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	388ft / -
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	Nil
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	JSDF-M
7	Types of traffic permitted(IFR/ VFR)	Nil
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 (154300lbs) DTW125000kg (275600lbs) Asphalt	Nil	THR ELEV: 361ft
25	247.90°	2650×60		Nil	THR ELEV: 388ft

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 -/Left 396m 51ft					
25			PAPI -/Right 427m 47ft					
Remarks								
10								
Nil								

RJAW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: *244647N/1411933E*, 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

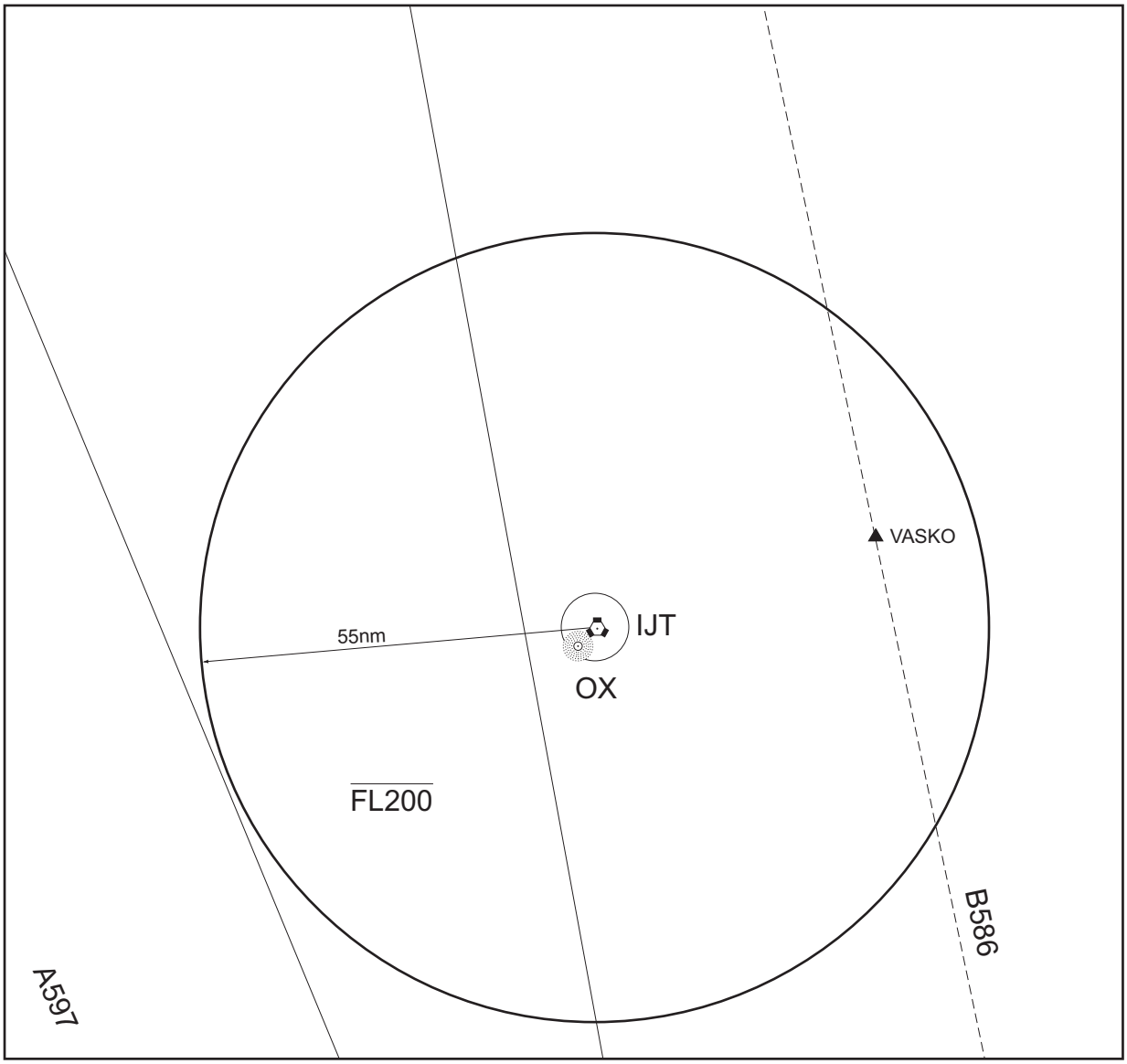
RJAW AD 2.16 HELICOPTER LANDING AREA

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 (*24°47'N/141°19'E*).	5000 or below	D	IWO TOWER 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) 126.2MHz(1) 255.4MHz 133.4MHz 243.0MHz(E) 121.5MHz(E)	2200 - 1400 Except FRI1401- SUN2159 and HOL Other time 1HR PN	(1)Primary
GND	Iwo Ground	236.8MHz(1) 319.0MHz	2200 - 1400 Except FRI1401- SUN2159 and HOL Other time 1HR PN	
DEP/APP	Iwo Departure/ Iwo Approach	284.6MHz 138.3MHz 243.0MHz(E) 121.5MHz(E)	2200 - 1400 Except FRI1401- SUN2159 and HOL Other time 1HR PN	
ASR	Iwo Radar	284.6MHz(1) 138.3MHz(1) 335.6MHz 125.3MHz	2200 - 1400 Except FRI1401- SUN2159 and HOL Other time 1HR PN	Maintenance period: 2200-0200 MON in VMC.
GCA-ASR -PAR	Iwo Radar/ Iwo GCA	270.8 MHz(1) 134.1 MHz(1) 258.6MHz 317.2MHz 141.25MHz	2200 - 1400 Except FRI1401- SUN2159 and HOL Other time 1HR PN	Maintenance period: 2200-0200 MON in VMC. ASR, PAR RWY 07/25 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
NDB	OX	360kHz	H24	*244621N 1411827E*		
TACAN	IJT	996MHz (CH-35X)	H24	*244705N 1411857E*	356ft	

RJAW AD 2.20 LOCAL TRAFFIC REGULATIONS

1. 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

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

RJAW AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJAW AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

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

2. MISSED APCH PROCEDURE FOR PAR/ASR APCH

2.1 PAR/ASR RWY25 APCH

MISSED APPROACH
- by NDB: At guidance limit, Turn left climb via 150° from OX to 3000', then turn left proceed to OX and hold.
- by TACAN: 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
- by NDB: At guidance limit, Turn right climb via 150° from OX to 3000', then turn left proceed to OX and hold.
- by TACAN: 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

MINIMA	THR elev. 361		AD elev. 388	
CAT			CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	VIS
A	570(209)	1000	820(432)	1600
B			840(452)	
C			860(472)	2400
D			940(552)	3200

PAR RWY25

MINIMA	THR elev. 388		AD elev. 388	
CAT			CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	VIS
A	588(200)	1000	820(432)	1600
B			840(452)	
C			860(472)	2400
D			940(552)	3200

ASR RWY07

MINIMA	THR elev. 361		AD elev. 388	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	720(359)	1500	820(432)	1600
B			840(452)	
C		1800	860(472)	2400
D		2000	940(552)	3200

ASR RWY25

MINIMA	THR elev. 388		AD elev. 388	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	760(372)	1500	820(432)	1600
B			840(452)	
C		1800	860(472)	2400
D		2000	940(552)	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 or IWOTO NDB 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

AD CLSD 2300-2359 1st and 3rd SUN. REFER NOTAM RJAW.

RJAW AD 2.24 CHARTS RELATED TO AN AERODROME

Standard Departure Chart - Instrument
Standard Arrival Chart - Instrument
Instrument Approach Chart (NDB A)
Instrument Approach Chart (NDB B)
Instrument Approach Chart (TACAN Z 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)

STANDARD DEPARTURE CHART - INSTRUMENT

RJAW / IWOTO

SID and TRANSITION

IWO TWO DEPARTURE

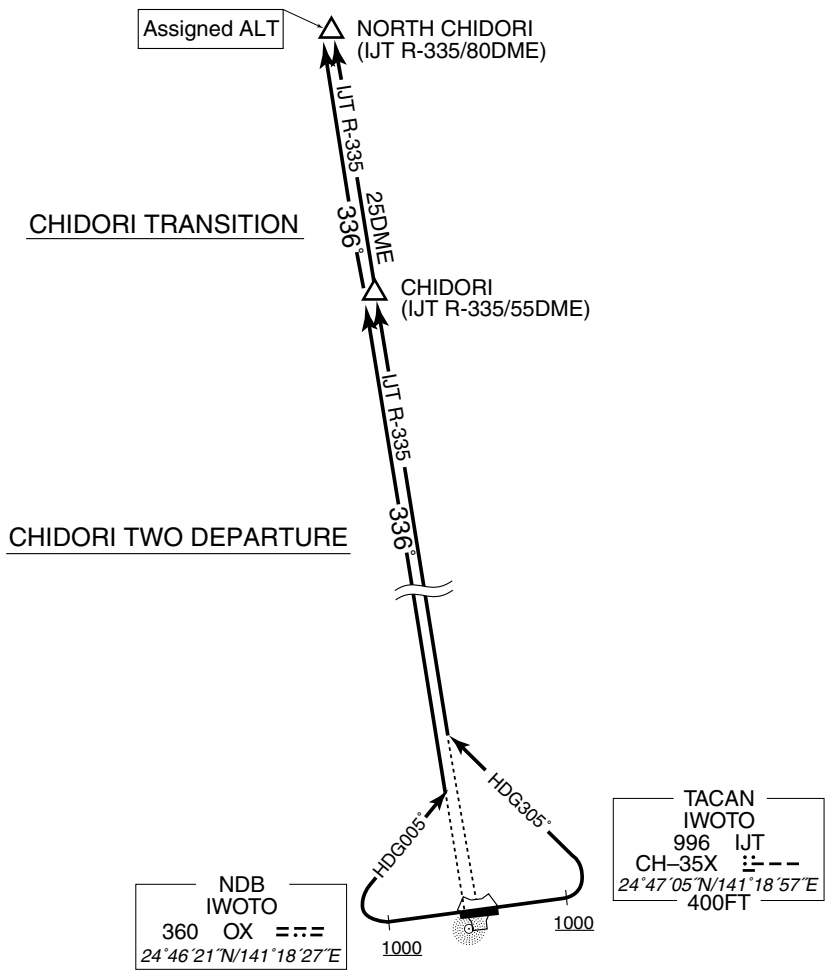
RWY 07/25 : Climb RWY HDG to 1000´ or above, then proceed as directed by ATC.
Remarks: IWO TWO DEPARTURE is not illustrated.

CHIDORI TWO DEPARTURE

RWY 07 : Climb RWY HDG to 1000´ or above, turn left HDG305˚ to intercept and proceed via IJT R-335 (336˚ from OX) to CHIDORI.
RWY 25 : Climb RWY HDG to 1000´ or above, turn right HDG005˚ to intercept and proceed via IJT R-335 (336˚ from OX) to CHIDORI.

CHIDORI TRANSITION

After CHIDORI, proceed via IJT R-335 (336˚ from OX) to NORTH CHIDORI.
Cross NORTH CHIDORI at assigned altitude.



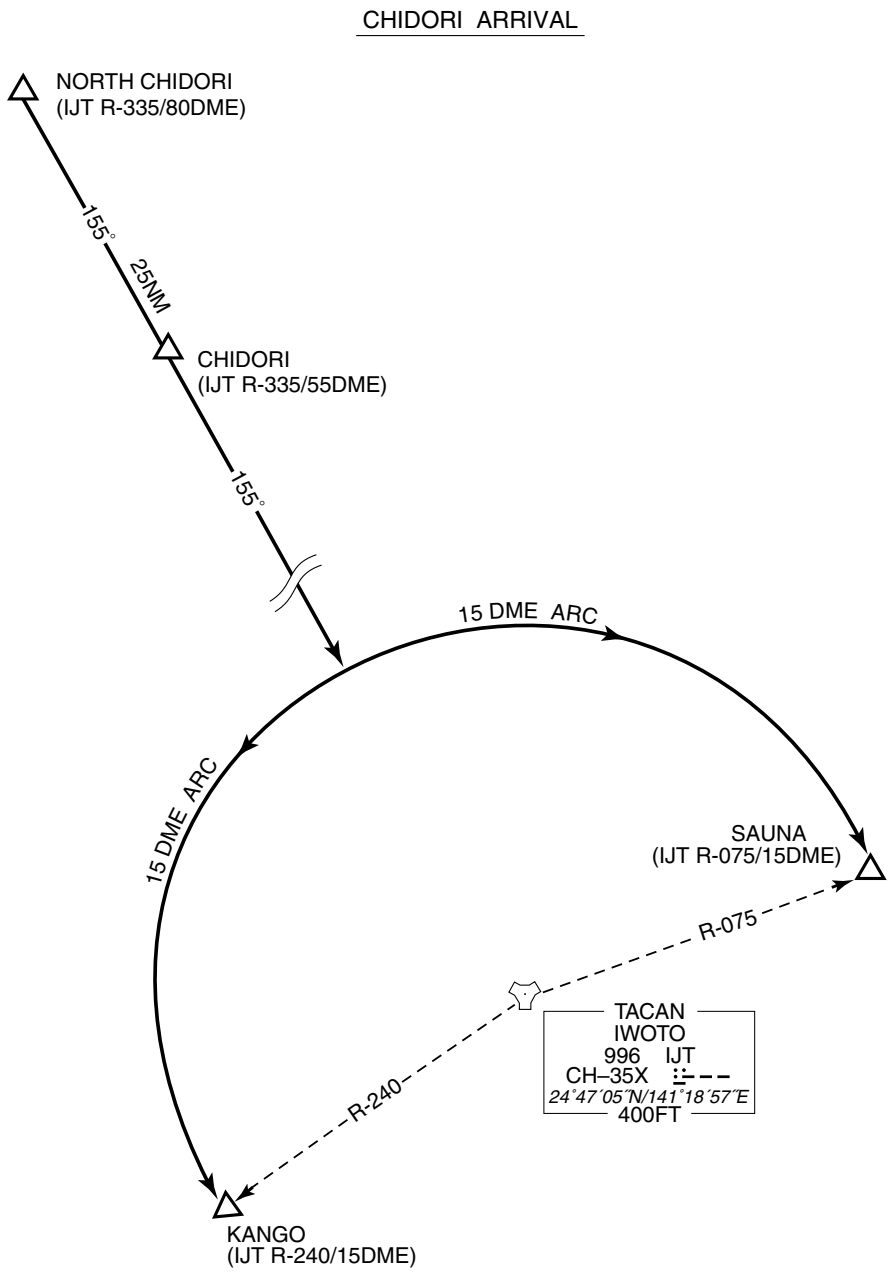
STANDARD ARRIVAL CHART - INSTRUMENT

RJAW / IWOTO STAR

CHIDORI ARRIVAL

From over NORTH CHIDORI, proceed via IJT R-335 to IJT R-335/15DME, then turn right (left) via IJT 15DME counter-clockwise (clockwise) arc to KANGO (SAUNA).

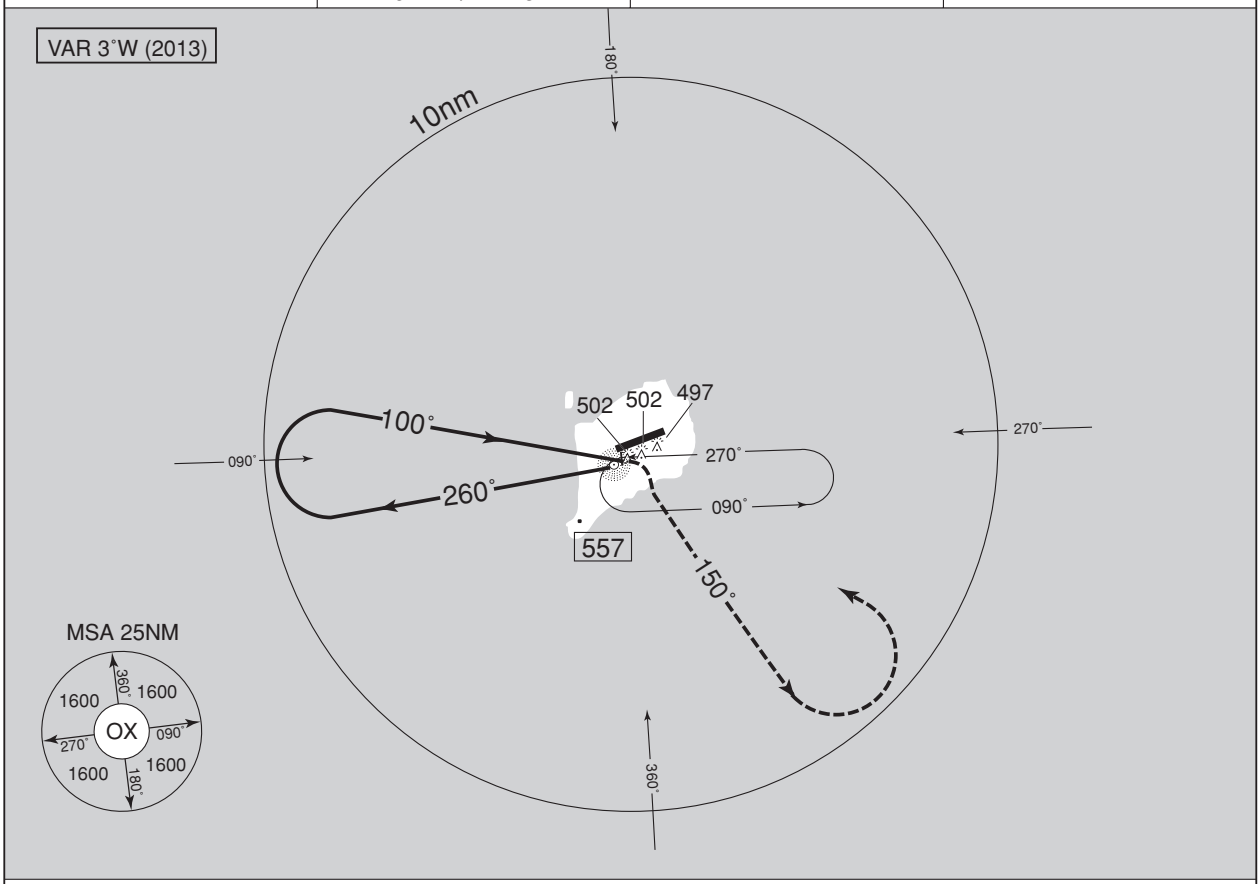
Cross CHIDORI at altitude specified by ATC.

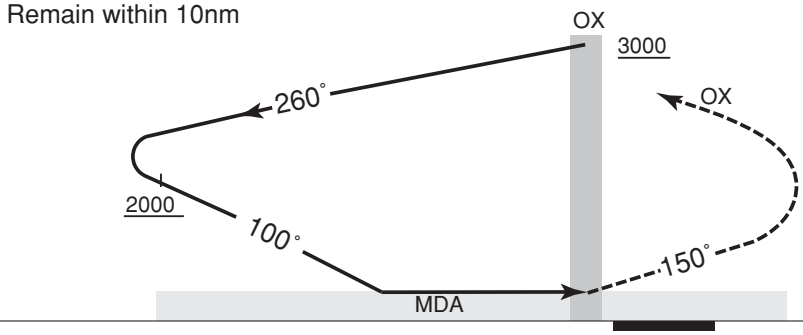


INSTRUMENT APPROACH CHART

RJAW / IWOTO NDB A

IWO APP	IWOTO NDB	IWO TOWER	GCA AVAILABLE
138.3 – 284.6	360 OX =:.= *24˚46´21˝N/141˚18´27˝E*	126.2 – 228.2	CALL IWO APP





MISSED APPROACH

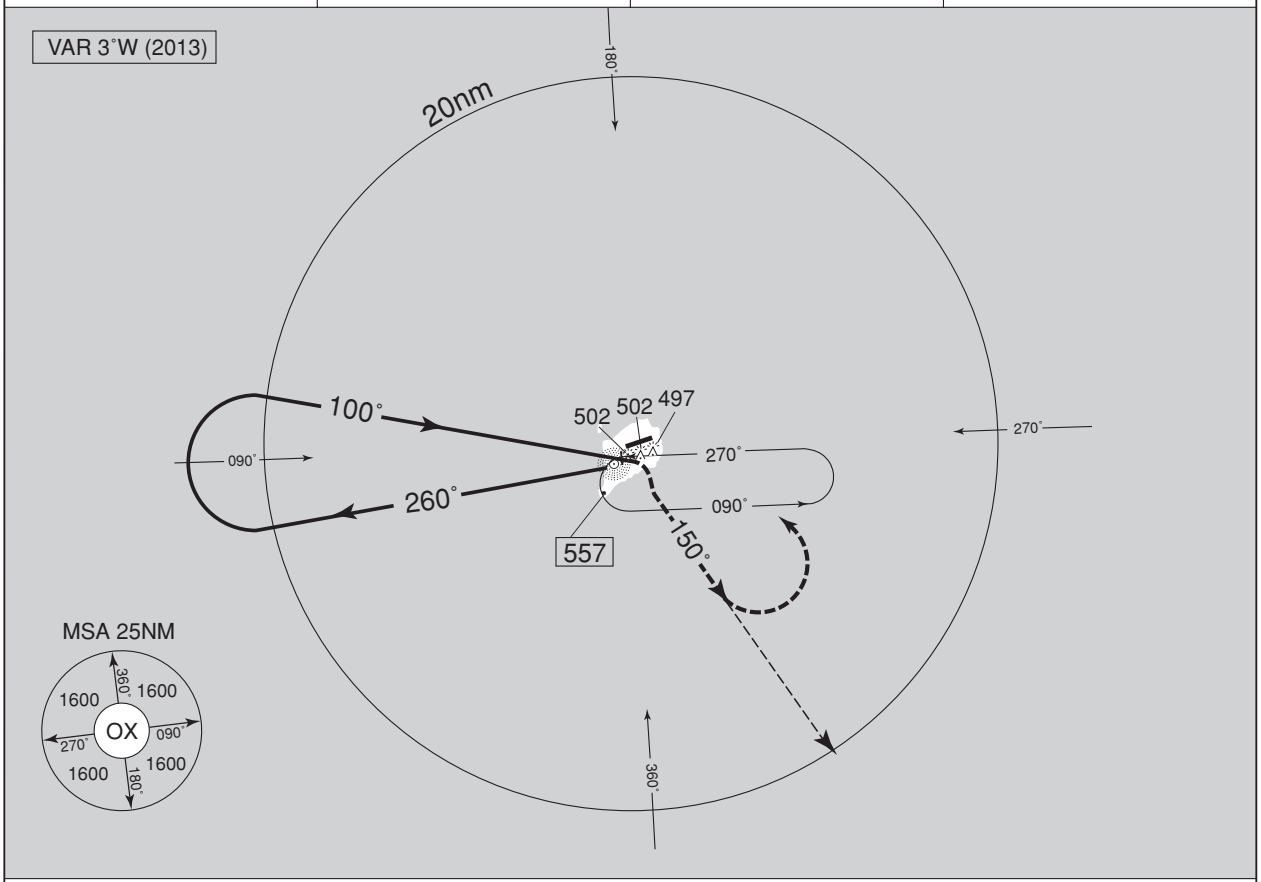
At OX NDB, turn right climb via 150˚ from OX NDB to 3000´, then turn left within 10nm. Proceed to OX NDB and hold. Contact IWO APP.

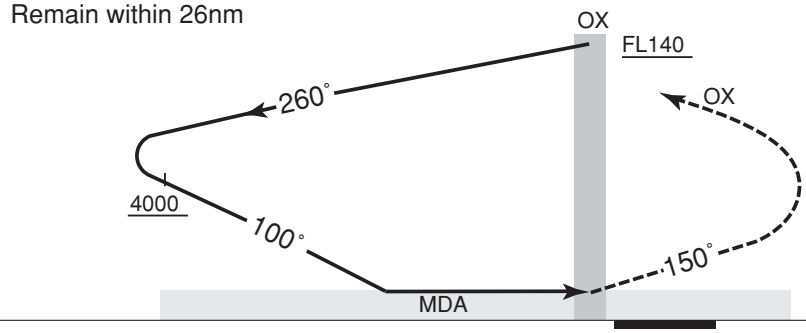
MINIMA	AD elev. 388	
CAT	CIRCLING	
	MDA(H)	VIS
A	860 (472)	1600
B		
C		2400
D	940 (552)	3200

INSTRUMENT APPROACH CHART

RJAW / IWOTO NDB B

IWO APP	IWOTO NDB	IWO TOWER	GCA AVAILABLE
138.3 – 284.6	360 OX =∴= *24˚46´21˝N/141˚18´27˝E*	126.2 – 228.2	CALL IWO APP





MISSED APPROACH

At OX NDB, turn right climb via 150˚ from OX NDB to 3000´, then turn left within 10nm.
Proceed to OX NDB and hold.
Contact IWO APP.

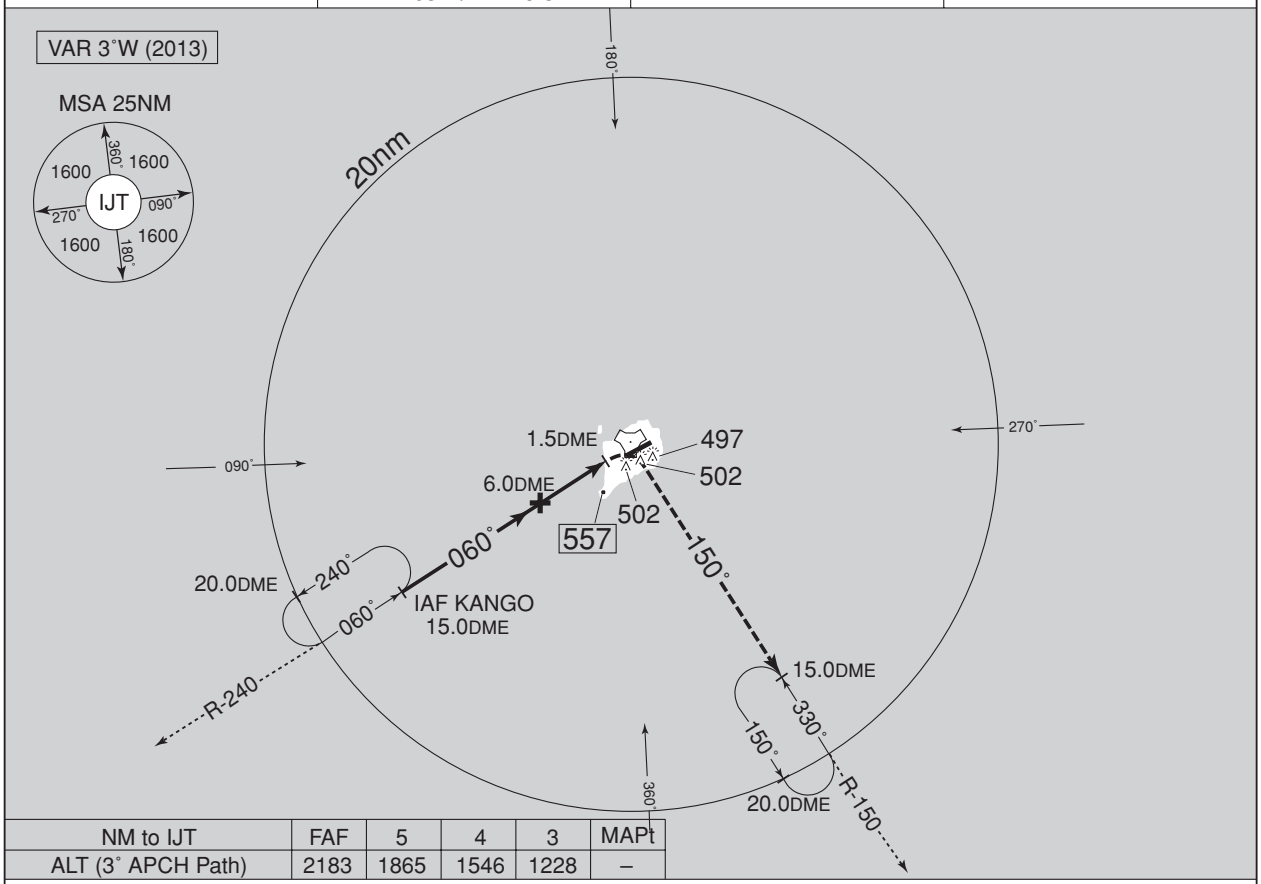
MINIMA AD elev. 388

CAT	CIRCLING	
	MDA(H)	VIS
A	1060 (672)	1600
B		
C		2400
D		3200

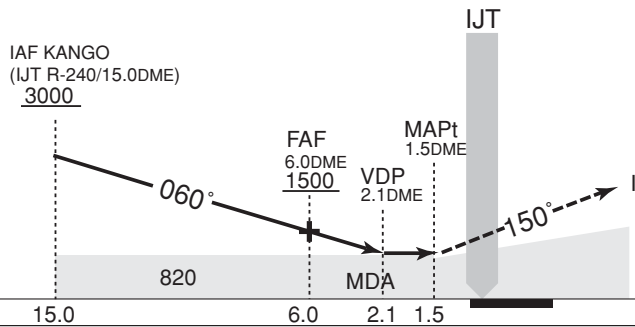
INSTRUMENT APPROACH CHART

RJAW / IWOTO TACAN Z RWY07

IWO APP	IWOTO TACAN	IWO TOWER	GCA AVAILABLE
138.3 – 284.6	996 IJT CH – 35X *24˚47´05˝N/141˚18´57˝E*	126.2 – 228.2	CALL IWO APP



NM to IJT	FAF	5	4	3	MAPt
ALT (3˚ APCH Path)	2183	1865	1546	1228	–



MISSED APPROACH

1.5DME prior to IJT TACAN, turn right climb via IJT R-150 to R-150 /15DME fix and hold at 3000´. Contact IWO APP.

15.0	6.0	2.1	1.5	NM to IJT
14.6	5.6	1.7	1.1	NM to RWY07

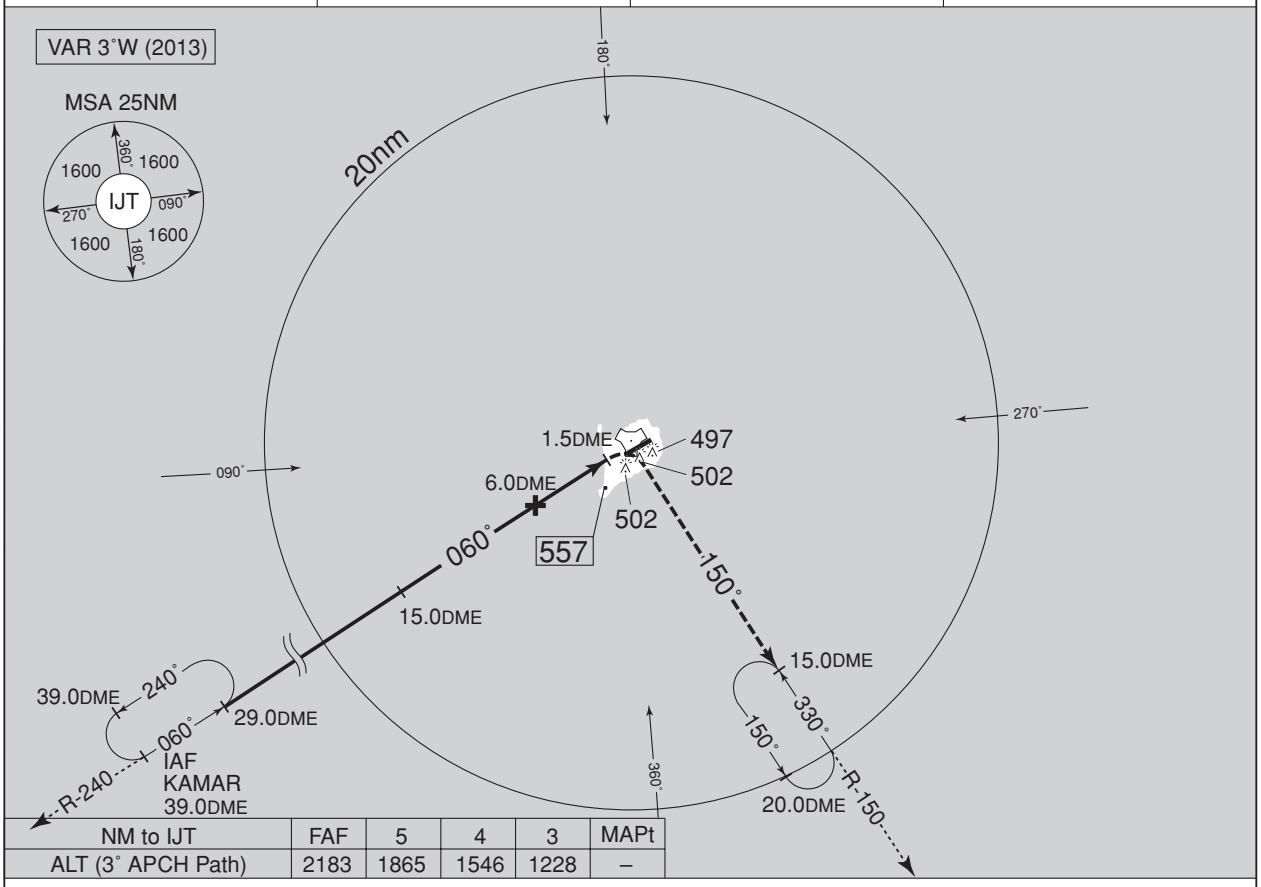
MINIMA THR elev. 361 AD elev. 388

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	820 (459)	1500	820 (432)	1600
B			840 (452)	
C		2000	860 (472)	2400
D			940 (552)	3200

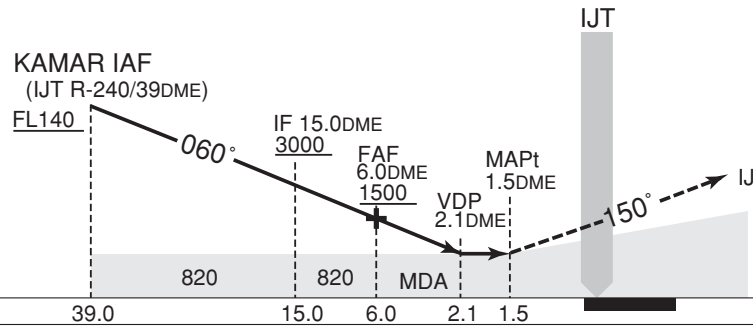
INSTRUMENT APPROACH CHART

RJAW / IWOTO TACAN Y RWY07

IWO APP	IWOTO TACAN	IWO TOWER	GCA AVAILABLE
138.3 – 284.6	996 IJT CH–35X *24˚47´05˝N/141˚18´57˝E*	126.2 – 228.2	CALL IWO APP



NM to IJT	FAF	5	4	3	MAPt
ALT (3˚ APCH Path)	2183	1865	1546	1228	–



MISSED APPROACH
1.5DME prior to IJT TACAN, turn right climb via IJT R-150 to R-150 /15DME fix and hold at 3000´. Contact IWO APP.

39.0	15.0	6.0	2.1	1.5	NM to IJT
38.6	14.6	5.6	1.7	1.1	NM to RWY07

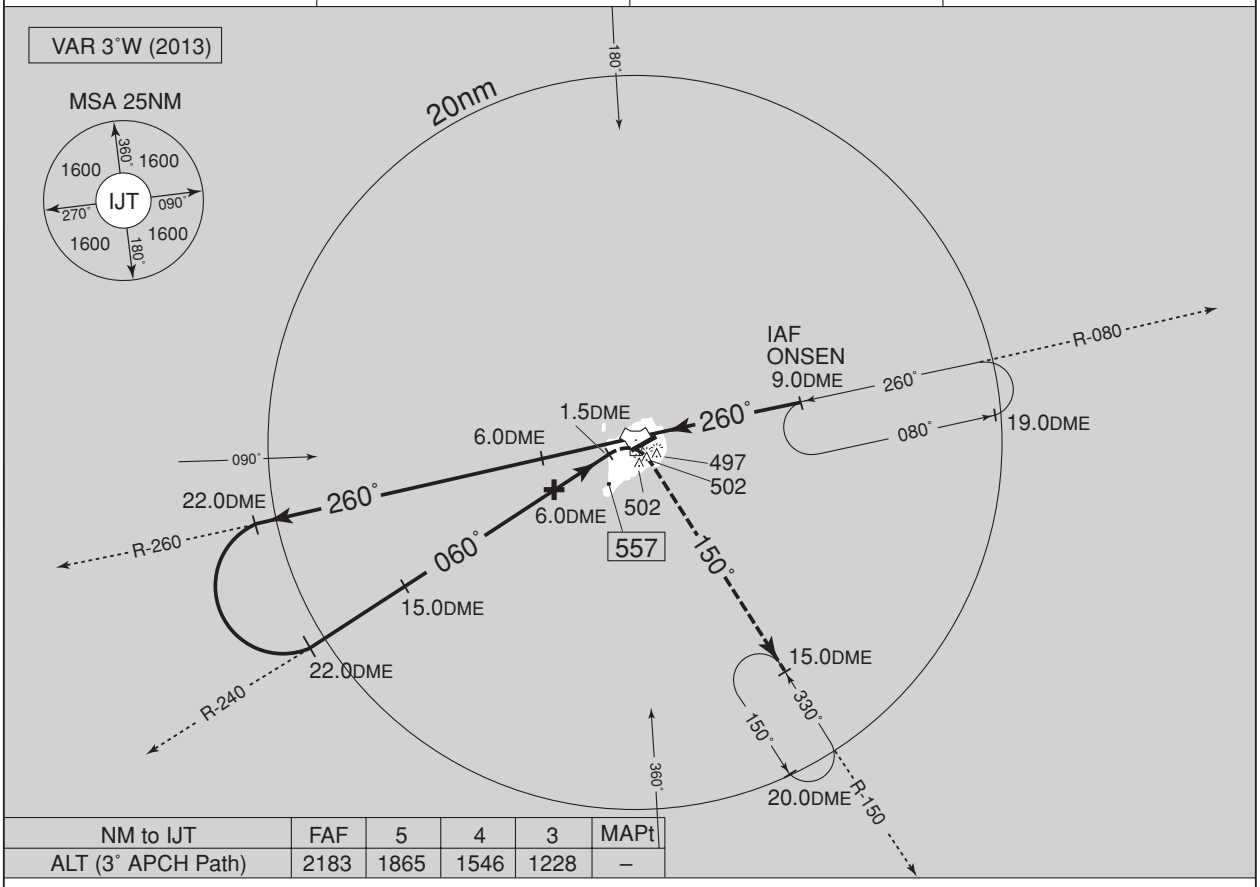
MINIMA THR elev. 361 AD elev. 388

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	820 (459)	1500	820 (432)	1600
B			840 (452)	
C		2000	860 (472)	2400
D			940 (552)	3200

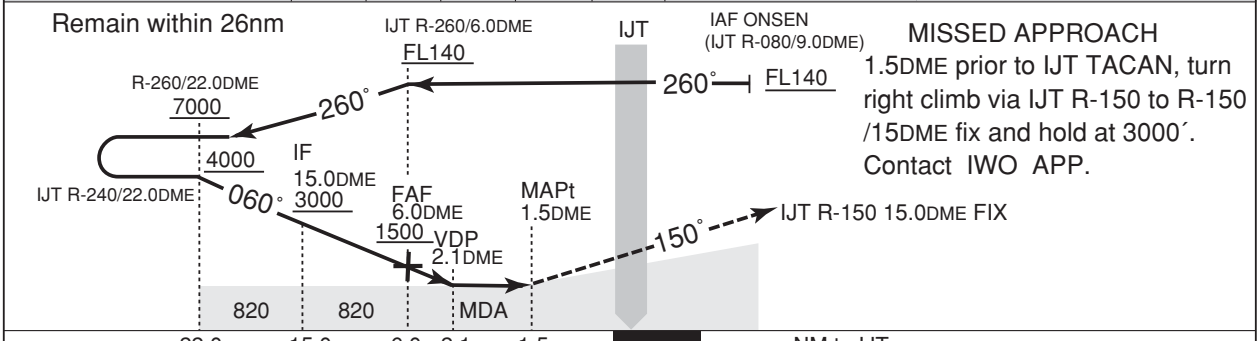
INSTRUMENT APPROACH CHART

RJAW / IWOTO TACAN X RWY07

IWO APP	IWOTO TACAN	IWO TOWER	GCA AVAILABLE
138.3 – 284.6	996 IJT CH – 35X *24˚47´05˝N/141˚18´57˝E*	126.2 – 228.2	CALL IWO APP



NM to IJT	FAF	5	4	3	MAPt
ALT (3˚ APCH Path)	2183	1865	1546	1228	–



MISSED APPROACH
1.5DME prior to IJT TACAN, turn right climb via IJT R-150 to R-150 /15DME fix and hold at 3000´. Contact IWO APP.

MINIMA THR elev. 361 AD elev. 388

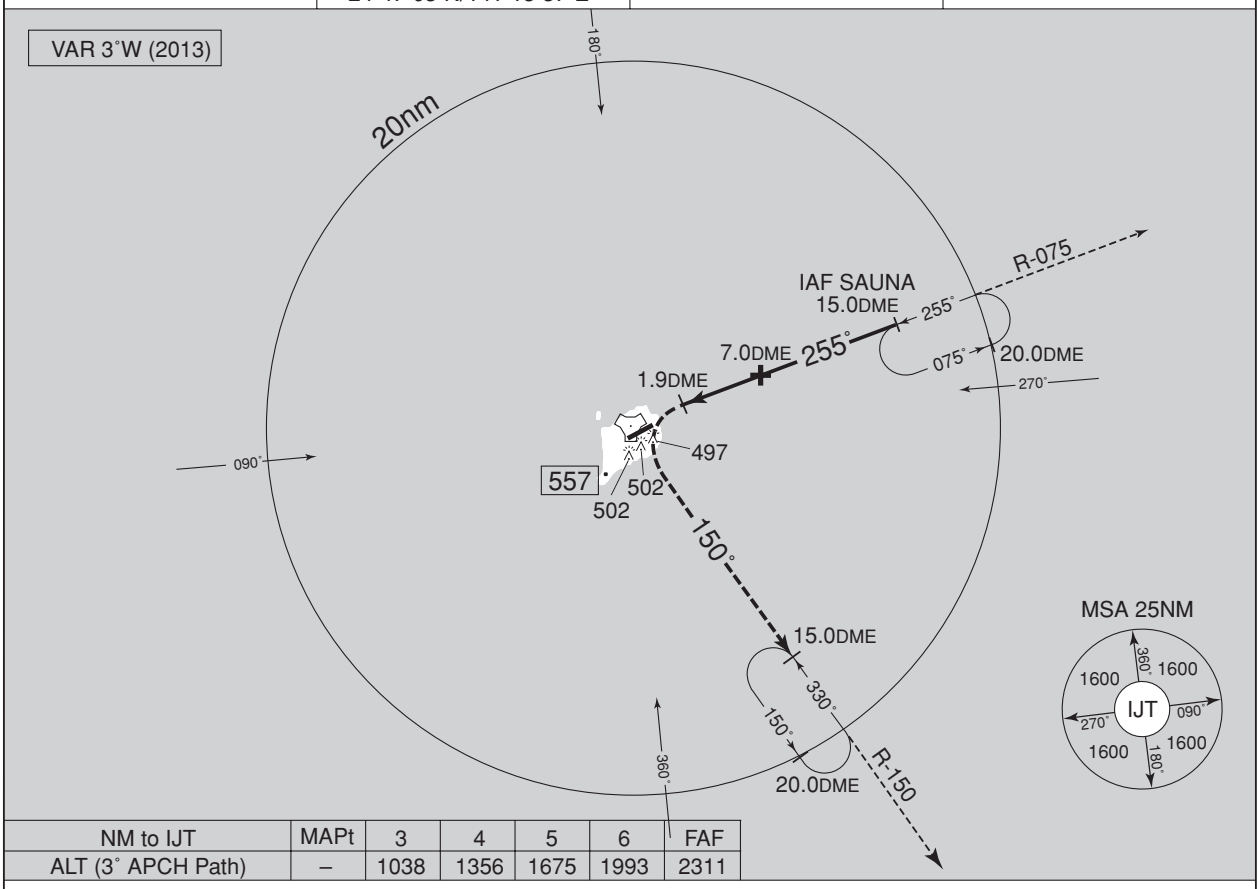
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	820 (459)	1500	820 (432)	1600
B			840 (452)	
C		2000	860 (472)	2400
D			940 (552)	3200

INSTRUMENT APPROACH CHART

RJAW / IWOTO

TACAN Z RWY25

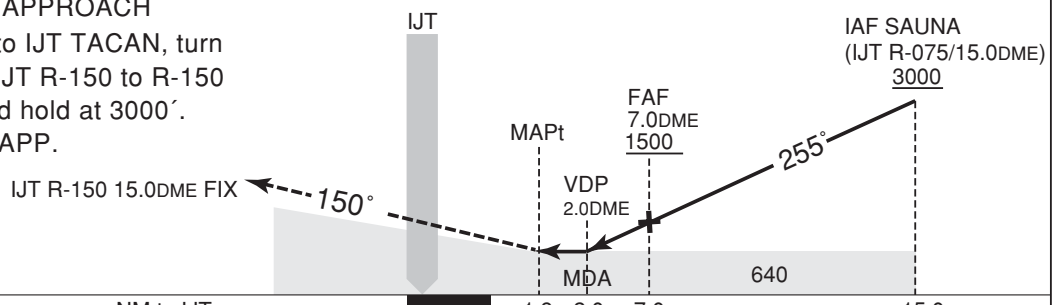
IWO APP	IWOTO TACAN 996 IJT CH-35X *24˚47´05˝N/141˚18´57˝E*	IWO TOWER	GCA AVAILABLE CALL IWO APP
138.3 – 284.6		126.2 – 228.2	



NM to IJT	MAPt	3	4	5	6	FAF
ALT (3˚ APCH Path)	–	1038	1356	1675	1993	2311

MISSED APPROACH

1.9DME prior to IJT TACAN, turn left climb via IJT R-150 to R-150 /15DME fix and hold at 3000´. Contact IWO APP.



NM to IJT	1.9	2.0	7.0		15.0
NM to RWY25	0.8	0.9	5.9		13.9

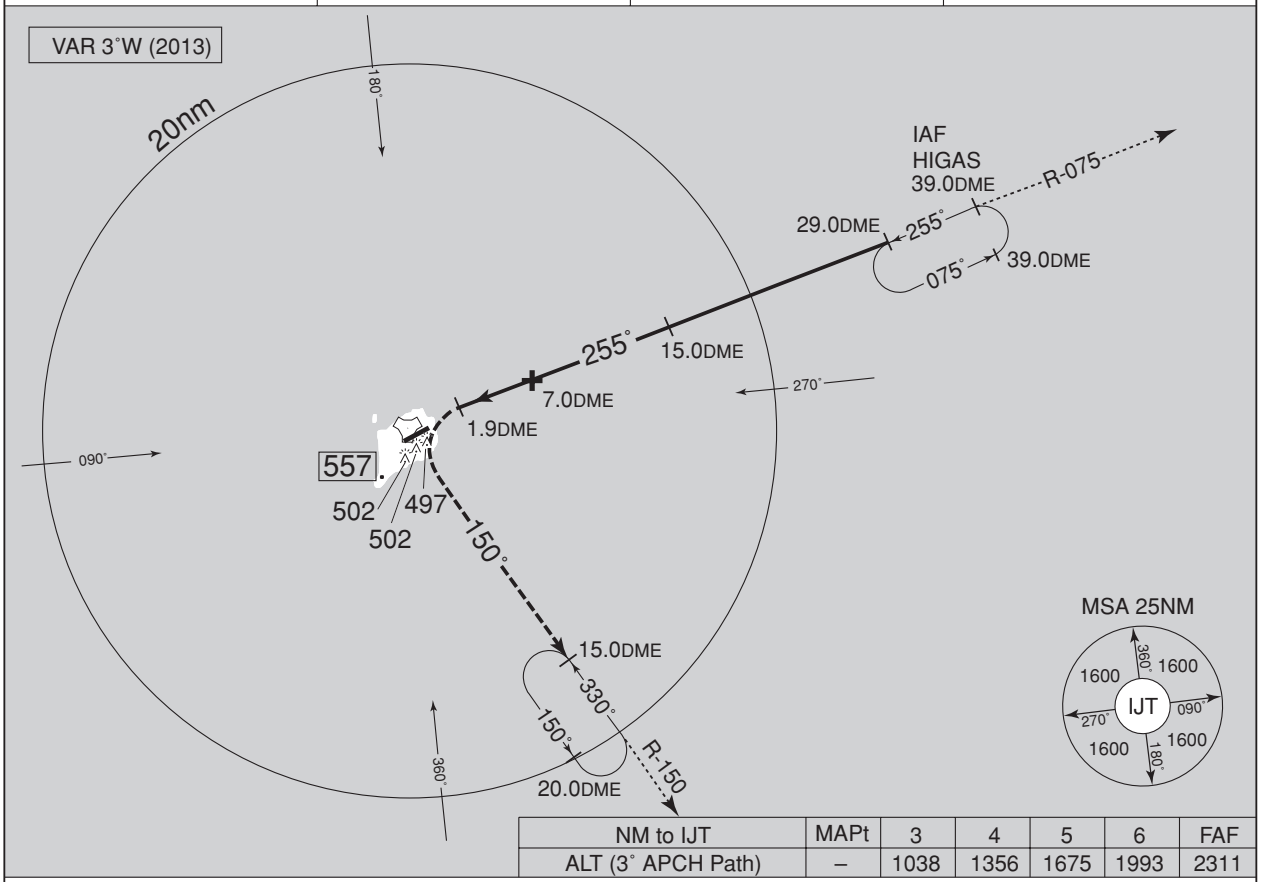
MINIMA THR elev. 388 AD elev. 388

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	640 (252)	1500	820 (432)	1600
B			840 (452)	
C		1600	860 (472)	2400
D		1800	940 (552)	3200

INSTRUMENT APPROACH CHART

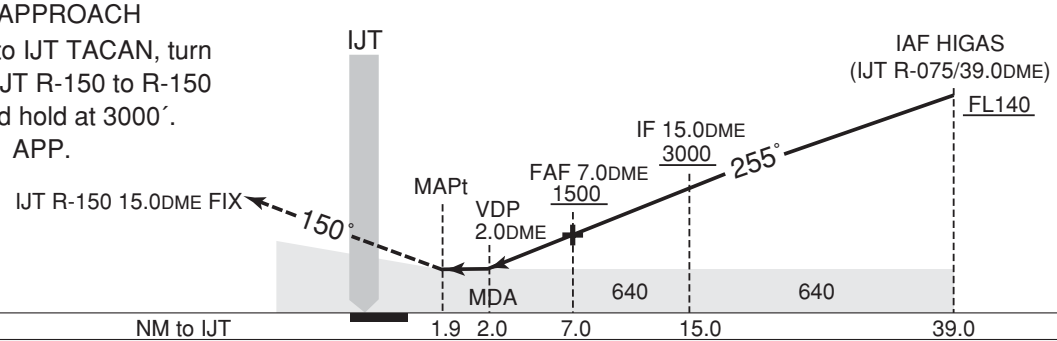
RJAW / IWOTO TACAN Y RWY25

IWO APP	IWOTO TACAN 996 IJT CH–35X *24°47′05″N/141°18′57″E*	IWO TOWER	GCA AVAILABLE CALL IWO APP
138.3 – 284.6		126.2 – 228.2	



NM to IJT	MAPt	3	4	5	6	FAF
ALT (3° APCH Path)	–	1038	1356	1675	1993	2311

MISSED APPROACH
1.9DME prior to IJT TACAN, turn left climb via IJT R-150 to R-150 /15DME fix and hold at 3000′.
Contact IWO APP.



NM to IJT	1.9	2.0	7.0	15.0		39.0
NM to RWY25	0.8	0.9	5.9	13.9		37.9

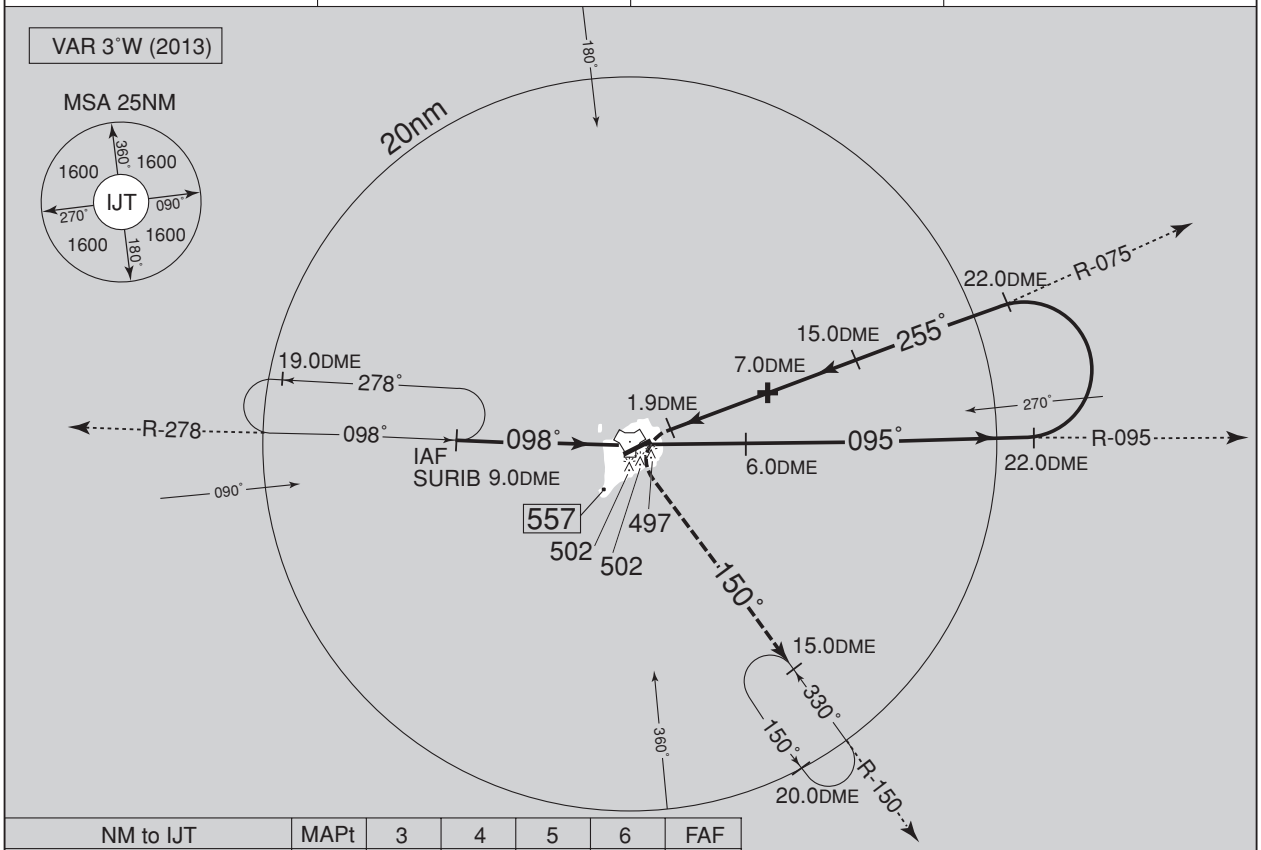
MINIMA THR elev. 388 AD elev. 388

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	640 (252)	1500	820 (432)	1600
B			840 (452)	
C		1600	860 (472)	2400
D		1800	940 (552)	3200

INSTRUMENT APPROACH CHART

RJAW / IWOTO TACAN X RWY25

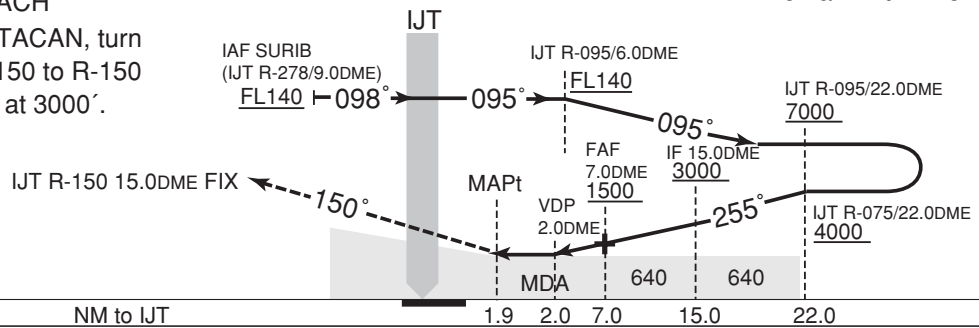
IWO APP	IWOTO TACAN	IWO TOWER	GCA AVAILABLE
138.3 – 284.6	996 IJT CH – 35X *24˚47´05˝N/141˚18´57˝E*	126.2 – 228.2	CALL IWO APP



NM to IJT	MAPt	3	4	5	6	FAF
ALT (3˚ APCH Path)	–	1038	1356	1675	1993	2311

MISSED APPROACH

1.9DME prior to IJT TACAN, turn left climb via IJT R-150 to R-150 /15DME fix and hold at 3000´.
Contact IWO APP.



NM to IJT	1.9	2.0	7.0	15.0	22.0
NM to RWY25	0.8	0.9	5.9	13.9	20.9

MINIMA THR elev. 388 AD elev. 388

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	640 (252)	1500	820 (432)	1600
B			840 (452)	
C		1600	860 (472)	2400
D		1800	940 (552)	3200