AD 2 AERODROMES

RJKN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJKN - TOKUNOSHIMA

RJKN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*275011N/1285253E* 006° /1.0km FM RWY 01 THR
2	Direction and distance from (city)	1km W of ASAMA
3	Elevation/ Reference temperature	8ft / 32°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	5°W(2006) / -
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	KAGOSHIMA PREF. PUBLIC AP. 1-1, Asama, Amagi-cho, Oshima-gun, Kagoshima Pref. 891-8605 JAPAN Tel:0997-85-2238 Fax:0997-85-4054
7	Types of traffic permitted(IFR/ VFR)	IFR/VFR
8	Remarks	Nil

RJKN AD 2.3 OPERATIONAL HOURS

1	AD Administration	2330 - 1030
2	Customs and immigration	On request Customs: 099-260-3125 Immigration: 099-222-5658
3	Health and sanitation	Quarantine(human): On request(099-222-8670) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (FUKUOKA)
7	ATS	2330 - 1030 Remarks: Airport Remote Mobile Communication Service provided by Kagoshima FSC.
8	Fuelling	2330 - 1030
9	Handling	2330 - 1030
10	Security	2330 - 1030
11	De-icing	Nil
12	Remarks	Nil

RJKN AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	JET A-1
3	Fuelling facilities/ capacity	Fuelling facilities : Fuel truck, Capacity : 24kl / h
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJKN AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city
2	Restaurants	Available, not continuous
3	Transportation	Buses, taxies
4	Medical facilities	In the city
5	Bank and Post Office	In the city
6	Tourist Office	Not available
7	Remarks	Nil

RJKN 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

RJKN AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RJKN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Apron Surface : Cement-concrete, Strength : PCN 52/R/B/X/T Apron(for light ACFT) Surface : Asphalt-concrete, Strength : PCN 12/F/C/Y/T
2	Taxiway width, surface and strength	T1, T2, P1 Width : 23m, Surface : Aspahlt-concrete, Strength : PCN 52/F/C/X/T T3, P2 Width : 18m, Surface : Aspahlt-concrete, Strength : PCN 12/F/C/Y/T
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

RJKN 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:01/19 (Marking)RWY designation, RWY CL, RWY THR, RWY side stripe (LGT)RCLL, REDL, RTHL, RENL TWY: (Marking) TWY CL, RWY HLDG PSN (T1-T3), TWY side stripe, (LGT) TWY edge LGT, TWY CL LGT (T1, T2, P1)
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

RJKN AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

RJKN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	FUKUOKA
2	Hours of service MET Office outside hours	H24 (FUKUOKA)
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 FUKUOKA
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

RJKN 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
01	006.12°	2000×45	PCN 52/F/C/X/T Asphalt-Concrete	Nil	THR ELEV : 17ft
19	186.12°	2000×45	PCN 52/F/C/X/T Asphalt-Concrete	Nil	THR ELEV : 14ft

Slope of RWY	Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks
7	10	11	14
See AD2.24 AD chart	2120x150 2120x150	45x150 44x150	RWY Grooving: 2000mx30m

RJKN AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01	2000	2000	2000	2000	Nil
19	2000	2000	2000	2000	Nil

RJKN 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
01	Nil	Green -	PAPI 3.0°/Left 417m 61ft	Nil	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil(*2)
19	SALS (*1) 420m LIH	Green -	PAPI 3.0°/LEFT 397m 61ft	NIL	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (white/Yellow) LIH	Red	Nil(*2)
Remarks								
10								
SALS with RAI(LEN:480m)(*1) Overrun area edge LGT(LEN:60m Color:Red)(*2) RWY THR ID LGT for RWY 01 THR(Color:White)								

RJKN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: *275003N/1285301E*, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI : Nil Anemometer : RWY 01 : 90m FM RWY 01 THR, LGTD RWY 19 : 260m FM RWY 19 THR, LGTD
3	TWY edge and centerline lighting	TWY edge LGT : Blue TWY CL LGT : ALTN Green/Yellow FM RWY leaving report point, other Green.
4	Secondary power supply/ switch-over time	Within 15 sec : SALS, PAPI, RAI, ABN, REDL, RENL, RTHL, RCLL, Overrun area edge LGT, TWY CL LGT, TWY edge LGT, WDI LGT, RWY THR ID LGT
5	Remarks	Nil

RJKN AD 2.16 HELICOPTER LANDING AREA

Nil

RJKN 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
Tokunoshima Information Zone	Area within a radius of 5nm (9km) of Tokunoshima ARP	3,000 or below	E	TOKUNOSHIMA REMOTE En	

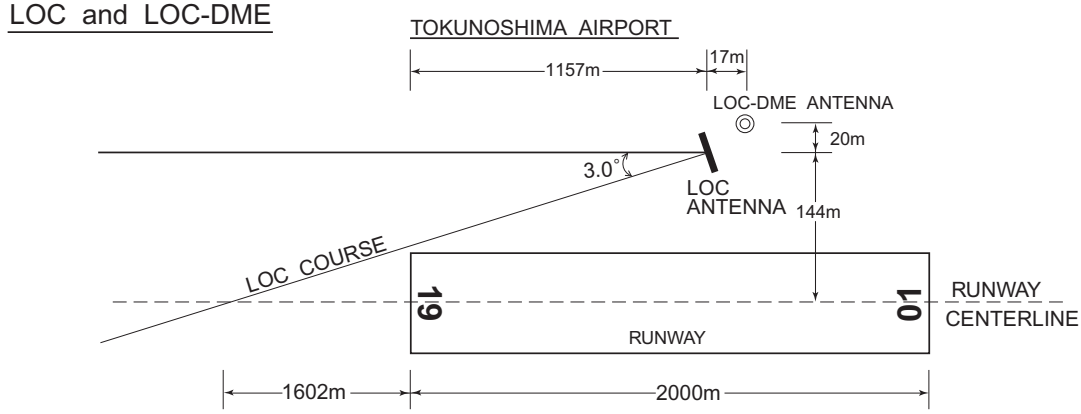
RJKN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
A/G	TOKUNOSHIMA REMOTE	122.7MHz	2330 - 1030	Remote air-ground facility controlled by Kagoshima FSC. Unable contact radial 055°(W-13) beyond 20NM at or BLW 4,000ft.

RJKN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

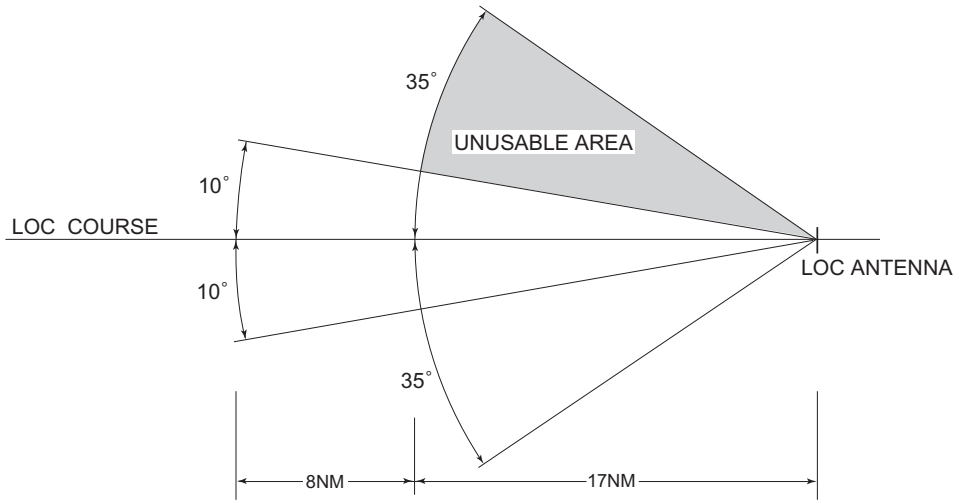
Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (5°W / 2004)	TKE	110.45MHz	H24	*274929.20N/ 1285255.98E*		Unusable : 015°-079° beyond 15nm BLW 4,000ft. 105°-130° beyond 15nm BLW 4,000ft.
DME	TKE	1128MHz (CH-41Y)	H24	*274929.20N/ 1285255.98E*	47.6ft	
LOC 19	ITK	110.1MHz	2330 - 1030	*275005.64N/ 1285257.59E*		LOC : 843m (2756ft) inside FM RWY 01 THR, 144m (472ft) E of RCL, BRG (MAG) 188°. (1)OFFSET angle 3.0° (2) Unusable: beyond 10°east(90Hz) side of course.
LOC-DME 19	ITK	999MHz (CH-38X)	2330 - 1030	*275005.01N/ 1285258.17E*	25ft	DME : 826m (2710ft) inside FM RWY 01 THR, 164m (538ft) E of RCL.

LOC and LOC-DME



REMARKS : 1. LOC OFF SET ANGLE 3.0°
2. LOC beam BRG(MAG) 188°
3. ELEV of LOC-DME 7.7m(25ft)

LOC UNUSABLE : BEYOND 10DEGREES EAST(90Hz) SIDE OF COURSE.



RJKN 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

RJKN AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJKN AD 2.22 FLIGHT PROCEDURES

TAKE OFF MINIMA

	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	01	A,B,C,D	-	400m	-	400m	-	500m
	19	A,B,C,D	-	400m	-	400m	-	500m
OTHER	01	A,B,C,D	AVBL LDG MINIMA					
	19							

RJKN AD 2.23 ADDITIONAL INFORMATION

Nil

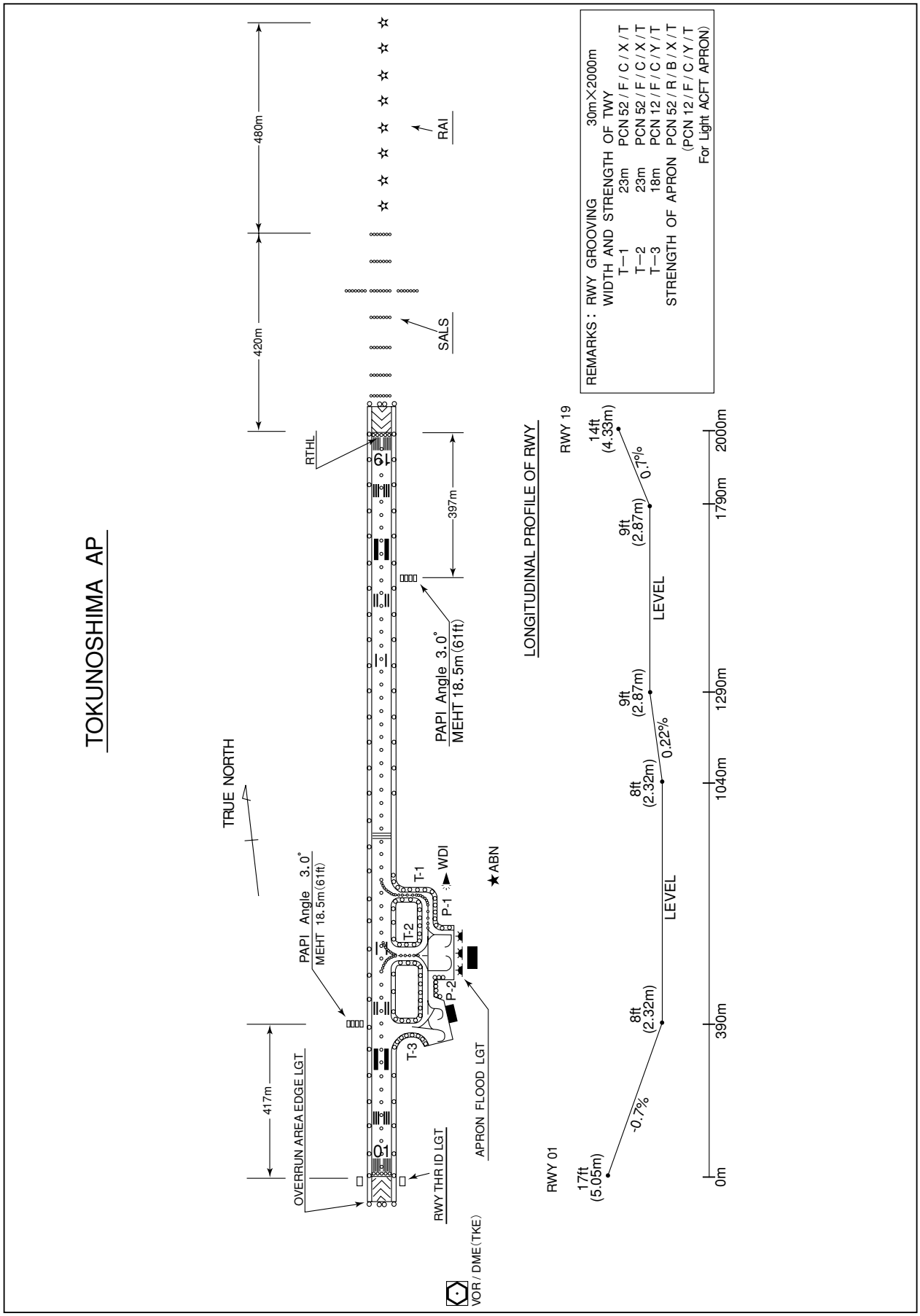
RJKN AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument (TOKUNOSHIMA)
Standard Departure Chart - Instrument (ANOXA-RNAV)
Standard Departure Chart - Instrument (YUWAN-RNAV)
Standard Arrival Chart - Instrument (SHODA-RNAV, ISENN-RNAV)

Standard Arrival Chart - Instrument (TOROS NORTH,TOROS EAST-RNAV)
Instrument Approach Chart (LOC Z RWY 19)
Instrument Approach Chart (LOC Y RWY 19)
Instrument Approach Chart (VOR RWY 01)
Instrument Approach Chart (RNAV(GNSS)RWY 01)
Other Chart (Visual REP)
Other Chart (MVA CHART)

INTENTIONALLY LEFT BLANK

RJKN / TOKUNOSHIMA AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA SID and TRANSITION

TOKUNOSHIMA FOUR DEPARTURE

RWY01 : Climb via TKE R358 to 5.0DME, turn left,...
RWY19 : Climb RWY HDG to 700FT, turn right,...
...direct to TKE VOR/DME.
Cross TKE VOR/DME at or above 3000FT.

Note RWY01 : 4.9% climb gradient required up to 1600FT.
OBST ALT 427FT located at 1.4NM 028˚ FM end of RWY01.
Note RWY19 : No turn before DER.

KUNIG TRANSITION

From over TKE VOR/DME, via TKE R207 to KUNIG or ONC VORTAC.
Cross KUNIG or ONC VORTAC at assigned altitude.

MEKAX TRANSITION

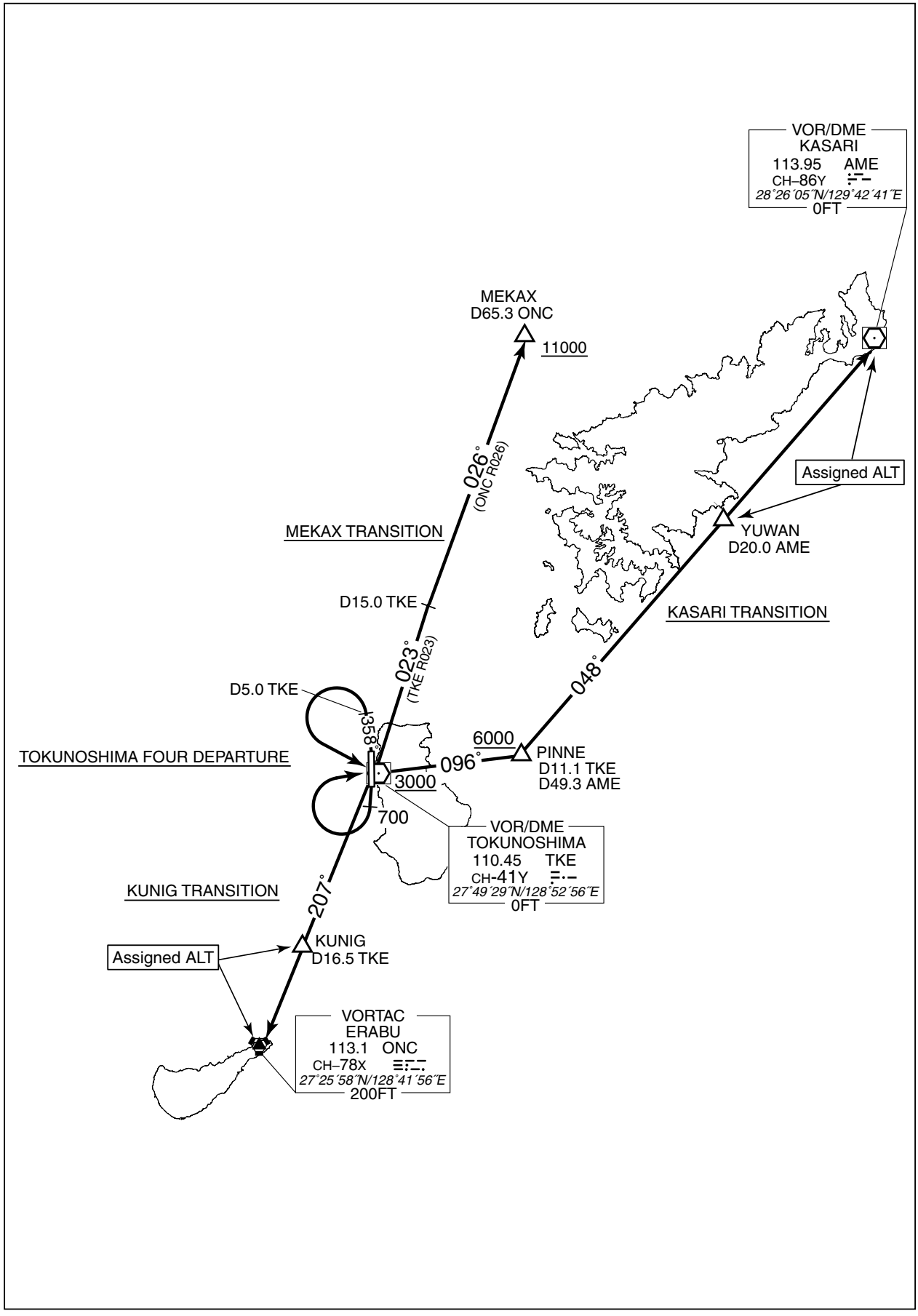
From over TKE VOR/DME, via TKE R023 to 15.0DME, via ONC R026 to MEKAX.
Cross MEKAX at or above 11000FT.

KASARI TRANSITION

From over TKE VOR/DME, via TKE R096 to PINNE, via AME R228 to YUWAN or AME VOR/DME.
Cross PINNE at or above 6000FT, cross YUWAN or AME VOR/DME at assigned altitude.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA SID and TRANSITION

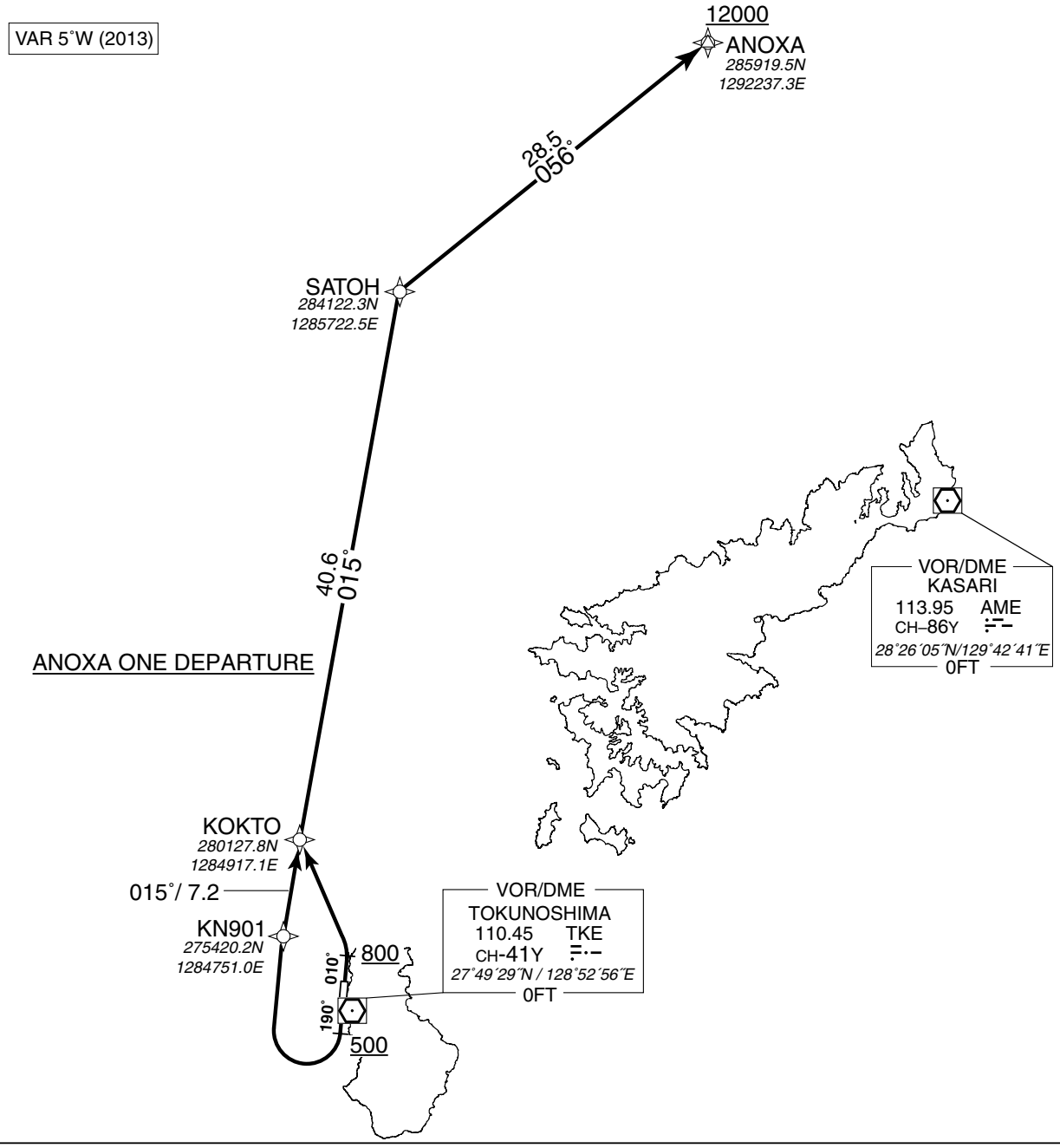


STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA RNAV SID

ANOXA ONE DEPARTURE	Basic RNP1

Note GNSS required.



ANOXA ONE DEPARTURE

RWY01 : Climb on HDG010˚ at or above 800FT, turn left direct to KOKTO, to SATOH, to ANOXA at or above 12000FT.

RWY19 : Climb on HDG190˚ at or above 500FT, turn right direct to KN901, to KOKTO, to SATOH, to ANOXA at or above 12000FT.

Note RWY01 : 6.1% climb gradient required up to 800FT.
OBST ALT 460FT located at 1.4NM 028˚ FM end of RWY01.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA RNAV SID

ANOXA ONE DEPARTURE

RWY01

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	—	—	010 (005.1)	-5.2	—	—	+800	—	—	Basic RNP1
002	DF	KOKTO	—	—	-5.2	—	L	—	—	—	Basic RNP1
003	TF	SATOH	—	015 (010.1)	-5.2	40.6	—	—	—	—	Basic RNP1
004	TF	ANOXA	—	056 (050.8)	-5.2	28.5	—	+12000	—	—	Basic RNP1

RWY19

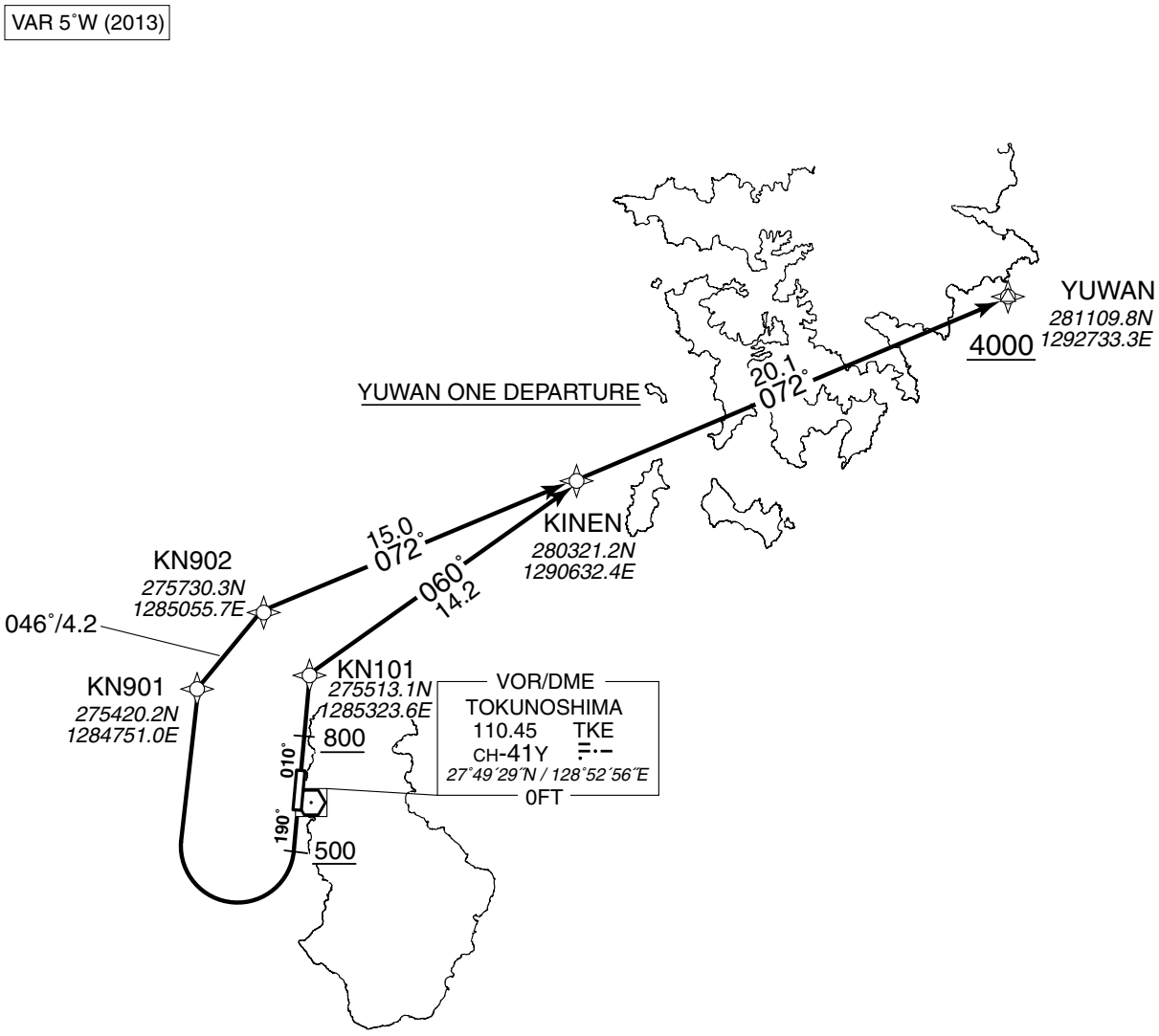
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	190 (185.1)	-5.2	—	—	+500	—	—	Basic RNP1
002	DF	KN901	—	—	-5.2	—	R	—	—	—	Basic RNP1
003	TF	KOKTO	—	015 (010.1)	-5.2	7.2	—	—	—	—	Basic RNP1
004	TF	SATOH	—	015 (010.1)	-5.2	40.6	—	—	—	—	Basic RNP1
005	TF	ANOXA	—	056 (050.8)	-5.2	28.5	—	+12000	—	—	Basic RNP1

STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA RNAV SID

YUWAN ONE DEPARTURE	Basic RNP1

Note GNSS required.



YUWAN ONE DEPARTURE

RWY01 : Climb on HDG 010˚ at or above 800FT, direct to KN101, to KINEN, to YUWAN at or above 4000FT.

RWY19 : Climb on HDG 190˚ at or above 500FT, turn right direct to KN901, to KN902, to KINEN, to YUWAN at or above 4000FT.

Note RWY01 : 6.1% climb gradient required up to 800FT.
OBST ALT 460FT located at 1.4NM 028˚ FM end of RWY01.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA RNAV SID

YUWAN ONE DEPARTURE

RWY01

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	—	—	010 (005.1)	-5.2	—	—	+800	—	—	Basic RNP1
002	DF	KN101	—	—	-5.2	—	—	—	—	—	Basic RNP1
003	TF	KINEN	—	060 (054.9)	-5.2	14.2	—	—	—	—	Basic RNP1
004	TF	YUWAN	—	072 (067.1)	-5.2	20.1	—	+4000	—	—	Basic RNP1

RWY19

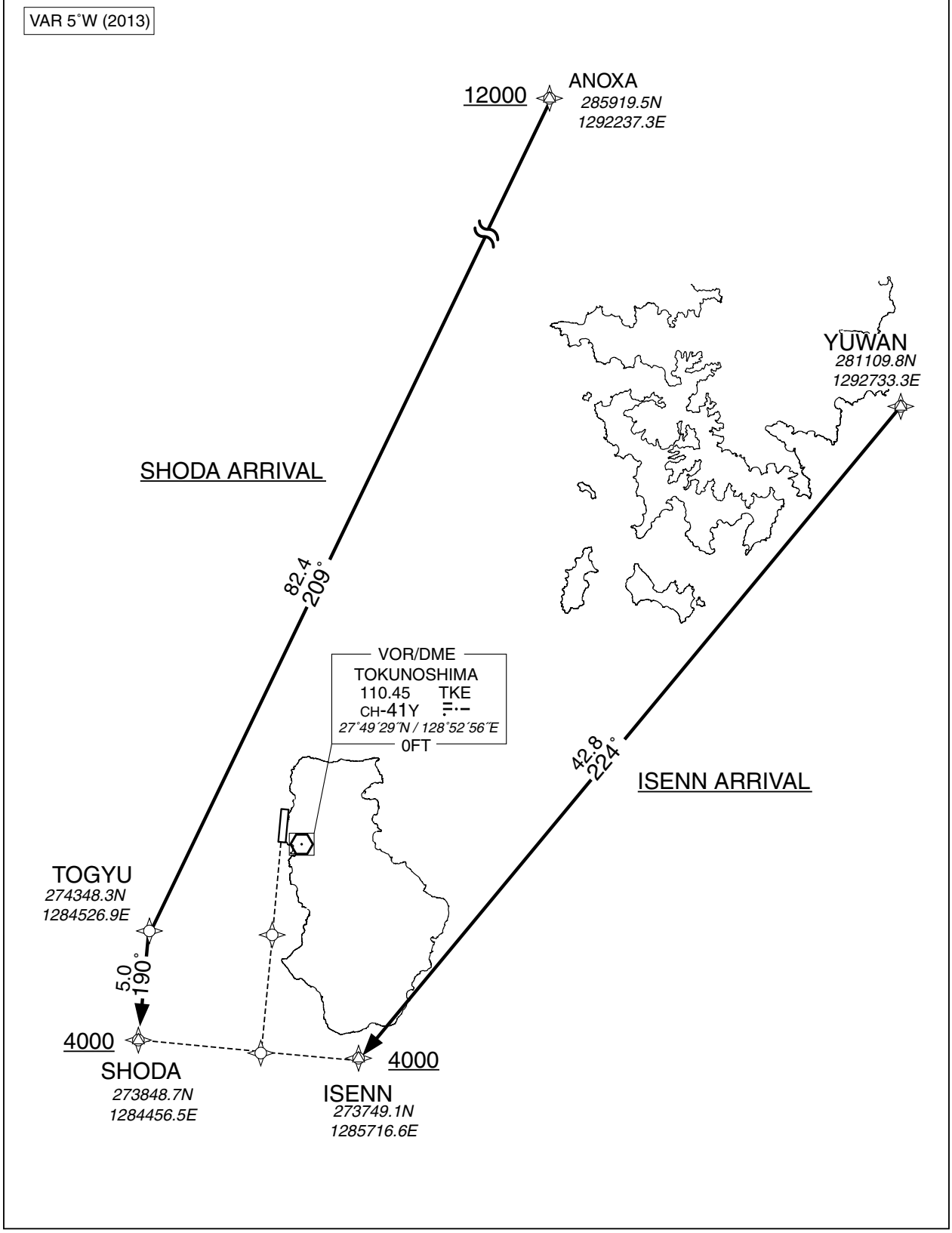
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	190 (185.1)	-5.2	—	—	+500	—	—	Basic RNP1
002	DF	KN901	—	—	-5.2	—	R	—	—	—	Basic RNP1
003	TF	KN902	—	046 (040.6)	-5.2	4.2	—	—	—	—	Basic RNP1
004	TF	KINEN	—	072 (066.9)	-5.2	15.0	—	—	—	—	Basic RNP1
005	TF	YUWAN	—	072 (067.1)	-5.2	20.1	—	+4000	—	—	Basic RNP1

STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA RNAV STAR RWY01

SHODA ARRIVAL ISENN ARRIVAL	Basic RNP1

Note GNSS required.



STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA RNAV STAR RWY01

SHODA ARRIVAL

From ANOXA at or above 12000FT, to TOGYU, to SHODA at or above 4000FT.

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	ANOXA	—	—	-5.2	—	—	+12000	—	—	Basic RNP1
002	TF	TOGYU	—	209 (203.6)	-5.2	82.4	—	—	—	—	Basic RNP1
003	TF	SHODA	—	190 (185.1)	-5.2	5.0	—	+4000	—	—	Basic RNP1

ISENN ARRIVAL

From YUWAN, to ISENN at or above 4000FT.

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	YUWAN	—	—	-5.2	—	—	—	—	—	Basic RNP1
002	TF	ISENN	—	224 (218.9)	-5.2	42.8	—	+4000	—	—	Basic RNP1

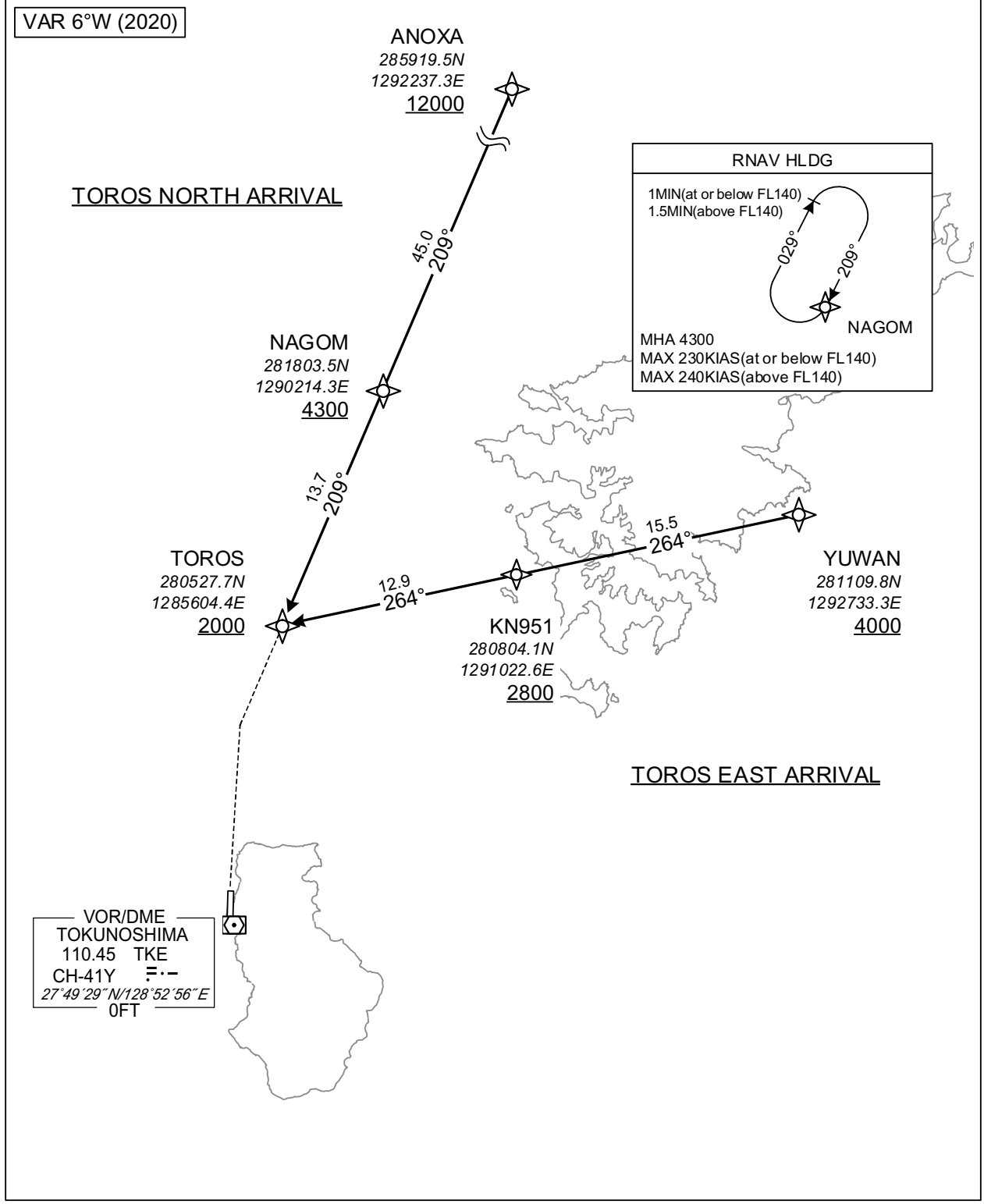
STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA

RNAV STAR RWY19

TOROS NORTH ARRIVAL TOROS EAST ARRIVAL	Basic RNP1

Note GNSS required.



STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA RNAV STAR RWY19

TOROS NORTH ARRIVAL

From ANOXA at or above 12000FT, to NAGOM at or above 4300FT, to TOROS at or above 2000FT.

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	ANOXA	-	-	-6.0	-	-	+12000	-	-	Basic RNP1
002	TF	NAGOM	-	209 (203.5)	-6.0	45.0	-	+4300	-	-	Basic RNP1
003	TF	TOROS	-	209 (203.4)	-6.0	13.7	-	+2000	-	-	Basic RNP1

TOROS EAST ARRIVAL

From YUWAN at or above 4000FT, to KN951 at or above 2800FT, to TOROS at or above 2000FT.

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	YUWAN	-	-	-6.0	-	-	+4000	-	-	Basic RNP1
002	TF	KN951	-	264 (258.5)	-6.0	15.5	-	+2800	-	-	Basic RNP1
003	TF	TOROS	-	264 (258.4)	-6.0	12.9	-	+2000	-	-	Basic RNP1

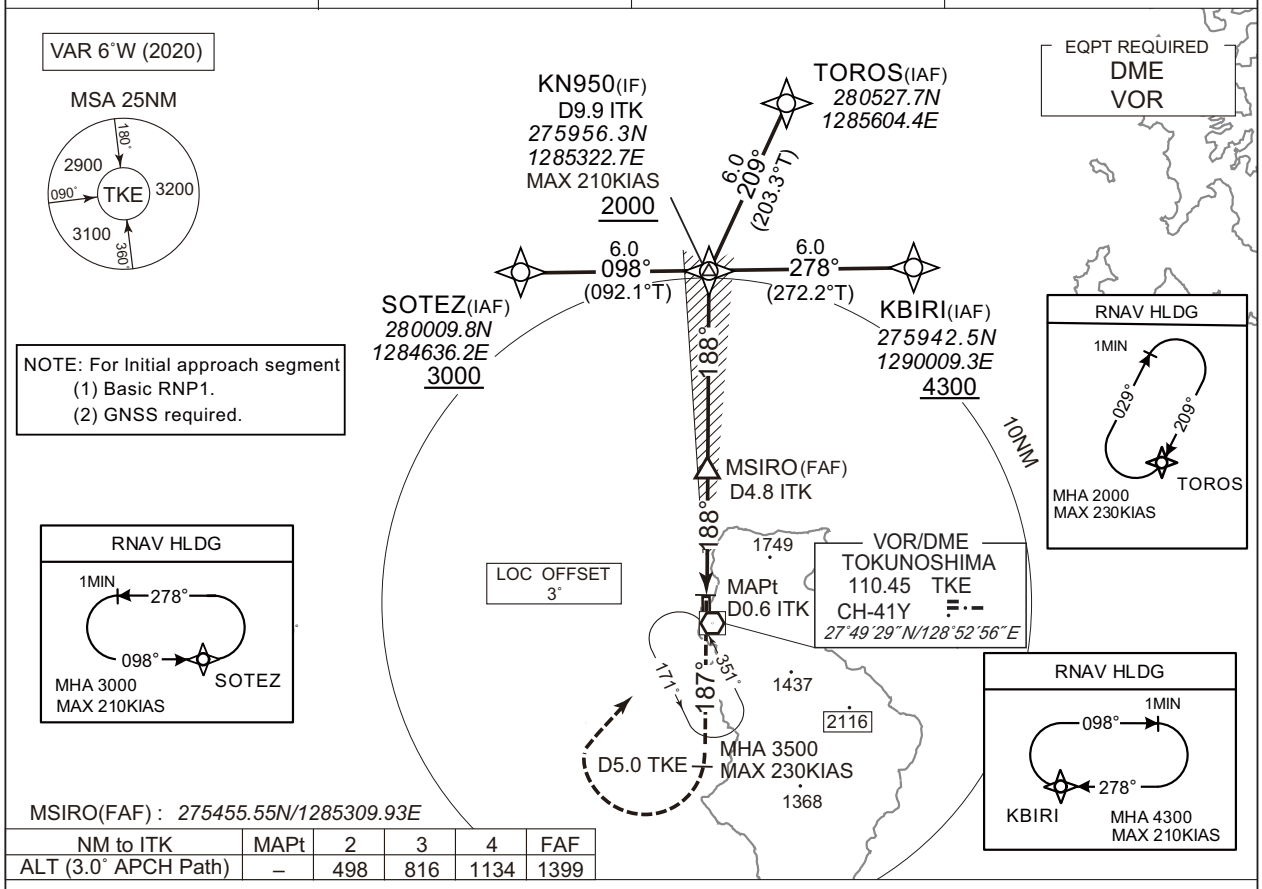
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	NAGOM	209 (203.4)	-6.0	1.0(-14000) 1.5(+14001)	R	4300	—	-230(-14000) -240(+14001)	Basic RNP1

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJKN / TOKUNOSHIMA — LOC Z RWY19

KOBE CONTROL	LOC	TOKUNOSHIMA REMOTE	NO RADAR
132.3 - 255.2	110.1 ITK LOC – DME CH-38X	122.7	



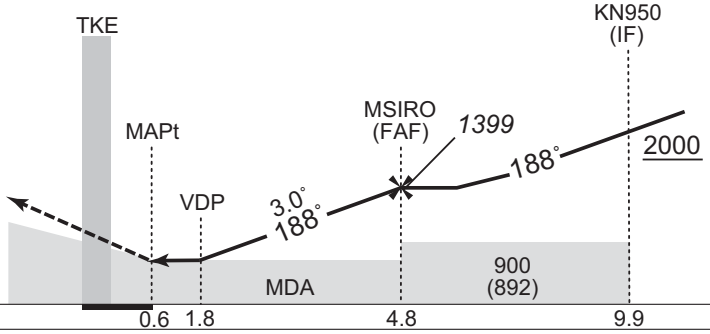
MSIRO(FAF) : *275455.55N/1285309.93E*

NM to ITK	MAPt	2	3	4	FAF
ALT (3.0° APCH Path)	–	498	816	1134	1399

MISSED APPROACH

Climb via TKE R187 to 5.0DME,
turn right, direct to TKE VOR/DME
and hold at 3500FT.
Contact TOKUNOSHIMA REMOTE.

Timing not authorized for defining the MAPt.



DME to ITK		0.6	1.8	4.8	9.9
NM to THR		0	1.2	4.2	9.2

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 14 AD elev. 8

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	430 (422)	900	730 (722)	1600
B		1000	990 (982)	
C			1190 (1182)	2400
D		1400	1480 (1472)	3200

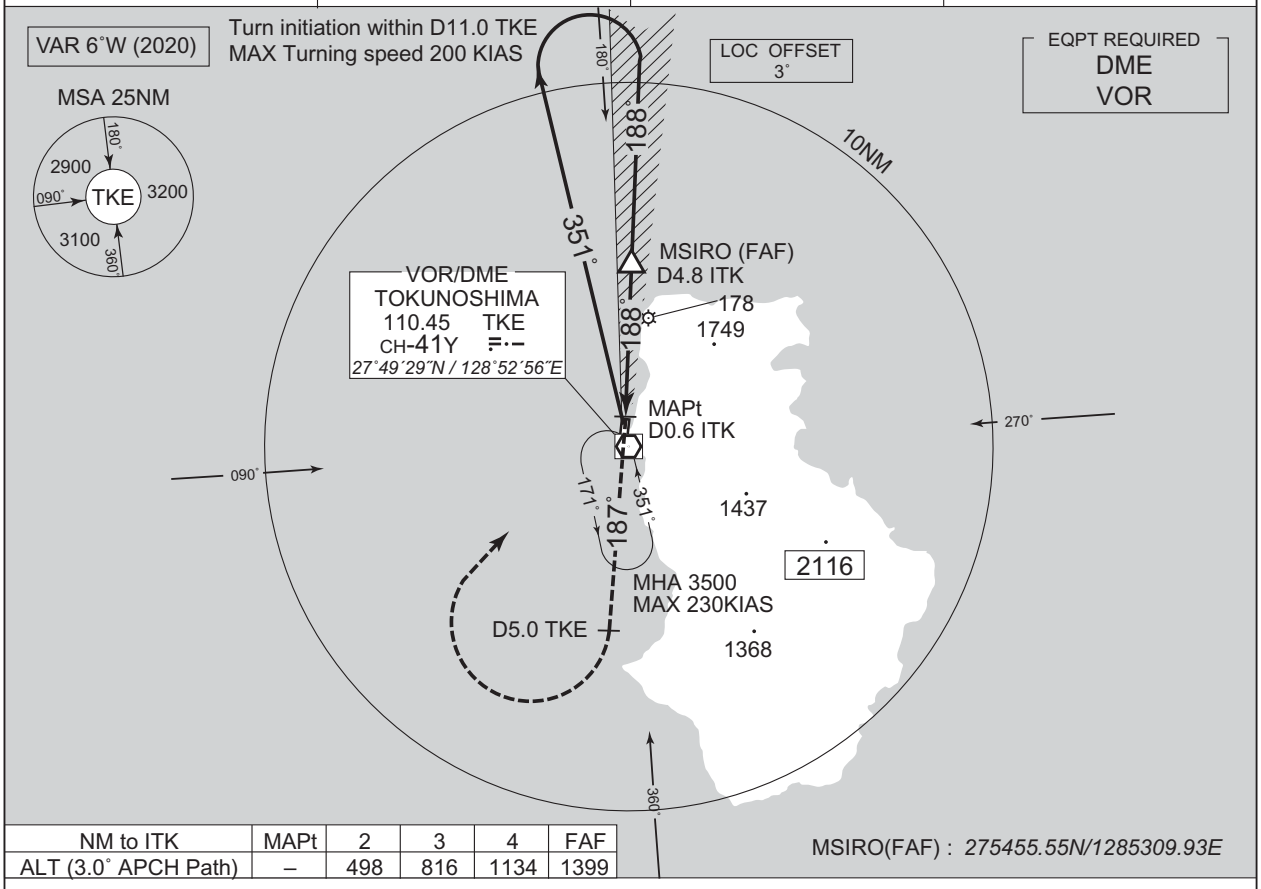
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

CHANGE : Editorial(Map).

INSTRUMENT APPROACH CHART

RJKN / TOKUNOSHIMA — LOC Y RWY19

KOBE CONTROL	LOC	TOKUNOSHIMA REMOTE	NO RADAR
132.3 - 255.2	110.1 ITK LOC – DME CH-38X	122.7	



NM to ITK	MAPt	2	3	4	FAF
ALT (3.0° APCH Path)	–	498	816	1134	1399

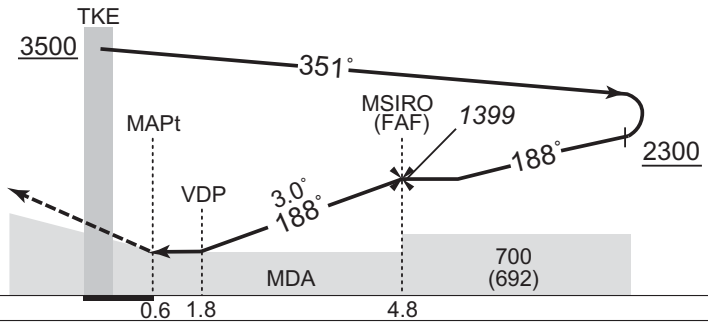
MSIRO(FAF) : *275455.55N/1285309.93E*

Turn initiation within D11.0 TKE

MISSED APPROACH

Climb via TKE R187 to 5.0DME,
turn right, direct to TKE VOR/DME
and hold at 3500FT.
Contact TOKUNOSHIMA REMOTE.

Timing not authorized for defining the MAPt.



DME to ITK	0.6	1.8	4.8
NM to THR	0	1.2	4.2

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 14 AD elev. 8

CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	430 (422)	900	730 (722)	1600
B		1000	990 (982)	
C			1190 (1182)	2400
D		1400	1480 (1472)	3200

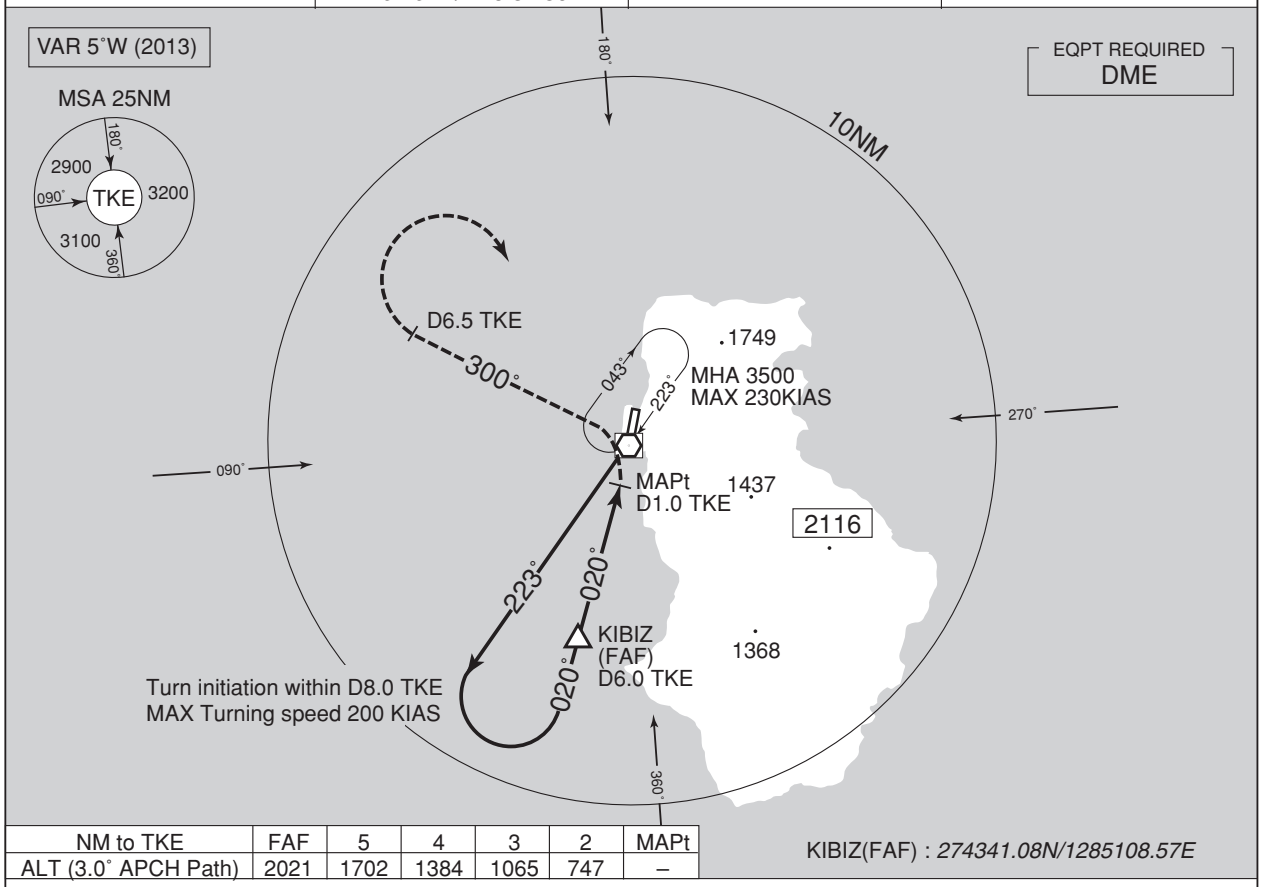
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

CHANGE : VAR. FAF(YONAM → MSIRO).

INSTRUMENT APPROACH CHART

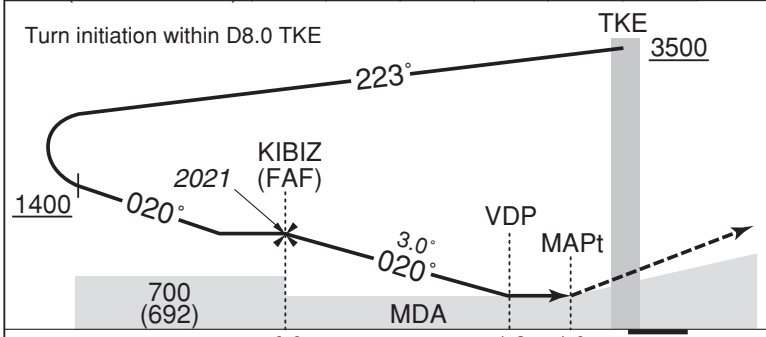
RJKN / TOKUNOSHIMA VOR RWY01

KOBE CONTROL	TOKUNOSHIMA VOR/DME	TOKUNOSHIMA REMOTE	NO RADAR
132.3 - 255.2	110.45 TKE CH-41Y *27°49′29″N / 128°52′56″E*	122.7	



NM to TKE	FAF	5	4	3	2	MAPt
ALT (3.0° APCH Path)	2021	1702	1384	1065	747	–

KIBIZ(FAF) : *274341.08N/1285108.57E*



MISSED APPROACH

Turn left, climb via TKE R300 to 6.5DME, turn right, direct to TKE VOR/DME and hold at 3500FT. Contact TOKUNOSHIMA REMOTE.

No turn before MAPt.
Timing not authorized for defining the MAPt.

6.0	1.2	1.0	DME to TKE
6.2	1.4	1.1	NM to THR

Missed APCH climb gradient MNM 4.0%

MINIMA	THR elev. 17		AD elev. 8	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	490 (482)	1500	730 (722)	1600
B			990 (982)	
C		2000	1190 (1182)	2400
D			1480 (1472)	3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

CHANGE : COM

INSTRUMENT APPROACH CHART

RJKN / TOKUNOSHIMA — RNAV(GNSS) RWY01

KOBE CONTROL		TOKUNOSHIMA REMOTE	
132.3 - 255.2	1. DME/DME RNP0.3 not authorized. 2. RNP 0.3 required. 3. GNSS required.	122 . 7	NO RADAR

Baro-VNAV not authorized below 0˚C

VAR 5˚W (2013)

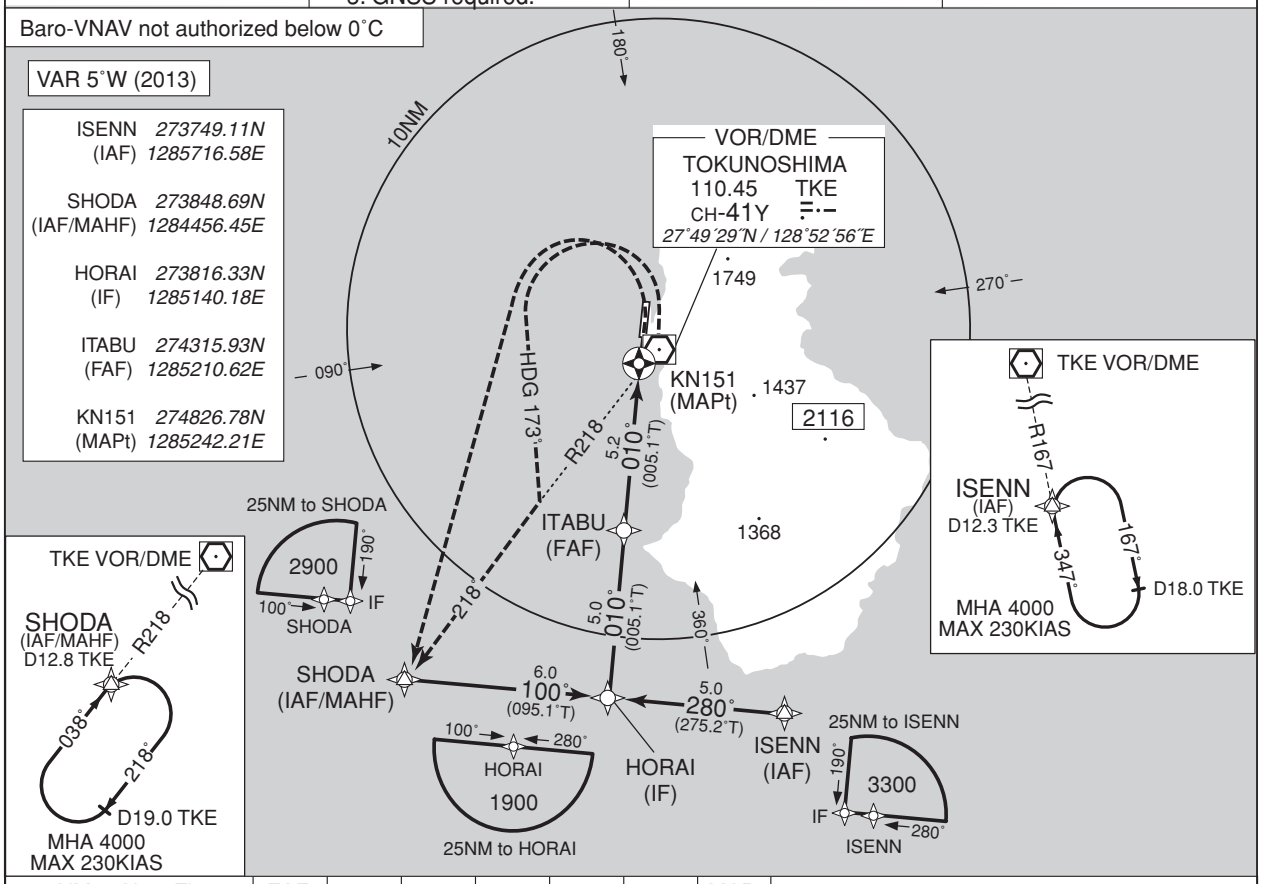
ISENN *273749.11N* (IAF) *1285716.58E*

SHODA *273848.69N* (IAF/MAHF) *1284456.45E*

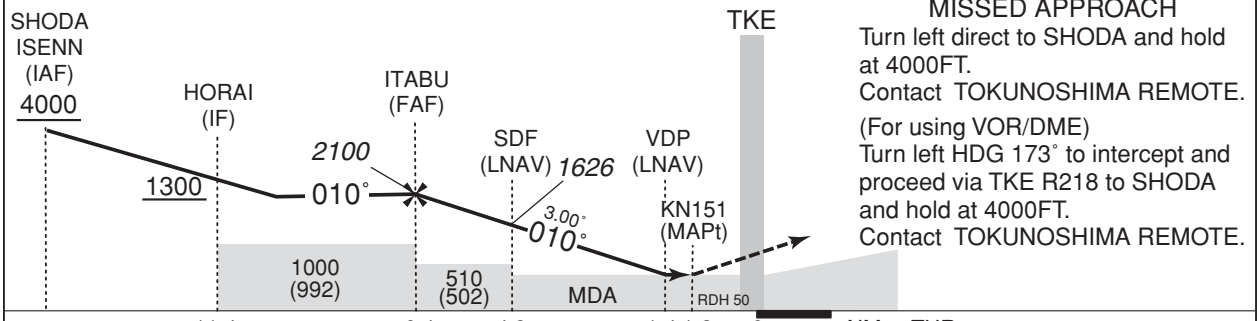
HORAI *273816.33N* (IF) *1285140.18E*

ITABU *274315.93N* (FAF) *1285210.62E*

KN151 *274826.78N* (MAPt) *1285242.21E*



NM to Next Fix	FAF	5	4	3	2	1	MAPt
ALT (3.0˚ APCH Path)	2100	2040	1722	1403	1085	766	–



MISSED APPROACH
Turn left direct to SHODA and hold at 4000FT.
Contact TOKUNOSHIMA REMOTE.
(For using VOR/DME)
Turn left HDG 173˚ to intercept and proceed via TKE R218 to SHODA and hold at 4000FT.
Contact TOKUNOSHIMA REMOTE.

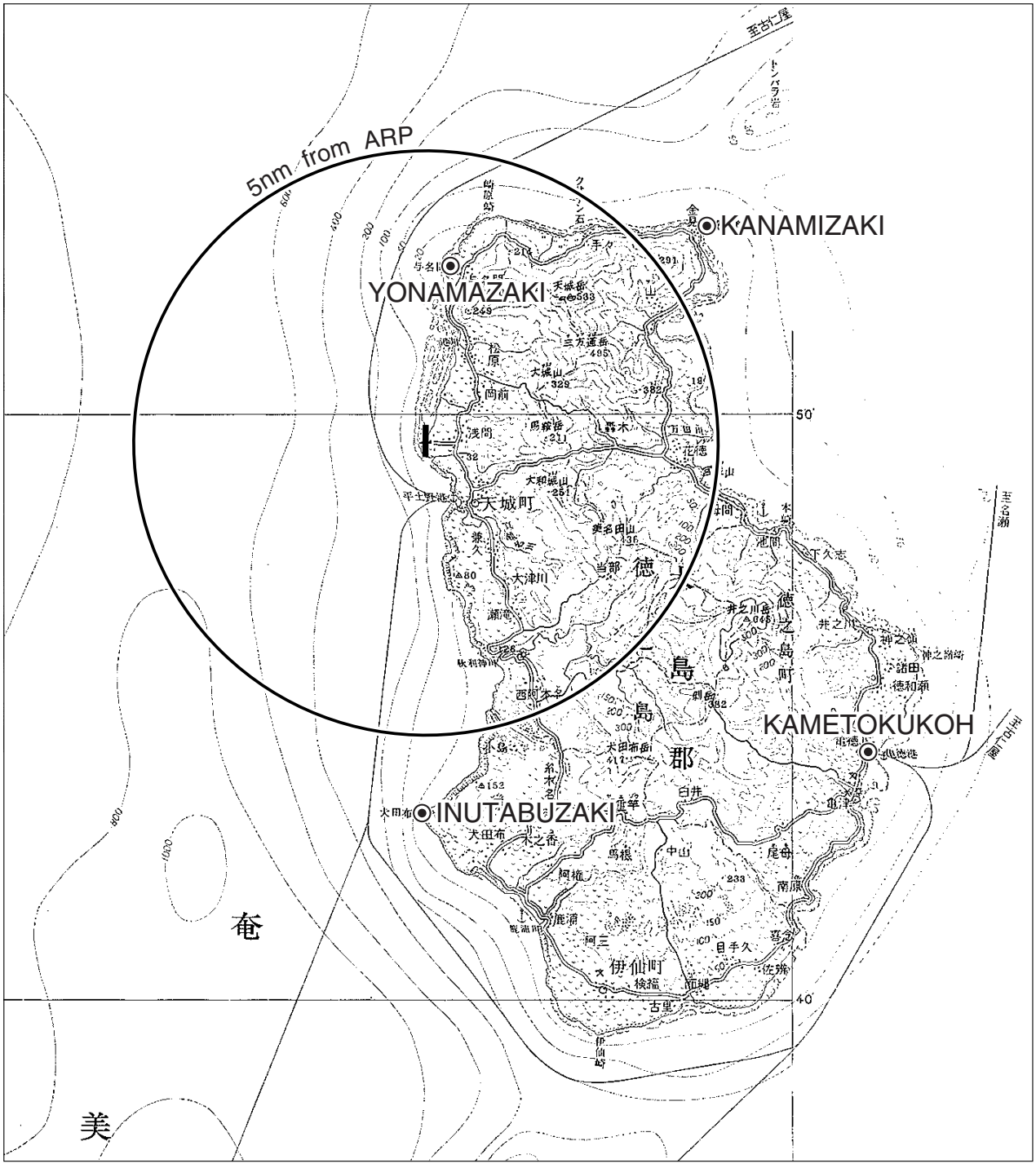
Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev. 17		AD elev. 8			
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	490 (473)	1500	490 (482)	1500	730 (722)	1600
B					990 (982)	
C		2000		2000	1190 (1182)	2400
D					1480 (1472)	3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

CHANGE : COM

RJKN / TOKUNOSHIMA Visual REP



Call sign	BRG / DIST from ARP	Remarks
与名間崎 Yonamazaki	013˚/3.0NM	灯台 Lighthouse
金見崎 Kanamizaki	057˚/6.0NM	灯台 Lighthouse
亀徳港 Kametokukoh	129˚/9.3NM	漁港 Harbor
犬田布崎 Inutabuzaki	184˚/6.4NM	白い大きな慰霊碑 Big white monument

RJKN / TOKUNOSHIMA Minimum Vectoring Altitude CHART