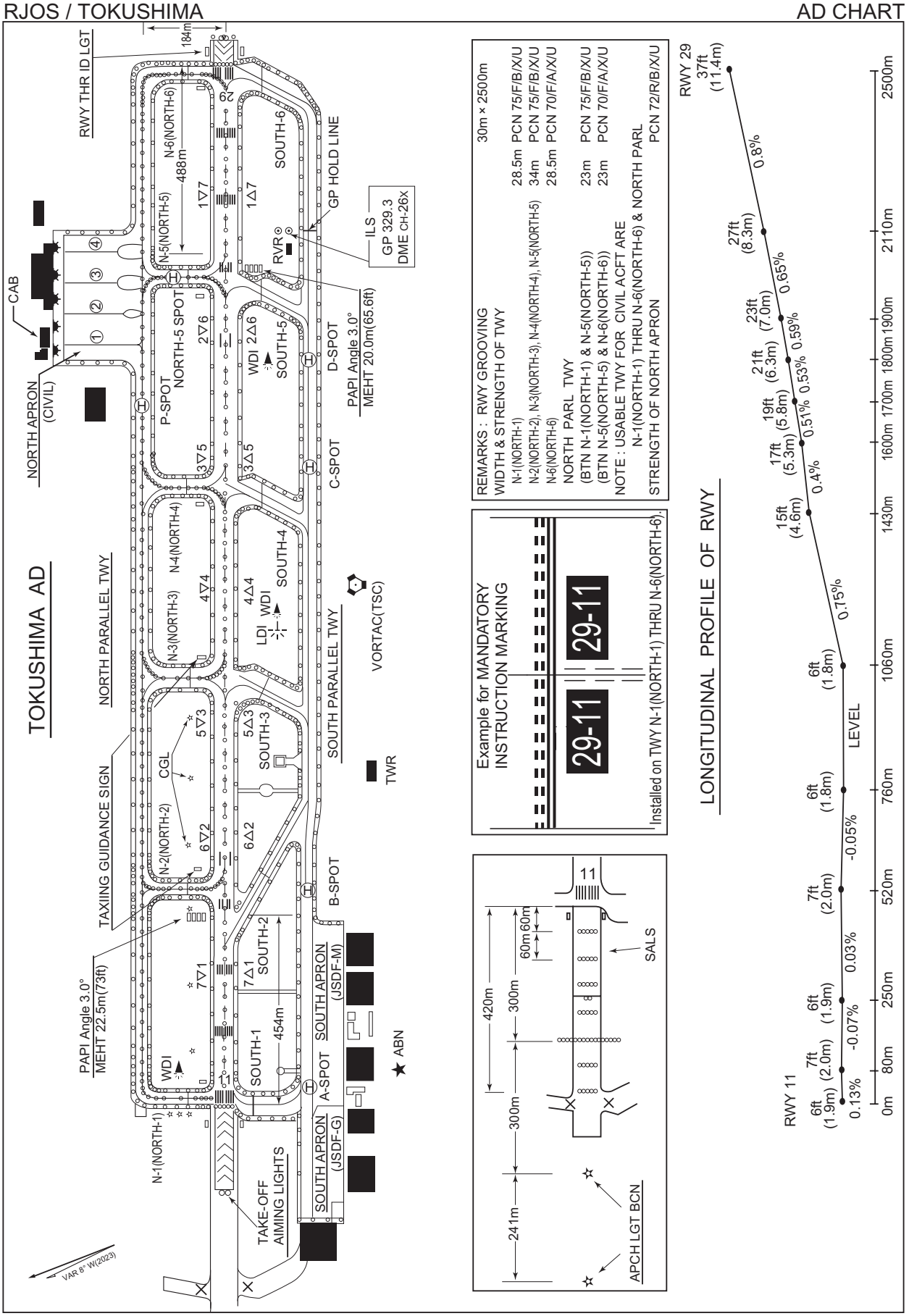
RJOS / TOKUSHIMA AD CHART

CHANGE : VAR added.



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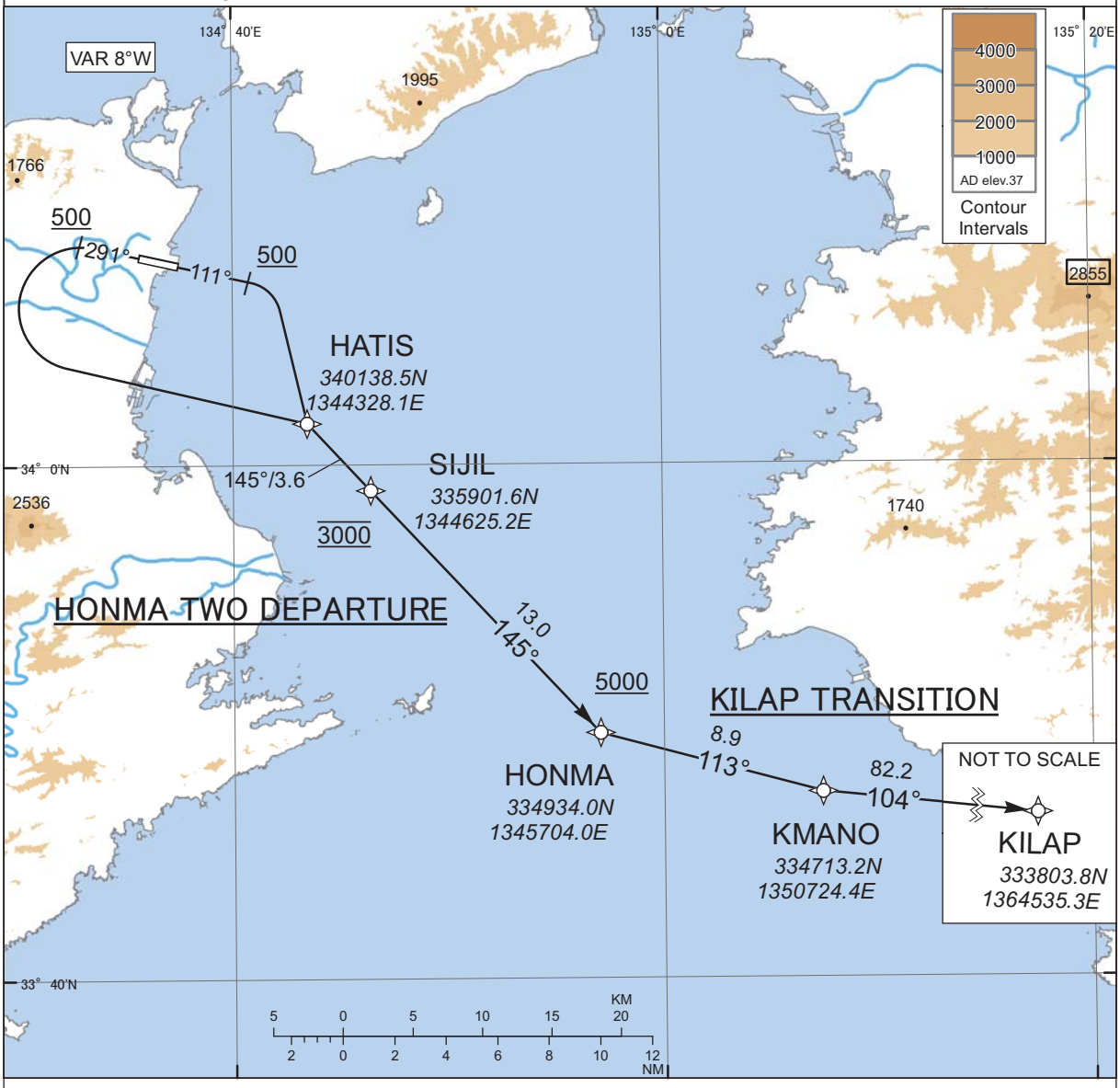
STANDARD DEPARTURE CHART-INSTRUMENT

RJOS / TOKUSHIMA — RNAV SID and TRANSITION

HONMA TWO DEPARTURE / KILAP TRANSITION	RNP1

Note GNSS required.



HONMA TWO DEPARTURE

RWY11 : Climb on HDG111° at or above 500FT, turn right direct to HATIS, to SIJIL at 3000FT, to HONMA at or above 5000FT.
RWY29 : Climb on HDG291° at or above 500FT, turn left direct to HATIS, to SIJIL at 3000FT, to HONMA at or above 5000FT.

Note RWY29 : 5.0% climb gradient required up to 1200FT.
OBST ALT 1115FT located at 4.9NM 224° FM end of RWY29.

KILAP TRANSITION

From HONMA at or above 5000FT, to KMANO, to KILAP.

CHANGE : PROC course. PROC renamed(HONMA TWO DEPARTURE). Note. Navigation Specification(RNAV1 → RNP1). TOKUSHIMA VORTAC,GOBOH DME,NANKI VOR/DME deleted.

STANDARD DEPARTURE CHART-INSTRUMENT

RJOS / TOKUSHIMA RNAV SID and TRANSITION

CHANGE : PROC course. PROC renamed(HONMA TWO DEPARTURE). Navigation Specification(RNAV1 → RNP1). VAR.

HONMA TWO DEPARTURE

RWY11

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	-	-	111 (102.6)	-8.0	-	-	+500	-	-	RNP1
002	DF	HATIS	-	-	-8.0	-	R	-	-	-	RNP1
003	TF	SIJIL	-	145 (136.9)	-8.0	3.6	-	3000	-	-	RNP1
004	TF	HONMA	-	145 (136.9)	-8.0	13.0	-	+5000	-	-	RNP1

RWY29

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	-	-	291 (282.6)	-8.0	-	-	+500	-	-	RNP1
002	DF	HATIS	-	-	-8.0	-	L	-	-	-	RNP1
003	TF	SIJIL	-	145 (136.9)	-8.0	3.6	-	3000	-	-	RNP1
004	TF	HONMA	-	145 (136.9)	-8.0	13.0	-	+5000	-	-	RNP1

KILAP TRANSITION

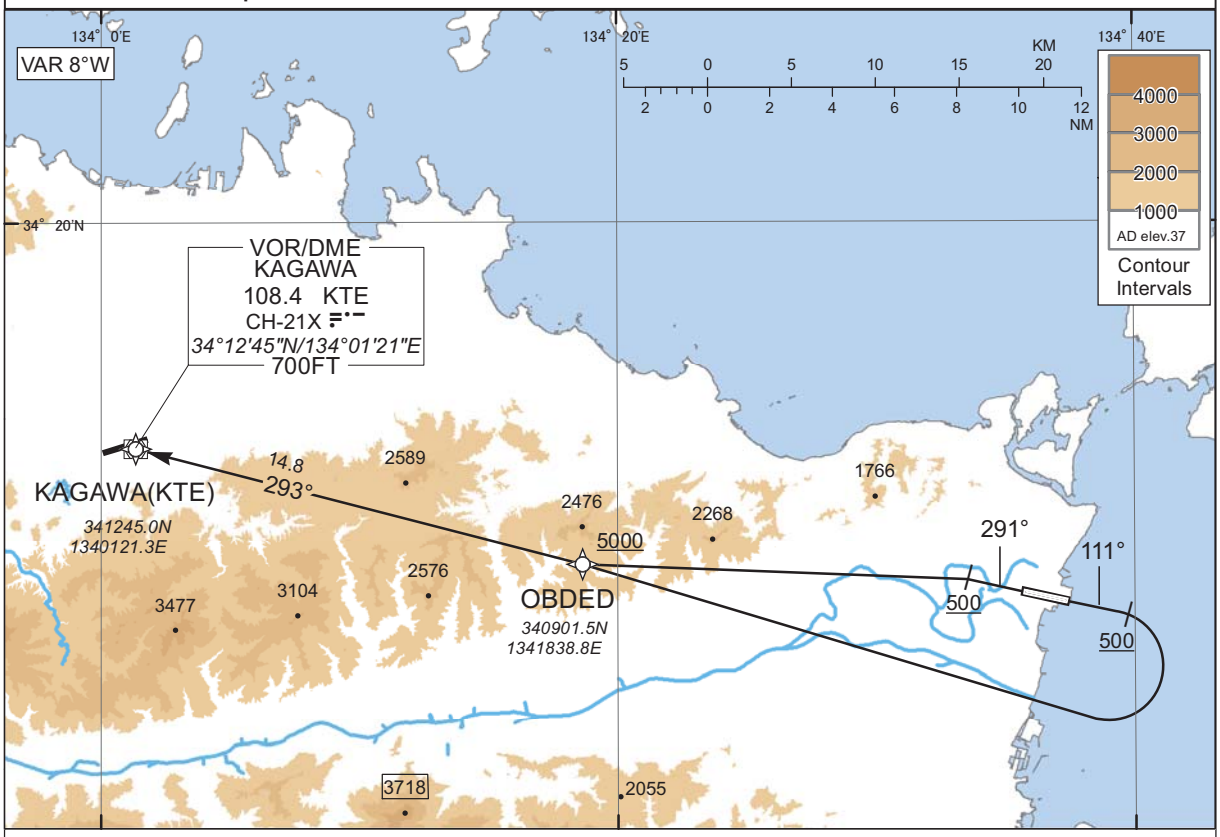
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	HONMA	-	-	-8.0	-	-	+5000	-	-	RNP1
002	TF	KMANO	-	113 (105.2)	-8.0	8.9	-	-	-	-	RNP1
003	TF	KILAP	-	104 (095.9)	-8.0	82.2	-	-	-	-	RNP1

STANDARD DEPARTURE CHART-INSTRUMENT

RJOS / TOKUSHIMA — RNAV SID

KAGAWA ONE DEPARTURE	RNP1

Note GNSS required.



RWY11 : Climb on HDG111° at or above 500FT, turn right direct to OBDED at or above 5000FT, to KTE.
RWY29 : Climb on HDG291° at or above 500FT, direct to OBDED at or above 5000FT, to KTE.

Note RWY11 : 5.0% climb gradient required up to 1700FT.
OBST ALT 2494FT located at 11.5NM 288° FM end of RWY11.
RWY29 : 5.0% climb gradient required up to 2800FT.
OBST ALT 2494FT located at 10.2NM 288° FM end of RWY29.

RWY11

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	-	-	111 (102.6)	-8.0	-	-	+500	-	-	RNP1
002	DF	OBDED	-	-	-8.0	-	R	+5000	-	-	RNP1
003	TF	KTE	-	293 (284.7)	-8.0	14.8	-	-	-	-	RNP1

RWY29

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	-	-	291 (282.6)	-8.0	-	-	+500	-	-	RNP1
002	DF	OBDED	-	-	-8.0	-	-	+5000	-	-	RNP1
003	TF	KTE	-	293 (284.7)	-8.0	14.8	-	-	-	-	RNP1

CHANGE : New PROC.

STANDARD DEPARTURE CHART-INSTRUMENT

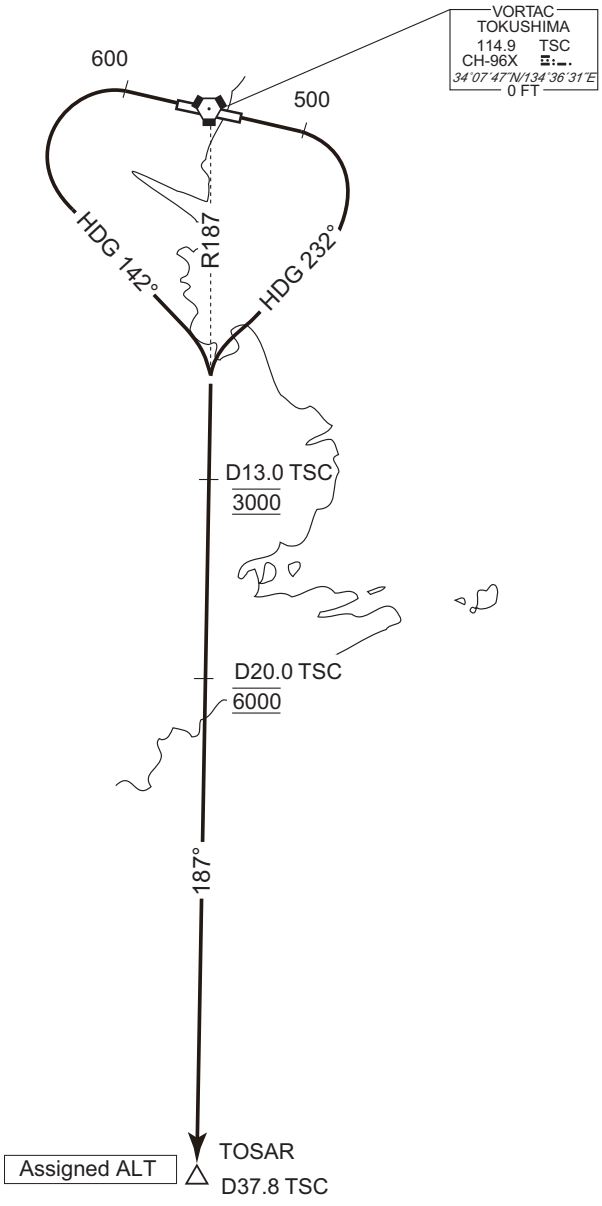
RJOS / TOKUSHIMA SID

TOSAR SIX DEPARTURE

RWY11 : Climb RWY HDG to 500FT, turn right HDG232°...

RWY29 : Climb RWY HDG to 600FT, turn left HDG142°...
...to intercept and proceed via TSC R187 to TOSAR.
Cross TSC R187/13.0DME at 3000FT, cross TSC R187/20.0DME at 6000FT, cross TOSAR at assigned altitude.

NOTE RWY29 : 4.0% climb gradient required up to 800FT.
OBST ALT 1105FT located at 5.0NM 224˚ FM end of RWY29.



CHANGE : PROC course. PROC renamed(TOSAR SIX DEPARTURE). Note.

STANDARD DEPARTURE CHART-INSTRUMENT

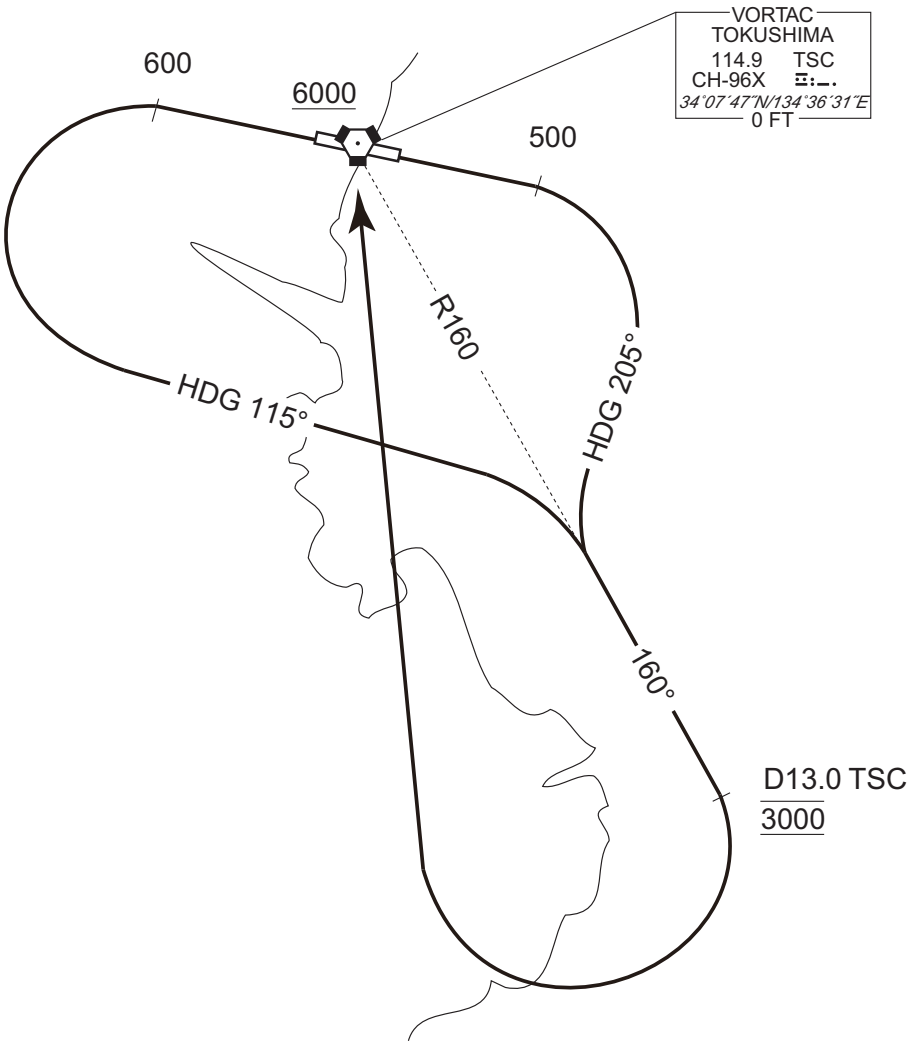
RJOS / TOKUSHIMA SID

TOKUSHIMA REVERSAL SEVEN DEPARTURE

RWY11 : Climb RWY HDG to 500FT, turn right HDG205°...

RWY29 : Climb RWY HDG to 600FT, turn left HDG115°...
...to intercept and proceed via TSC R160 to 13.0DME, turn right, direct to TSC VORTAC.
Cross TSC R160/13.0DME at 3000FT, cross TSC VORTAC at or above 6000FT.

NOTE RWY29 : 4.0% climb gradient required up to 800FT.
OBST ALT 1105FT located at 5.0NM 224˚ FM end of RWY29.



CHANGE : PROC course. PROC renamed(TOKUSHIMA REVERSAL SEVEN DEPARTURE). Note.

STANDARD DEPARTURE CHART -INSTRUMENT

RJOS / TOKUSHIMA SID and TRANSITION

CHANGE : PROC course. PROC renamed(MISAKI THREE DEPARTURE). Note(MISAKI THREE DEPARTURE).

MISAKI THREE DEPARTURE

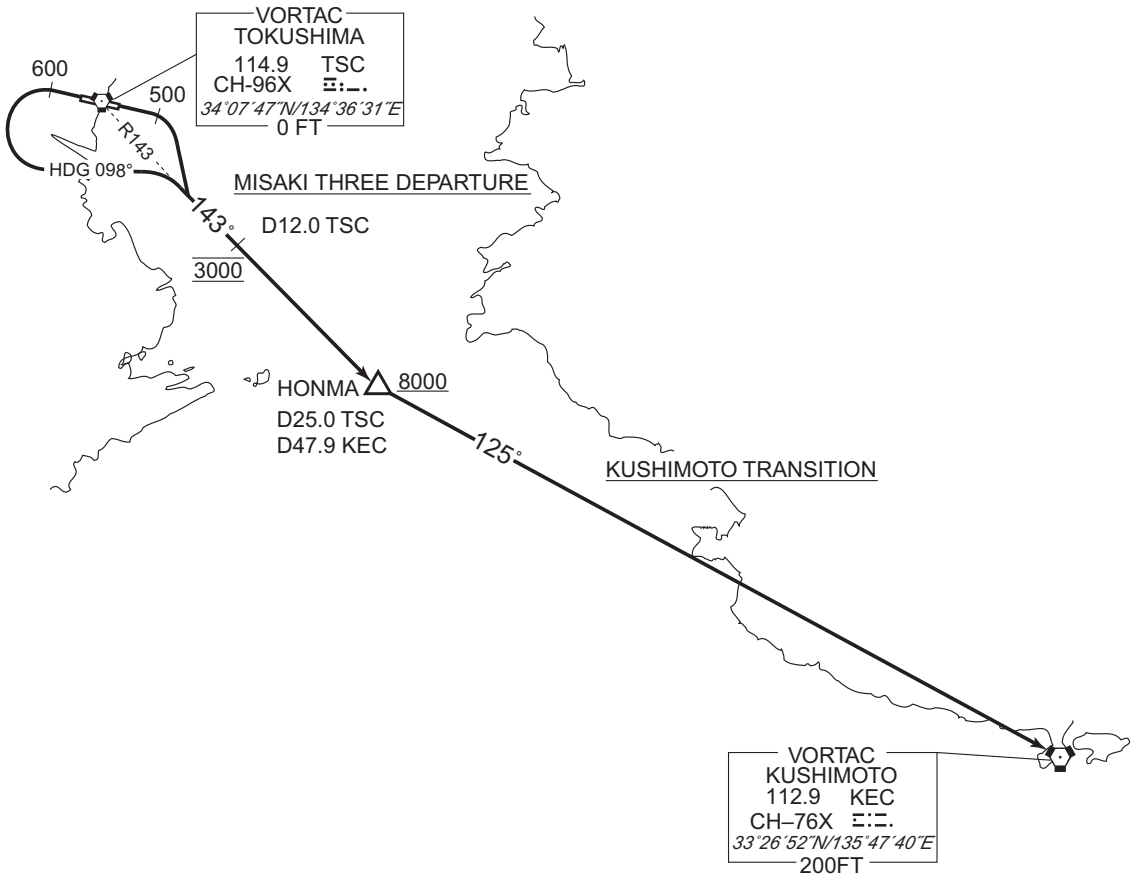
RWY11 : Climb RWY HDG to 500FT, turn right,...

RWY29 : Climb RWY HDG to 600FT, turn left HDG098° to intercept and proceed...
...via TSC R143 to HONMA.
Cross TSC R143/12.0DME at 3000FT, cross HONMA at or above 8000FT.

NOTE RWY29 : 4.0% climb gradient required up to 800FT.
OBST ALT 1105FT located at 5.0NM 224˚ FM end of RWY29.

KUSHIMOTO TRANSITION

From over HONMA, via KEC R305 to KEC VORTAC.



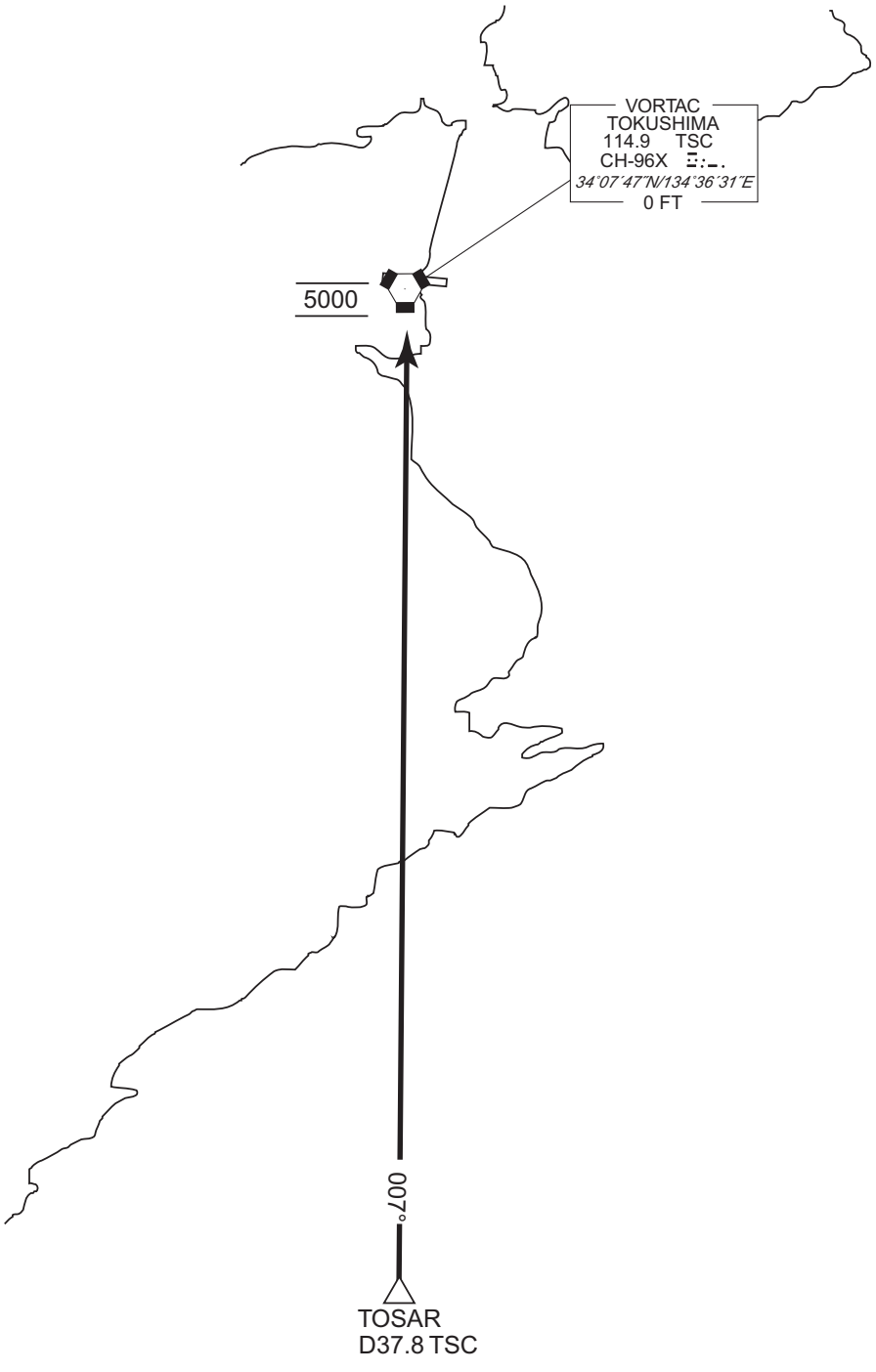
STANDARD ARRIVAL CHART-INSTRUMENT

RJOS / TOKUSHIMA STAR

CHANGE : Distance FM TSC to TOSAR added.

TOSAR ARRIVAL

From over TOSAR, via TSC R187 to TSC VORTAC.
Cross TSC VORTAC at 5000 FT.



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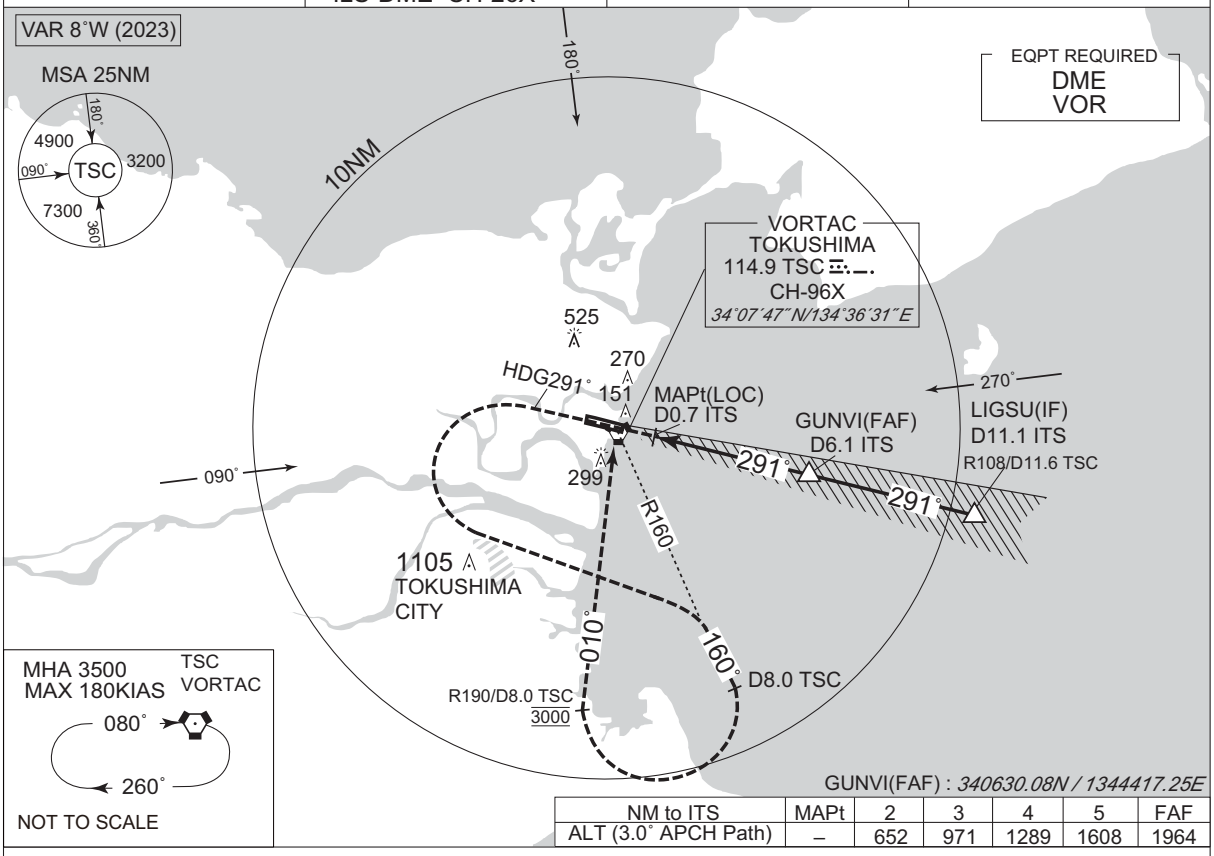
INSTRUMENT APPROACH CHART

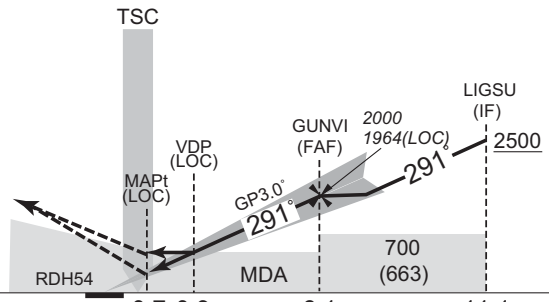
RJOS / TOKUSHIMA — ILS Z or LOC Z RWY 29

TOKUSHIMA APP	ILS-LOC	TOKUSHIMA TOWER	RADAR AVBL
120.1 - 124.0 261.2 - 284.6	108.9 ITS ILS-GP 329.3 ILS-DME CH-26X	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP



NM to ITS	MAPt	2	3	4	5	FAF
ALT (3.0° APCH Path)	–	652	971	1289	1608	1964

MISSED APPROACH
Climb on HDG 291° to 800FT, turn left to intercept and proceed via TSC R160 to TSC 8.0DME, turn right, via TSC R190 to TSC VORTAC and hold at 3500FT.
Cross TSC R190/8.0DME at 3000FT.
Contact TOKUSHIMA APP.
Timing not authorized for defining the MAPt.



DME to ITS	0.7	0.9	6.1	11.1
NM to THR	0.5	0.6	5.9	10.9

Missed APCH climb gradient MNM 4.0%

MINIMA THR elev. 37 AD elev. 37

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	237 (200)	1000	290 (253)	1500	570 (533)	1600
B						
C				1600	600 (563)	2400
D				1800	830 (793)	3200

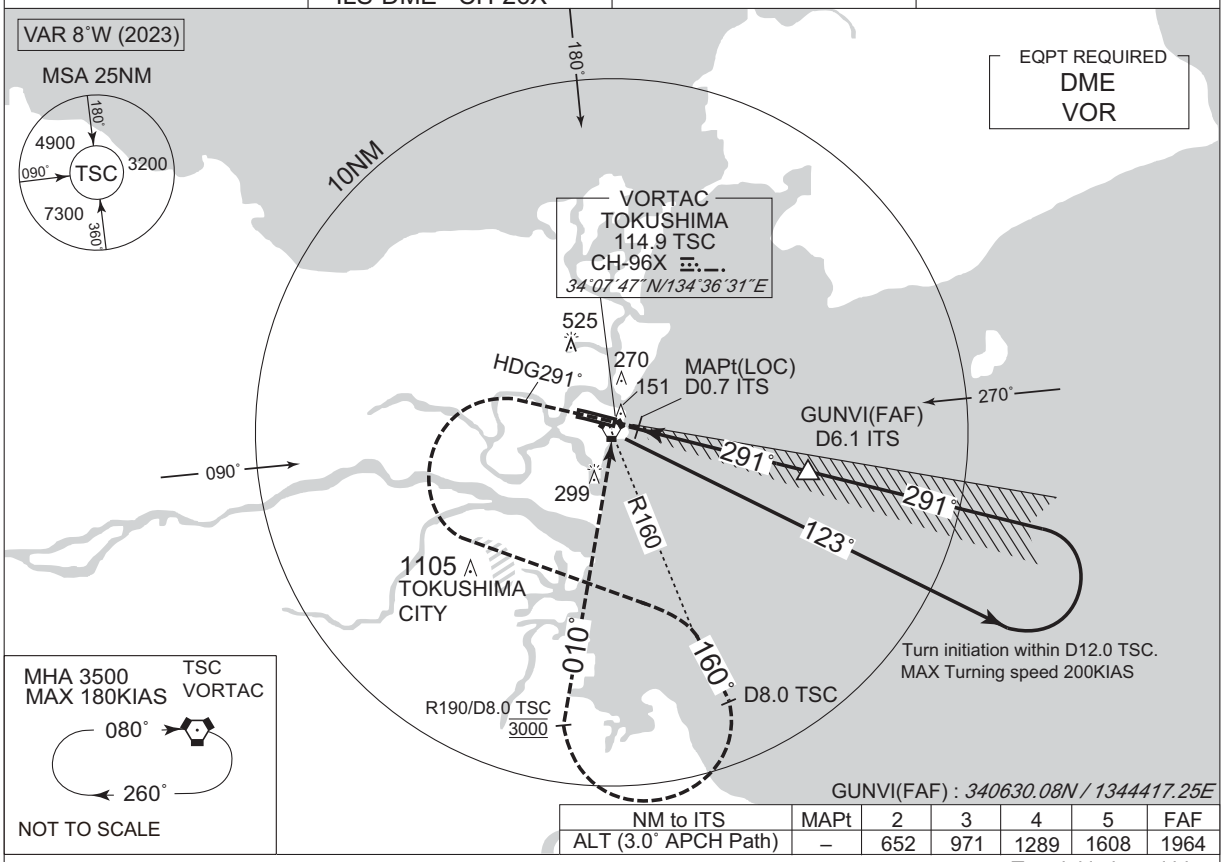
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : PROC course. Missed APCH PROC. MINIMA. ALT(3.0° APCH Path) established. HLDG pattern. EQPT REQUIRED.
PROC ALT established. OCA/H established. ALT restriction. LIGSU,GUNVI established. DME to ITS. NM to THR.

INSTRUMENT APPROACH CAHRT

RJOS / TOKUSHIMA — ILS Y or LOC Y RWY 29

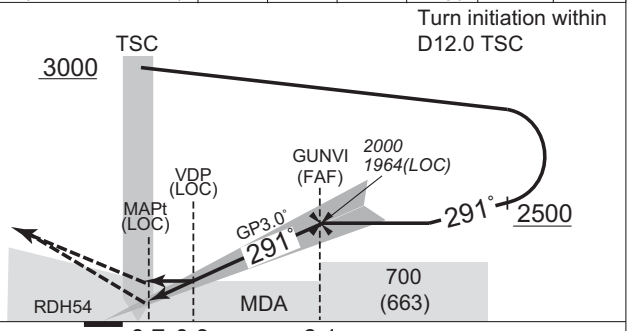
TOKUSHIMA APP	ILS-LOC	TOKUSHIMA TOWER	RADAR AVBL
120.1 - 124.0 261.2 - 284.6	108.9 ITS ILS-GP 329.3 ILS-DME CH-26X	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP



GUNVI(FAF) : *340630.08N / 1344417.25E*

NM to ITS	MAPt	2	3	4	5	FAF
ALT (3.0˚ APCH Path)	–	652	971	1289	1608	1964

MISSED APPROACH
Climb on HDG 291˚ to 800FT, turn left to intercept and proceed via TSC R160 to TSC 8.0DME, turn right, via TSC R190 to TSC VORTAC and hold at 3500FT.
Cross TSC R190/8.0DME at 3000FT.
Contact TOKUSHIMA APP.
Timing not authorized for defining the MAPt.



DME to ITS		0.7	0.9	6.1
NM to THR		0.5	0.6	5.9

Missed APCH climb gradient MNM 4.0%

MINIMA THR elev. 37 AD elev. 37

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	237 (200)	1000	290 (253)	1500	570 (533)	1600
B						
C				1600	600 (563)	2400
D				1800	830 (793)	3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : PROC course. Missed APCH PROC. MINIMA. ALT(3.0˚ APCH Path) established. HLDG pattern. EQPT REQUIRED.
PROC ALT established. OCA/H established. ALT restriction. GUNVI established. DME to ITS. NM to THR.

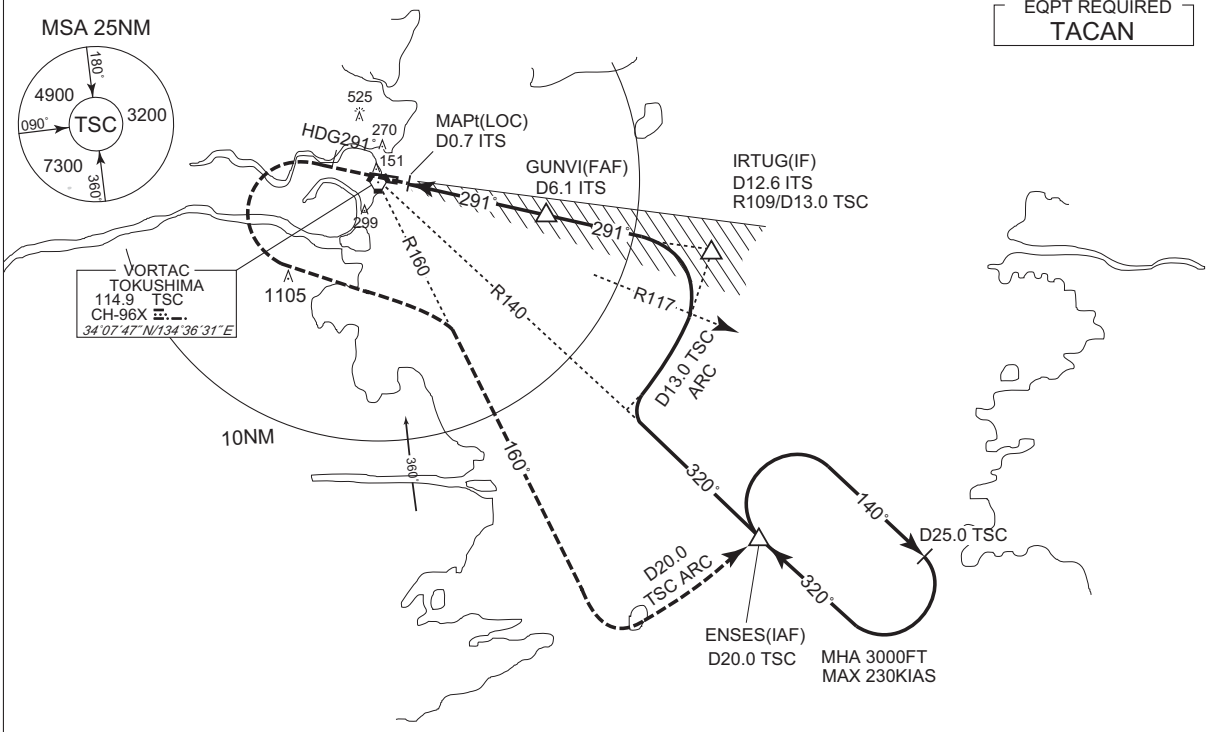
INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA — ILS W or LOC W RWY 29

TOKUSHIMA APP	ILS-LOC	TOKUSHIMA TOWER	RADAR AVBL
120.1 - 124.0 261.2 - 284.6	108.9 ITS ILS-GP 329.3 ILS-DME CH-26X	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP

VAR 8°W (2023)

EQPT REQUIRED
TACAN

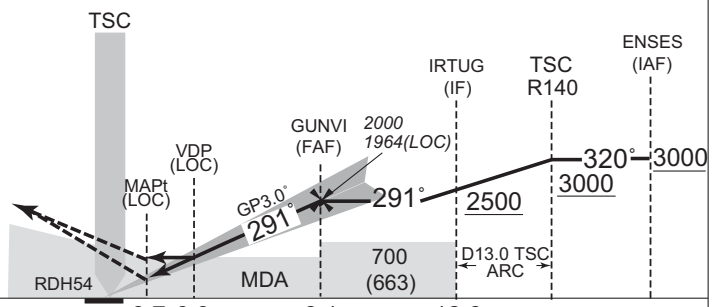


GUNVI(FAF) : *340630.08N / 1344417.25E*

NM to ITS	MAPt	2	3	4	5	FAF
ALT (3.0° APCH Path)	–	652	971	1289	1608	1964

MISSED APPROACH

Climb on HDG 291° to 800FT, turn left to intercept and proceed via TSC R160 to TSC 20.0DME, counterclockwise ARC to ENSES and hold at 3000FT.
Contact TOKUSHIMA APP.
Timing not authorized for defining the MAPt.



DME to ITS	0.7	0.9	6.1	12.6
NM to THR	0.5	0.6	5.9	12.4

Missed APCH climb gradient MNM 4.0%

MINIMA THR elev. 37 AD elev. 37

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	237 (200)	1000	290 (253)	1500	570 (533)	1600
B						
C				1600	600 (563)	2400
D				1800	830 (793)	3200

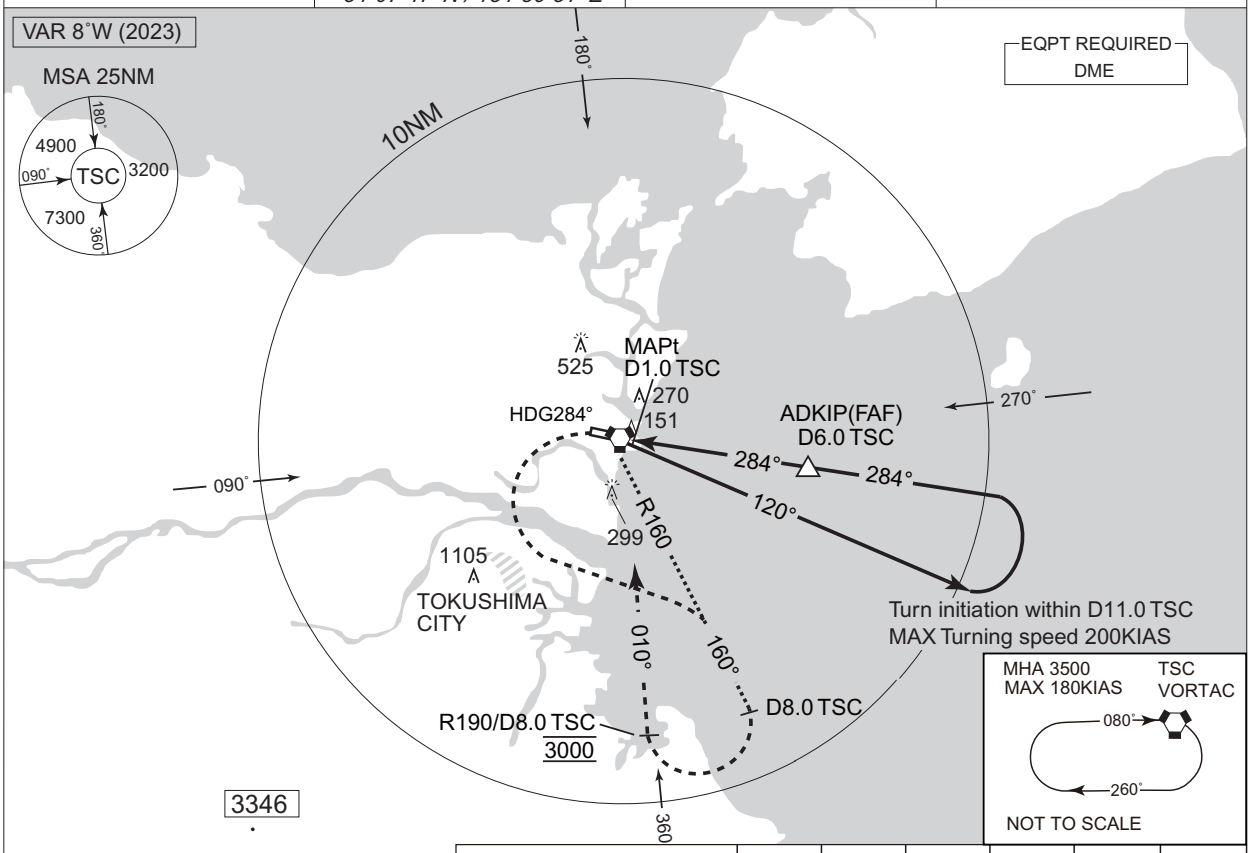
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : PROC course. Missed APCH PROC. MINIMA. ALT(3.0° APCH Path) established. HLDG pattern. PROC ALT established. OCA/H established. ALT restriction. ENSES,IRTUG,GUNVI established. ANANN abolished. DME to ITS. NM to THR.

INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA VOR RWY29

TOKUSHIMA APP	TOKUSHIMA VORTAC	TOKUSHIMA TOWER	RADAR AVBL
120.1 - 124.0 261.2 - 284.6	114.9 TSC CH-96X *34°07′47″N / 134°36′31″E*	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP

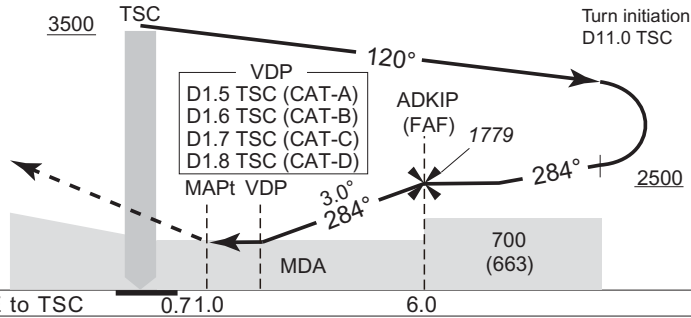


ADKIP(FAF) : *340659.22N/1344340.71E*

NM to TSC	MAPt	2	3	4	5	FAF
ALT (3.0° APCH Path)	–	505	823	1142	1460	1779

MISSED APPROACH

Climb to 800FT on HDG 284°, turn left to intercept and proceed via TSC R160 to TSC 8.0DME, turn right, via TSC R190 to TSC VORTAC and hold at 3500FT.
Cross TSC R190/8.0DME at 3000FT.
Contact TOKUSHIMA APP.
Timing not authorized for defining the MAPt.



DME to TSC	0.7	1.0	6.0
NM to THR	0	0.3	5.3

Missed APCH climb gradient MNM 4.0%

MINIMA	THR elev. 37		AD elev. 37	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	350 (313)	1500	570 (533)	1600
B	380 (343)			
C	410 (373)	1800	600 (563)	2400
D	430 (393)	2000	830 (793)	3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

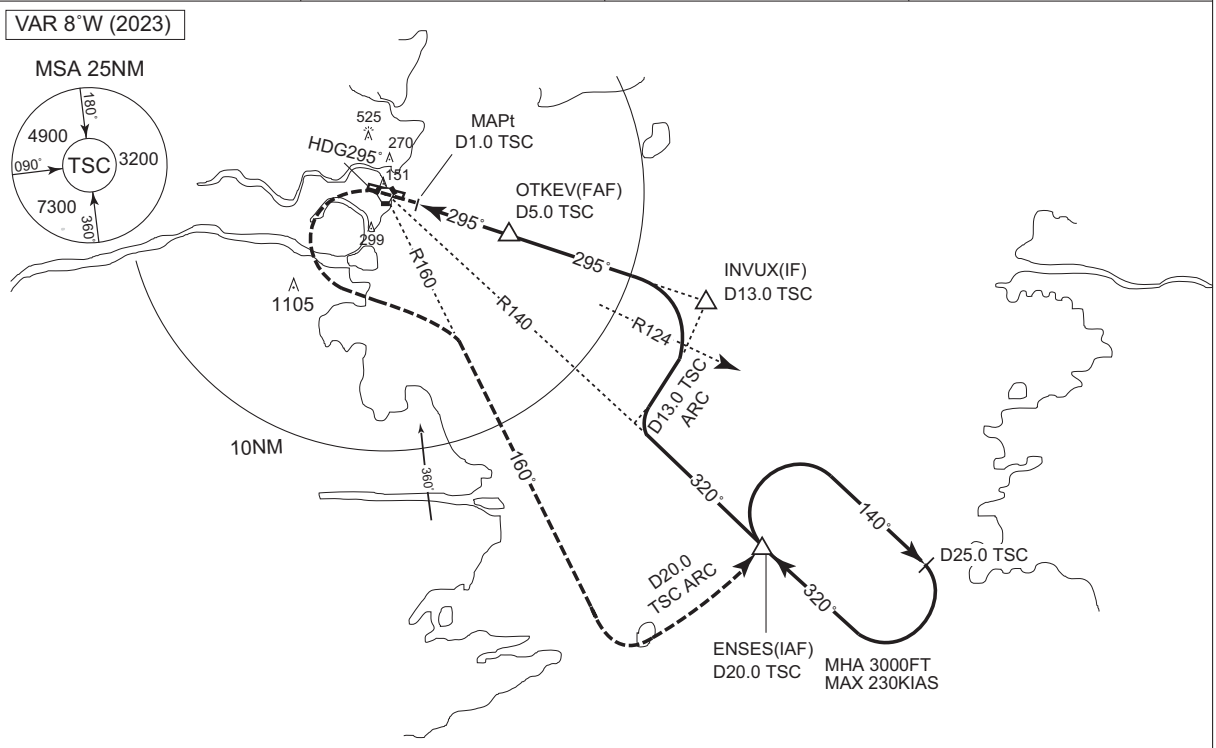
CHANGE : Description of RADAR Service. MSA. VAR.

INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA — TACAN A

TOKUSHIMA APP	TOKUSHIMA TACAN	TOKUSHIMA TOWER	RADAR AVBL
120.1 - 124.0 261.2 - 284.6	CH-96X TSC *34°07′48″N / 134°36′36″E*	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP

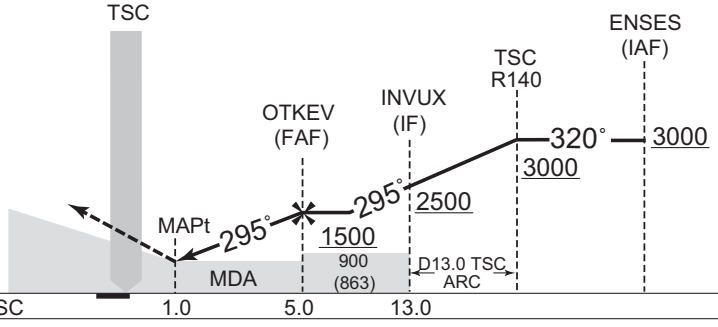
CHANGE : PROC course. Missed APCH PROC. MINIMA. HLDG pattern. OCA/H established. ENSES,INVUX,OTKEV established.
ANANN abolished. DME to TSC. Description of RADAR Service. MSA. VAR.



OTKEV(FAF) : *340613.11N / 1344218.48E*

MISSED APPROACH

Climb on HDG 295° to 800FT, turn left to intercept and proceed via TSC R160 to TSC 20.0DME, counterclockwise ARC to ENSES and hold at 3000FT.
Contact TOKUSHIMA APP.
Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 4.0%

MINIMA — AD elev. 37

CAT	CIRCLING	
	MDA(H)	VIS
A B	570 (533)	1600
C	600 (563)	2400
D	830 (793)	3200

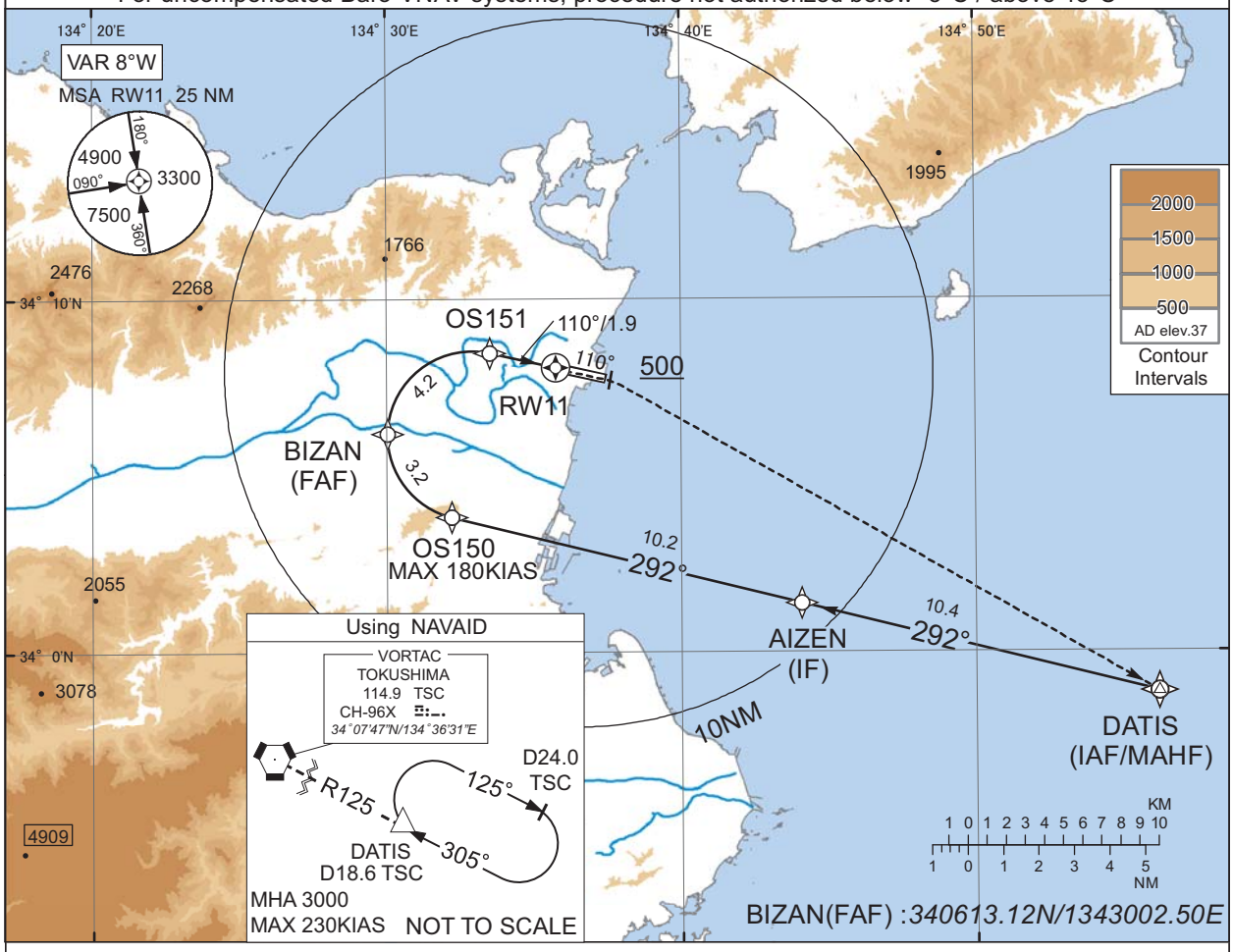
MINIMA with Missed APCH climb gradient of 2.5% are not established.

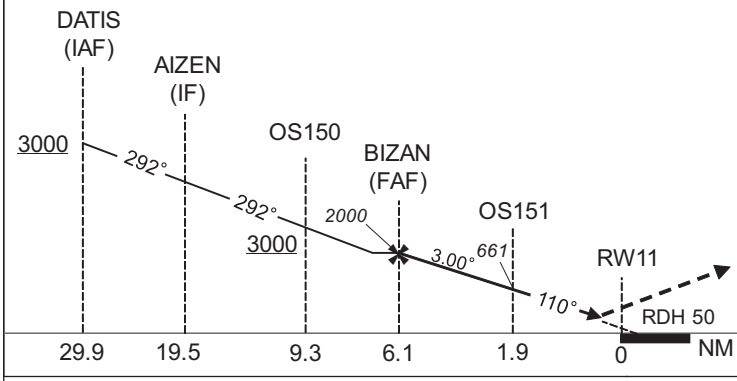
INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA — RNP Z RWY11(AR)

TOKUSHIMA APP	RNP AR	TOKUSHIMA TOWER	GCA AVBL
120.1 - 124.0 261.2 - 284.6	RF required.	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP

For uncompensated Baro-VNAV systems, procedure not authorized below -5°C / above 45°C





MISSED APPROACH

From RW11 on track 110°, at or above 500FT turn right, direct to DATIS and hold at 3000FT.
Contact TOKUSHIMA APP.

Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev. 6		AD elev. 37	
CAT	RNP 0.15		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	-	-	-	-
B				
C	306(300)	1400	362(356)	1400
D		1600		1600

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Authorization Required

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA RNP Z RWY11(AR)

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	DATIS	-	-	-7.8	-	-	+3000	-	-	-
002	TF	AIZEN	-	292 (284.2)	-7.8	10.4	-	-	-	-	1.0
003	TF	OS150	-	292 (284.1)	-7.8	10.2	-	+3000	-180	-	0.3
004	RF Center: OSRF2 r=2.38NM	BIZAN	-	-	-7.8	3.2	R	2000	-	-	0.3
005	RF Center: OSRF2 r=2.38NM	OS151	-	-	-7.8	4.2	R	661	-	-3.00	0.15 0.30
006	TF	RW11	Y	110 (102.6)	-7.8	1.9	-	56	-	-3.00/50	0.15 0.30
007	FA	-	-	110 (102.6)	-7.8	-	-	+500	-	-	1.0
008	DF	DATIS	-	-	-7.8	-	R	3000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
DATIS	*335851.96N / 1345613.14E*	OSRF2	*340610.26N / 1343254.26E*
AIZEN	*340123.97N / 1344405.59E*		
OS150	*340351.55N / 1343212.95E*		
BIZAN	*340613.12N / 1343002.50E*		
OS151	*340829.79N / 1343331.39E*		
RW11	*340804.98N / 1343545.74E*		

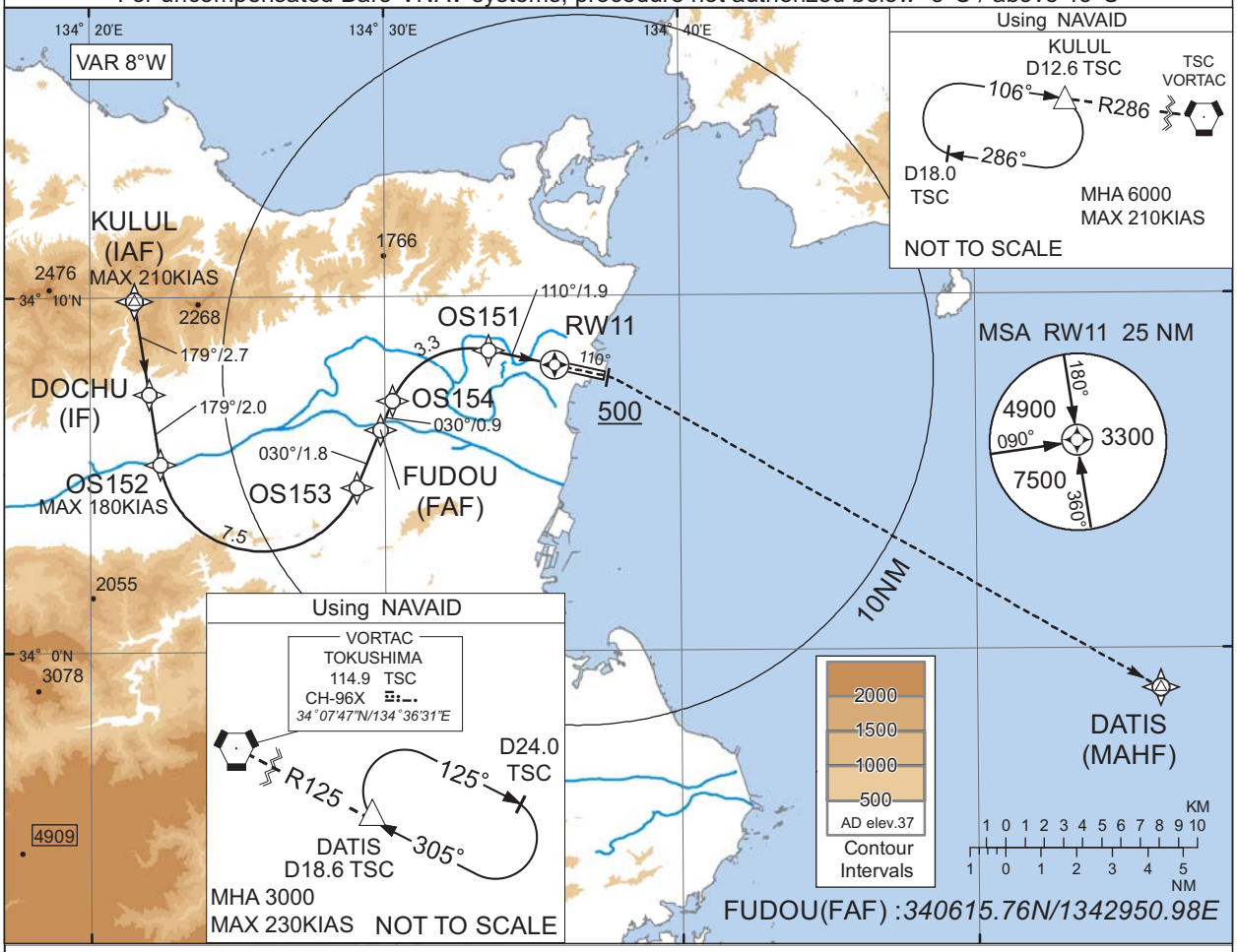
CHANGE : PROC renamed.

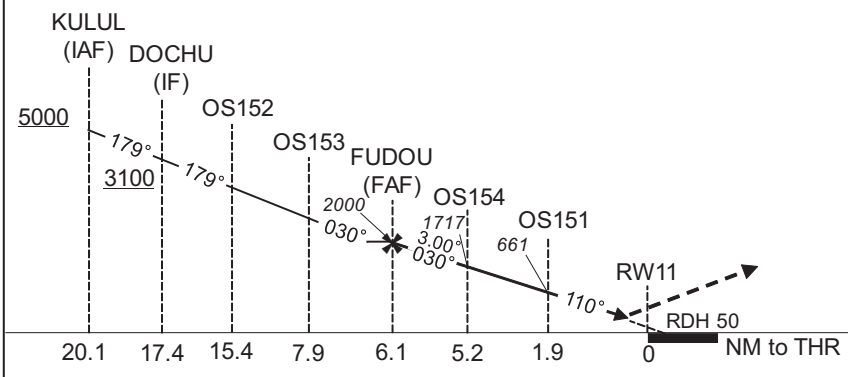
INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA — RNP Y RWY11(AR)

TOKUSHIMA APP	RNP AR	TOKUSHIMA TOWER	GCA AVBL
120.1 - 124.0 261.2 - 284.6	RF required.	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP

For uncompensated Baro-VNAV systems, procedure not authorized below -5°C / above 45°C





MISSED APPROACH

From RW11 on track 110°, at or above 500FT turn right, direct to DATIS and hold at 3000FT. Contact TOKUSHIMA APP.

Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev. 6		AD elev. 37	
CAT	RNP 0.15		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	-	-	-	-
B				
C	306(300)	1400	362(356)	1400
D		1600		1600

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Authorization Required

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA RNP Y RWY11(AR)

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	KULUL	-	-	-7.8	-	-	+5000	-210	-	-
002	TF	DOCHU	-	179 (171.2)	-7.8	2.7	-	+3100	-	-	0.3
003	TF	OS152	-	179 (171.2)	-7.8	2.0	-	-	-180	-	0.3
004	RF Center: OSRF1 r=2.88NM	OS153	-	-	-7.8	7.5	L	-	-	-	0.3
005	TF	FUDOU	-	030 (022.4)	-7.8	1.8	-	2000	-	-	0.3
006	TF	OS154	-	030 (022.4)	-7.8	0.9	-	1717	-	-3.00	0.15 0.30
007	RF Center: OSRF2 r=2.38NM	OS151	-	-	-7.8	3.3	R	661	-	-3.00	0.15 0.30
008	TF	RW11	Y	110 (102.6)	-7.8	1.9	-	56	-	-3.00/50	0.15 0.30
009	FA	-	-	110 (102.6)	-7.8	-	-	+500	-	-	1.0
010	DF	DATIS	-	-	-7.8	-	R	3000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KULUL	*340954.74N / 1342131.22E*	OSRF1	*340544.73N / 1342549.48E*
DOCHU	*340716.80N / 1342200.89E*	OSRF2	*340610.26N / 1343254.26E*
OS152	*340517.99N / 1342223.19E*		
OS153	*340438.24N / 1342902.35E*		
FUDOU	*340615.76N / 1342950.98E*		
OS154	*340705.08N / 1343015.59E*		
OS151	*340829.79N / 1343331.39E*		
RW11	*340804.98N / 1343545.74E*		
DATIS	*335851.96N / 1345613.14E*		

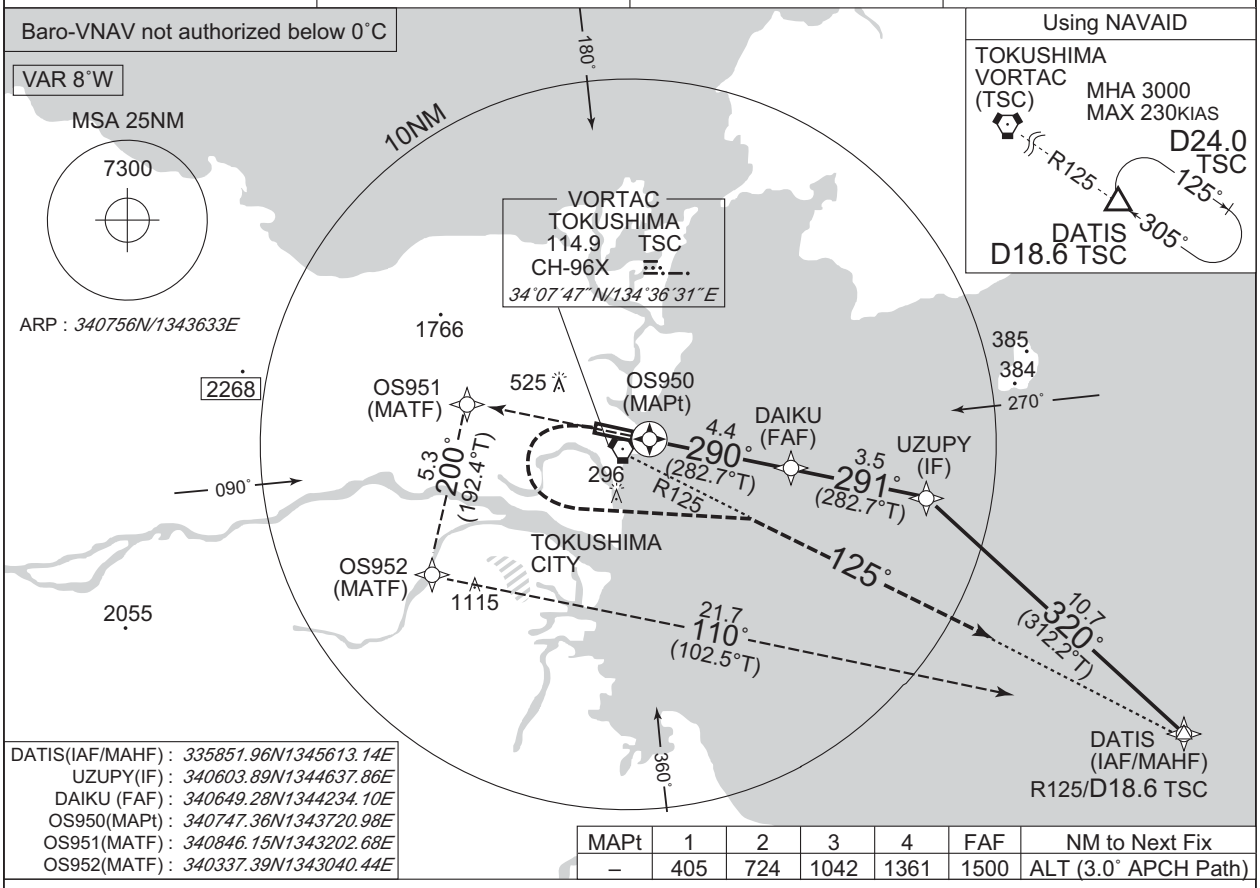
CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA

RNP Z RWY29

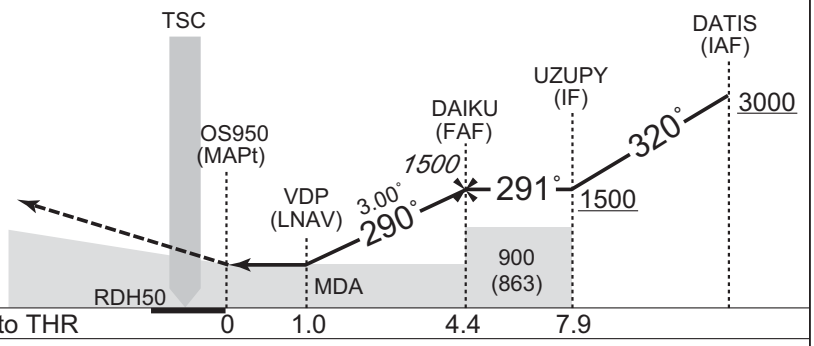
TOKUSHIMA APP	RNP APCH	TOKUSHIMA TOWER	GCA AVBL
120.1 - 124.0 261.2 - 284.6		118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP



MAPt	1	2	3	4	FAF	NM to Next Fix
–	405	724	1042	1361	1500	ALT (3.0˚ APCH Path)

MISSED APPROACH
Climb to 3000FT direct to OS951,
to OS952, to DATIS and hold.
Contact TOKUSHIMA APP.

(For using VORTAC)
Climb on HDG290˚ to 800FT,
turn left climb to 3000FT via TSC
R125 to DATIS and hold.
Contact TOKUSHIMA APP.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 37 AD elev. 37

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	380 (343)	1500	380 (343)	1500	580 (543)	1600
B						
C		1800		1800	600 (563)	2400
D		2000		2000	840 (803)	3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

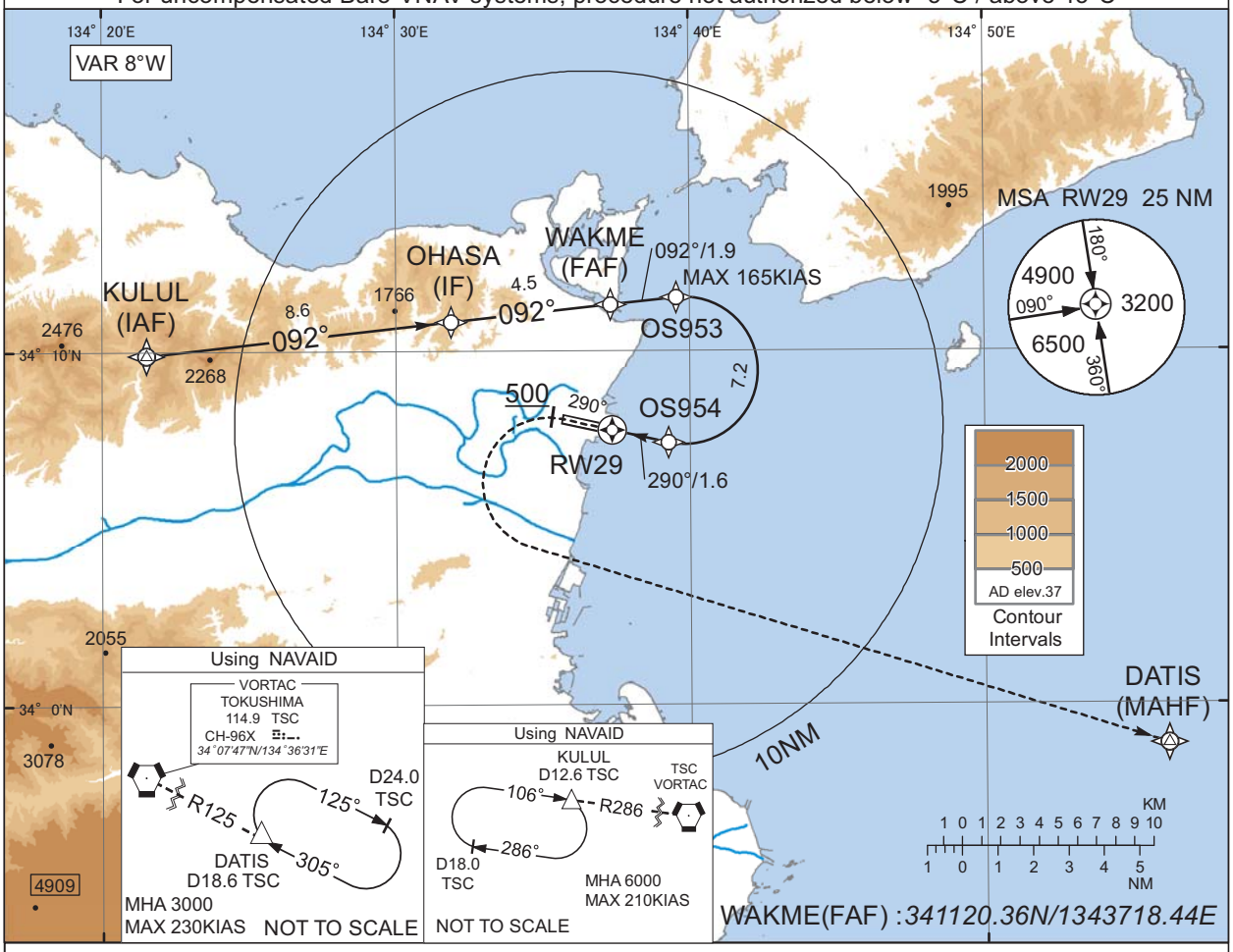
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA — RNP Y RWY29(AR)

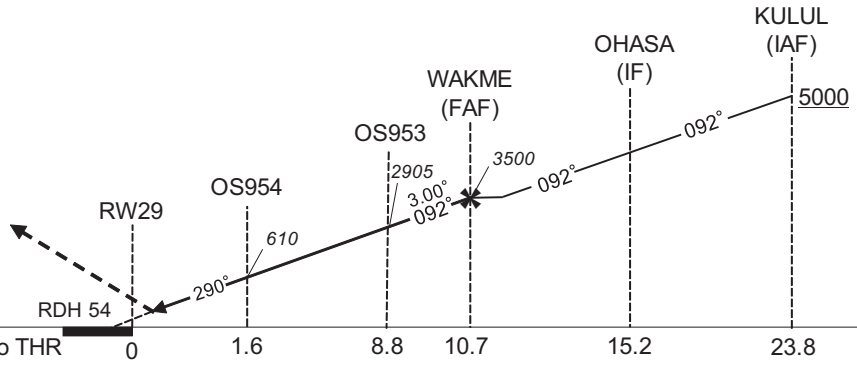
TOKUSHIMA APP	RNP AR	TOKUSHIMA TOWER	GCA AVBL
120.1 - 124.0 261.2 - 284.6	RF required.	118.0 - 126.2 233.8 - 236.8	CALL TOKUSHIMA APP

For uncompensated Baro-VNAV systems, procedure not authorized below -5°C / above 45°C



MISSED APPROACH

From RW29 on track 290°, at or above 500FT turn left, direct to DATIS and hold at 3000FT.
Contact TOKUSHIMA APP.



Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev. 37		AD elev. 37	
CAT	RNP 0.27		RNP 0.30	
	DA(H)	RVR/CMV	DA(H)	RVR/CMV
A	-	-	-	-
B				
C	337(300)	1800	364(327)	1800
D		2000		2000

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Authorization Required

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJOS / TOKUSHIMA RNP Y RWY29(AR)

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	KULUL	-	-	-7.8	-	-	+5000	-	-	-
002	TF	OHASA	-	092 (083.7)	-7.8	8.6	-	-	-	-	1.0
003	TF	WAKME	-	092 (083.8)	-7.8	4.5	-	3500	-	-	0.7
004	TF	OS953	-	092 (083.8)	-7.8	1.9	-	2905	-165	-3.00	0.27 0.30
005	RF Center: OSRF3 r=2.08NM	OS954	-	-	-7.8	7.2	R	610	-	-3.00	0.27 0.30
006	TF	RW29	Y	290 (282.6)	-7.8	1.6	-	91	-	-3.00/54	0.27 0.30
007	FA	-	-	290 (282.6)	-7.8	-	-	+500	-	-	1.0
008	DF	DATIS	-	-	-7.8	-	L	3000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KULUL	*340954.74N / 1342131.22E*	OSRF3	*340928.04N / 1343948.74E*
OHASA	*341051.19N / 1343153.12E*		
WAKME	*341120.36N / 1343718.44E*		
OS953	*341132.33N / 1343932.73E*		
OS954	*340726.04N / 1343916.02E*		
RW29	*340747.36N / 1343720.97E*		
DATIS	*335851.96N / 1345613.14E*		

CHANGE : PROC renamed.

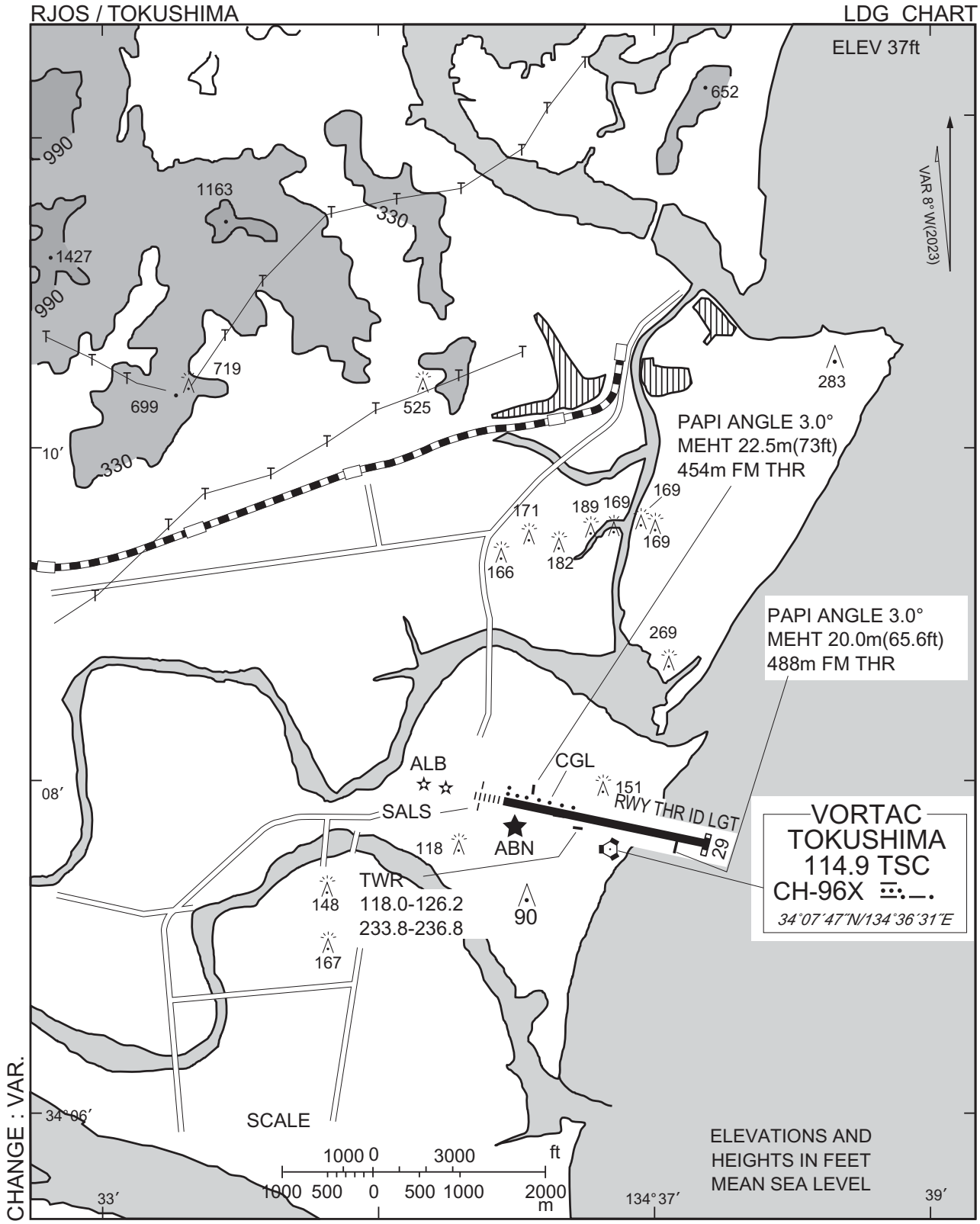
RJOS / TOKUSHIMA

Visual REP

※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).

CHANGE : VAR.

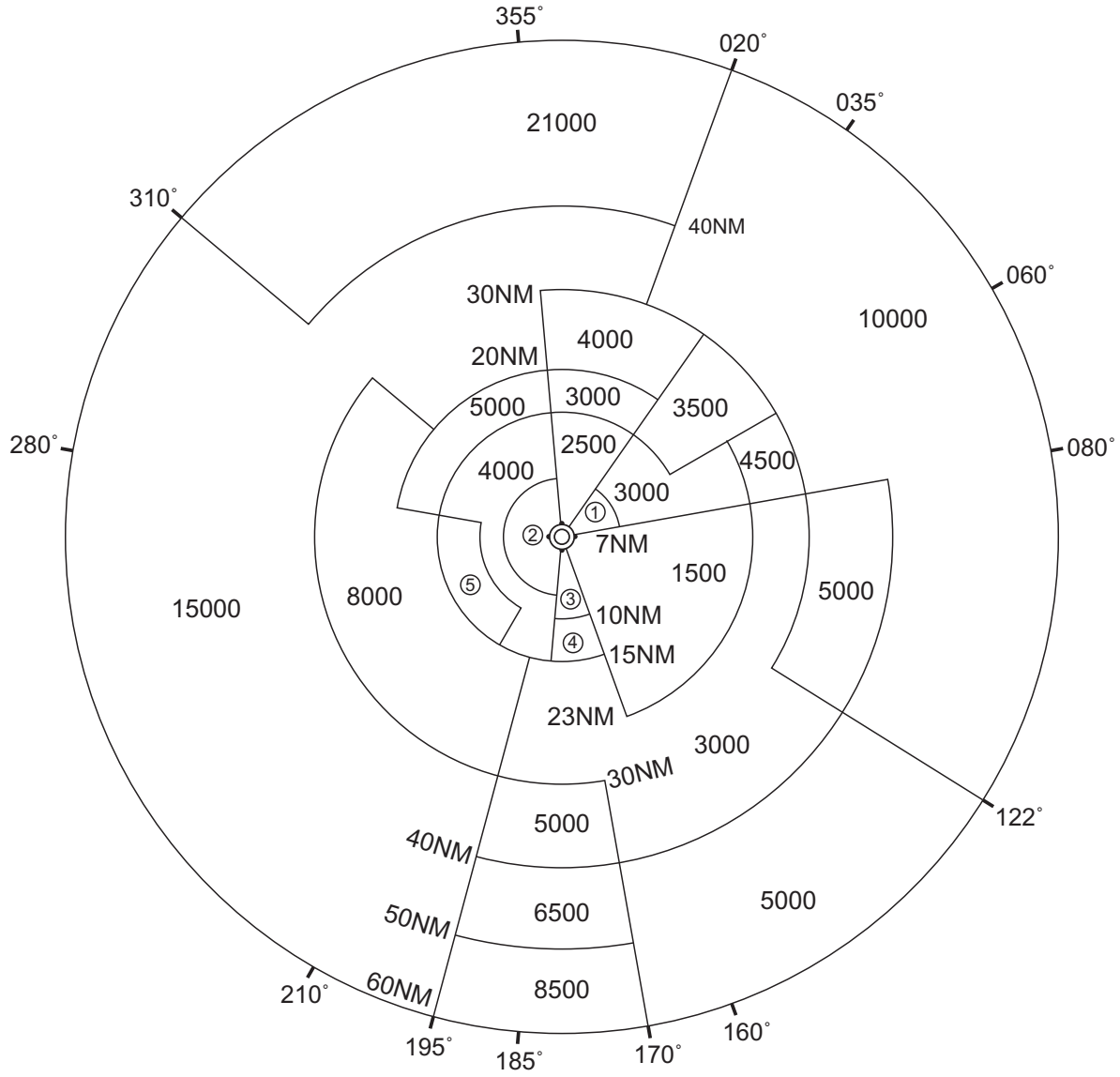
Call sign	BRG / DIST from ARP	Remarks
福良 Fukura	037°T / 9.0NM	港 Harbor
岡崎 Okazaki	029°T / 3.3NM	灯台 Lighthouse
沼島 Nushima	079°T / 11.1NM	灯台 Lighthouse
吉野イニシャル Yoshino Initial	248°T / 4.5NM	鉄道橋中央 The center of iron bridge
吉野リバー Yoshino River	188°T / 3.3NM	吉野川河口 River mouth


RJOS / TOKUSHIMA
LDG CHART
ELEV 37ft
652
990
1163
330
1427
990
719
699
525
283
VAR 8°W(2023)
PAPI ANGLE 3.0°
MEHT 22.5m(73ft)
454m FM THR
10′
330
171
189
169
169
169
166
182
269
PAPI ANGLE 3.0°
MEHT 20.0m(65.6ft)
488m FM THR
ALB
CGL
151
08′
SALS
RWY THR ID LGT
29
VORTAC
TOKUSHIMA
114.9 TSC
CH-96X
34°07′47″N/134°36′31″E
118
ABN
TWR
118.0-126.2
233.8-236.8
148
90
167
CHANGE : VAR.
34°06′
SCALE
1000 0 3000 ft
1000 500 0 500 1000 2000 m
ELEVATIONS AND
HEIGHTS IN FEET
MEAN SEA LEVEL
33′
134°37′
39′

RJOS / TOKUSHIMA

Minimum Vectoring Altitude CHART

VAR 8˚W (2023)



① 2000
② 3000
③ 1700
④ 2100
⑤ 4500

CENTER : *340751N/1343552E* (RADAR SITE)

CHANGE : VAR.

INTENTIONALLY LEFT BLANK