AD 2 AERODROMES

RJAW AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJAW - IWOTO

RJAW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	244703N 1411922E
2	Direction and distance from (city)	Nil
3	Elevation/ Reference temperature	419ft / -
4	Geoid undulation at AD ELEV	Nil
	PSN	
5	MAG VAR/ Annual change	Nil
6	AD Administration, address,	JSDF-M
	telephone, telefax, telex, AFS,	
	e-mail and/or Web-site addresses	
7	Types of traffic permitted(IFR/	IFR/VFR
	VFR)	
8	Remarks	Nil

RJAW AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	Nil
3	Health and sanitation	Nil
4	AIS Briefing Office	H24
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	2100-0900 MON-FRI Except HOL, Other time 1HR PN
7	ATS	2200-1400 MON-FRI Except HOL, Other time 1HR PN
8	Fuelling	Nil
9	Handling	Nil
10	Security	Nil
11	De-icing	Nil
12	Remarks	Nil

RJAW AD 2.4 HANDLING SERVICES AND FACILITIES

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

RJAW 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

RJAW AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Nil
2	Rescue equipment	Nil
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

RJAW AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Nil
2	Clearance priorities	Nil
3	Remarks	Nil

RJAW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	To be issued later
2	Taxiway width, surface and strength	WIDTH: N-TWY 30m, other 23m SURFACE: concrete
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

RJAW 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:07/25 (Marking):RWY designation, RWY CL, RWY THR, Fixed DIST, RWY side stripe, TDZ (LGT):RTHL, TKOF aiming LGT TWY:
		(Marking):TWY CL, TAX HLDG line (LGT):TWY edge LGT
3	Stop bars	Nil
4	Remarks	(Marking): Overrun area

RJAW AD 2.10 AERODROME OBSTACLES

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

RJAW AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	IWOTO
2	Hours of service MET Office outside hours	2100-0900 MON-FRI Except HOL, Other time 1HR PN
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	P Ja, En
6	Flight documentation Language(s) used	C Ja, En
7	Charts and other information available for briefing or consultation	S, U
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	Nil
10	Additional information(limitation of service, etc.)	Nil

RJAW 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	67.88°	2650×60	SW26000kg (57300lbs) DW70000kg	244646.72N 1411837.88E	THR ELEV: 395ft
25	247.88°	2650×60	(154300lbs) DTW125000kg (275600lbs) Asphalt	244719.12N 1412005.19E	THR ELEV: 419ft
Slope of	RWY	Strip Dimensions(M)		Remarks	
7		10		12	
To be issued later		3000×150 3000×150		Nil	

RJAW AD 2.13 DECLARED DISTANCES

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

RJAW 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			PAPI 2.5°/Left 396m 49ft					
25	25 PAPI 2.5°/Right 428m 45ft							
	Remarks							
	10							
	Nil							

RJAW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 244648N/1411934E, White/Green EV2sec, HO
2	LDI location and LGT Anemometer location and LGT	Nil
3	TWY edge and center line lighting	TWY edge LGT: AVBL
4	Secondary power supply/ switch- over time	Nil
5	Remarks	WDI LGT

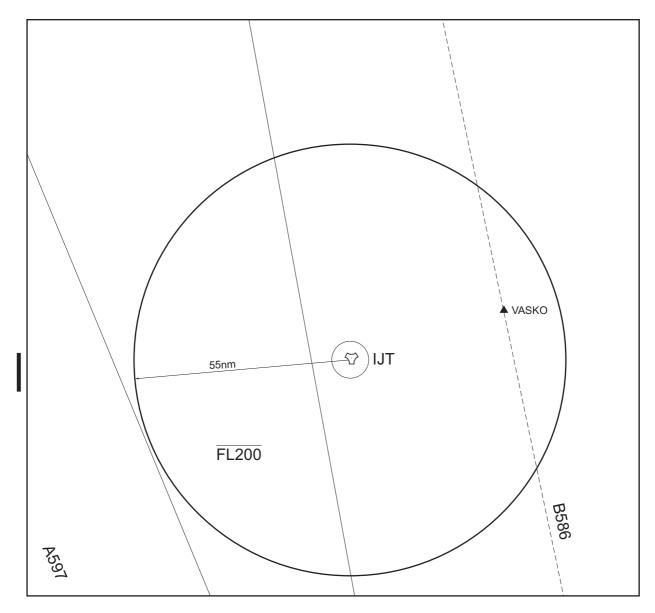
RJAW AD 2.16 HELICOPTER LANDING AREA

To be issued later

RJAW 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
IWOTO CTR	Area within a radius of 5nm of IWOTO ARP	5000 or	D	IWO TOWER	
	(24°47′N/141°19′E).	below		En	
IWOTO ACA	SEE RJAW ATTACHED CHART		E		

Iwoto Approach Control Area



RJAW AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Iwo Tower	228.2MHz(1)	2200 - 1400	(1)Primary
		126.2MHz(1)	Except FRI1401-	
		255.4MHz	SUN2159 and HOL	
		133.4MHz	Other time 1HR PN	
		243.0MHz(E)		
		121.5MHz(E)		
GND	Iwo Ground	236.8MHz(1)	2200 - 1400	
		319.0MHz	Except FRI1401-	
			SUN2159 and HOL	
			Other time 1HR PN	
DEP/APP	Iwo Departure/	284.6MHz	2200 - 1400	
	Iwo Approach	138.3MHz	Except FRI1401-	
		243.0MHz(E)	SUN2159 and HOL	
		121.5MHz(E)	Other time 1HR PN	
ASR	lwo Radar	284.6MHz(1)	2200 - 1400	Maintenance period:
		138.3MHz(1)	Except FRI1401-	2200-0200 FRI in VMC.
		335.6MHz	SUN2159 and HOL	
		125.3MHz	Other time 1HR PN	
GCA-ASR	Iwo Radar/	270.8 MHz(1)	2200 - 1400	Maintenance period:
-PAR	Iwo GCA	134.1 MHz(1)	Except FRI1401-	2200-0200 FRI in VMC.
		258.6MHz	SUN2159 and HOL	
		317.2MHz	Other time 1HR PN	ASR, PAR RWY 07/25
		141.25MHz		Glide path 2.5°

RJAW AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
TACAN	IJT	996MHz (CH-35X)	H24	244704N 1411857E	409ft	TACAN Unusable: 030°-050° beyond 34nm BLW 2000ft. 100°-110° beyond 26nm BLW 2000ft. 110°-120° beyond 22nm BLW 2000ft. 120°-130° beyond 30nm BLW 2000ft. 130°-140° beyond 36nm BLW 2000ft.

AIP Japan IWOTO

RJAW AD 2.20 LOCAL TRAFFIC REGULATIONS

. Airport regulations
24 HR PPR fm commander Fleet Air Wing 4th, JSDF-M, Ayase-shi, Kanagawa Pref, (Phone 0467-78-8611 ext 2222)
2. Taxiing to and from stands
Nil
3. Parking area for small aircraft(General aviation)
Nil
I. Parking area for helicopters
Nil
5. Apron - taxiing during winter conditions
Nil
5. Taxiing - limitations
Nil
7. School and training flights - technical test flights - use of runways
Nil
3. Helicopter traffic - limitation
Nil
). Removal of disabled aircraft from runways
Nil
RJAW AD 2.21 NOISE ABATEMENT PROCEDURES
Nil

RJAW AD 2.22 FLIGHT PROCEDURES

1-1. TAKE OFF MINIMA

	RWY	REDL AVBL		REDL OUT			
	KWI	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS		
TKOF ALTN	07	0′-600m	0′-600m	-	0′-800m		
AP FILED	25	0′-600m	0′-600m	-	0′-800m		
OTHER	07	AVPL LDC MINIMA					
OTTIER	25	AVBL LDG MINIMA					

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

1-2. TAKE OFF MINIMA for RNAV DEPARTURE

	RWY	ACFT CAT	REDL 8	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
		CAI	RVR	VIS	RVR	VIS	RVR	VIS	
Multi-Engine ACFT with	07	A,B,C,D	-	-	400m	400m	-	500m	
TKOF ALTN AP FILED	25	A,B,C,D	-	-	400m	400m	-	500m	
OTHER	07	A,B,C,D	AVDL LDC MINIMA						
OTTIER	25	A,B,C,D		AVBL LDG MINIMA					

2. MISSED APCH PROCEDURE FOR PAR/ASR APCH

2.1 PAR/ASR RWY25 APCH

MISSED APPROACH

At guidance limit, Turn left climb via IJT R-150 to 3000' until 15DME, then hold IJT R-150 15DME fix, 5NM leg left turn.

2.2 PAR/ASR RWY07 APCH

MISSED APPROACH

At guidance limit, Turn right climb via IJT R-150 to 3000' until 15DME, then hold IJT R-150 15DME fix, 5NM leg left turn.

3. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

PAR RWY07 PAR RWY25

MINIM	A THR	elev. 395	AD elev.	419	MINIM	IA THE	R elev. 419	AD elev.	419
			CIRCLI	NG				CIRCLI	NG
CAT	DA(H)	RVR/ CMV	MDA(H)	VIS	CAT	DA(H)	RVR/ CMV	MDA(H)	VIS
Α				1600	А		1000	820(401)	1600
В	505(200)	1000	1600	В	619(200)	970(451)		1000	
С	595(200) 1000 870(451) —	2400	С	019(200)	1000	870(451)	2400		
D			970(551)	3200	D			970(551)	3200

RJAW AD2-10 AIP Japan IWOTO

ASR RWY07

ASR RWY25

MINIM	A THR	elev. 395	AD elev. 419		
			CIRCLING		
CAT	MDA(H)	RVR/ CMV	MDA(H)	VIS	
А		1500	820(401)	1600	
В	740(345)		070(454)		
С	740(343)	1800	870(451)	2400	
D		2000	970(551)	3200	

MINIM	1A THR	elev. 419	AD elev. 419		
			CIRCLING		
CAT	MDA(H)	RVR/ CMV	MDA(H)	VIS	
А		1500	820(401)	1600	
В	780(361)	1300	870(451)		
С	700(301)	1800	070(431)	2400	
D		2000	970(551)	3200	

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

If radio communications with IWO Radar/Approach/GCA are lost for 1 minute in the pattern or 5 seconds(PAR)/15 seconds(ASR) on final approach, squawk Mode A/3 Code 7600 and;

- (I) 1. Contact IWO Tower
 - 2. If unable, proceed in accordance with visual flight rules.
 - 3. If unable, proceed TACAN IAF at last assigned altitude or 3,000 feet whichever is higher, and execute instrument approach.
- (II) Procedures other than above will be issued when situation required.

5. Automated Radar Terminal System (ARTS)

硫黄進入管制所の指示のもとに、硫黄島進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

Aircraft flying under control of Iwo approach control in the approach area will be instructed to reply with discrete code Mode A/3 and Mode C.

二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は、管制官にその旨を通報すること。

If an aircraft with non-discrete code capability be instructed to reply with such code, it shall report a controller accordingly.

RJAW AD 2.23 ADDITIONAL INFORMATION

RJAW AD 2.24 CHARTS RELATED TO AN AERODROME

Standard Departure Chart - Instrument (IWO, TIDRI)

Standard Departure Chart - Instrument (VASKO-RNAV)

Standard Arrival Chart - Instrument (KANGO, SAUNA)

Standard Arrival Chart - Instrument (VASKO-RNAV)

Instrument Approach Chart (TACAN Z RWY07)

Instrument Approach Chart (TACAN Y RWY07)

Instrument Approach Chart (TACAN Y RWY07)
Instrument Approach Chart (TACAN X RWY07)

Instrument Approach Chart (TACAN Z RWY25)

Instrument Approach Chart (TACAN Y RWY25)

Instrument Approach Chart (TACAN X RWY25)

Instrument Approach Chart (RNP RWY07)

Instrument Approach Chart (RNP RWY25)

STANDARD DEPARTURE CHART - INSTRUMENT

RJAW / IWOTO

SID and TRANSITION

IWO TWO DEPARTURE

RWY 07/25 : Climb RWY HDG to 1000FT or above, then proceed as directed by ATC. Remarks: IWO TWO DEPARTURE is not illustrated.

TIDRI TWO DEPARTURE

RWY 07 : Climb RWY HDG to 1000FT or above, turn left HDG306° to intercept

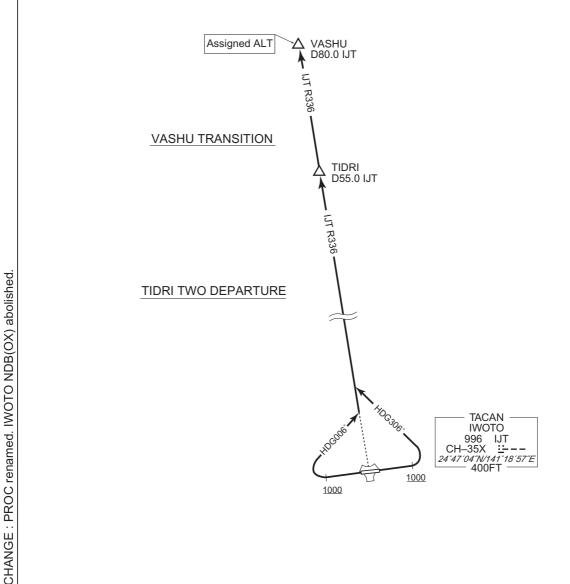
and proceed via IJT R336 to TIDRI.

RWY 25 : Climb RWY HDG to 1000FT or above, turn right HDG006° to intercept

and proceed via IJT R336 to TIDRI.

VASHU TRANSITION

From over TIDRI, proceed via IJT R336 to VASHU. Cross VASHU at assigned altitude.



RNAV SID

RNP1 VASKO TWO DEPARTURE Note GNSS required. VAR 4°W **VASKO** 250015.8N 1420213.0E 6000 900 <u>800</u>

RWY07: Climb on HDG072° at or above 900FT, direct to VASKO at or above 6000FT. RWY25 : Climb on HDG252° at or above 800FT, turn right direct to VASKO

at or above 6000FT.

RWY07

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	072 (067.8)	-3.9	_	_	+900		_	RNP1
002	DF	VASKO	_	_	-3.9	_	_	+6000	_	_	RNP1

RWY25

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			252 (247.8)	-3.9	1	_	+800	-		RNP1
002	DF	VASKO	_	_	-3.9		R	+6000	_	_	RNP1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAW / IWOTO STAR

KANGO ARRIVAL

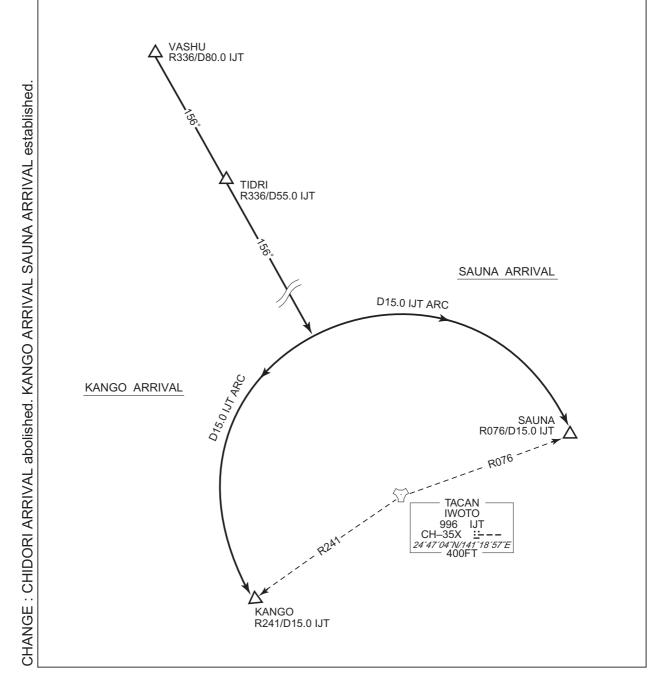
From over VASHU, proceed via IJT R336 to IJT R336/15.0DME, then turn right via IJT 15.0DME counterclockwise ARC to KANGO.

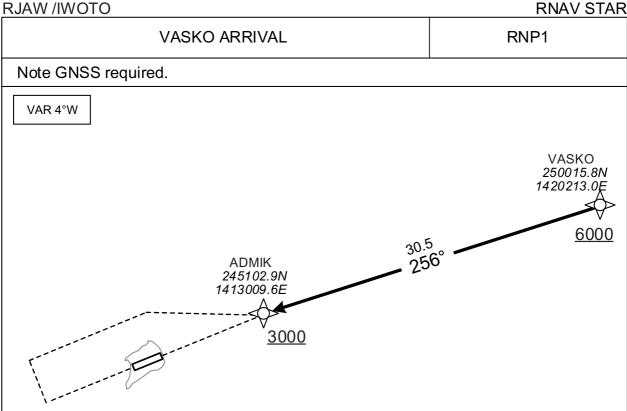
Cross TIDRI at altitude specified by ATC.

SAUNA ARRIVAL

From over VASHU, proceed via IJT R336 to IJT R336/15.0DME, then turn left via IJT 15.0DME clockwise ARC to SAUNA.

Cross TIDRI at altitude specified by ATC.





From VASKO at or above 6000FT, to ADMIK at or above 3000FT.

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	IF	VASKO		1	-3.9	_	_	+6000	_	_	RNP1
002	TF	ADMIK	_	256 (252.5)	-3.9	30.5	_	+3000	_	_	RNP1

