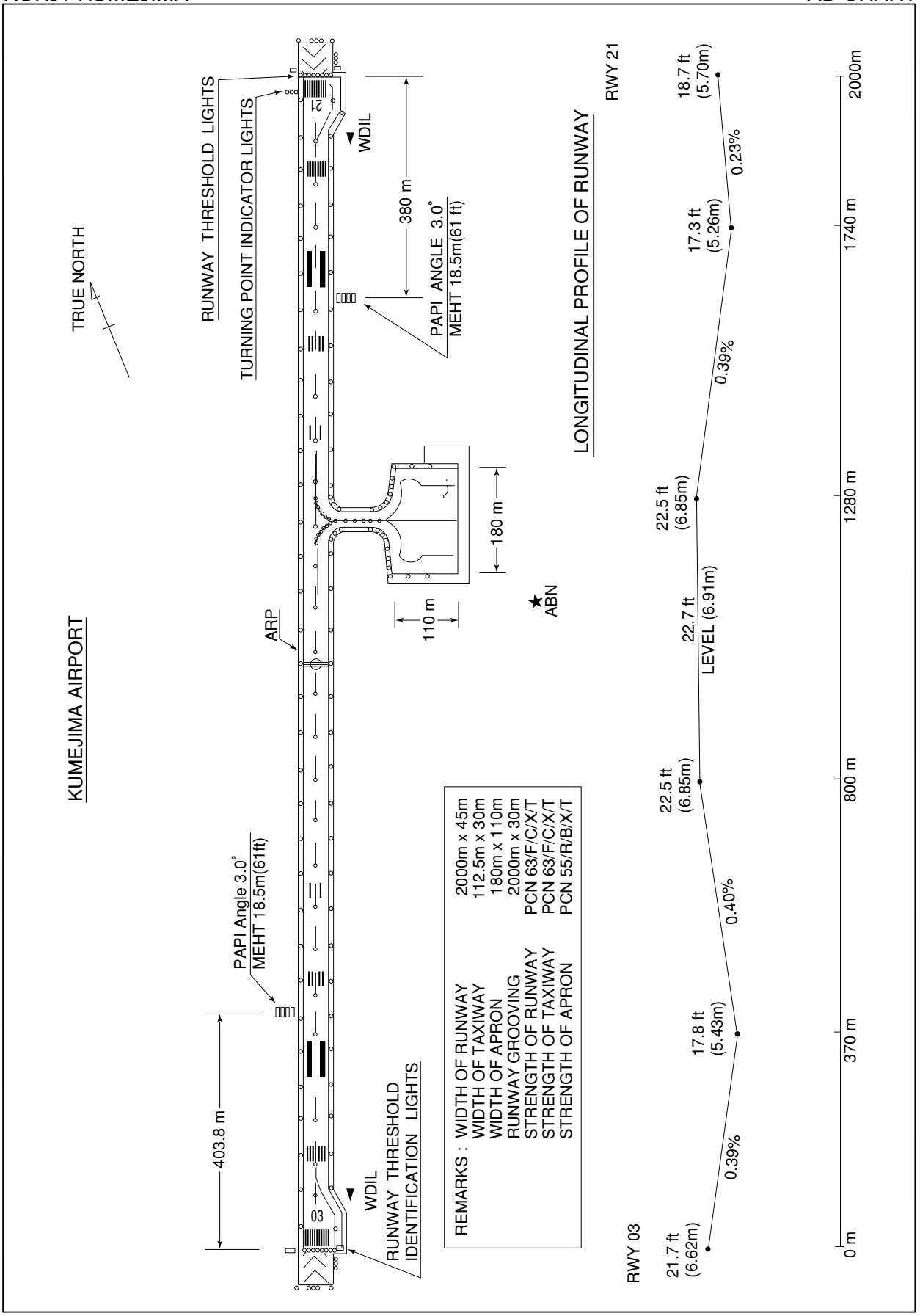
ROKJ / KUMEJIMA AD CHART



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STANDARD DEPARTURE CHART -INSTRUMENT

ROKJ / KUMEJIMA SID and TRANSITION

CHANGE : Correction of misdescription (BISIS)

DUFFY TWO DEPARTURE

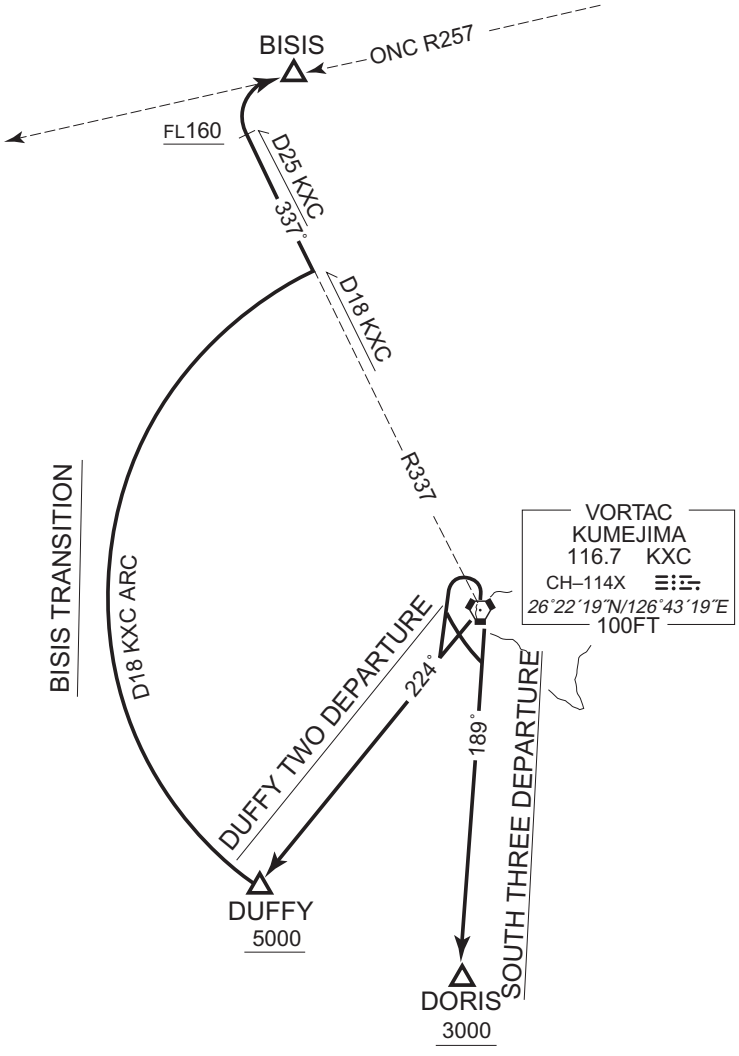
RWY03 : Turn left....
RWY21 : Turn right....
....Climb via KXC R224 to DUFFY.
Cross DUFFY at or above 5000FT.

BISIS TRANSITION

After DUFFY, turn right KXC 18DME clockwise arc to intercept and proceed via KXC R337 to 25DME, then turn right to intercept via ONC R257 to BISIS.
Cross KXC R337/25DME at or above FL160.

SOUTH THREE DEPARTURE

RWY03 : Turn left....
RWY21 : Turn left....
....Climb via KXC R189 to DORIS.
Cross DORIS at or above 3000FT.



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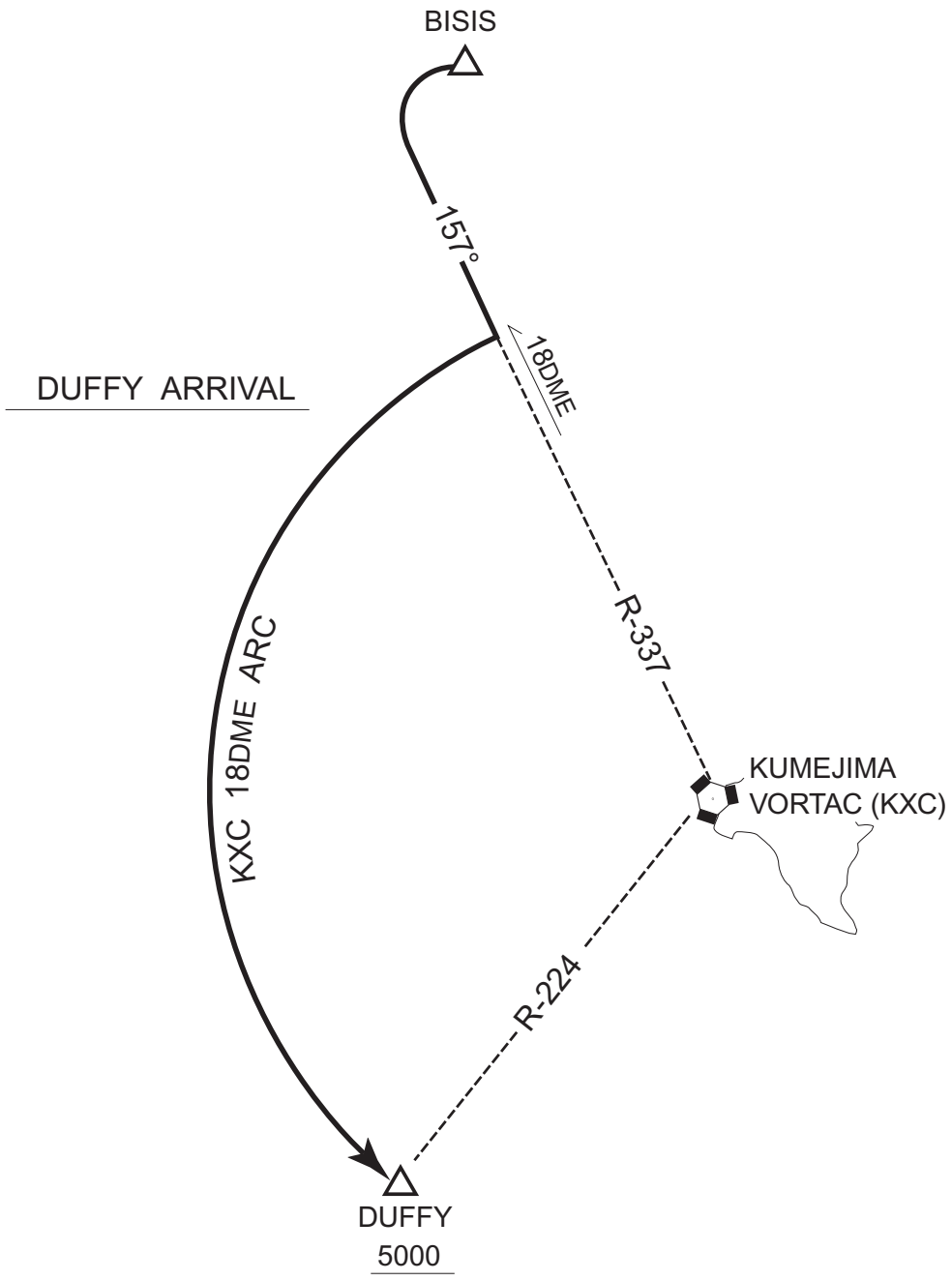
STANDARD ARRIVAL CHART-INSTRUMENT

ROKJ / KUMEJIMA STAR

DUFFY ARRIVAL

From over BISIS, turn left to intercept and proceed via KXC R-337 to 18DME, then turn right KXC 18DME counterclockwise arc to DUFFY.

Cross DUFFY at or above 5,000ft.



CHANGE : Correction of misdescription (BISIS)

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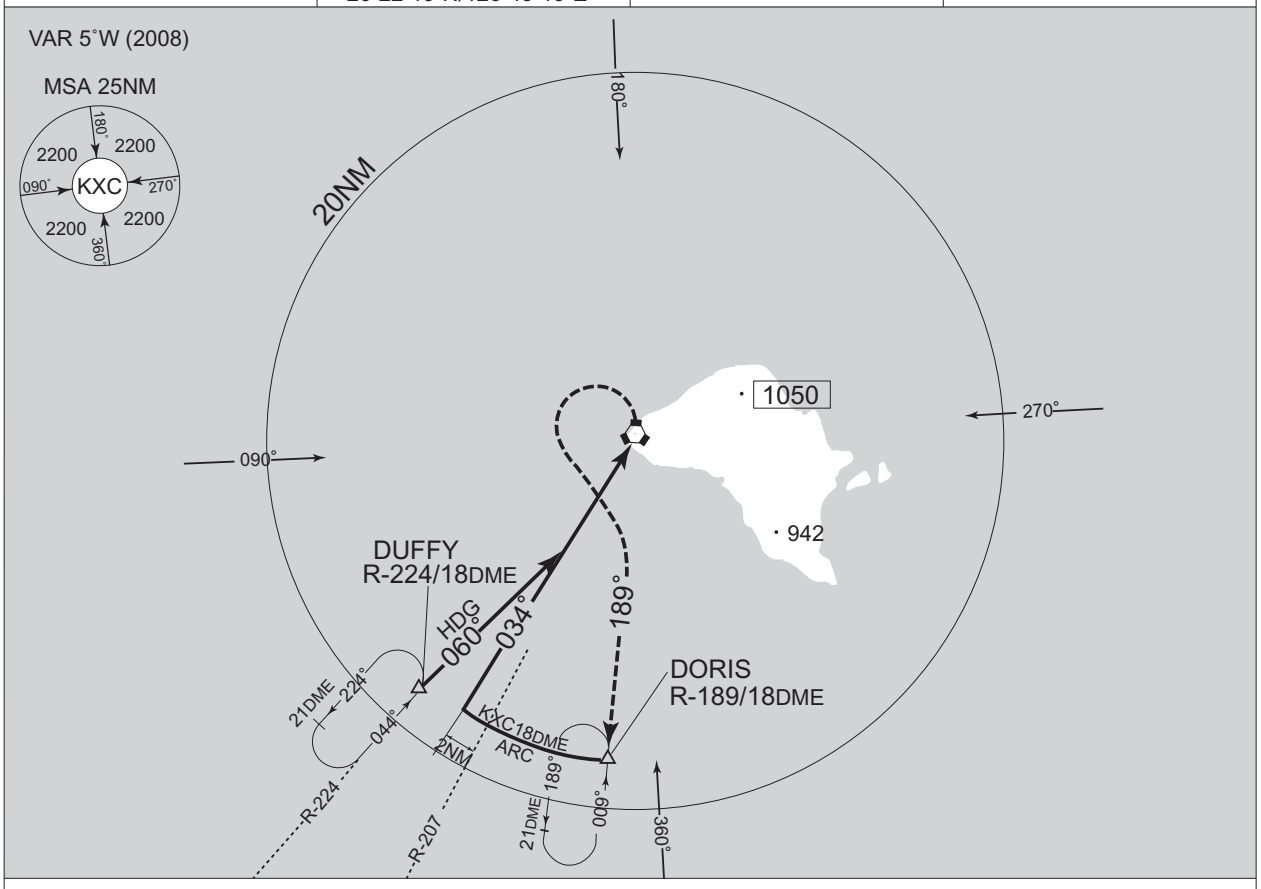
INSTRUMENT APPROACH CHART

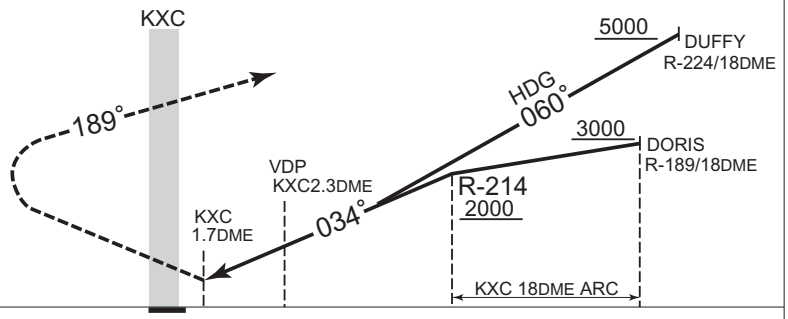
ROKJ / KUMEJIMA VOR RWY 03

NAHA APP	KUMEJIMA VORTAC	KUMEJIMA REMOTE	RADAR AVBL
119.1 - 335.8	116.7 KXC CH-114X *26˚22´19˝N/126˚43´19˝E*	122.7	



MISSED APPROACH

At 1.7DME prior to KXC VORTAC, turn left climb via KXC R189 to 3000FT proceed to DORIS and hold. Contact KUMEJIMA REMOTE.



MINIMA THR elev. 22 AD elev. 23

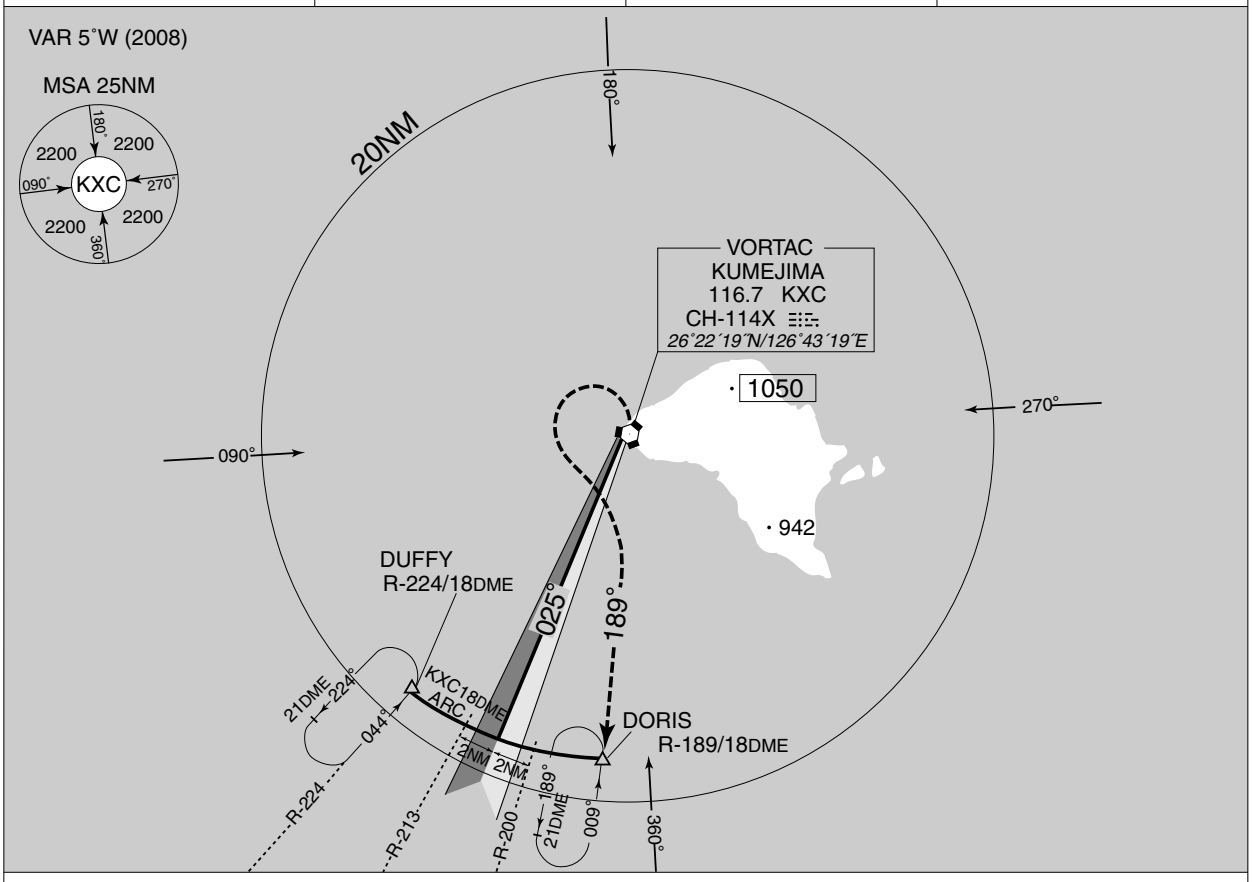
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	420 (397)	1500	420 (397)	1600
B			480 (457)	
C		1800		2400
D		2000	580 (557)	3200

Circling to WEST side of RWY only

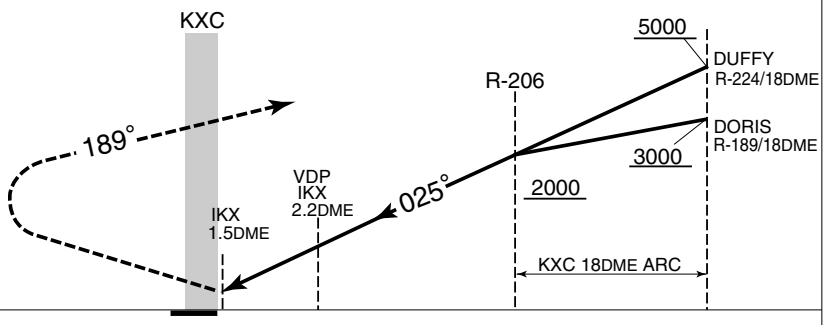
INSTRUMENT APPROACH CHART

ROKJ / KUMEJIMA LOC RWY 03

NAHA APP	LOC	KUMEJIMA REMOTE	RADAR AVBL
119.1 - 335.8	110.95 IKX LOC-DME CH-46Y	122.7	



MISSED APPROACH
At IKX 1.5DME turn left climb via KXC R189 to 3000FT, proceed to DORIS and hold. Contact KUMEJIMA REMOTE.



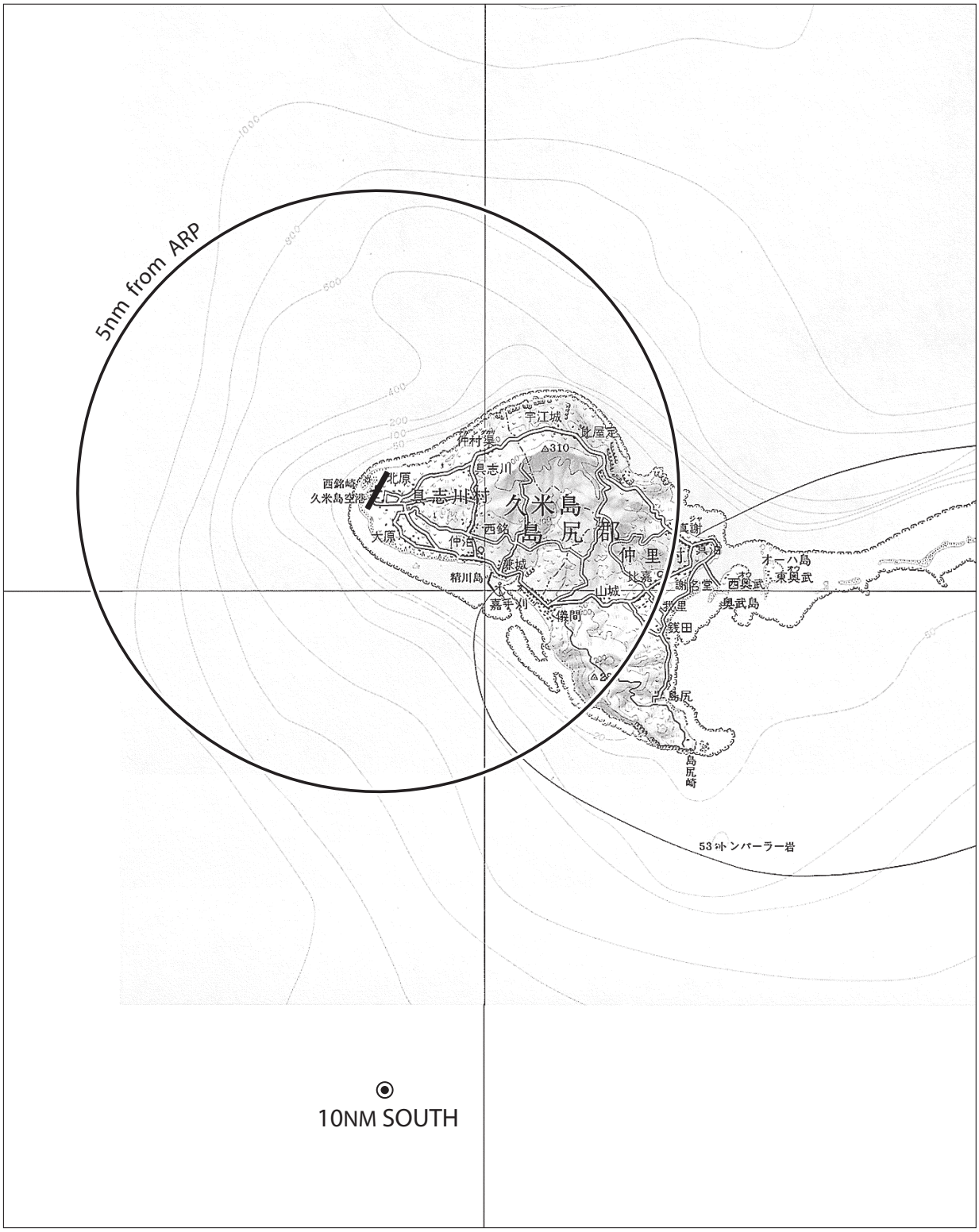
MINIMA THR elev. 22 AD elev. 23

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	360 (337)	1500	380 (357)	1600
B			480 (457)	
C		1800		2400
D		2000	580 (557)	3200

Circling to WEST side of RWY only.

ROKJ / KUMEJIMA

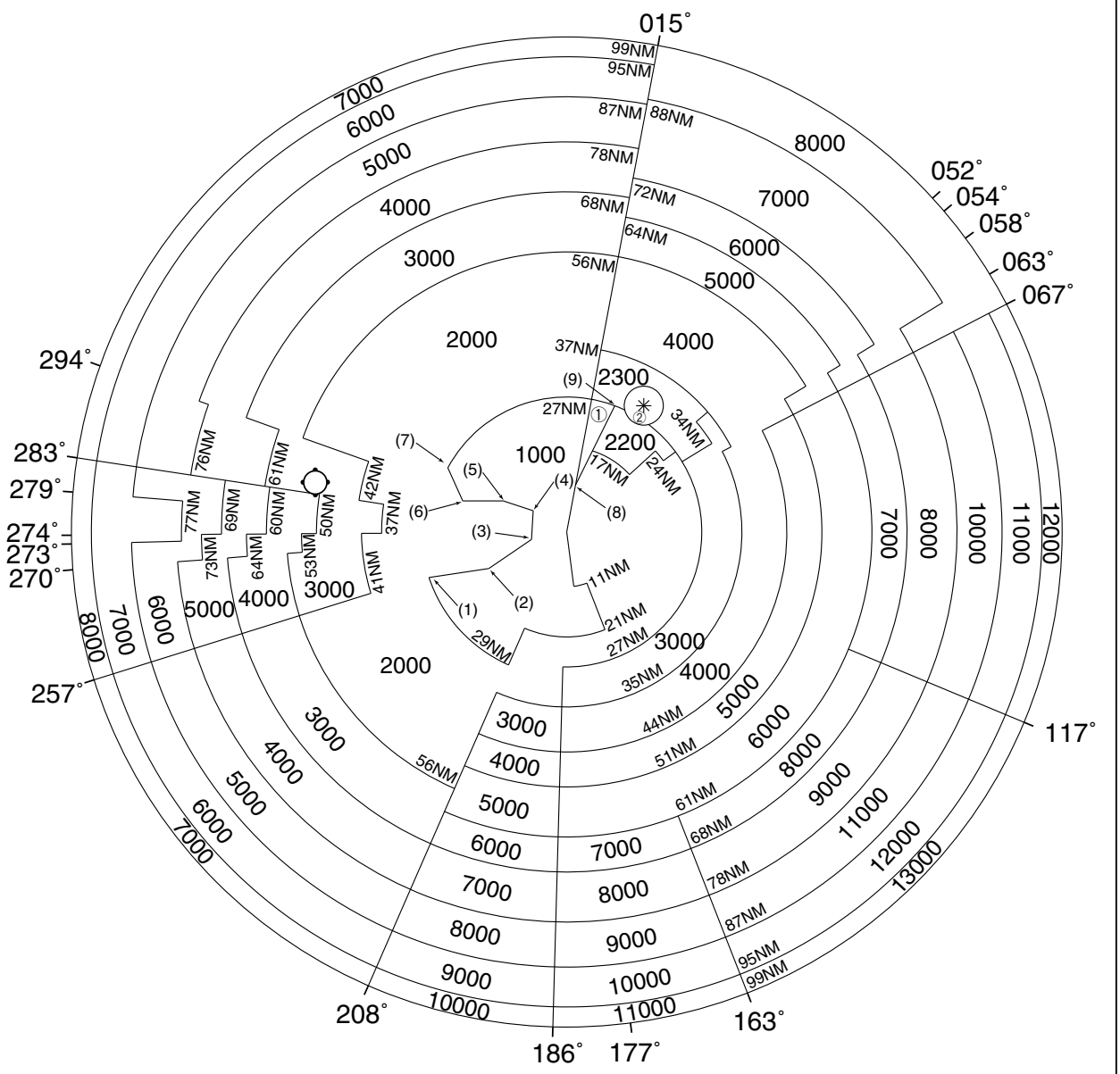
Visual REP



Call sign	BRG / DIST from ARP	Remarks
10NM SOUTH	180°/10NM	海上 Over the sea

ROKJ / KUMEJIMA Minimum Vectoring Altitude CHART

VAR 5˚W (2011)



① 1500
② 2600

(1) *260301N/1270807E*
(2) *260459N/1272121E*
(3) *261057N/1273045E*
(4) *261640N/1273102E*
(5) *261835N/1272422E*
(6) *261829N/1271524E*
(7) *262505N/1271157E*
(8) *262154N/1274025E*
(9) *263755N/1274900E*

CENTER: *261231N/1273834E* (NHC)
✳ : *263759N/1275528E*
RADIUS 3.9NM