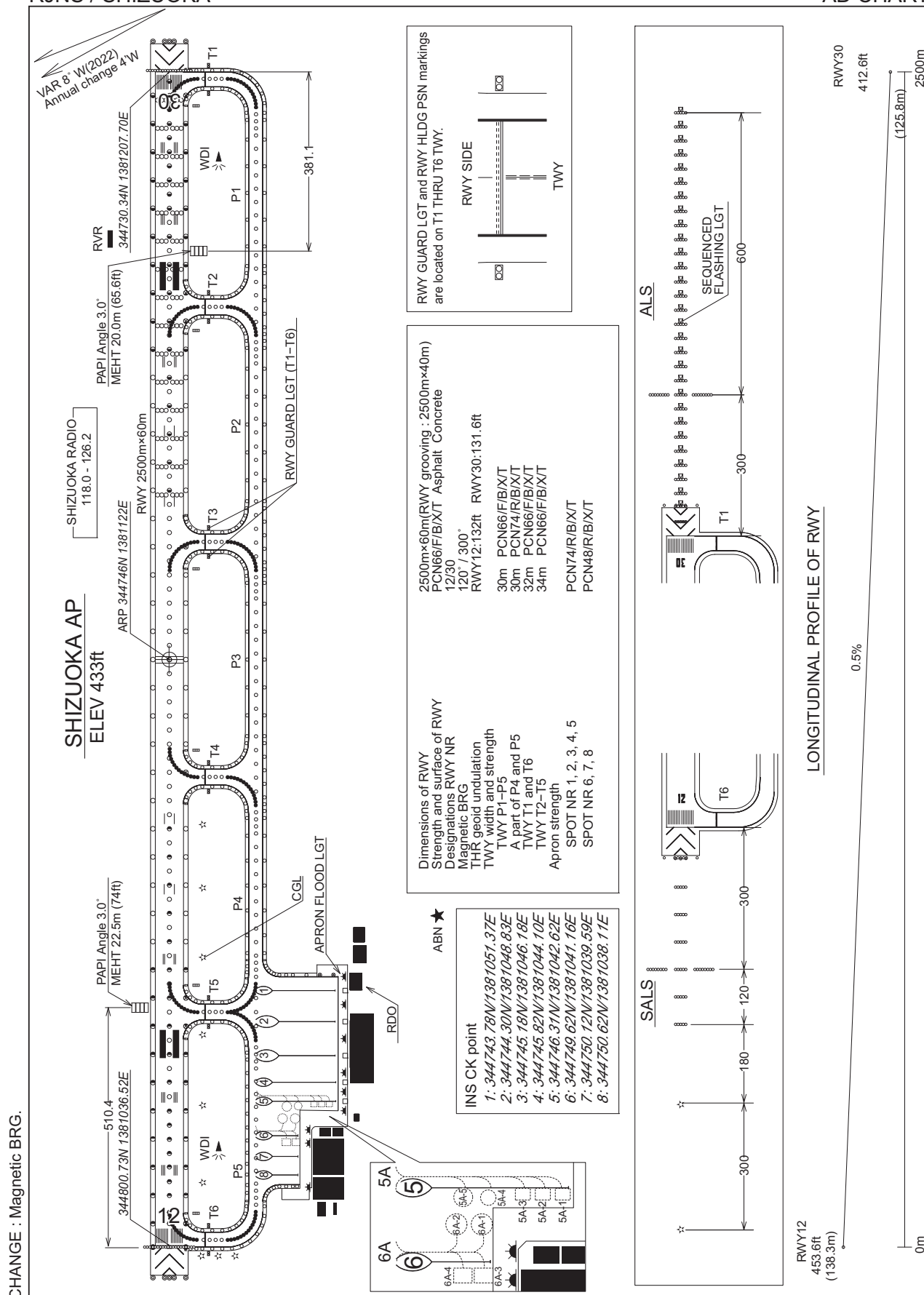


AD CHART



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STANDARD DEPARTURE CHART- INSTRUMENT

RJNS / SHIZUOKA

SID

SHIZUOKA REVERSAL ONE DEPARTURE

RWY12: Climb RWY HDG until 900FT, then turn right....

RWY30: Climb RWY HDG until 1200FT then turn left HDG 115°....

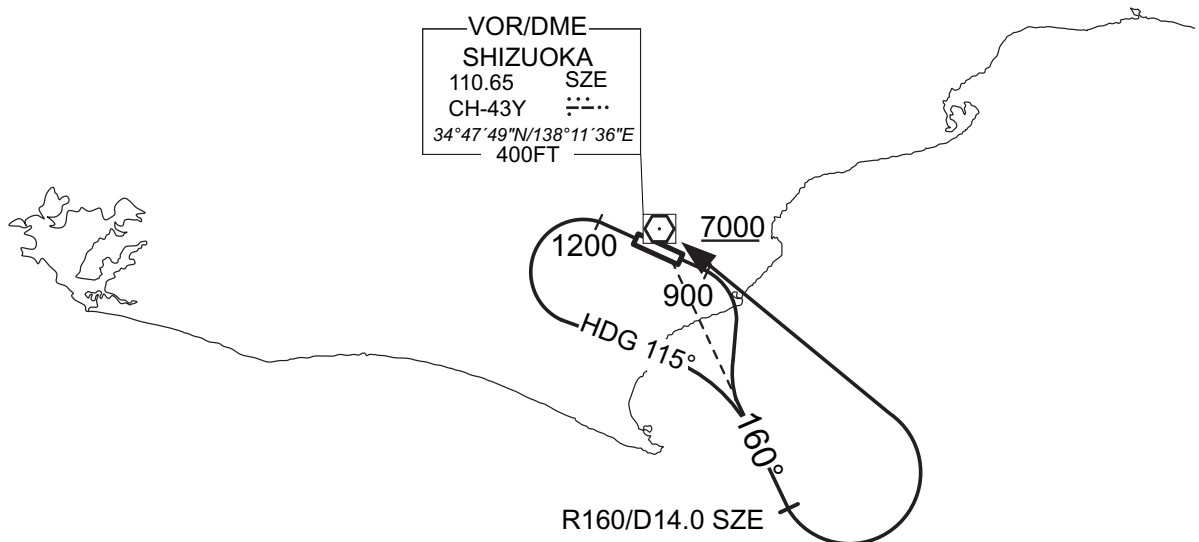
.... to intercept and proceed via SZE R160 to 14.0DME, then turn left proceed to SZE VOR/DME.

Cross SZE VOR/DME at or above 7000FT.

Note RWY30 : 5.2% climb gradient required up to 1200FT.

OBST ALT 915FT located at 2.4NM 293° FM end of RWY30.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART- INSTRUMENT

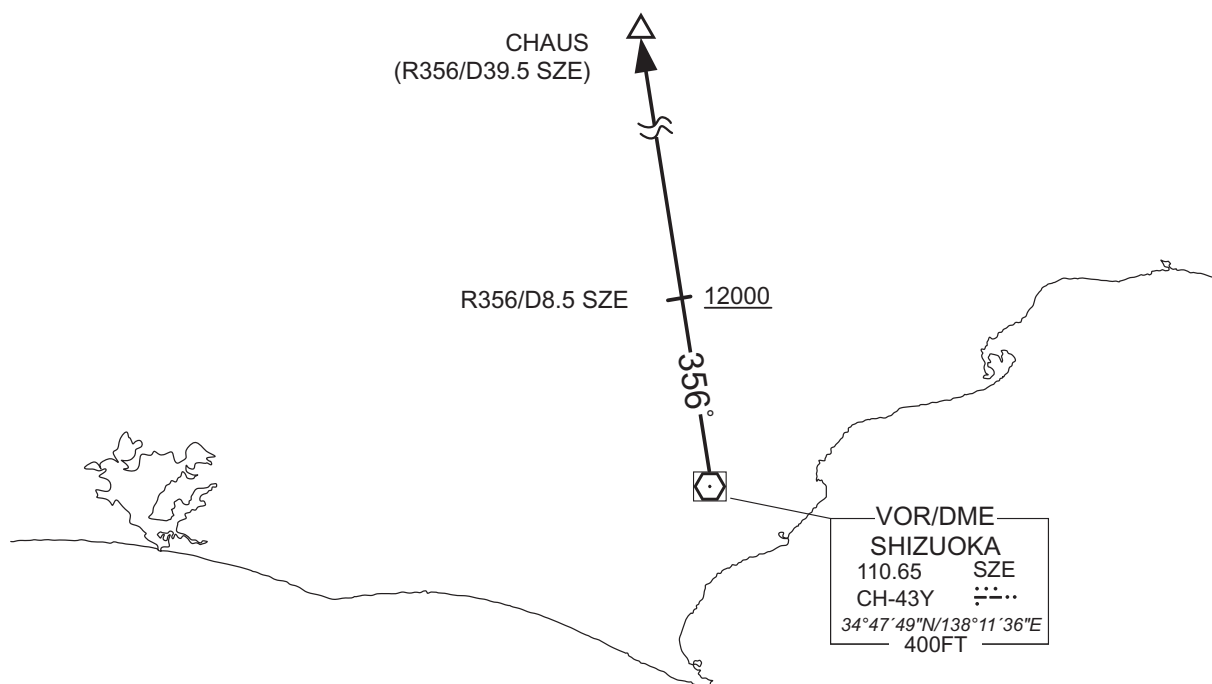
RJNS / SHIZUOKA

TRANSITION

CHAUS TRANSITION

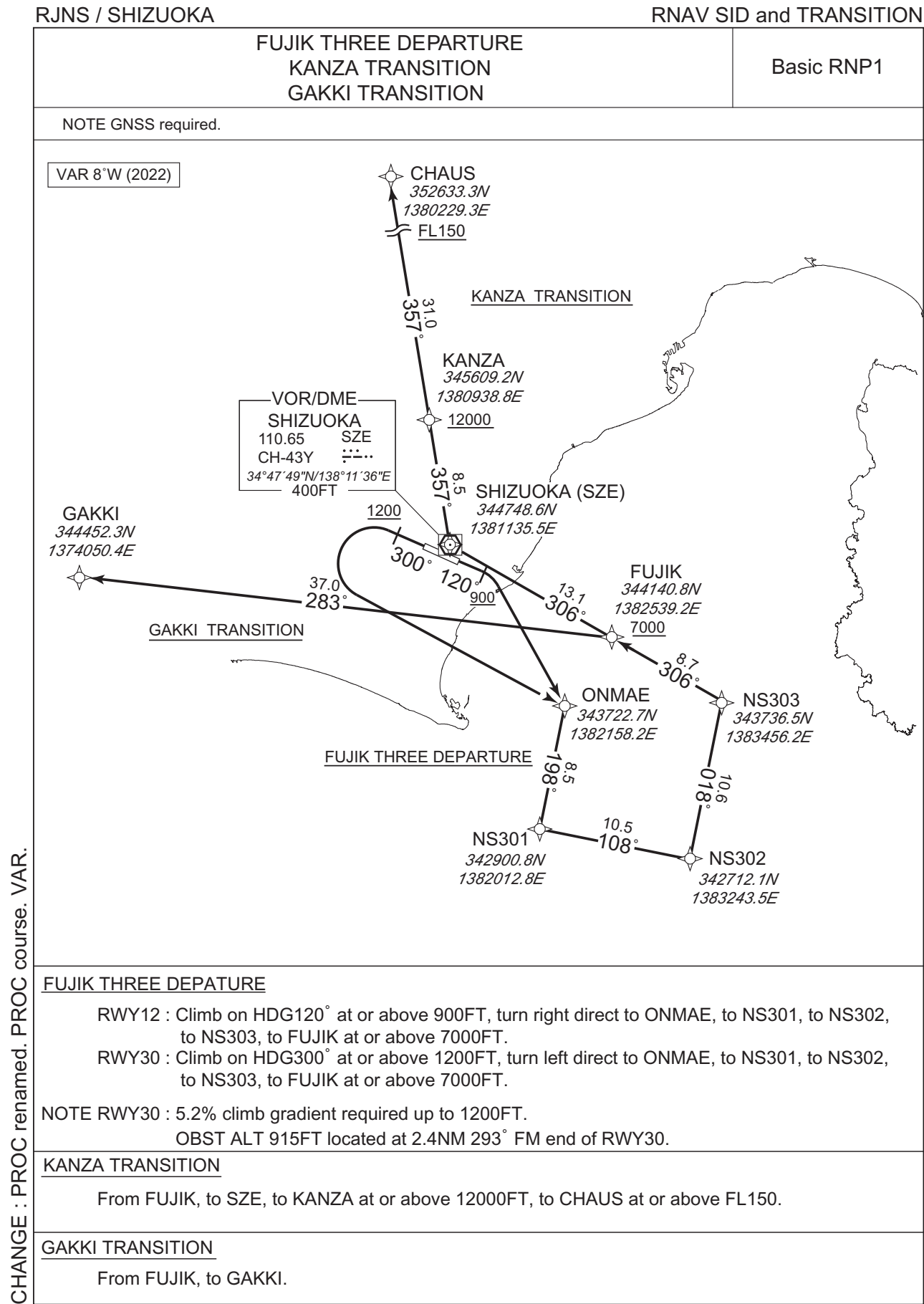
From over SZE VOR/DME, proceed via SZE R356 to CHAUS.

Cross SZE R356/8.5DME at or above 12000FT.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART- INSTRUMENT



CHANGE : PROC renamed. PROC course. VAR.

STANDARD DEPARTURE CHART- INSTRUMENT

RJNS / SHIZUOKA

RNAV SID and TRANSITION

FUJIK THREE DEPARTURE

RWY12

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	—	—	120 (112.1)	-7.7	—	—	+900	—	—	Basic RNP1
002	DF	ONMAE	—	—	-7.7	—	R	—	—	—	Basic RNP1
003	TF	NS301	—	198 (189.8)	-7.7	8.5	—	—	—	—	Basic RNP1
004	TF	NS302	—	108 (099.9)	-7.7	10.5	—	—	—	—	Basic RNP1
005	TF	NS303	—	018 (009.9)	-7.7	10.6	—	—	—	—	Basic RNP1
006	TF	FUJIK	—	306 (298.1)	-7.7	8.7	—	+7000	—	—	Basic RNP1

RWY30

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	—	—	300 (292.1)	-7.7	—	—	+1200	—	—	Basic RNP1
002	DF	ONMAE	—	—	-7.7	—	L	—	—	—	Basic RNP1
003	TF	NS301	—	198 (189.8)	-7.7	8.5	—	—	—	—	Basic RNP1
004	TF	NS302	—	108 (099.9)	-7.7	10.5	—	—	—	—	Basic RNP1
005	TF	NS303	—	018 (009.9)	-7.7	10.6	—	—	—	—	Basic RNP1
006	TF	FUJIK	—	306 (298.1)	-7.7	8.7	—	+7000	—	—	Basic RNP1

CHANGE : VAR. PROC course. PROC renamed.

STANDARD DEPARTURE CHART- INSTRUMENT

RJNS / SHIZUOKA

RNAV SID and TRANSITION

KANZA 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	FUJIK	—	—	-7.7	—	—	+7000	—	—	Basic RNP1
002	TF	SZE	—	306 (298.0)	-7.7	13.1	—	—	—	—	Basic RNP1
003	TF	KANZA	—	357 (349.2)	-7.7	8.5	—	+12000	—	—	Basic RNP1
004	TF	CHAUS	—	357 (349.1)	-7.7	31.0	—	+FL150	—	—	Basic RNP1

GAKKI 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	FUJIK	—	—	-7.7	—	—	+7000	—	—	Basic RNP1
002	TF	GAKKI	—	283 (275.2)	-7.7	37.0	—	—	—	—	Basic RNP1

CHANGE : VAR. Course FM FUJIK to SZE.

STANDARD DEPARTURE CHART- INSTRUMENT

RJNS / SHIZUOKA

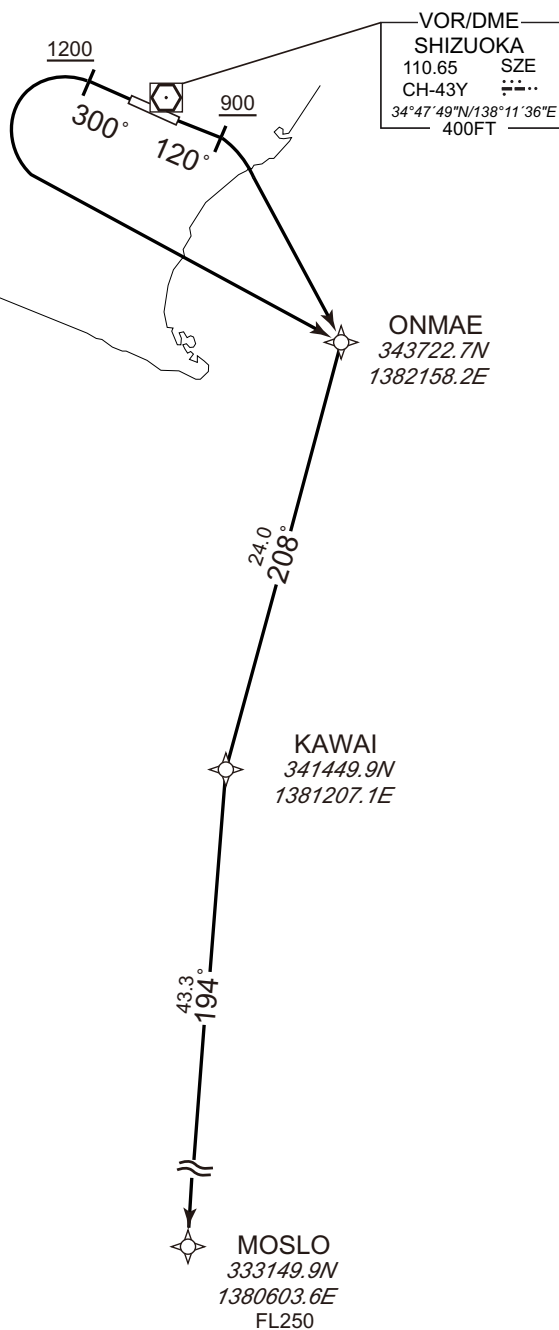
RNAV SID

MOSLO TWO DEPARTURE

Basic RNP1

NOTE GNSS required.

VAR 8°W (2022)



RWY12 : Climb on HDG120° at or above 900FT, turn right direct to ONMAE, to KAWAI, to MOSLO at or above FL250.

RWY30 : Climb on HDG300° at or above 1200FT, turn left direct to ONMAE, to KAWAI, to MOSLO at or above FL250.

NOTE RWY30 : 5.2% climb gradient required up to 1200FT.

OBST ALT 915FT located at 2.4NM 293° FM end of RWY30.

CHANGE : VAR. Course FM ONMAE to KAWAI. PROC renamed.

STANDARD DEPARTURE CHART- INSTRUMENT

RJNS / SHIZUOKA

RNAV SID

RWY12

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	—	—	120 (112.1)	-7.7	—	—	+900	—	—	Basic RNP1
002	DF	ONMAE	—	—	-7.7	—	R	—	—	—	Basic RNP1
003	TF	KAWAI	—	208 (199.9)	-7.7	24.0	—	—	—	—	Basic RNP1
004	TF	MOSLO	—	194 (186.7)	-7.7	43.3	—	+FL250	—	—	Basic RNP1

RWY30

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	—	—	300 (292.1)	-7.7	—	—	+1200	—	—	Basic RNP1
002	DF	ONMAE	—	—	-7.7	—	L	—	—	—	Basic RNP1
003	TF	KAWAI	—	208 (199.9)	-7.7	24.0	—	—	—	—	Basic RNP1
004	TF	MOSLO	—	194 (186.7)	-7.7	43.3	—	+FL250	—	—	Basic RNP1

CHANGE : VAR. Course FM ONMAE to KAWAI.

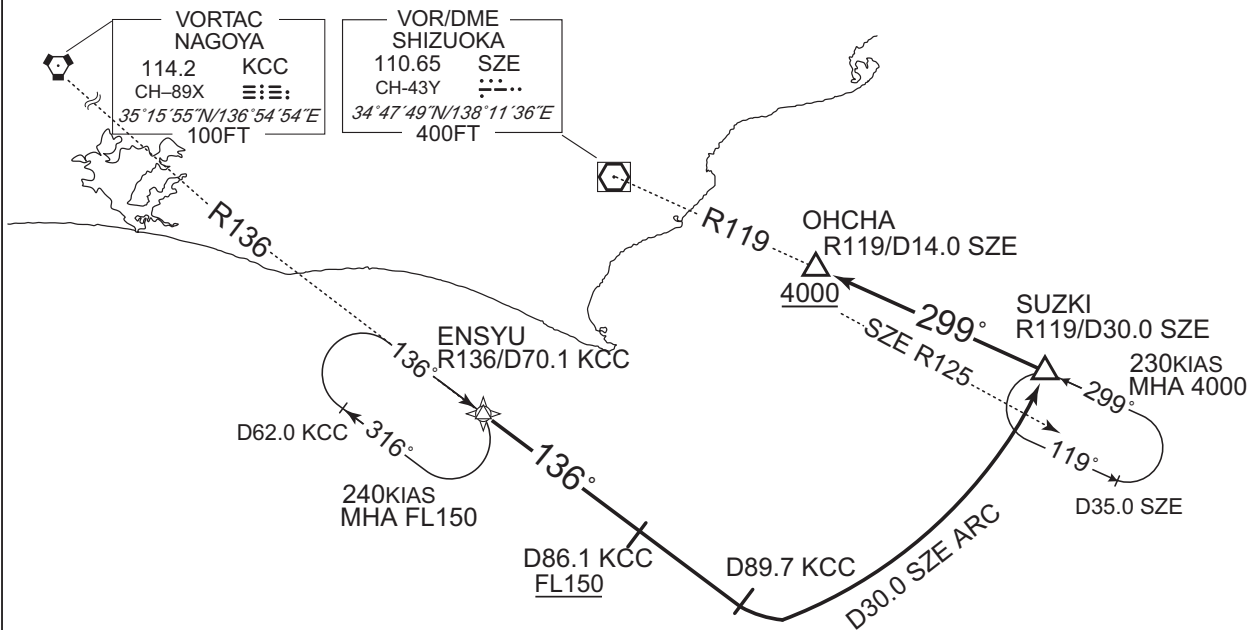
STANDARD ARRIVAL CHART- INSTRUMENT

RJNS / SHIZUOKA

STAR

ENSYU ARRIVAL

From over ENSYU, via KCC R136, via SZE 30.0DME counterclockwise ARC to SUZKI, via SZE R119 to OHCHA.
Cross KCC R136/86.1DME at or above FL150, cross OHCHA at or above 4000FT.



CHANGE : Description of PROC name.

STANDARD ARRIVAL CHART- INSTRUMENT

RJNS / SHIZUOKA

RNAV STAR

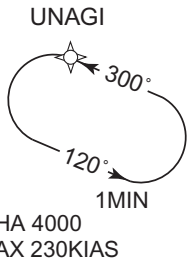
OHCHA ARRIVAL

Basic RNP1

Note GNSS required.

VAR 8°W (2022)

NOT TO SCALE



VOR/DME
SHIZUOKA
110.65 SZE
CH-43Y
34°47'49"N/138°11'36"E
400FT

SHIZUHAMA AD

OHCHA
344226.0N
1382716.6E
4000

8.4

300°

UNAGI
343915.8N
1383640.6E

ENSYU
343235.9N
1380202.5E



16.6

119°

AOIKU
342634.6N
1382046.5E
FL150



9.8

111°

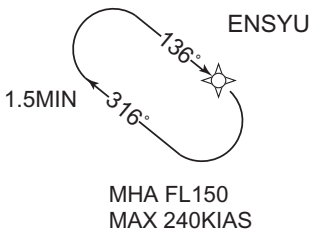
KOITO
342416.6N
1383217.3E



15.4

021°

NOT TO SCALE



CHANGE : VAR. PROC course. RNAV HLDG established(UNAGI, ENSYU). HLDG for NAVAIDS abolished(UNAGI, ENSYU, KOITO).

STANDARD ARRIVAL CHART- INSTRUMENT

RJNS / SHIZUOKA

RNAV STAR

From ENSYU, to AOIKU at or above FL150, to KOITO, to UNAGI, to OHCHA 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	ENSYU	—	—	-7.7	—	—	—	—	—	Basic RNP1
002	TF	AOIKU	—	119 (111.2)	-7.7	16.6	—	+FL150	—	—	Basic RNP1
003	TF	KOITO	—	111 (103.6)	-7.7	9.8	—	—	—	—	Basic RNP1
004	TF	UNAGI	—	021 (013.5)	-7.7	15.4	—	—	—	—	Basic RNP1
005	TF	OHCHA	—	300 (292.3)	-7.7	8.4	—	+4000	—	—	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	ENSYU	136 (127.8)	-7.7	1.5	R	FL150	—	-240	Basic RNP1
Hold	UNAGI	300 (292.7)	-7.7	1.0(-14000)	L	4000	FL140	-230(-14000)	Basic RNP1

CHANGE : VAR. PROC course. RNAV HLDG established(ENSYU, UNAGI).

STANDARD ARRIVAL CHART- INSTRUMENT

RJNS / SHIZUOKA

RNAV STAR

MOSLO ARRIVAL

Basic RNP1

Note GNSS required.

VAR 8°W (2022)

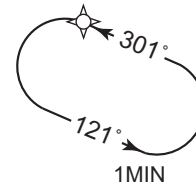
NOT TO SCALE

VOR/DME
SHIZUOKA
110.65 SZE
CH-43Y ---
34°47'49"N/138°11'36"E
400FT

SHIZUHAMADA

OHCHA
344226.0N
1382716.6E
4000

SUZKI

MHA 4000
MAX 230KIAS

SUZKI

343613.4N
1384513.4E

14.0
016°

TOROH

342221.0N
1384245.9E

26.4
081°

KAWAI

341449.9N
1381207.1E

43.3
014°

MOSLO

333149.9N
1380603.6E

CHANGE : VAR. Course FM SUZKI to OHCHA. RNAV HLDG established(SUZKI). HLDG for NAVAID abolished(SUZKI).

STANDARD ARRIVAL CHART- INSTRUMENT

RJNS / SHIZUOKA

RNAV STAR

From MOSLO, to KAWAI, to TOROH, to SUZKI, to OHCHA 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	MOSLO	—	—	-7.7	—	—	—	—	—	Basic RNP1
002	TF	KAWAI	—	014 (006.6)	-7.7	43.3	—	—	—	—	Basic RNP1
003	TF	TOROH	—	081 (073.3)	-7.7	26.4	—	—	—	—	Basic RNP1
004	TF	SUZKI	—	016 (008.3)	-7.7	14.0	—	—	—	—	Basic RNP1
005	TF	OHCHA	—	301 (292.9)	-7.7	16.0	—	+4000	—	—	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	SUZKI	301 (292.9)	-7.7	1.0(-14000)	L	4000	FL140	-230(-14000)	Basic RNP1

CHANGE : VAR. Course FM SUZKI to OHCHA. RNAV HLDG established(SUZKI).

RJNS / SHIZUOKA
ILS Z or LOC Z RWY30

TOKYO CONTROL
123.7 – 134.15
315.9 – 227.3

ILS - LOC
109.3 ISZ

SHIZUOKA RADIO
118.0 – 126.2

NO RADAR

VAR 8°W (2022)
MSA 25NM • 2898

EQPT REQUIRED
DME
VOR

VOR/DME SHIZUOKA
110.65 SZE
CH-43Y
34°47'49"N/138°11'36"E

OHCHA (IF)
D13.6 ISZ
R119/D14.0 SZE
MAX 230KIAS
MHA 4000
KAMRU(FAF) : 344434.84N/1382052.69E

MAPt
-

1 729
2 1048
3 1367
4 1685
5 2004
6 2322
7 2641
FAF 2941

NM to ISZ
ALT (3.0° APCH Path)

MISSED APPROACH

Climb on HDG300° to 1200FT, turn left climb to 4000FT via HDG115° to intercept and proceed via SZE R160, then via SZE 14.0DME counterclockwise ARC to OHCHA and hold.

Contact SHIZUOKA RADIO.

Timing not authorized for defining the MAPt

SZE
KAMRU (FAF) 3000
2941(LOC)
OHCHA (IF) 4000
1300 (887)

DME to ISZ	0.2	0.6	0.8	7.9	13.6
NM to THR	0	0.5	0.7	7.8	13.4

Missed APCH climb gradient MNM 3.0%

MINIMA		THR elev. 413		AD elev. 433		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	613 (200)	550	670 (257)	800	900 (467)	1600
B					970 (537)	
C					1060 (627)	
D					1200	
					1210 (777)	3200

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

Circling to **SOUTH** side of RWY only.

INSTRUMENT APPROACH CHART

RJNS / SHIZUOKA

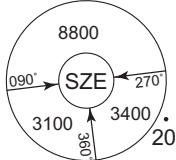
ILS Y or LOC Y RWY30

TOKYO CONTROL
123.7 – 134.15
315.9 – 227.3ILS - LOC
109.3 ISZ
ILS - GP 332
ILS - DME CH-30XSHIZUOKA RADIO
118.0 – 126.2

NO RADAR

VAR 8°W (2022)

MSA 25NM • 2898

EQPT REQUIRED
DME
VORVOR/DME
SHIZUOKA
110.65 SZE
CH-43Y
34°47'49"N/138°11'36"E

MAX 230KIAS

MHA 7000

SHIZUHAMADA

MAPt(LOC)

D0.6 ISZ

KAMRU (FAF)

D7.9 ISZ

HDG115°

R160

300°

141°

160°

Turn initiation within

D13.0 SZE

D14.0 SZE

ARC

KAMRU(FAF) : 344434.84N/1382052.69E

MAX 230KIAS

MHA 4000

R119/D14.0 SZE

OHCHA

D14.0 SZE

D20.0 SZE

119°

299°

ARC

MAPt

1

729

2

1048

3

1367

4

1685

5

2004

6

2322

7

2641

FAF

2941

NM to ISZ

ALT (3.0° APCH Path)

MISSED APPROACH

Climb on HDG300° to 1200FT, turn left
climb to 4000FT via HDG115° to
intercept and proceed via SZE R160,
then via SZE 14.0DME
counterclockwise ARC to OHCHA
and hold.

Contact SHIZUOKA RADIO.

Timing not authorized for defining the MAPt

DME to ISZ

NM to THR

Missed APCH climb gradient MNM 3.0%

MINIMA

THR elev. 413

AD elev. 433

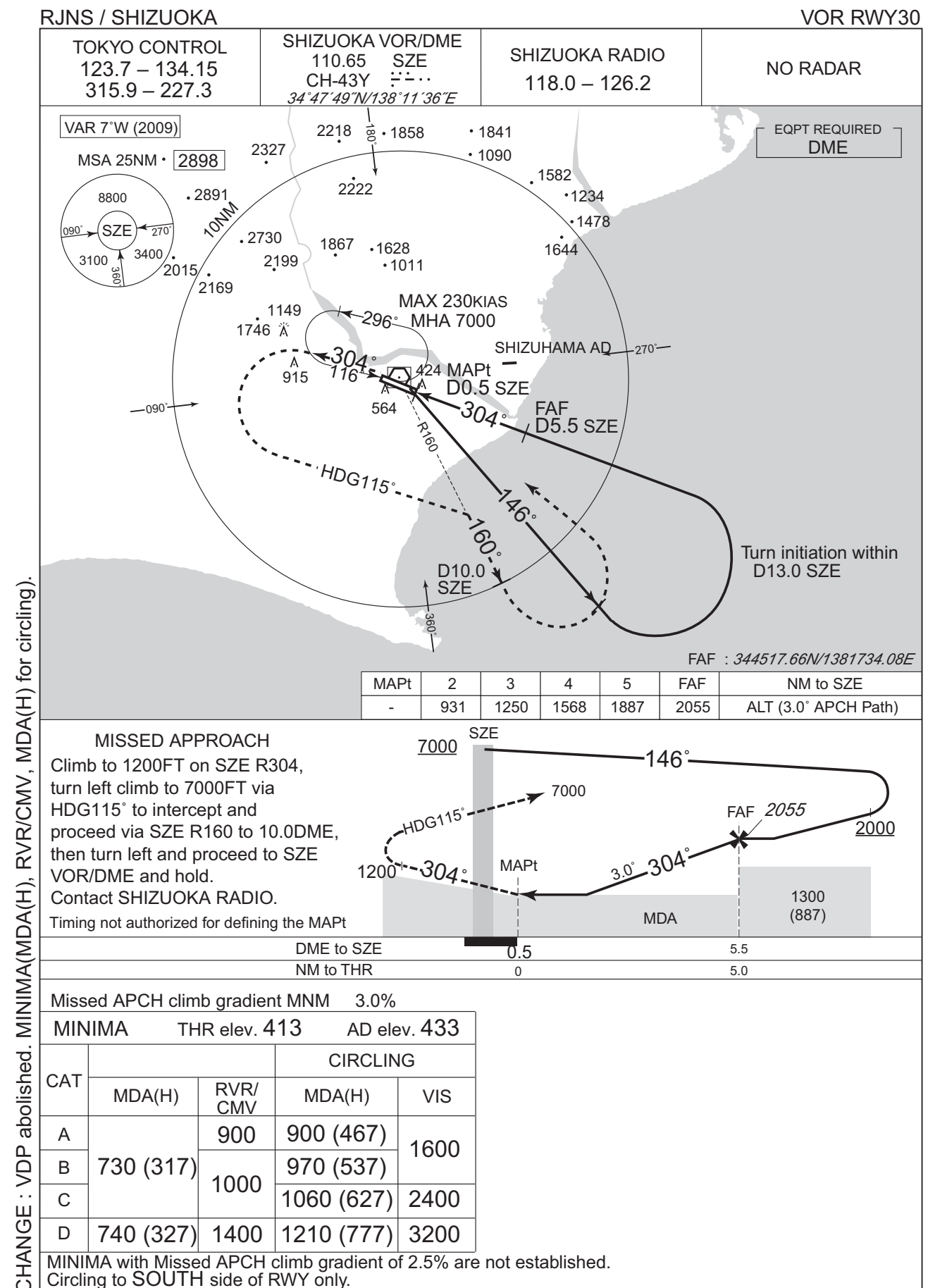
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	613 (200)	550	670 (257)	800	900 (467)	1600
B					970 (537)	
C					1060 (627)	2400
D					1200	1210 (777) 3200

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

Circling to SOUTH side of RWY only.

CHANGE : VAR. PROC course. KAMRU established. ALT(3.0° APCH Path). Missed APCH. DME to ISZ. NM to THR.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

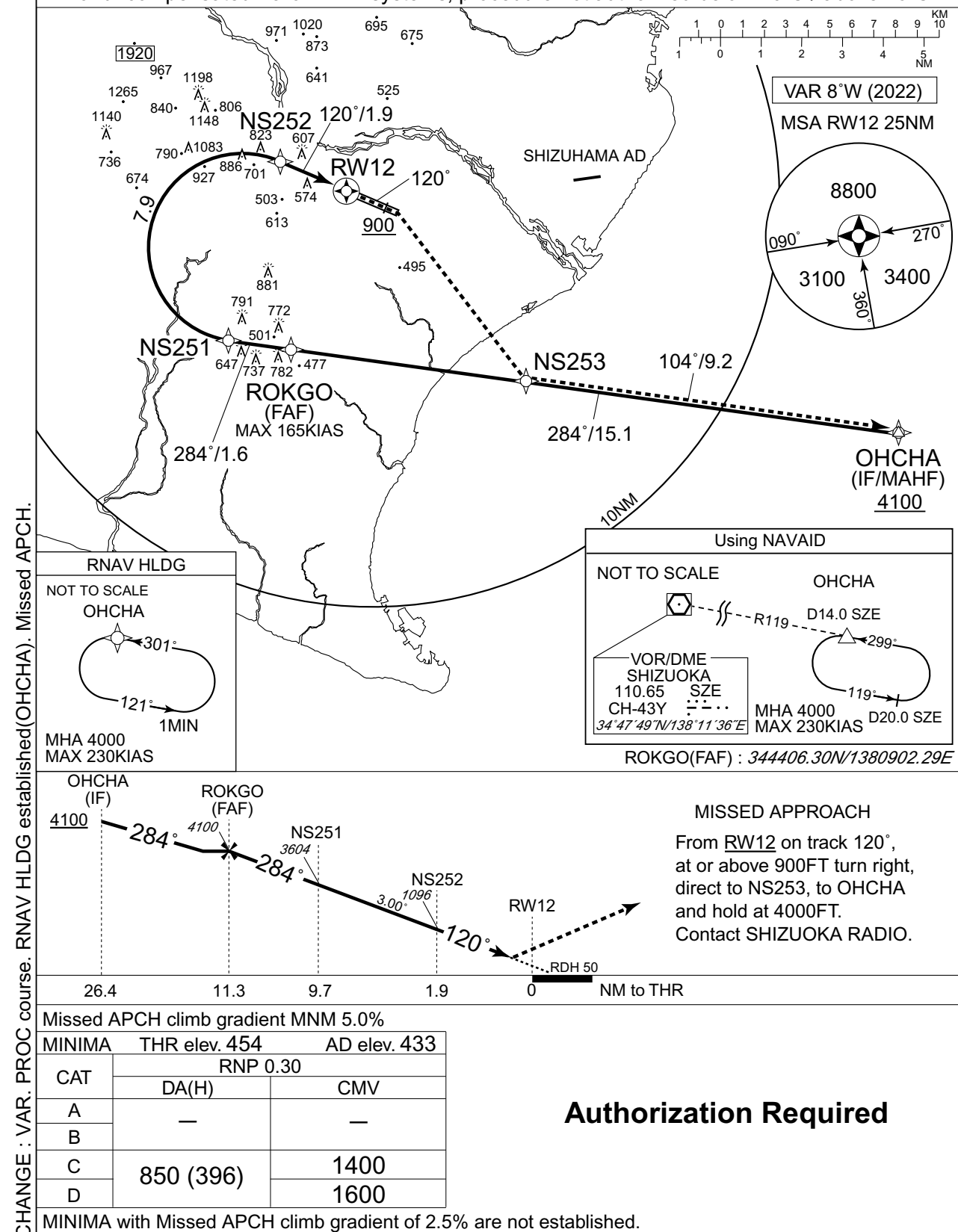
RJNS / SHIZUOKA

RNP RWY12(AR)

TOKYO CONTROL
123.7 – 134.15
315.9 – 227.3RNP AR
RF requiredSHIZUOKA RADIO
118.0 – 126.2

NO RADAR

For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C

**Authorization Required**

INSTRUMENT APPROACH CHART

RJNS / SHIZUOKA

RNP RWY12(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	OHCHA	—	—	-7.7	—	—	+4100	—	—	—
002	TF	ROKGO	—	284 (276.5)	-7.7	15.1	—	4100	-165	—	1.0
003	TF	NS251	—	284 (276.3)	-7.7	1.6	—	3604	—	-3.00	0.3
004	RF Center: NSRF1 r=2.31NM	NS252	—	—	-7.7	7.9	R	1096	—	-3.00	0.3
005	TF	RW12	Y	120 (112.1)	-7.7	1.9	—	504	—	-3.00/50	0.3
006	FA	—	—	120 (112.1)	-7.7	—	—	+900	—	—	1.0
007	DF	NS253	—	—	-7.7	—	R	—	—	—	1.0
008	TF	OHCHA	—	104 (096.3)	-7.7	9.2	—	4000	—	—	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	OHCHA	301 (292.8)	-7.7	1.0(-14000)	L	4000	FL140	-230(-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
OHCHA	344225.96N/1382716.61E	NSRF1	344634.15N/1380727.94E
ROKGO	344406.30N/1380902.29E		
NS251	344416.46N/1380709.72E		
NS252	344842.61N/1380830.75E		
RW12	344800.73N/1381036.52E		
NS253	344327.55N/1381608.53E		

CHANGE : VAR. PROC course. RNAV HLDG established(OHCHA).

RJNS / SHIZUOKA

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).

RJNS / SHIZUOKA

Visual REP

Call sign	BRG / DIST from ARP	Remarks
島 田 Simada	337°T/ 2.4NM	島田駅 JR station
新東名ブリッジ Shin Tomei Bridge	323°T/ 4.7NM	大井川上空 橋 (新東名高速道路) The bridge over OHI-GAWA river (Shin TOMEI Expressway)
掛 川 Kakegawa	261°T/ 8.9NM	掛川駅 JR station
菊 川 Kikugawa	245°T/ 5.8NM	菊川インターチェンジ Interchange
大 東 Daito	216°T/10.9NM	菊川河口 KIKU-GAWA river mouth
牧之原サービスエリア Makinohara Service Area	213°T/ 2.6NM	高速道路サービスエリア Rest area on TOMEI Expressway
御 前 崎 Omaezaki	172°T/11.8NM	灯台 Light house
相良ポート Sagara Port	172°T/ 6.4NM	港 Port



RJNS / SHIZUOKA

LDG CHART

静岡空港における標準VFR発着経路及び場周経路について

静岡空港を出発／到着するVFRによる航空機は、隣接する静岡飛行場の航空機との輻輳を避けるため、安全上やむを得ない場合を除き、下記のルートを飛行すること。

また、場周経路は、回転翼航空機を除き、原則として南側を使用すること。

回転翼航空機が北側の場周経路を使用する場合は、静岡管制圏に入域しないよう留意すること。

1. NORTH DEPARTURE/ARRIVAL

静岡空港の北側への出発は（滑走路12側からの出発は、右旋回）、JR東海道在来線の橋梁を経由し、SHIMADA又はSHIN TOMEI BRIDGEへ飛行すること。

静岡空港の北側からの到着は、SHIMADA又はSHIN TOMEI BRIDGEからJR東海道在来線の橋梁を経由し、南側場周経路へ飛行すること。

なお、SHIMADA上空の通過高度は、1,500フィートとすること。

2. SHIMADA DEPARTURE/ARRIVAL(FOR HELICOPTER)

回転翼航空機が北側場周経路を使用する場合は、蓬萊橋（木製）の西側を経由してSHIMADAへ若しくはSHIMADAから飛行すること。

北側場周経路は、滑走路中心線から1km以内とし、誘導路T5真横の滑走路に着陸するように場周経路を設定すること。

なお、SHIMADA上空の通過高度は、1,500フィートとすること。

3. SOUTH DEPARTURE/ARRIVAL

静岡空港の南側への出発は、スズキ自動車テストコースの南端を経由し、SAGARA PORT又はDAITOへ飛行すること。

静岡空港の南側からの到着は、SAGARA PORT又はDAITOからMAKINOHARA SERVICE AREAを経由して南側場周経路へ飛行すること。

なお、MAKINOHARA SERVICE AREA上空の通過高度は、1,700フィートとすること。

4. WEST DEPARTURE/ARRIVAL

静岡空港の西側への出発は、東海道新幹線沿いに西側へ飛行し、菊川カントリークラブを経由しKIKUGAWA 又はKAKEGAWA へ飛行すること。

静岡空港の西側からの到着は、KIKUGAWA又はKAKEGAWA から東名高速道路沿いに飛行し、MAKINOHARA SERVICE AREAを経由して南側場周経路へ飛行すること。

なお、MAKINOHARA SERVICE AREA上空の通過高度は、1,700フィートとすること。

RJNS / SHIZUOKA

LDG CHART

Standard VFR Procedures and Traffic Pattern of Shizuoka Airport

VFR Aircraft departing from/arriving at Shizuoka Airport is primarily requested to fly as follows due to avoid congestion with traffic of Shizuhamada AD.

VFR Aircraft should make using South-traffic pattern except Helicopter.

When Helicopter make using North-traffic pattern, it should pay enough attention to keep out of Shizuhamada CTR.

1. NORTH DEPARTURE/ARRIVAL

In case of departing from Shizuoka Airport(Right turn after take-off from RWY 12) to North Side, VFR Aircraft is requested to fly to SHIMADA or SHIN TOMEI BRIDGE via the bridge of JR Tokaido Line.

In case of arriving at Shizuoka Airport from North Side, VFR Aircraft is requested to fly from SHIMADA or SHIN TOMEI BRIDGE via the bridge of JR Tokaido Line then proceed to South-Traffic pattern.

Cross SHIMADA at 1,500 feet.

2. SHIMADA DEPARTURE/ARRIVAL(for Helicopter)

When Helicopter make using North-traffic pattern, it is requested to fly to/from SHIMADA via West side of Horai Bridge(Wooden Bridge).

Cross SHIMADA at 1,500 feet.

Helicopter should land abeam T5 TWY on the RWY via North-traffic pattern(within 1 km from RWY Center Line).

3. SOUTH DEPARTURE/ARRIVAL

In case of departing from Shizuoka Airport to South Side, VFR Aircraft is requested to fly to SAGARA PORT or DAITO via south edge of testing circuit at Suzuki Motor CO Ltd.

In case of arriving at Shizuoka Airport from South Side, VFR Aircraft is requested to fly from SAGARA PORT or DAITO via MAKINOHARA SERVICE AREA.

Cross MAKINOHARA SERVICE AREA at 1,700 feet.

4. WEST DEPARTURE/ARRIVAL

In case of departing from Shizuoka Airport to West side, VFR aircraft is requested to fly westbound along Tokaido-Shinkansen to Kikugawa CC then proceed to KIKUGAWA or KAKEGAWA.

In case of arriving at Shizuoka Airport from West side, VFR aircraft is requested to fly along Tomei Expressway from KIKUGAWA or KAKEGAWA via MAKINOHARA SERVICE AREA.

Cross MAKINOHARA SERVICE AREA at 1,700 feet.

RJNS / SHIZUOKA

Minimum Vectoring Altitude CHART

