### **AD 2 AERODROMES**

# **RJTH AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

# **RJTH - HACHIJOJIMA**

### RJTH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	330654N/1394709E 1.0km from RWY08 THR
2	Direction and distance from (city)	1.0km NW from Hachijo town office
3	Elevation/ Reference temperature	301ft / 30°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	144FT
5	MAG VAR/ Annual change	6°W(2007) / -
6	AD Administration, address,	Tokyo Municipal Govt.
	telephone, telefax, telex, AFS,	2839-2, Ookago, Hachijo-machi, Hachijo-jima(ls.), Tokyo.
	e-mail and/or Web-site addresses	TEL:04996-2-0163
		FAX:04996-2-3173
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Nil

### **RJTH AD 2.3 OPERATIONAL HOURS**

1	AD Administration	2300 - 0900
2	Customs and immigration	On request Customs: 03-3599-6214 Immigration: 0570-034259 (Department Number 210)
3	Health and sanitation	Quarantine(human): On request(03-3599-1515) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (TOKYO)
7	ATS	2300 - 0900 Remarks: AFIS provided by Tokyo Airport Office.
8	Fuelling	2300 - 0900(On Request)
9	Handling	2300 - 0900
10	Security	2300 - 0900
11	De-icing	Nil
12	Remarks	Nil

### **RJTH AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	Fuel: JET A-1
3	Fuelling facilities/ capacity	Fuel truck
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

# **RJTH AD 2.5 PASSENGER FACILITIES**

1	Hotels	Nil
2	Restaurants	Nil
3	Transportation	Nil
4	Medical facilities	Nil
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

### **RJTH 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
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

# **RJTH AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

# **RJTH AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	Apron surface and strength	Surface:Asphalt Concrete, Strength:PCN 41/R/B/X/T
2	Taxiway width, surface and strength	Width: 23m Surface: Asphalt Concrete, Strength:PCN 42/F/A/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR  1  330656.14N ,1394657.15E  2  330657.40N ,1394658.03E  3  330657.86N ,1394659.68E
6	Remarks	Nil

### RJTH AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual dock- ing/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY:08/26  (Marking):RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe  (LGT): RCLL, REDL, RTHL, RENL  TWY:  (Marking):TWY CL, RWY HLDG PSN, TWY side stripe  (LGT):TWY edge LGT, TWY CL LGT
3	Stop bars	Nil
4	Remarks	(Marking):Overrun area (LGT):Apron flood LGT

# **RJTH AD 2.10 AERODROME OBSTACLES**

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

# **RJTH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Associated MET Office	ТОКҮО
2	Hours of service MET Office outside hours	H24 (TOKYO)
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 TOKYO
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> ,U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> ,P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SWM</sub> , P <sub>SWM</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	RADIO
10	Additional information(limitation of service, etc.)	Nil

### **RJTH 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
08	069.56°	2000×45	PCN 42/F/A/X/T Asphalt Concrete	330643.03N 1394633.07E	THR ELEV : 282ft
26	249.56°	2000×45	PCN 42/F/A/X/T Asphalt Concrete	330705.72N 1394745.36E	THR ELEV : 284ft
Slope of RWY		Strip Dimensions(M)	RESA(Overrun) Dimensions(M)		
7		10	11		14
See Belo	w Figure	2120×150 2120×150	40×90 40×90	RWY Grooving: 2000×30m	
Slope of RWY					
RWY08 284ft 282ft 0.66% 0.76% 0 (m) 70 280		0. 63%	299ft 302ft 4% 0. 26%	293ft 0. 59%	RWY26  287ft 284ft  0. 79% 0. 71%  1870 2000

### **RJTH AD 2.13 DECLARED DISTANCES**

	TORA	TODA	ASDA	LDA	
RWY Designator	(m)	(m)	(m)	(m)	Remarks
1	2	3	4	5	6
08	2000	2000	2000	2000	Nil
26	2000	2000	2000	2000	Nil

### **RJTH 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
08	Nil (*1)	Green Nil	PAPI 3.0°/LEFT 324.3m 61ft		2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil(*3)
26	SALS 420m (*2) LIH	Green Nil	PAPI 3.0°/LEFT 322.6m 61ft		2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil(*3)
			F	Remarks				
				40				

10

APCH Guidance LGT for RWY 08(LEN:2013m)(\*1) SALS with APCH Guidance LGT for RWY 26(LEN:1579m)(\*2) Overrun area edge LGT(LEN:30m Color:Red)(\*3) RWY THR ID LGT for RWY08 THR(Color:White)

## **RJTH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

ABN/IBN location, characteristics and ABN: 330703N/1394703E, White/Green EV4.3sec, HO hours of operation 2 LDI location and LGT LDI:Nil Anemometer location and LGT Anemometer: RWY08:250m FM RWY08 THR, LGTD Mid:300m FM ARP, LGTD RWY26:150m FM RWY26 THR, LGTD 3 TWY edge and center line lighting TWY edge LGT: Blue TWY CL LGT: ALTN Green/Yellow FM RWY leaving Report point, other Green 4 Secondary power supply / Nil switch-over time 5 Remarks WDI LGT

### **RJTH AD 2.16 HELICOPTER LANDING AREA**

Nil	

### **RJTH AD 2.17 ATS AIRSPACE**

	Designation and lateral limits	Vertial limits (ft)	Airspace classificaion	ATS unit call sign Language	Remarks
	1	2	3	4	6
Hachijojima	Area within a radius of 5nm(9km) of	3000 or	Е	Hachijo Radio	
Information	HACHIJOJIMA ARP	below		En	
zone					

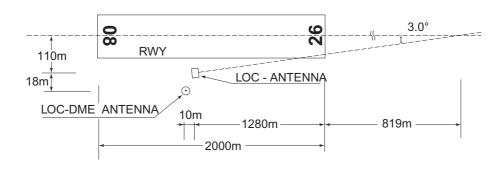
### **RJTH AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks	
1	2	3	4	5	
AFIS	AFIS Hachijo Radio		2300 - 0900	Operated by Tokyo Airport Office	

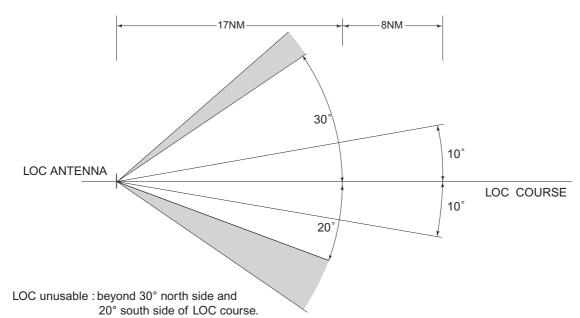
# **RJTH AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

Tune of oid				Position of	Elevation of	
Type of aid	ID	Frague and a	Hours of	transmitting	DME	Remarks
(VOR	טו	Frequency	operation	antenna	transmitting	Remarks
declination)				coordinates	antenna	
1	2	3	4	5	6	7
VOR	HCE	116.65MHz	H24	330651.66N/		VOR/DME Unusable:
(6°W/2009)				1394718.54E		090°-200° beyond 5NM below 5000ft.
						300°-360° beyond 5NM below 5000ft.
DME	HCE	1074MHz	H24	330651.66N/	339ft	
		(CH-113Y)		1394718.54E		
LOC 26	IHC	110.1MHz	2300 - 0900	330647.86N/		LOC: 720m (2362ft) inside FM RWY 08
				1394700.58E		THR, 110m (361ft) S of RCL.
						OFFSET 3.0°, BRG (MAG) 252°
						Unusable:
						beyond 30° North side and 20° South side
						of LOC course.
LOC-DME 26	IHC	999MHz	2300 - 0900	330647.19N/		LOC-DME: 710m (2329ft) inside FM RWY
				1394700.47E		08 THR, 128m (420ft) S of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.

# HACHIJOJIMA AP







#### **RJTH AD 2.20 LOCAL TRAFFIC REGULATIONS**

1. Airp	port regulations
	Nil
2. Tax	iing to and from stands
	Nil
3. Par	rking area for small aircraft(General aviation)
	Nil
4. Par	rking area for helicopters
	Nil
5. Apr	ron - taxiing during winter conditions
	Nil
6. Tax	iing - limitations
	Nil
7. Sch	nool and training flights - technical test flights - use of runways
	In principle, no flight training is permitted.  To apply for an exception, the administrator's prior permission is required.
8. Hel	licopter traffic - limitation
	Nil
9. Rei	moval of disabled aircraft from runways
	Nil
	RJTH AD 2.21 NOISE ABATEMENT PROCEDURES
	Nil

#### **RJTH AD 2.22 FLIGHT PROCEDURES**

#### 1.TAKE OFF MINIMA

	RWY	REDL 8 AV	-		or RCLL 'BL	REDL & RCLL OUT				
		CEIL - RVR	CEIL - VIS	CEIL - RVR	CEIL - VIS	CEIL - RVR	CEIL - VIS			
TKOF ALTN	08	_	300′-800m	_	300′-1000m	_	300′-1200m			
AP FILED	26	-	300 -000111	-	300-1000111	-				
OTHER	08		AVBL LDG MINIMA							
OTHER -	26			AVBL LD	J IVIIIVIIVIA					

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

#### 2.TAKE OFF MINIMA for RNAV DEPARTURE

	RWY	ACFT CAT	REDL & RCLL			or RCLL Marking	NIL (DAYTIME ONLY)				
		CAI	RVR	VIS	RVR	VIS	RVR	VIS			
Multi-Engine	08	A,B,C,D	-	400m	-	400m	-				
ACFT with TKOF ALTN AP FILED	26							500m			
OTHER	08	A,B,C,D	AVDL LDC MINIMA								
OTHER	26	А,Б,С,Б		AVBL LDG MINIMA							

### **RJTH AD 2.23 ADDITIONAL INFORMATION**

### **RJTH AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart

 $\dot{}$  Standard Departure Chart-Instrument (TEMAR, HACHIJO REVERSAL)\*

Standard Departure Chart-Instrument (MIYAKE)\*

Standard Departure Chart-Instrument (TOPIT-RNAV)

Standard Arrival Chart-Instrument\*

Instrument Approach Chart (LOC Z RWY26)\*

Instrument Approach Chart (LOC Y RWY26) \*

Instrument Approach Chart (VOR A For RWY26)\*

Instrument Approach Chart (VOR B For RWY26)\*

Instrument Approach Chart (VOR C For RWY26)\*

Instrument Approach Chart (VOR D For RWY08)\*
Instrument Approach Chart (RNAV(RNP) RWY08)

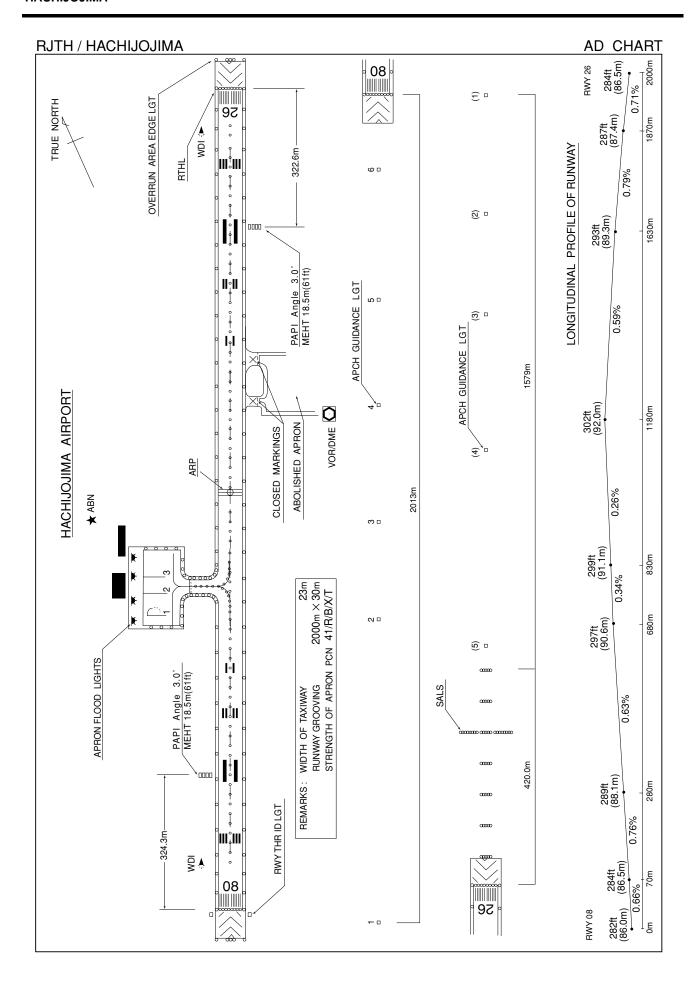
Instrument Approach Chart (RNAV(RNP) RWY26)

Other Chart (Visual REP)

Other Chart (LDG Chart)

Other Chart (MVA Chart)

<sup>\*:</sup> Designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.





#### STANDARD DEPARTURE CHART-INSTRUMENT

### RJTH / HACHIJOJIMA

SID

# TEMAR FIVE DEPARTURE

RWY 08: Climb RWY HDG to 1000FT or above, turn left,.... RWY 26: Turn left, climb via HCE R240 to 4000FT or above,

turn right proceed to HCE VOR/DME, ....

....climb via HCE R056 to TEMAR.

# HACHIJO REVERSAL FOUR DEPARTURE

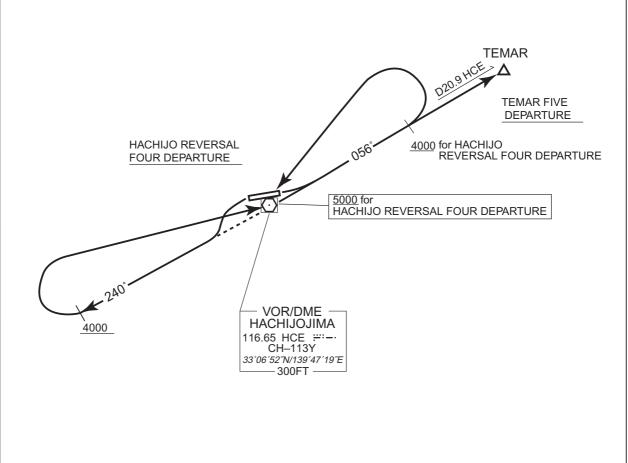
RWY 08: Climb RWY HDG to 1000FT or above, turn left, climb via HCE R056 to 4000FT or above, turn left,....

RWY 26: Turn left, climb via HCE R240 to 4000FT or above,

turn right,....

....proceed to HCE VOR/DME.

Cross HCE VOR/DME at or above 5000FT.



STANDARD DEPARTURE CHART-INSTRUMENT

RJTH / HACHIJOJIMA SID

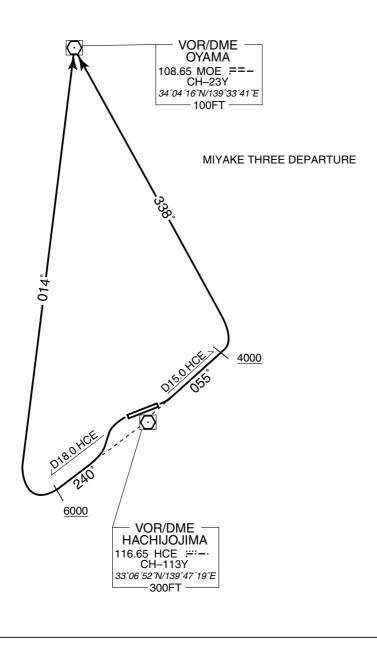
# MIYAKE THREE DEPARTURE

RWY 08: Climb RWY HDG to 1000FT or above, turn left, climb via HCE R055 to 15.0DME, turn left to intercept and proceed via MOE R158 to MOE VOR/DME.

Cross HCE R055/15.0DME at or above 4000FT.

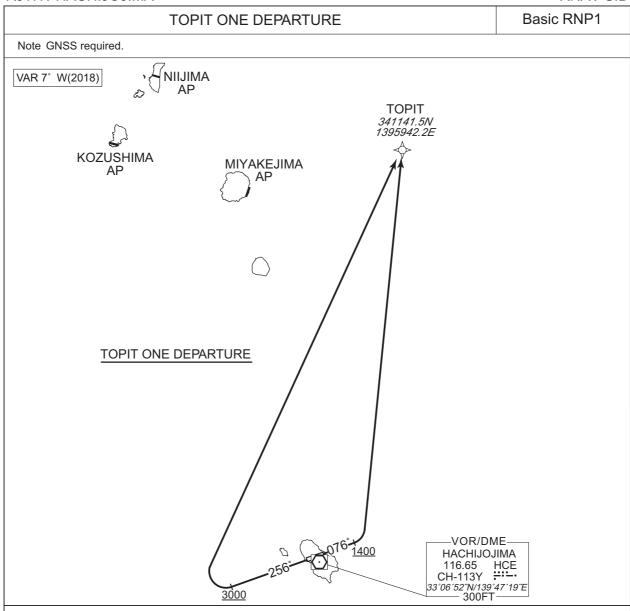
RWY 26: Turn left, climb via HCE R240 to 18.0DME, turn right to intercept and proceed via MOE R194 to MOE VOR/DME.

Cross HCE R240/18.0DME at or above 6000FT.



### STANDARD DEPARTURE CHART-INSTRUMENT

### RJTH / HACHIJOJIMA RNAV SID



### TOPIT ONE DEPARTURE

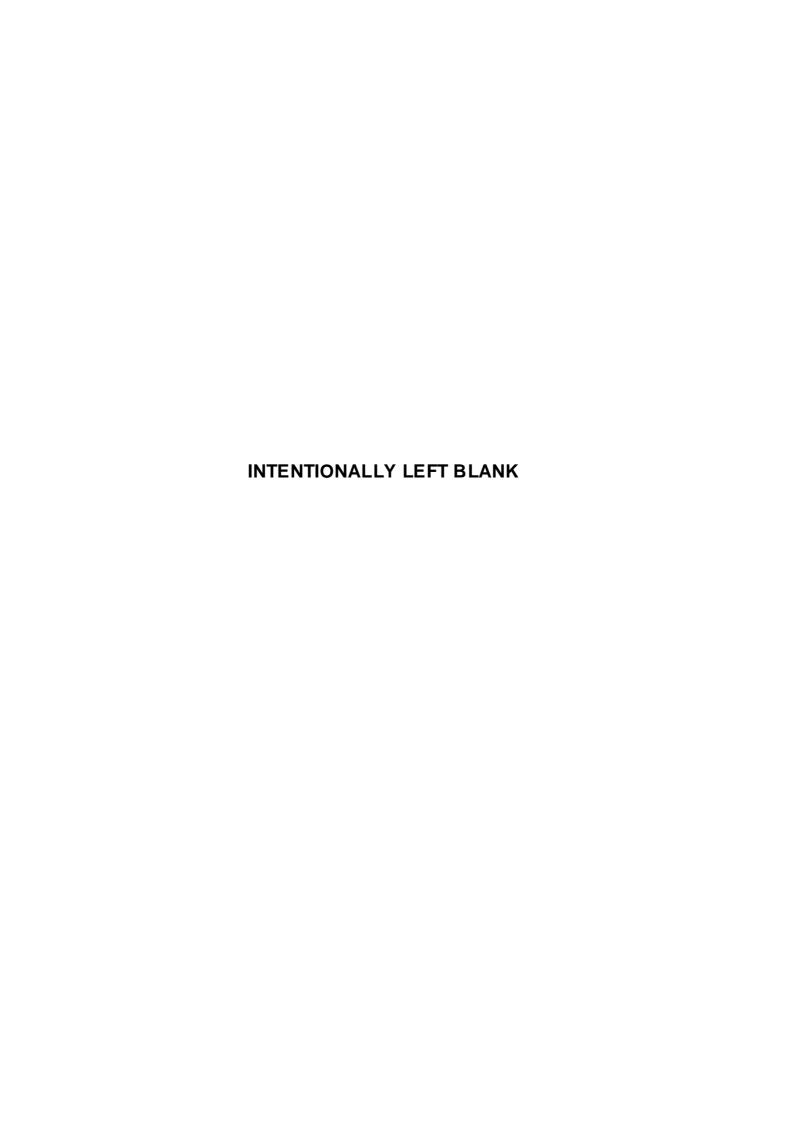
RWY08 : Climb on HDG 076 $^{\circ}$  at or above 1400FT, turn left direct to TOPIT. RWY26 : Climb on HDG 256 $^{\circ}$  at or above 3000FT, turn right direct to TOPIT.

#### RWY08

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	ı	076 (069.5)	-6.7	1	_	+1400	_	_	Basic RNP1
002	DF	TOPIT	-	_	-6.7	1	L	_	_	_	Basic RNP1

### RWY26

Serial	Path	Waypoint	Fly		Magnetic				•		Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	256 (249.5)	-6.7	_	_	+3000	_	1	Basic RNP1
002	DF	TOPIT	_	_	-6.7	_	R	_	_	-	Basic RNP1



#### STANDARD ARRIVAL CHART-INSTRUMENT

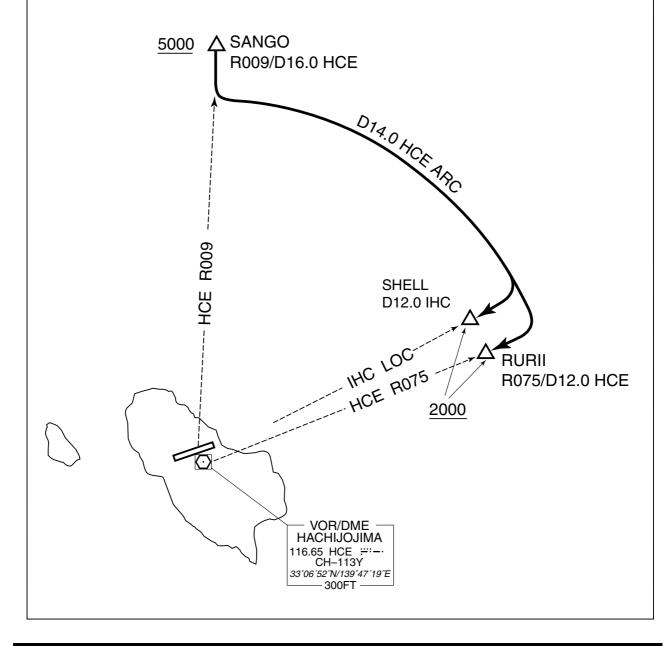
### RJTH / HACHIJOJIMA

**STAR** 

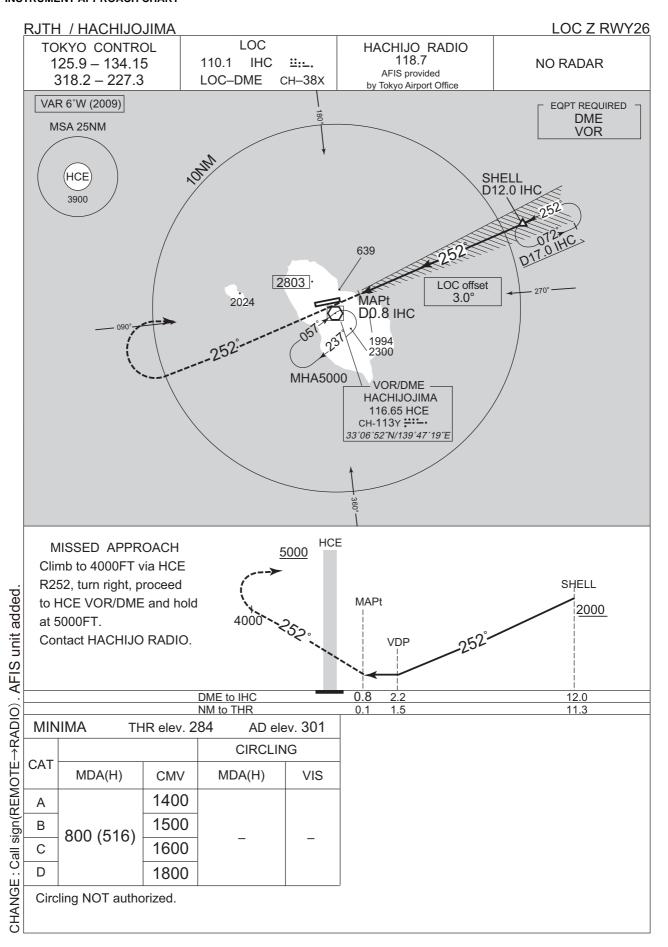
# HACHIJO ARRIVAL

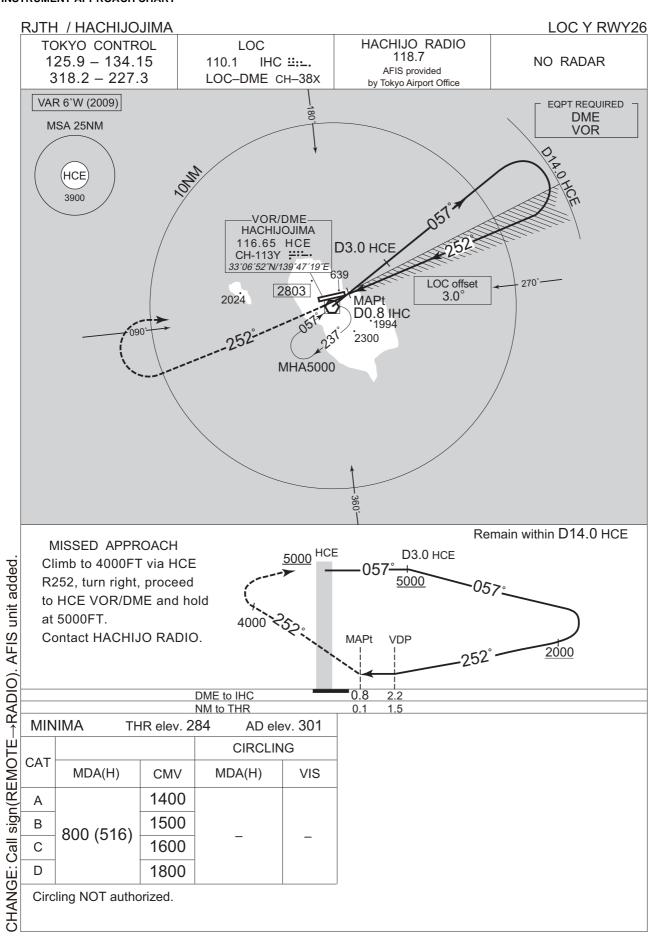
From over SANGO, proceed via HCE R009 to intercept and proceed via HCE 14.0DME clockwise ARC, via IHC-LOC to SHELL or HCE R075 to RURII. Cross SANGO at or above 5000FT, cross SHELL or RURII at or above 2000FT.

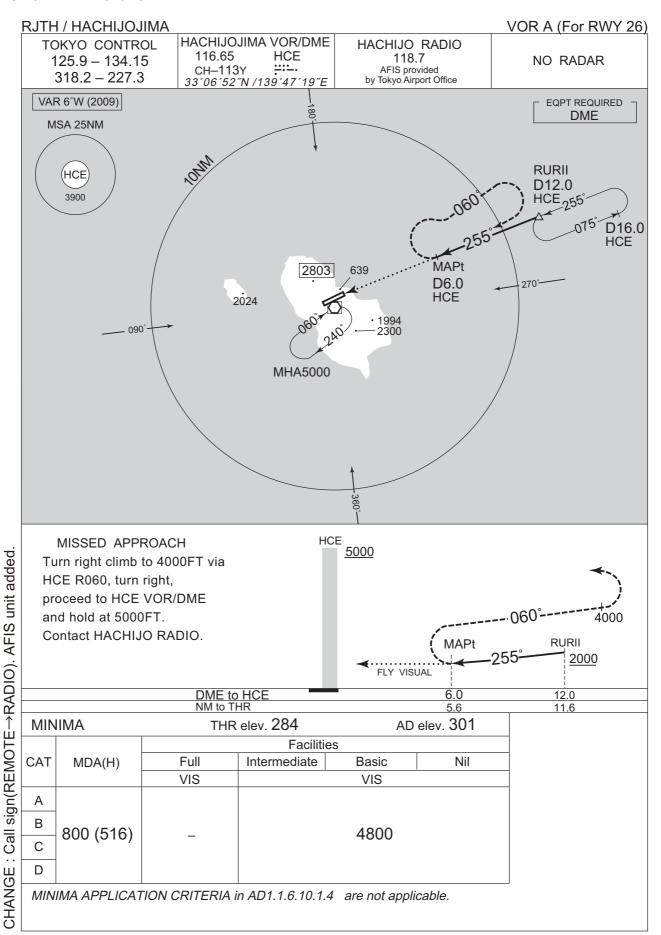
# HACHIJO ARRIVAL

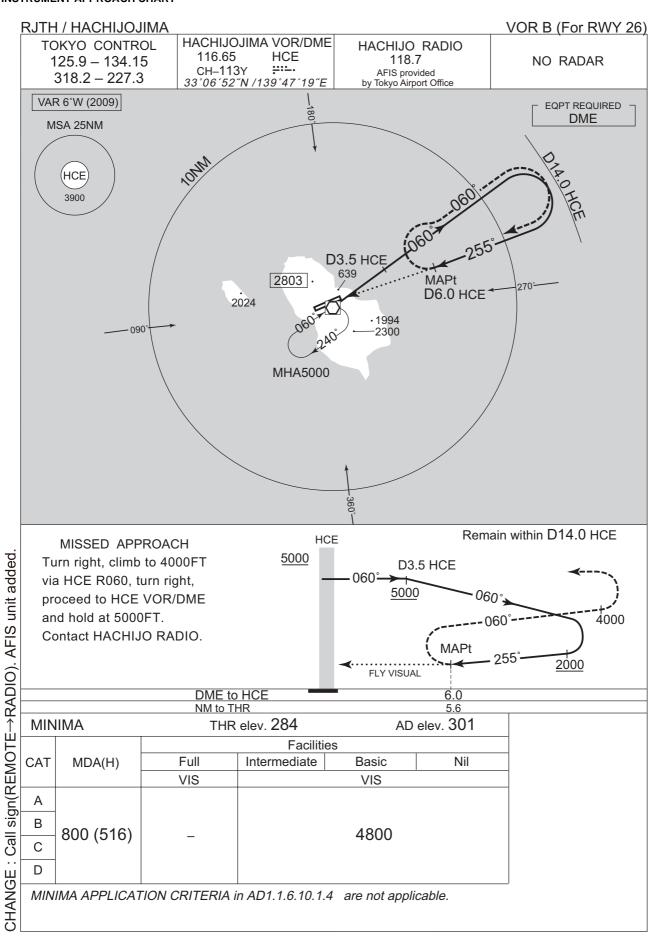


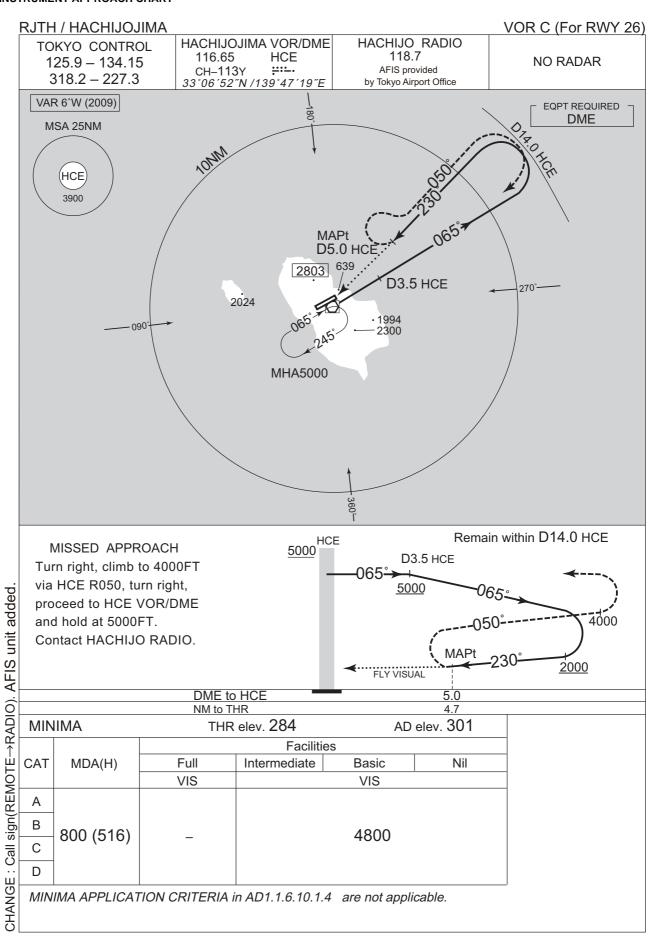


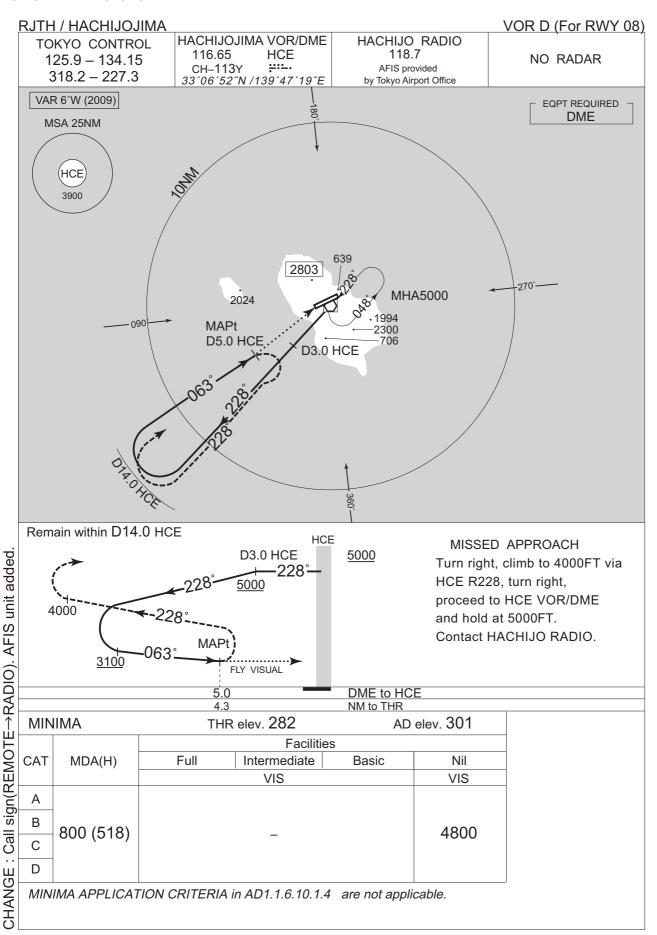


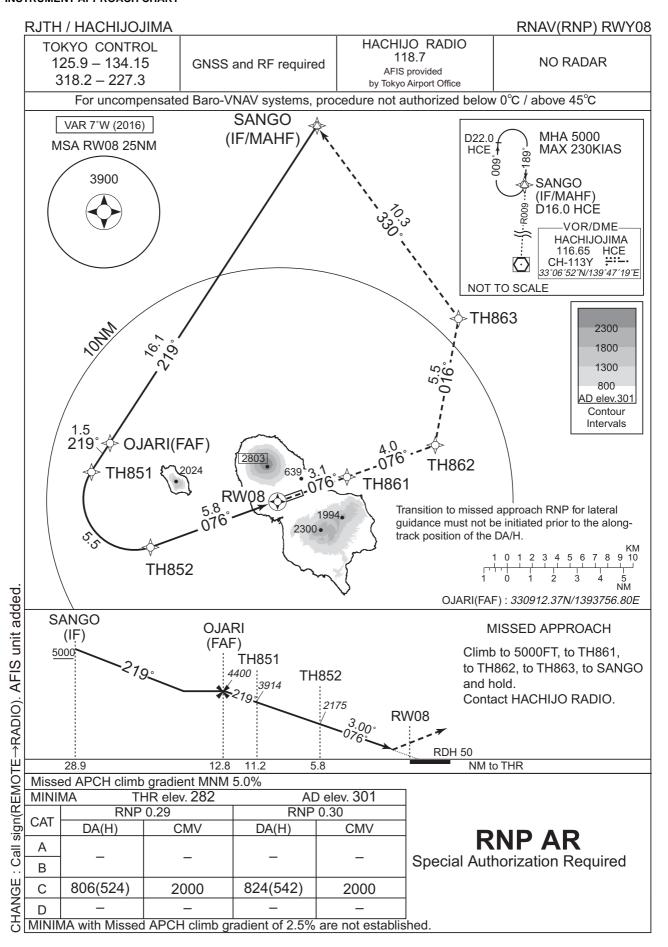












# RJTH / HACHIJOJIMA

# RNAV(RNP) RWY08

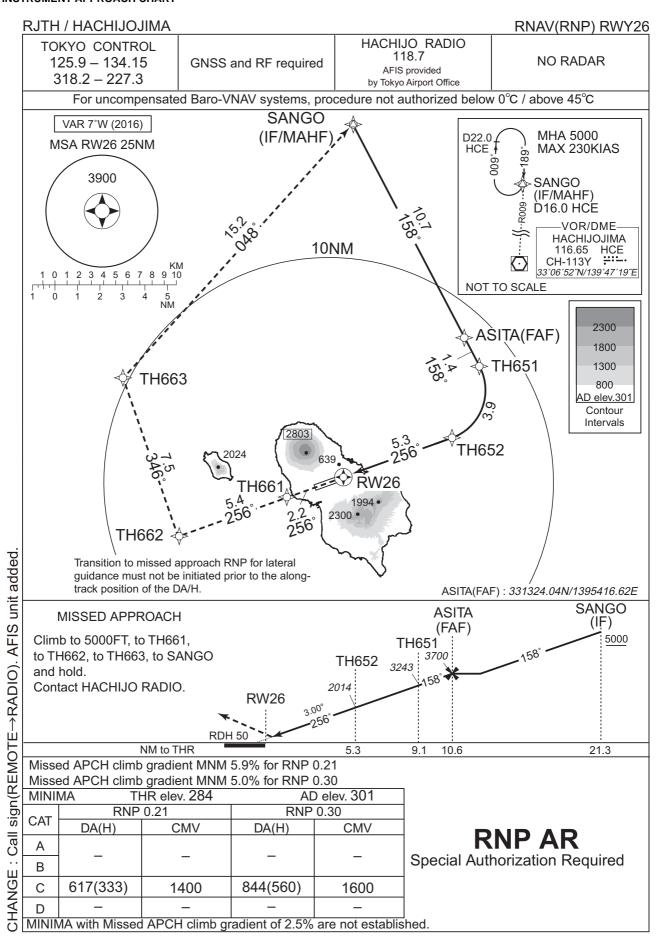
# RNAV(RNP) RWY08

# Coding Table

	5.0					D	_	A 1414 1		VPA/	DATE
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	RDH	RNP Value
110111001	Doddinptor	Idonanoi	0 101	( .)	Variation	()	Birodion	()	(11,10)	(°/FT)	valao
001	IF	SANGO	_	_	-6.5	_	_	+5000	_	_	-
002	TF	OJARI	-	219 (212.3)	-6.5	16.1	_	4400	_	_	1.0
003	TF	TH851	_	219	-6.5	1.5	_	3914	_	-3.00	0.29
000		111001		(212.2)	-0.5	1.5		3314		-3.00	0.30
004	RF Center:	TH852			-6.5	F F		2175		-3.00	0.29
004	THRF1 r=2.19NM	1 11002	_	_	-0.5	5.5	L	21/5	_	-3.00	0.30
005	TF	RW08	Y	076	-6.5	5.8		332		-3.00/50	0.29
005	IF	KVVUO	ĭ	(069.4)	-0.5	5.0	_	332	_	-3.00/30	0.30
006	TF	TH861		076	-6.5	3.1					0.29
000	IF	1 11001	_	(069.5)	-0.5	3.1	_	_	_	_	0.30
007	TF	TH862	-	076 (069.5)	-6.5	4.0	_	-	_	_	1.0
008	TF	TH863	_	016 (009.6)	-6.5	5.5	_	_	_	_	1.0
009	TF	SANGO	_	330 (323.0)	-6.5	10.3	_	5000	_	_	1.0

# Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SANGO	332250.44N/1394814.02E	THRF1	330644.49N/1393910.78E
OJARI	330912.37N/1393756.80E		
TH851	330754.90N/1393658.54E		
TH852	330441.17N/1394005.63E		
RW08	330643.03N/1394633.07E		
TH861	330749.27N/1395004.24E		
TH862	330913.15N/1395432.21E		
TH863	331439.22N/1395537.92E		



# RJTH / HACHIJOJIMA

# RNAV(RNP) RWY26

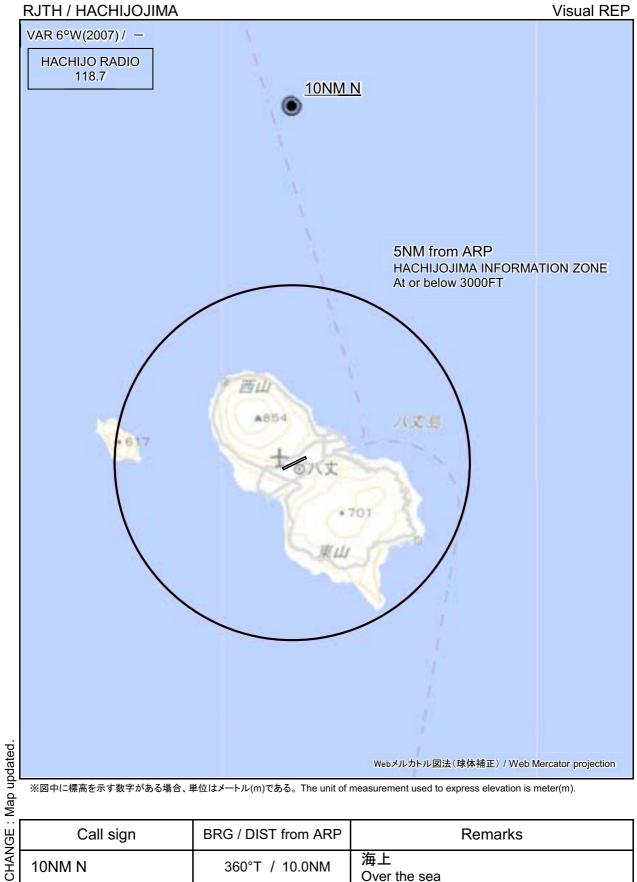
# RNAV(RNP) RWY26

# 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	SANGO	_	_	-6.5	_	_	+5000	_	_	_
002	TF	ASITA	_	158 (151.8)	-6.5	10.7	_	3700	-	_	1.0
003	TF	TH651	-	158 (151.9)	-6.5	1.4	_	3243	_	-3.00	0.21 0.30
004	RF Center: THRF2 r=2.26NM	TH652	_	_	-6.5	3.9	R	2014	_	-3.00	0.21 0.30
005	TF	RW26	Y	256 (249.5)	-6.5	5.3	_	334	-	-3.00/50	0.21 0.30
006	TF	TH661	_	256 (249.5)	-6.5	2.2	_	-	-	_	0.21 0.30
007	TF	TH662	_	256 (249.4)	-6.5	5.4	_	-	_	_	1.0
008	TF	TH663	_	346 (339.6)	-6.5	7.5	_	_	_	_	1.0
009	TF	SANGO	_	048 (041.6)	-6.5	15.2	_	5000	_	_	1.0

# Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SANGO	332250.44N/1394814.02E	THRF2	331103.88N/1395242.68E
ASITA	331324.04N/1395416.62E		
TH651	331208.17N/1395505.07E		
TH652	330856.50N/1395339.00E		
RW26	330705.72N/1394745.36E		
TH661	330619.39N/1394517.79E		
TH662	330425.68N/1393916.49E		
TH663	331127.97N/1393608.44E		



※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).

Call sign	BRG / DIST from ARP	Remarks
10NM N	360°T / 10.0NM	海上 Over the sea

