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 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)	IFR/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 (154300lbs) DTW125000kg (275600lbs) Asphalt	*244646.72N* *1411837.88E*	THR ELEV: 395ft
25	247.88°	2650×60		*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			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

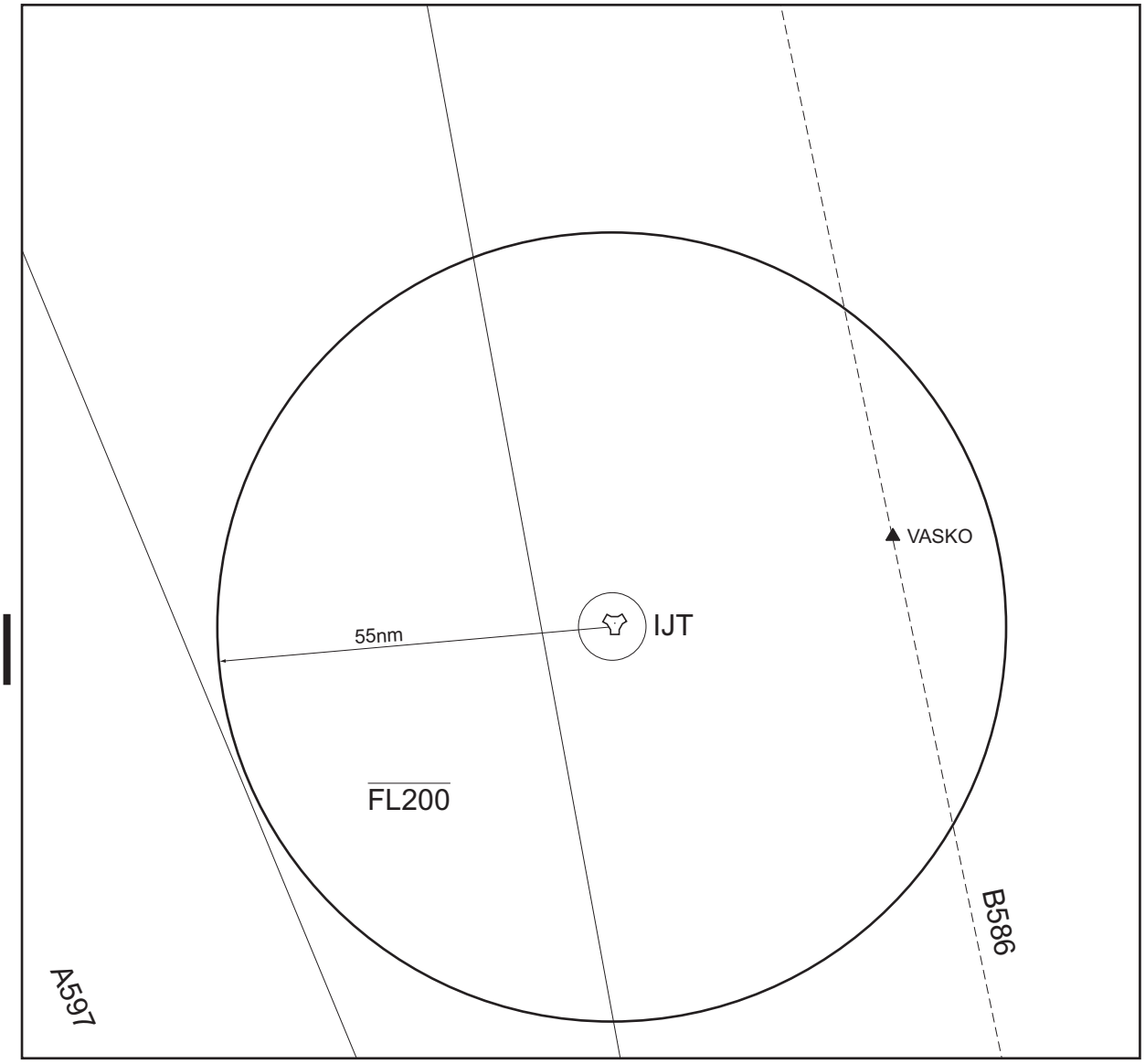
RJAW AD 2.16 HELICOPTER LANDING AREA

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 (*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 FRI 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 FRI 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
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.

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

1-1. 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				

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

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

MINIMA	THR elev. 395		AD elev. 419	
CAT			CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	VIS
A	595(200)	1000	820(401)	1600
B			870(451)	
C				2400
D			970(551)	3200

PAR RWY25

MINIMA	THR elev. 419		AD elev. 419	
CAT			CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	VIS
A	619(200)	1000	820(401)	1600
B			870(451)	
C				2400
D			970(551)	3200

ASR RWY07

MINIMA	THR elev. 395		AD elev. 419	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	740(345)	1500	820(401)	1600
B			870(451)	
C		1800		2400
D		2000	970(551)	3200

ASR RWY25

MINIMA	THR elev. 419		AD elev. 419	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	780(361)	1500	820(401)	1600
B			870(451)	
C		1800		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

Nil

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 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

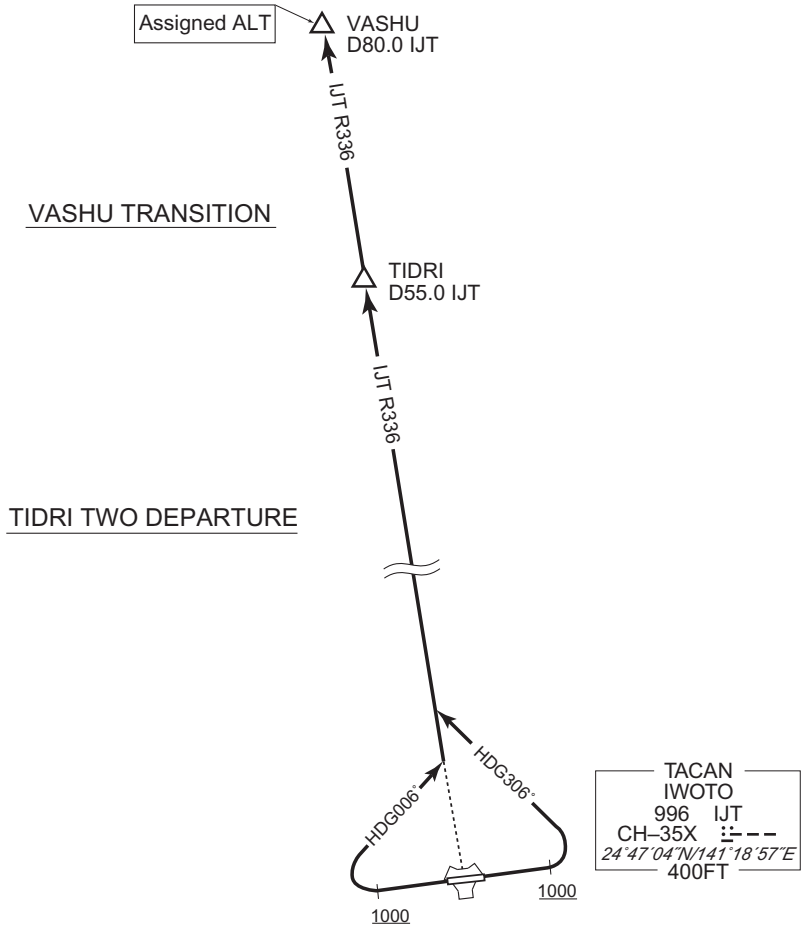
RWY 07/25 : Climb RWY HDG to 1000FT or above, then proceed as directed by ATC.
Remarks: IWO TWO DEPARTURE is not illustrated.

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.



CHANGE : PROC renamed. IWOTO NDB(OX) abolished.

STANDARD DEPARTURE CHART - INSTRUMENT

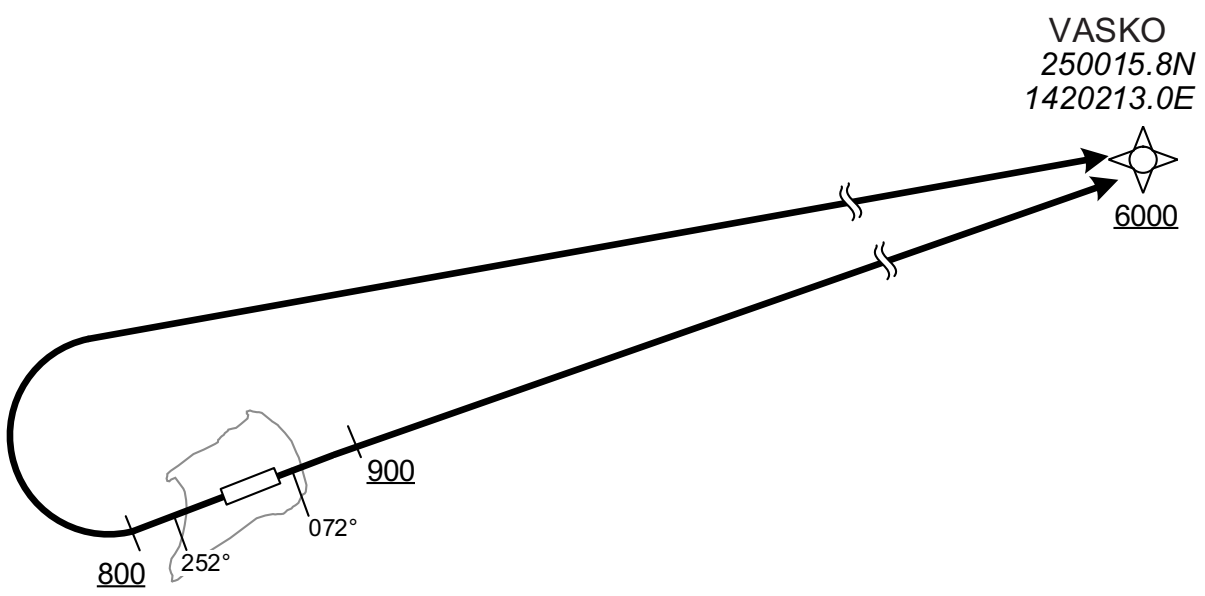
RJAW /IWOTO

RNAV SID

VASKO TWO DEPARTURE	RNP1

Note GNSS required.

VAR 4°W



CHANGE : PROC renamed. ALT restriction after DEP FM RWY07.

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	Distance (NM)	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 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	—	—	252 (247.8)	-3.9	—	—	+800	—	—	RNP1
002	DF	VASKO	—	—	-3.9	—	R	+6000	—	—	RNP1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAW / IWOTO STAR

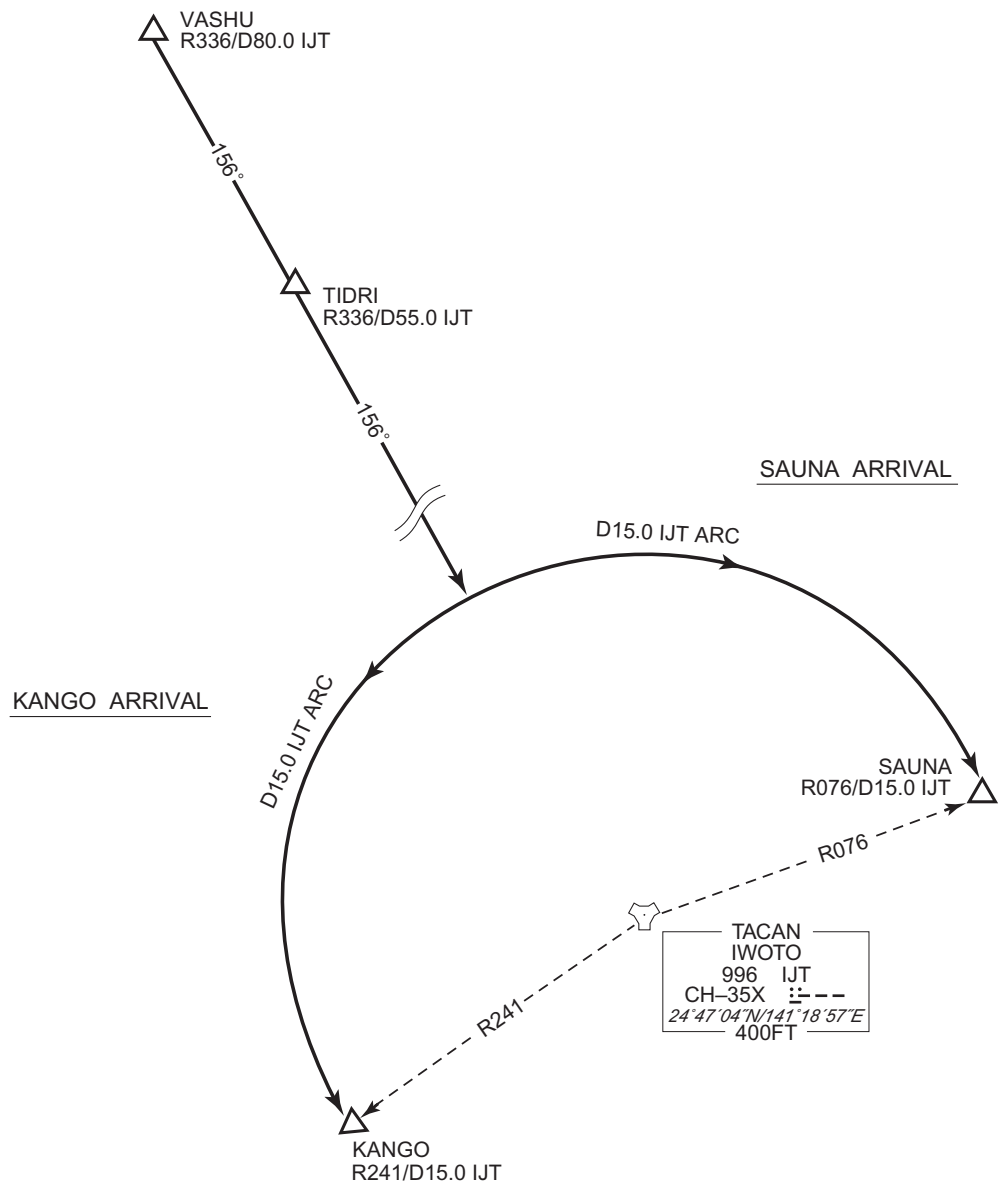
CHANGE : CHIDORI ARRIVAL abolished. KANGO ARRIVAL SAUNA ARRIVAL established.

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.



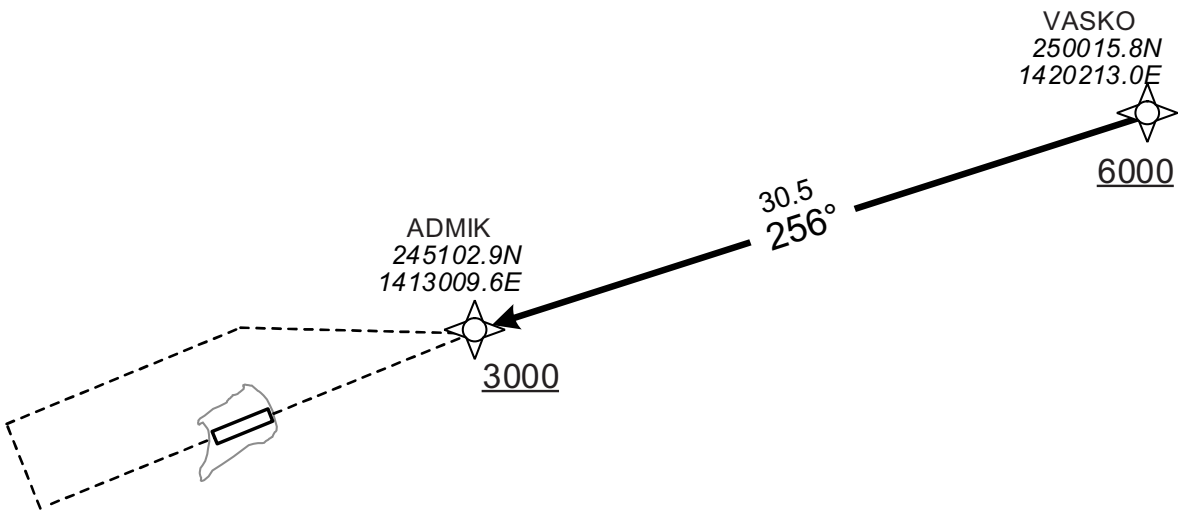
STANDARD ARRIVAL CHART - INSTRUMENT

RJAW /IWOTO RNAV STAR

VASKO ARRIVAL	RNP1

Note GNSS required.

VAR 4°W



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

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	VASKO	—	—	-3.9	—	—	+6000	—	—	RNP1
002	TF	ADMIK	—	256 (252.5)	-3.9	30.5	—	+3000	—	—	RNP1

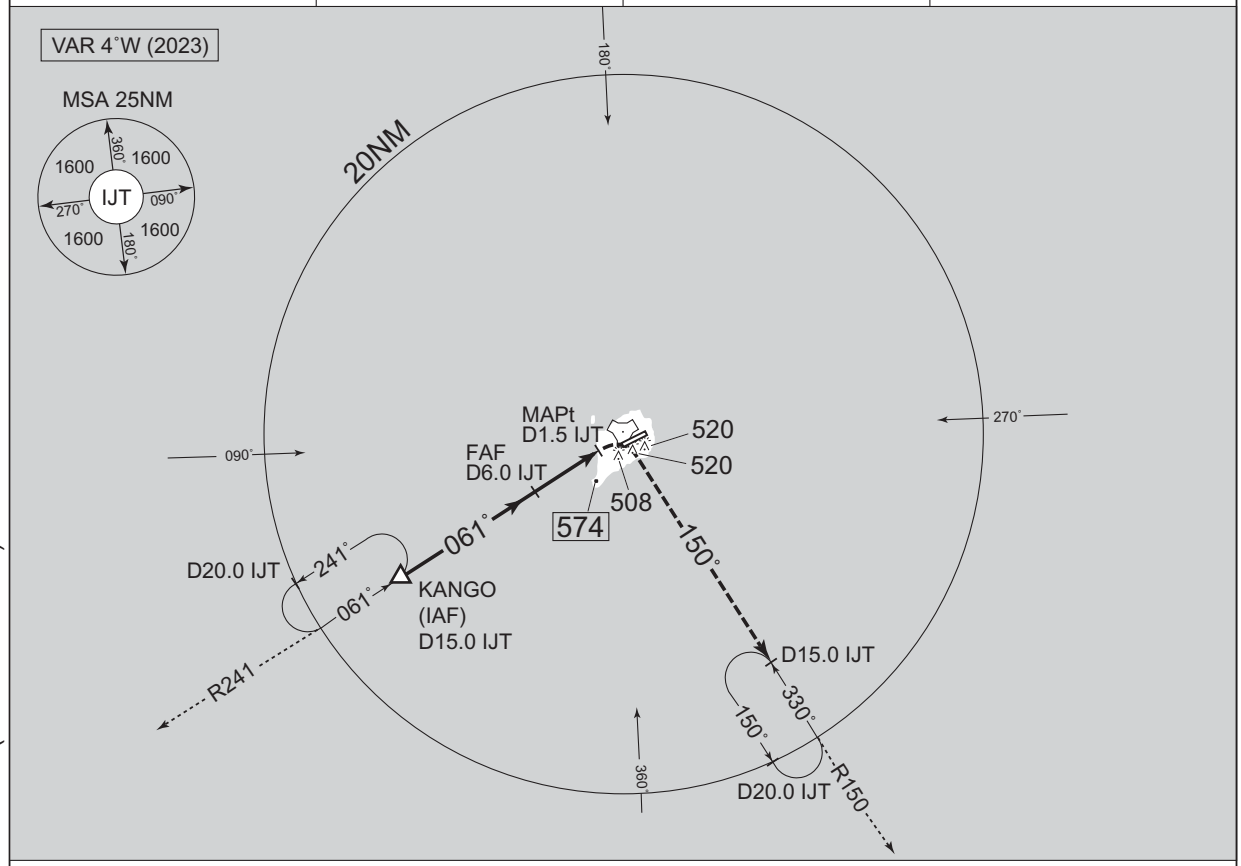
CHANGE : Navigation Specification(Basic RNP1 → RNP1).

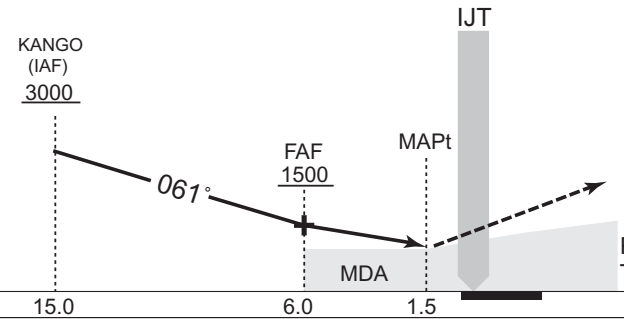
INSTRUMENT APPROACH CHART

RJAW / IWOTO

TACAN Z RWY07

IWO APP	IWOTO TACAN	IWO TOWER	RADAR AVAILABLE
138.3 – 284.6	996 IJT CH – 35X *24˚47′04″N/141˚18′57″E*	126.2 – 228.2	CALL IWO APP





MISSED APPROACH

1.5DME prior to IJT TACAN, turn right climb via IJT R150 to R150 /15.0DME fix and hold at 3000FT. Contact IWO APP.

PAPI and descent angles not coincident.
Timing not authorized for defining the MAPt.

15.0	6.0	1.5	DME to IJT
14.6	5.6	1.1	NM to THR

MINIMA THR elev. 395 AD elev. 419

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	840 (445)	1500	840 (421)	1600
B			870 (451)	
C		1800		2400
D		2000	970 (551)	3200

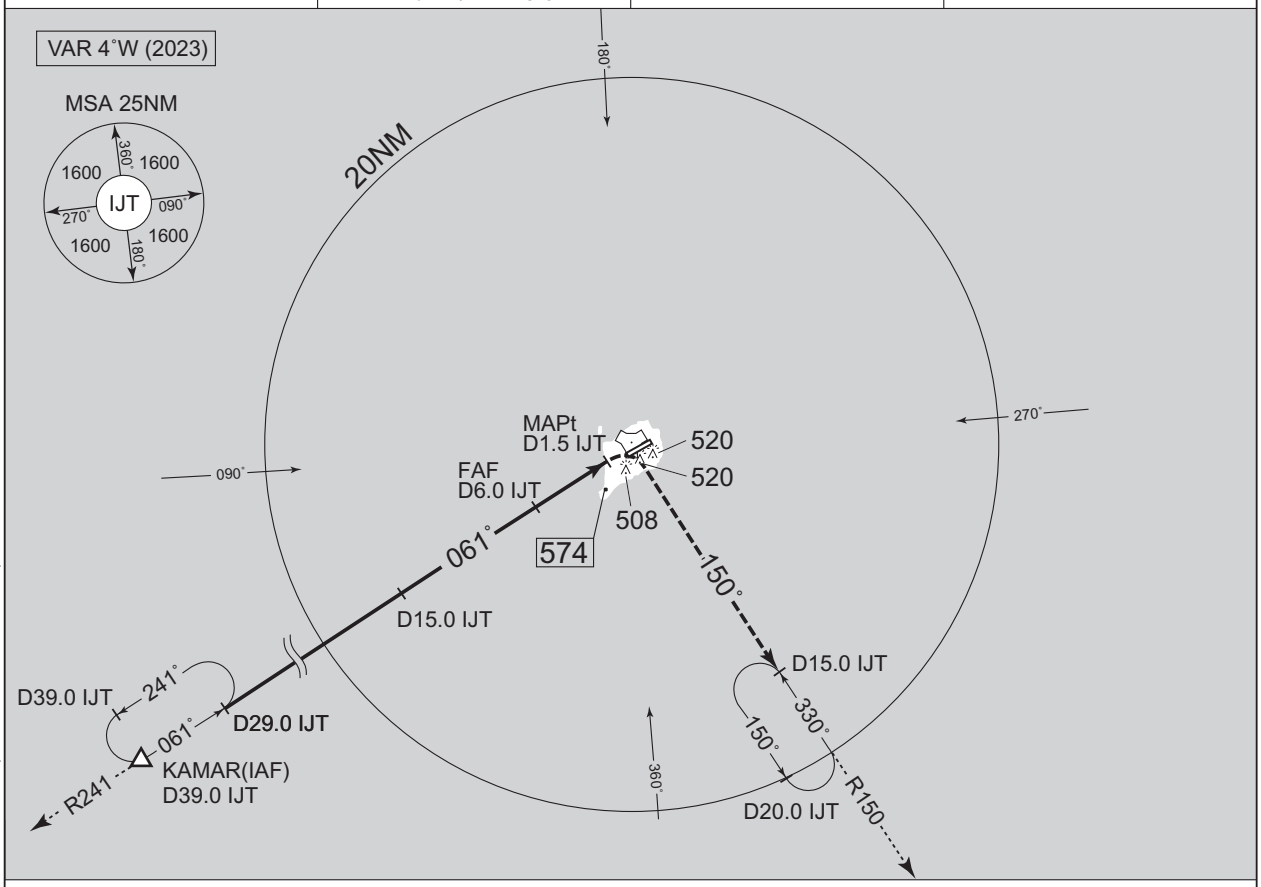
CHANGE : Shape of PROC course for profile view. PROC ALT abolished. ALT(3.0° APCH Path) abolished. MINIMA. THR elev. AD elev.

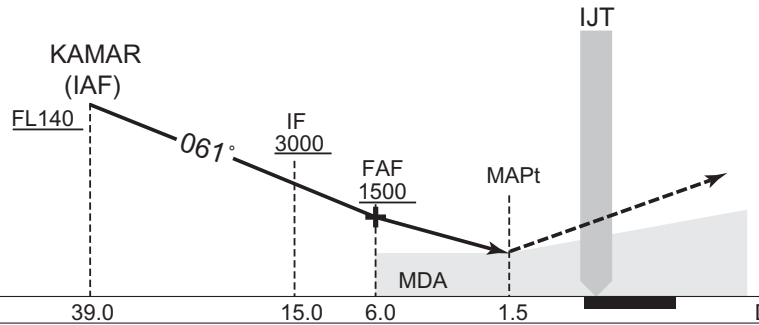
INSTRUMENT APPROACH CHART

RJAW / IWOTO

TACAN Y RWY07

IWO APP	IWOTO TACAN	IWO TOWER	RADAR AVAILABLE
138.3 – 284.6	996 IJT CH–35X *24˚47´04˝N/141˚18´57˝E*	126.2 – 228.2	CALL IWO APP





MISSED APPROACH

1.5DME prior to IJT TACAN, turn right climb via IJT R150 to R150 /15.0DME fix and hold at 3000FT. Contact IWO APP.

PAPI and descent angles not coincident.
Timing not authorized for defining the MAPt.

39.0	15.0	6.0	1.5	DME to IJT
38.6	14.6	5.6	1.1	NM to THR

MINIMA THR elev. 395 AD elev. 419

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	840 (445)	1500	840 (421)	1600
B			870 (451)	
C		1800		2400
D		2000	970 (551)	3200

CHANGE : Shape of PROC course for profile view. PROC ALT abolished. ALT(3.0° APCH Path) abolished. MINIMA. THR elev. AD elev.

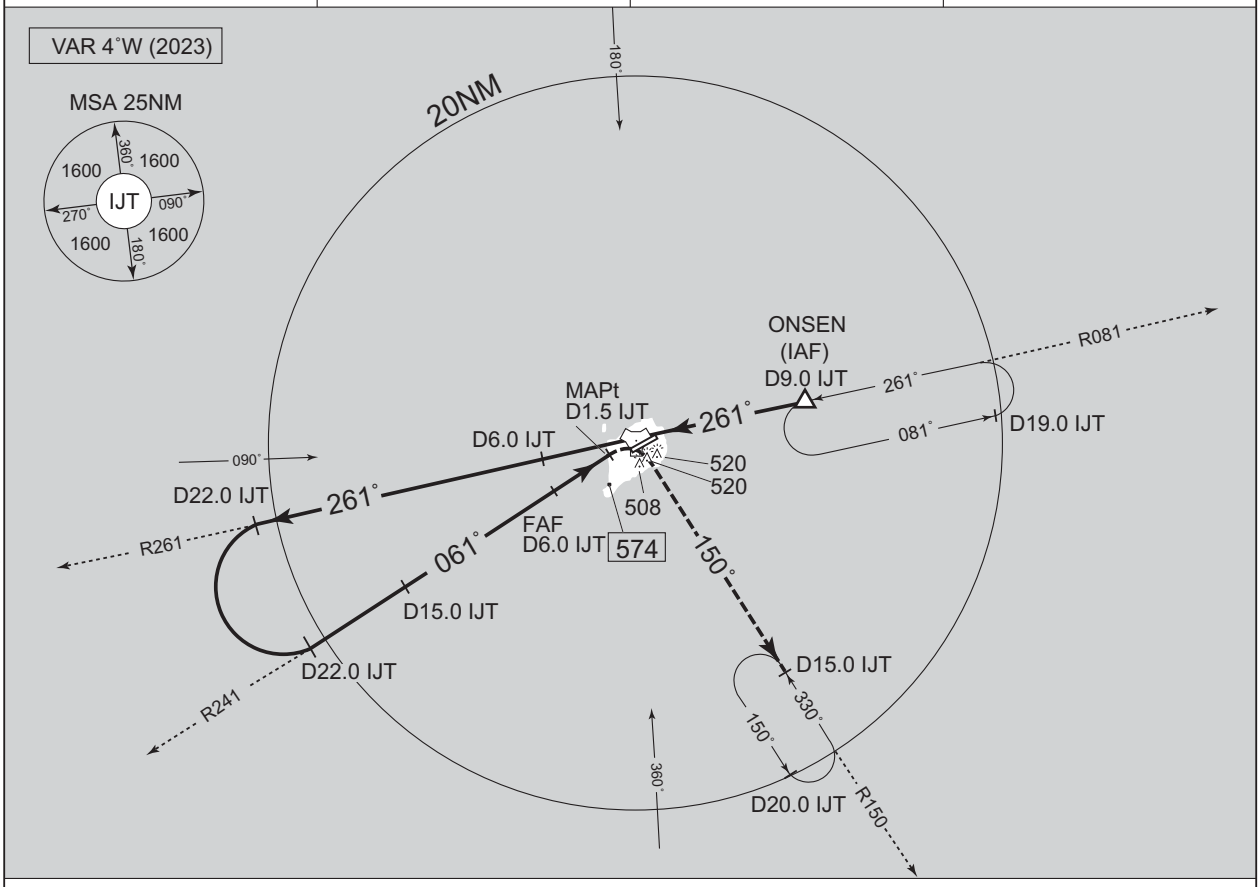
INSTRUMENT APPROACH CHART

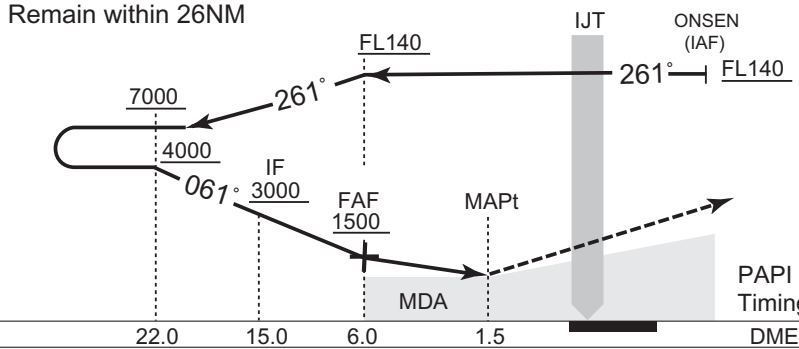
RJAW / IWOTO

TACAN X RWY07

IWO APP	IWOTO TACAN	IWO TOWER	RADAR AVAILABLE
138.3 – 284.6	996 IJT CH – 35X *24˚47´04˝N/141˚18´57˝E*	126.2 – 228.2	CALL IWO APP

CHANGE : Shape of PROC course for profile view. PROC ALT abolished. ALT(3.0° APCH Path) abolished. MINIMA. THR elev. AD elev.





MISSED APPROACH
1.5DME prior to IJT TACAN, turn right climb via IJT R150 to R150 /15.0DME fix and hold at 3000FT. Contact IWO APP.

PAPI and descent angles not coincident.
Timing not authorized for defining the MAPt.

22.0	15.0	6.0	1.5	DME to IJT
21.6	14.6	5.6	1.1	NM to THR

MINIMA THR elev. 395 AD elev. 419

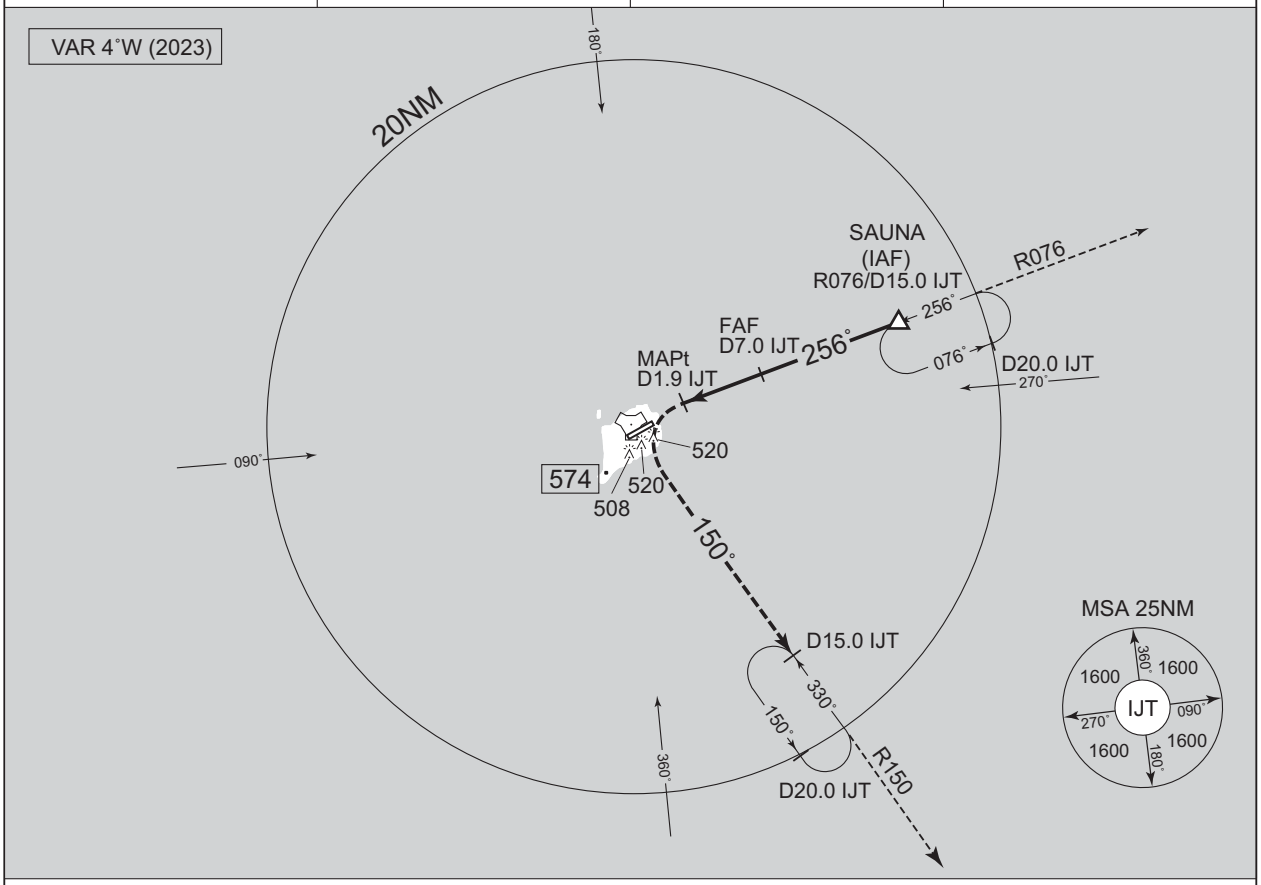
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	840 (445)	1500	840 (421)	1600
B			870 (451)	
C		1800		2400
D		2000	970 (551)	3200

INSTRUMENT APPROACH CHART

RJAW / IWOTO

TACAN Z RWY25

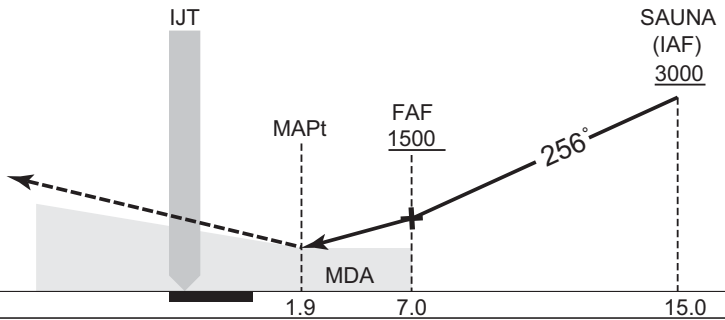
IWO APP	IWOTO TACAN 996 IJT CH-35X *24˚47´04˝N/141˚18´57˝E*	IWO TOWER	RADAR AVAILABLE CALL IWO APP
138.3 – 284.6		126.2 – 228.2	



MISSED APPROACH

1.9DME prior to IJT TACAN, turn left climb via IJT R150 to R150 /15.0DME fix and hold at 3000FT. Contact IWO APP.

PAPI and descent angles not coincident.
Timing not authorized for defining the MAPt.



DME to IJT	1.9	7.0	15.0
NM to THR	0.8	5.9	13.9

MINIMA THR elev. 419 AD elev. 419

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	800 (381)	1500	820 (401)	1600
B			870 (451)	
C		1800		2400
D		2000	970 (551)	3200

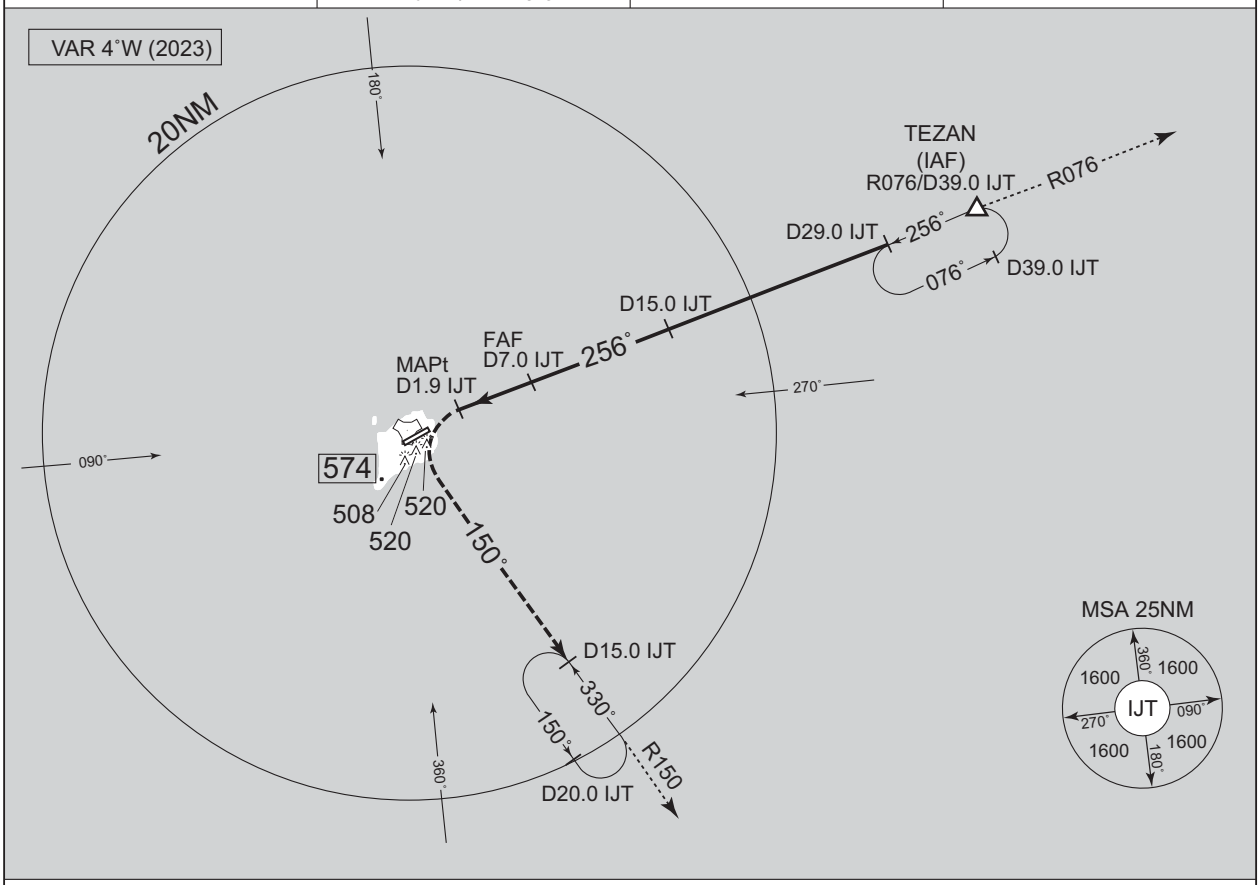
CHANGE : PROC ALT abolished. ALT(3.0° APCH Path) abolished. MINIMA. THR elev. AD elev.

INSTRUMENT APPROACH CHART

RJAW / IWOTO

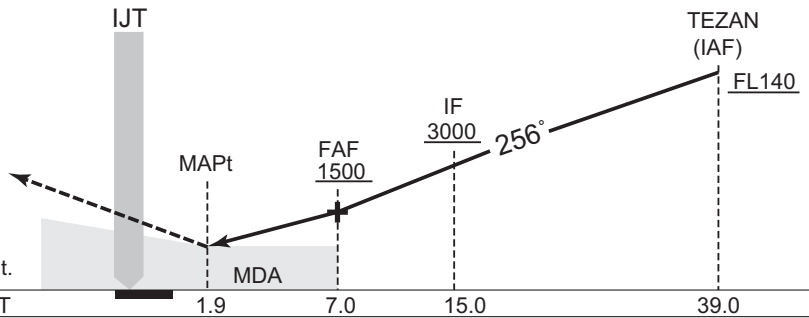
TACAN Y RWY25

IWO APP	IWOTO TACAN	IWO TOWER	RADAR AVAILABLE
138.3 – 284.6	996 IJT CH–35X 24°47′04″N/141°18′57″E	126.2 – 228.2	CALL IWO APP



MISSED APPROACH
1.9DME prior to IJT TACAN, turn left climb via IJT R150 to R150 /15.0DME fix and hold at 3000FT.
Contact IWO APP.

PAPI and descent angles not coincident.
Timing not authorized for defining the MAPt.



DME to IJT	1.9	7.0	15.0	39.0
NM to THR	0.8	5.9	13.9	37.9

MINIMA THR elev. 419 AD elev. 419

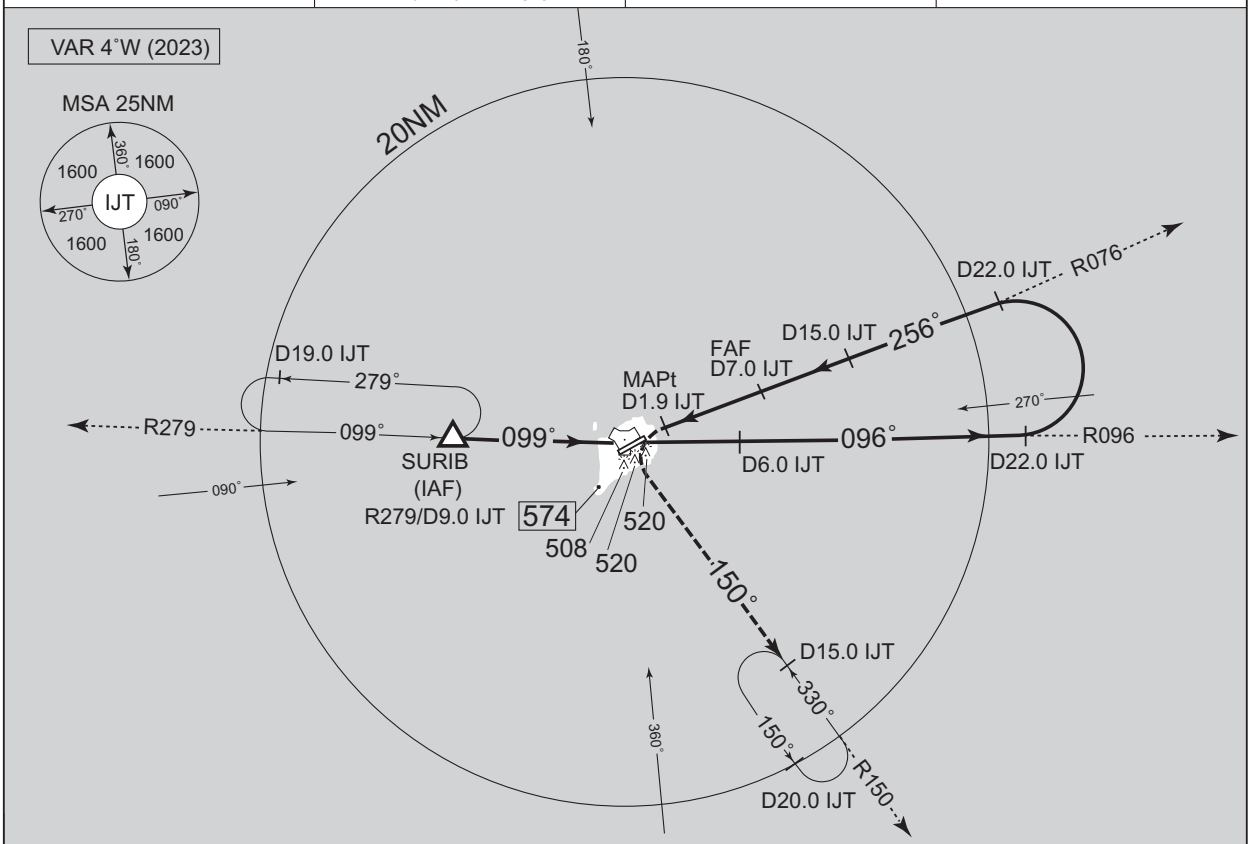
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	800 (381)	1500	820 (401)	1600
B			870 (451)	
C		1800		2400
D		2000	970 (551)	3200

CHANGE : PROC ALT abolished. ALT(3.0° APCH Path) abolished. MINIMA. THR elev. AD elev.

INSTRUMENT APPROACH CHART

RJAW / IWOTO TACAN X RWY25

IWO APP	IWOTO TACAN	IWO TOWER	RADAR AVAILABLE
138.3 – 284.6	996 IJT CH – 35X *24˚47´04˝N/141˚18´57˝E*	126.2 – 228.2	CALL IWO APP



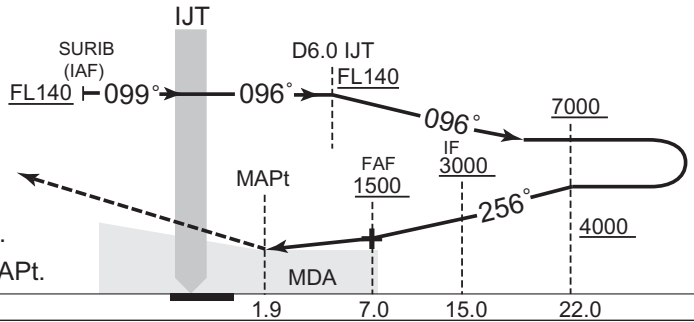
Remain within 26NM

MISSED APPROACH

1.9DME prior to IJT TACAN, turn left climb via IJT R150 to R150 /15.0DME fix and hold at 3000FT.
Contact IWO APP.

PAPI and descent angles not coincident.

Timing not authorized for defining the MAPt.



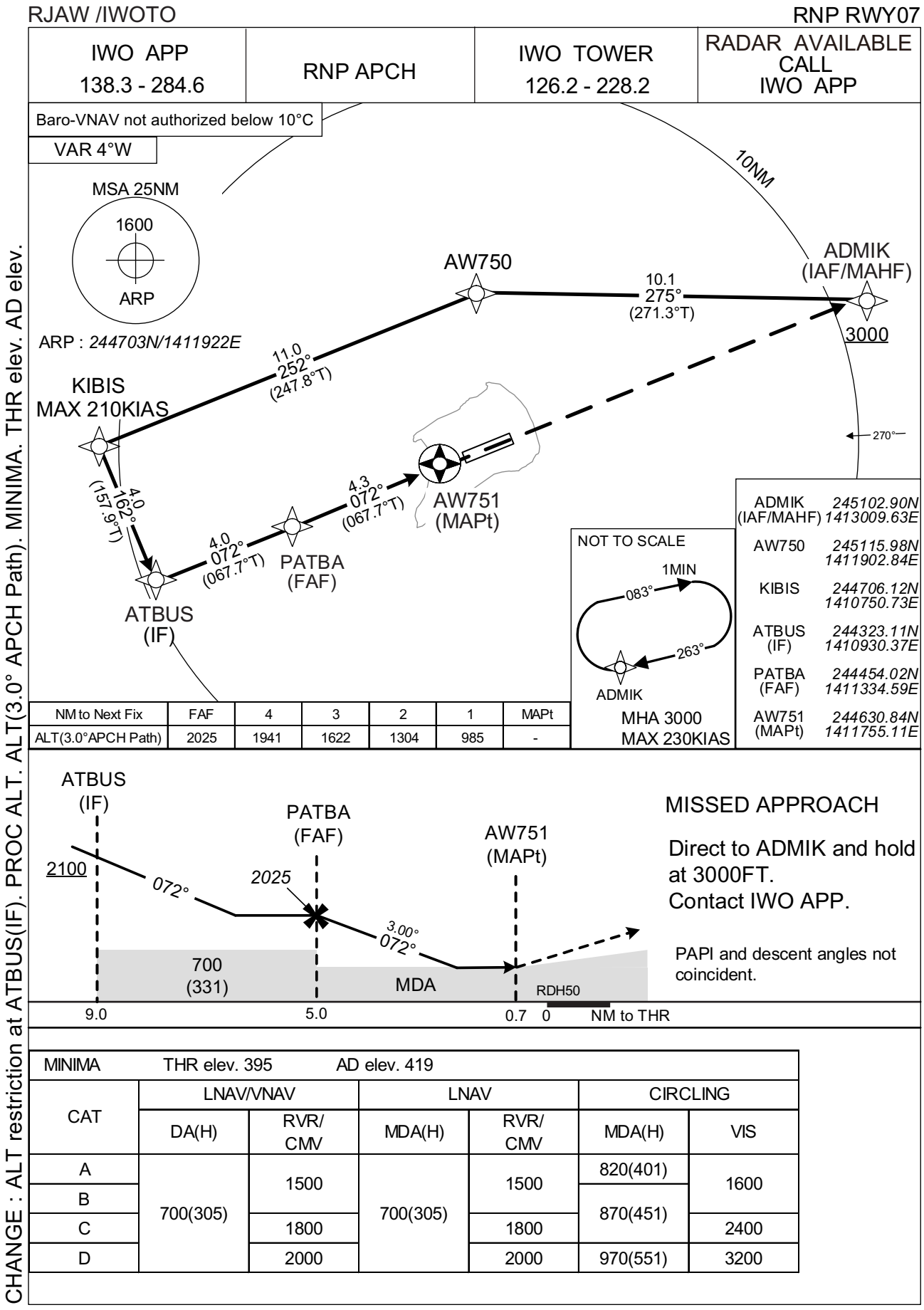
DME to IJT		1.9	7.0	15.0	22.0
NM to THR		0.8	5.9	13.9	20.9

MINIMA THR elev. 419 AD elev. 419

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	800 (381)	1500	820 (401)	1600
B			870 (451)	
C		1800		2400
D		2000	970 (551)	3200

CHANGE : PROC ALT abolished. ALT(3.0° APCH Path) abolished. MINIMA. THR elev. AD elev.

INSTRUMENT APPROACH CHART



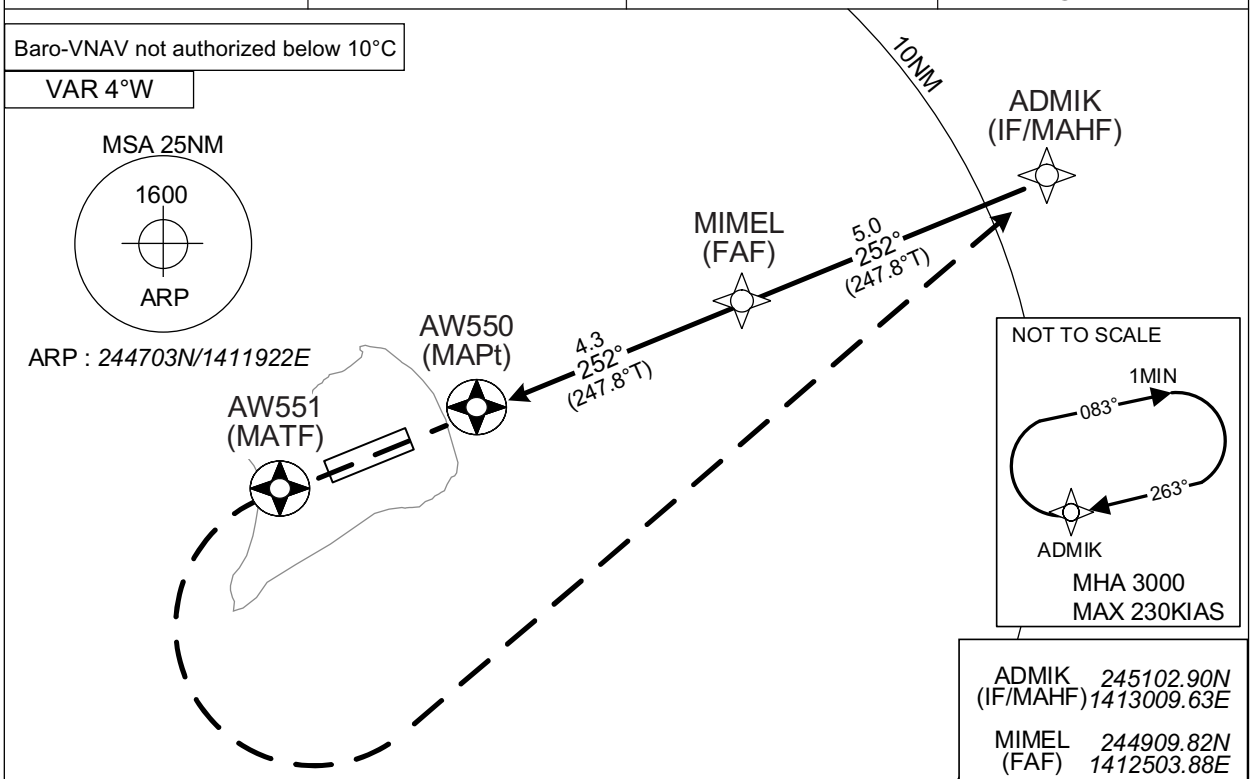
MINIMA	THR elev. 395		AD elev. 419			
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	700(305)	1500	700(305)	1500	820(401)	1600
B					870(451)	
C		1800		1800		2400
D		2000		2000	970(551)	3200

INSTRUMENT APPROACH CHART

RJAW /IWOTO

RNP RWY25

IWO APP 138.3 - 284.6	RNP APCH	IWO TOWER 126.2 - 228.2	RADAR AVAILABLE CALL IWO APP

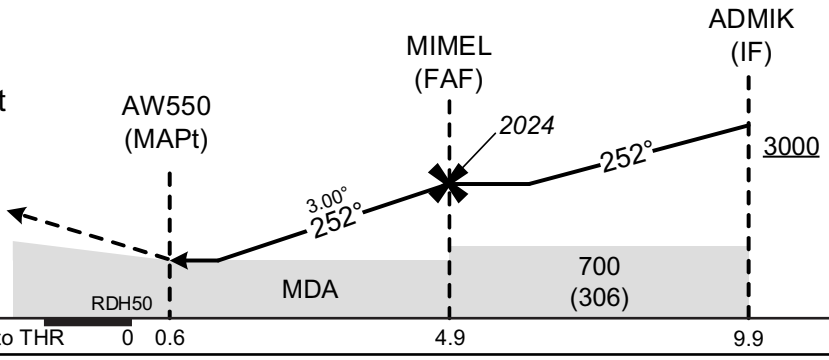


NM to Next Fix	MAPt	1	2	3	4	FAF
ALT(3.0°APCH Path)	-	978	1296	1614	1933	2024

MISSED APPROACH

Direct to AW551, turn left direct to ADMIK and hold at 3000FT.
Contact IWO APP.

PAPI and descent angles not coincident.



MINIMA	THR elev. 419		AD elev. 419			
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	695(276)	1500	690(271)	1500	820(401)	1600
B					870(451)	
C		1600		1600		2400
D		1800		1800	970(551)	3200

CHANGE : PROC ALT. ALT(3.0° APCH Path). MINIMA. THR elev. AD elev.