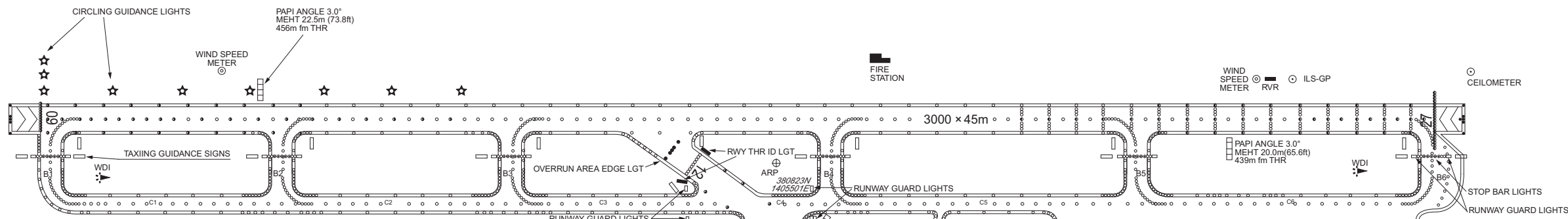
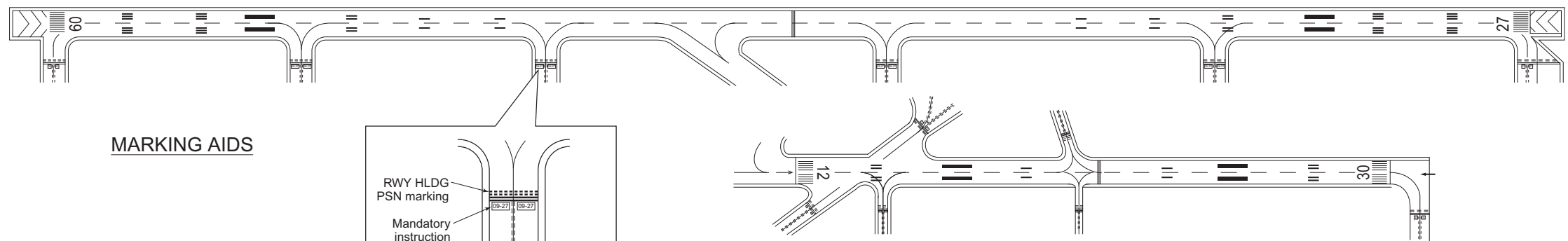
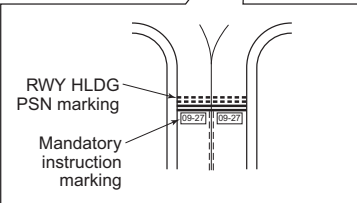


AERODROME CHART

SENDAI AIRPORT
ELEV 1.7m(5.6ft)

JAR9 W/2024
ANNUAL CHANGE 4. N

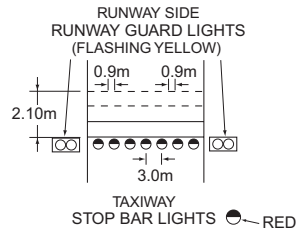
MARKING AIDS



RUNWAY-HOLDING POSITION MARKINGS
and STOP BAR LIGHTS

Runway-holding position markings and Stop bar lights are located on taxiway B1 through B6; their locations are 75m off the runway centerline of RWY 09/27.

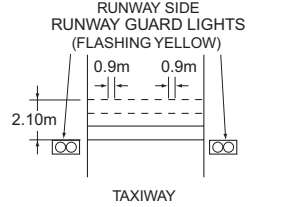
COMMON WAYS OF ITS MARKINGS AND LIGHTS



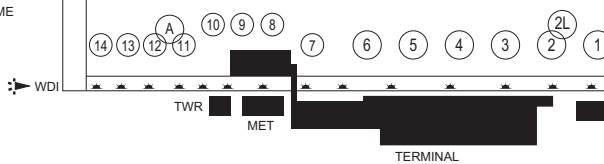
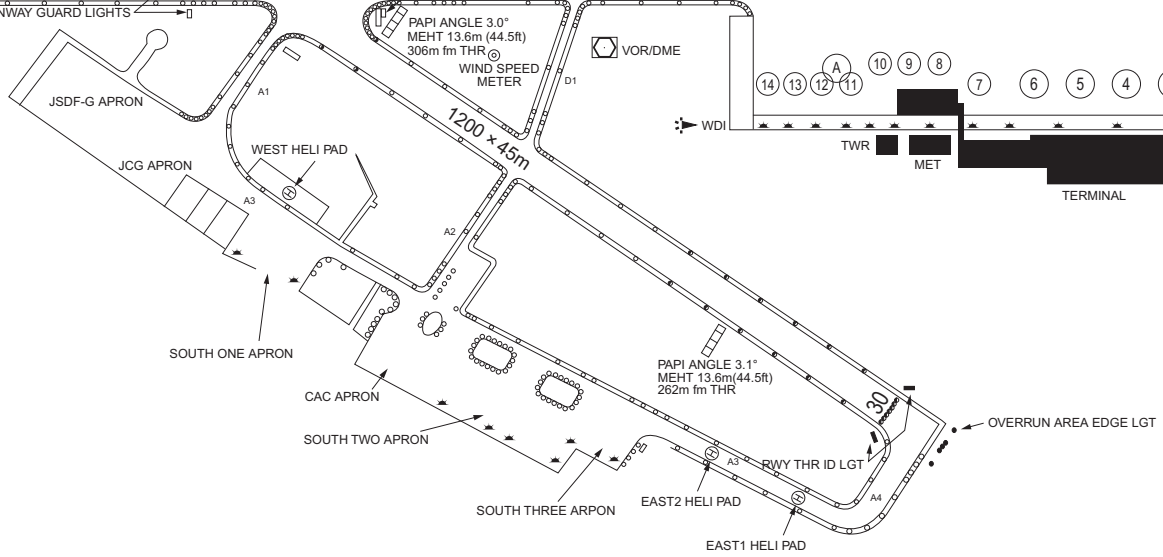
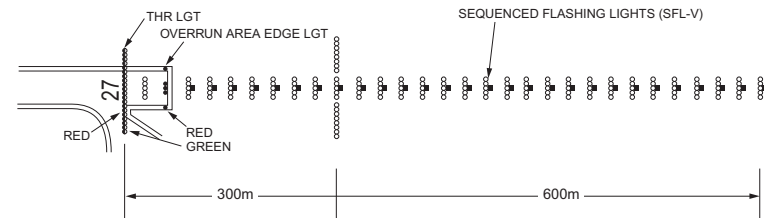
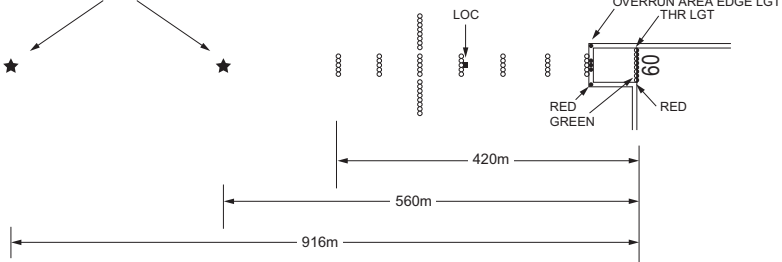
RUNWAY-HOLDING POSITION MARKINGS
and RUNWAY GUARD LIGHTS

Runway-holding position markings and Runway guard lights are located on taxiway C3 and C4; their locations are 75m off the runway centerline of RWY 12/30.

COMMON WAYS OF ITS MARKINGS AND LIGHTS



APPROACH LGT BEACON

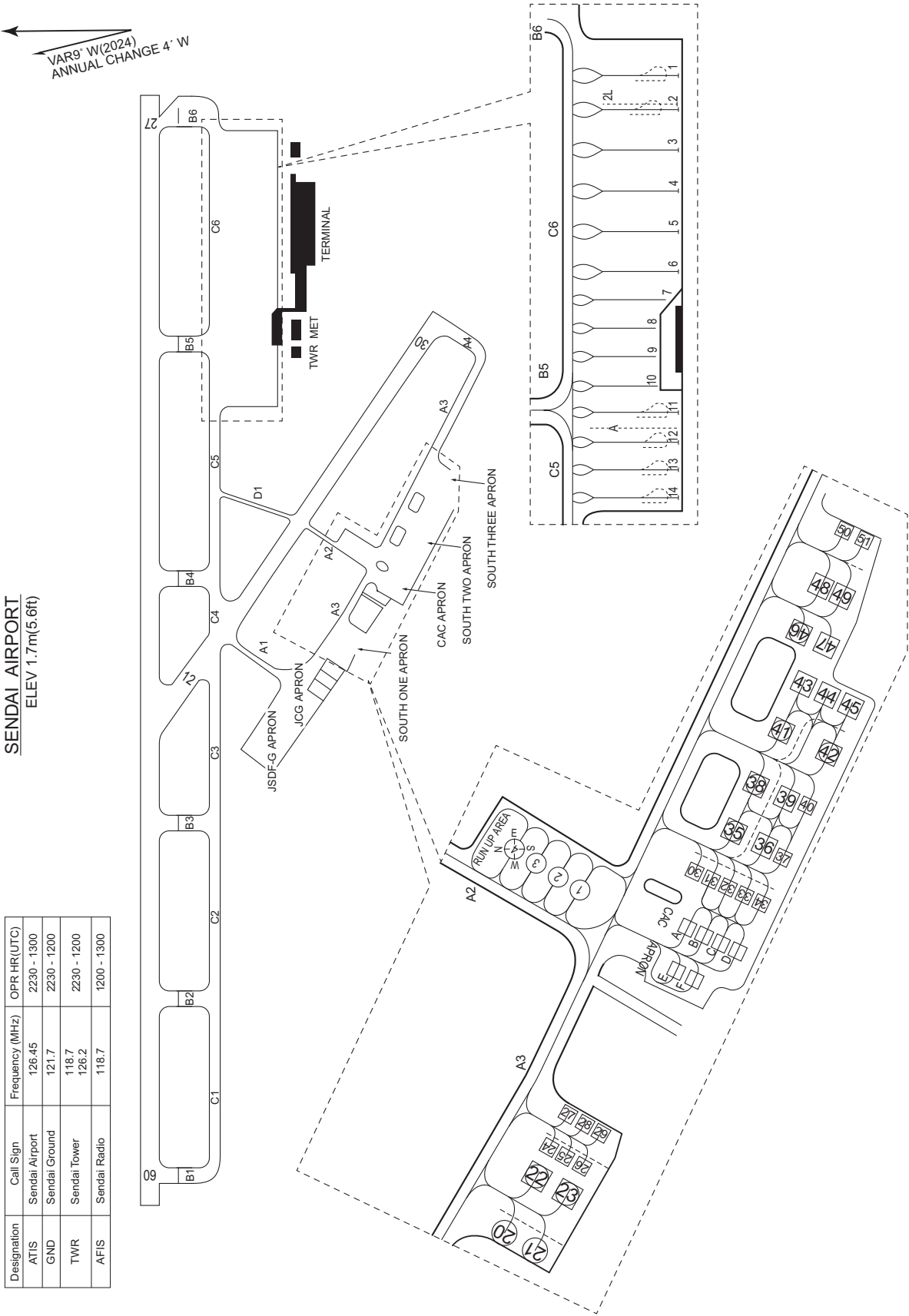


CHANGE : AIS abolished.

CHANGE : AIS abolished.

Designation	Call Sign	Frequency (MHz)	OPR HR(UTC)
ATIS	Sendai Airport	126.45	2230 - 1300
GND	Sendai Ground	121.7	2230 - 1200
TWR	Sendai Tower	118.7 126.2	2230 - 1200
AFIS	Sendai Radio	118.7	1200 - 1300

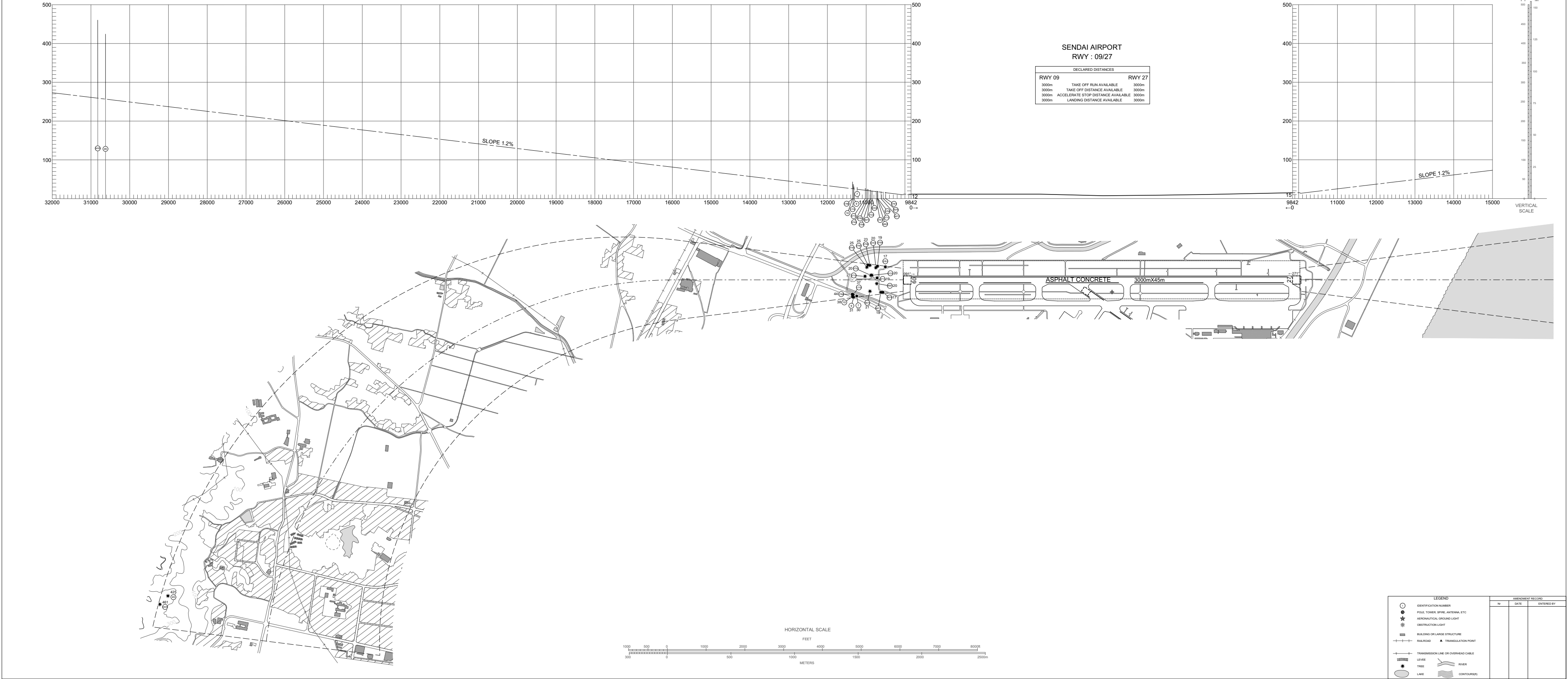
SENDAI AIRPORT
ELEV 1.7m(5.6ft)



DIMENSIONS AND ELEVATIONS IN FEET, BEARINGS ARE MAGNETIC
Transverse Mercator Projection

AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

MAGNETIC VARIATION 8° W-MAR 2025



DIMENSIONS AND ELEVATIONS IN FEET, BEARINGS ARE MAGNETIC
Transverse Mercator Projection



RJSS / SENDAI

SID

RWY 09 : Climb RWY HDG to SDE 3.4DME (2.8NM FM DER), turn right to intercept and proceed...

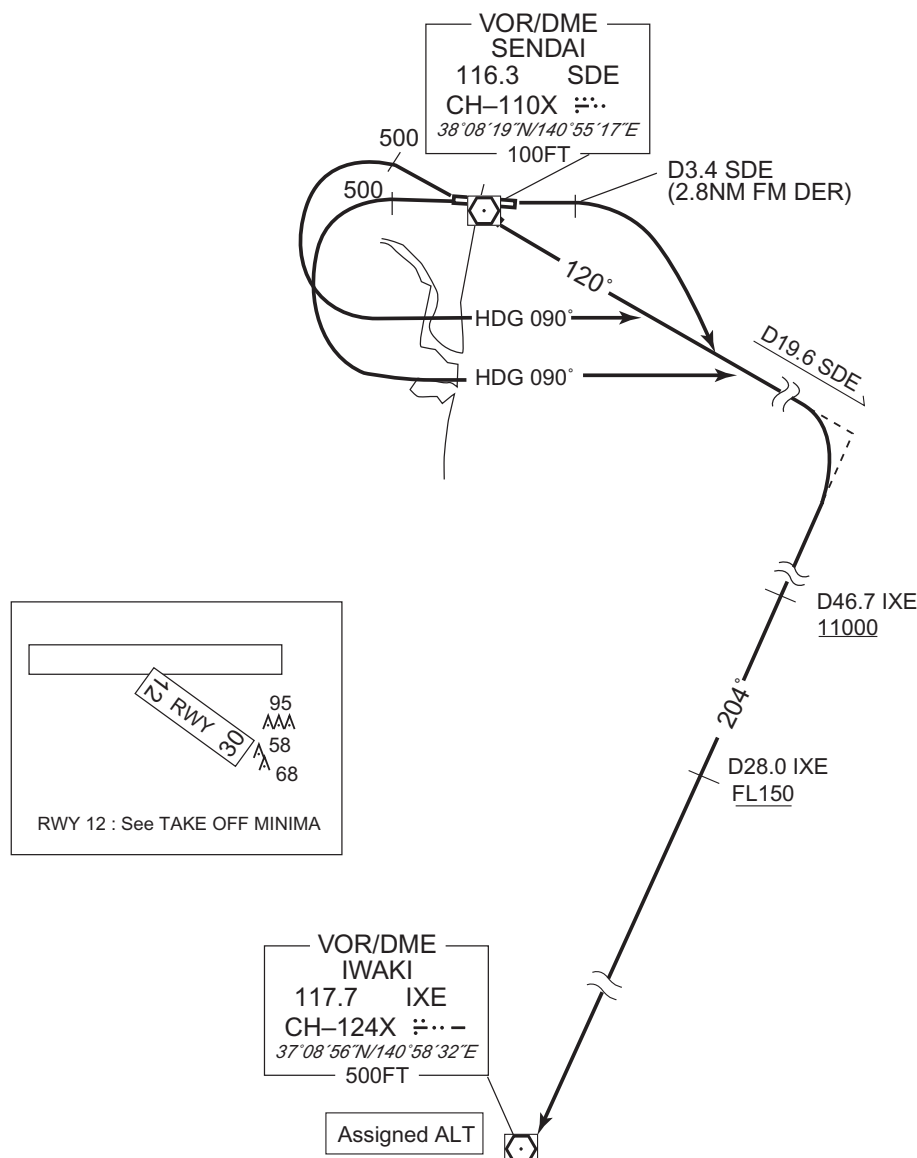
RWY 27 : Climb RWY HDG to 500FT, turn left HDG 090° to intercept and proceed...

Cross IXE R024/46.7DME at or above 11000FT, cross IXE R024/28.0DME at or above FL150, cross IXE VOR/DME at assigned altitude.

Note RWY 09 : 5.0% climb gradient required up to 500FT.
OBST ALT 62FT located at 0.2NM 102° FM end of RWY09.

RWY 27 : 5.0% climb gradient required up to 1000FT.
OBST ALT 919FT located at 4.1NM 269° FM end of RWY27.

RWY 30 : 5.0% climb gradient required up to 1200FT.
OBST ALT 1181FT located at 5.3NM 283° FM end of RWY30.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART-INSTRUMENT

RJSS / SENDAI

SID

SENDAI REVERSAL SIX DEPARTURE

RWY 09 : Climb RWY HDG to SDE 3.4DME (2.8NM fm DER), turn right to intercept and proceed...

RWY 12 : Climb ...

RWY 27 : Climb RWY HDG to 500FT, turn left HDG 090° to intercept and proceed...

RWY 30 : Climb RWY HDG to 500FT, turn left HDG 090° to intercept and proceed...
...via SDE R120 to 10.0DME, turn right, direct to SDE VOR/DME.

Cross SDE VOR/DME at or above 7000FT(*).

* In case of proceeding to IXE VOR/DME : Cross SDE VOR/DME at or above 5000FT.

In case of proceeding to FKE VOR/DME : Cross SDE VOR/DME at or above 6000FT.

Note RWY 09 : 5.0% climb gradient required up to 500FT.

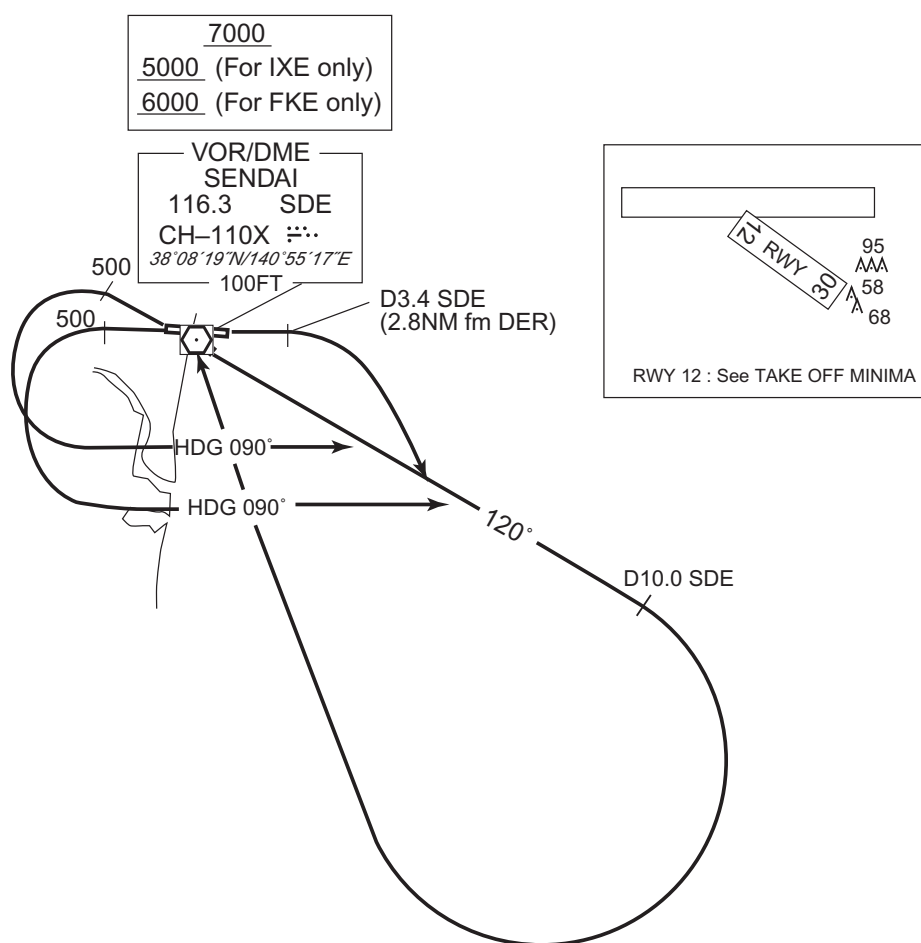
OBST ALT 62FT located at 0.2NM 102° FM end of RWY09.

RWY 27 : 5.0% climb gradient required up to 1000FT.

OBST ALT 919FT located at 4.1NM 269° FM end of RWY27.

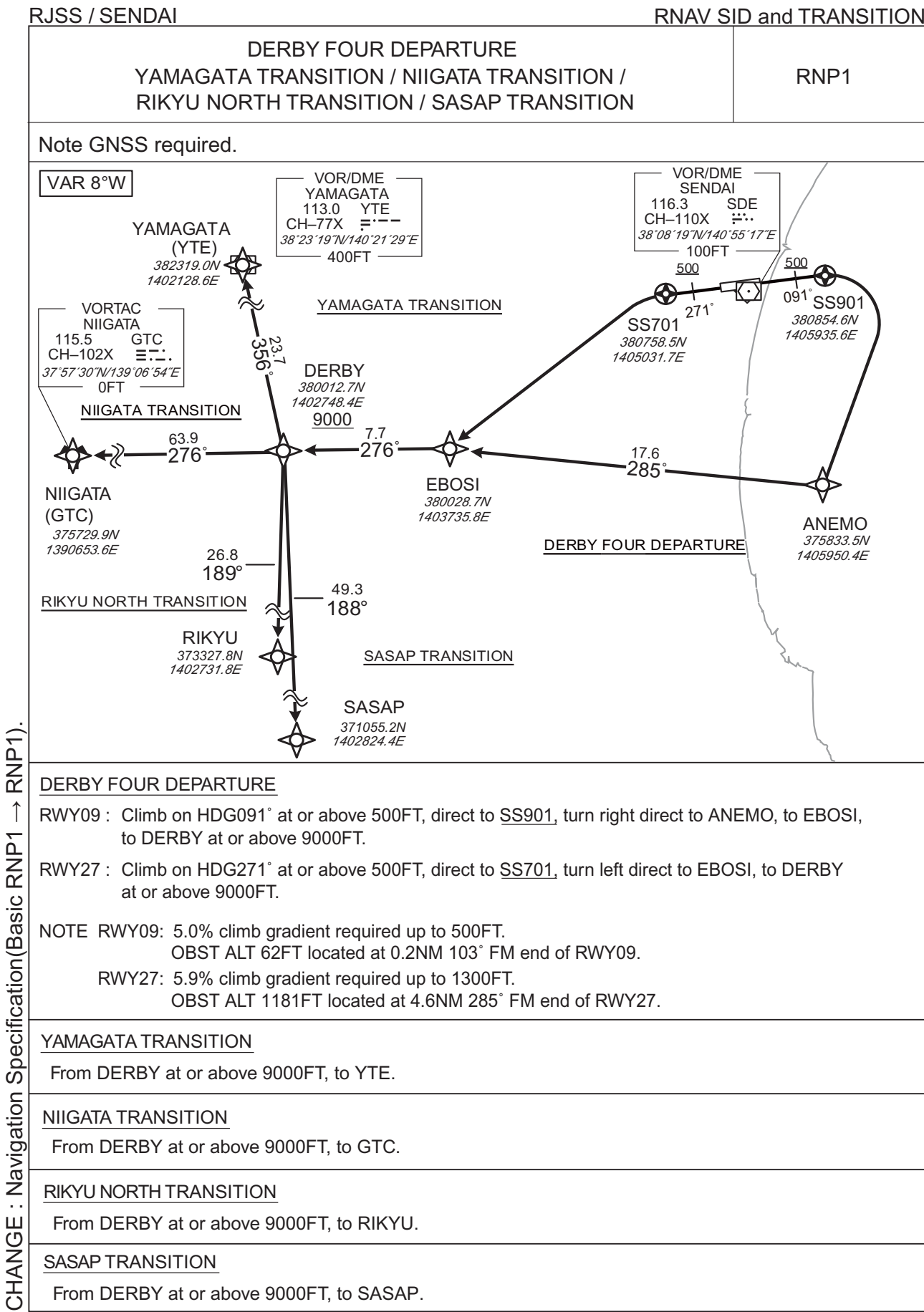
RWY 30 : 5.0% climb gradient required up to 1200FT.

OBST ALT 1181FT located at 5.3NM 283° FM end of RWY30.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJSS / SENDAI

RNAV SID and TRANSITION

DERBY FOUR DEPARTURE											
RWY09											
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	-	-	091 (082.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	SS901	Y	-	-8.3	-	-	-	-	-	RNP1
003	DF	ANEMO	-	-	-8.3	-	R	-	-	-	RNP1
004	TF	EBOSI	-	285 (276.4)	-8.3	17.6	-	-	-	-	RNP1
005	TF	DERBY	-	276 (268.1)	-8.3	7.7	-	+9000	-	-	RNP1
RWY27											
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	-	-	271 (262.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	SS701	Y	-	-8.3	-	-	-	-	-	RNP1
003	DF	EBOSI	-	-	-8.3	-	L	-	-	-	RNP1
004	TF	DERBY	-	276 (268.1)	-8.3	7.7	-	+9000	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART - INSTRUMENT

RJSS / SENDAI

RNAV SID and TRANSITION

YAMAGATA 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	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	YTE	-	356 (347.9)	-8.3	23.7	-	-	-	-	RNP1

NIIGATA 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	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	GTC	-	276 (268.0)	-8.3	63.9	-	-	-	-	RNP1

RIKYU NORTH TRANSITION

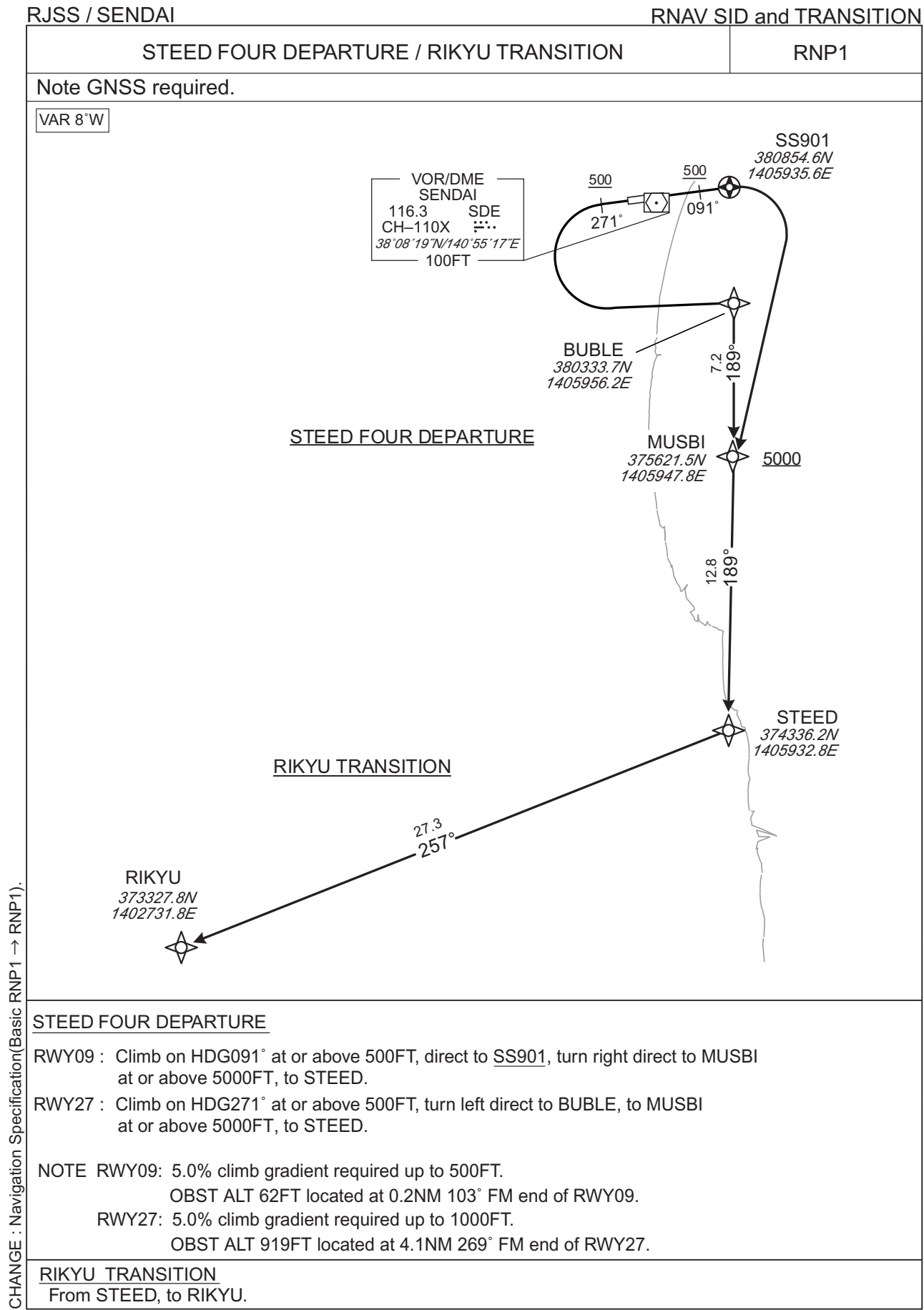
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	RIKYU	-	189 (180.5)	-8.3	26.8	-	-	-	-	RNP1

SASAP 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	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	SASAP	-	188 (179.4)	-8.3	49.3	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART - INSTRUMENT



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART - INSTRUMENT

RJSS / SENDAI

RNAV SID and TRANSITION

STEED FOUR DEPARTURE

RWY09

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	-	-	091 (082.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	SS901	Y	-	-8.3	-	-	-	-	-	RNP1
003	DF	MUSBI	-	-	-8.3	-	R	+5000	-	-	RNP1
004	TF	STEED	-	189 (180.9)	-8.3	12.8	-	-	-	-	RNP1

RWY27

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	-	-	271 (262.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	BUBLE	-	-	-8.3	-	L	-	-	-	RNP1
003	TF	MUSBI	-	189 (180.9)	-8.3	7.2	-	+5000	-	-	RNP1
004	TF	STEED	-	189 (180.9)	-8.3	12.8	-	-	-	-	RNP1

RIKYU 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	STEED	-	-	-8.3	-	-	-	-	-	RNP1
002	TF	RIKYU	-	257 (248.4)	-8.3	27.3	-	-	-	-	RNP1

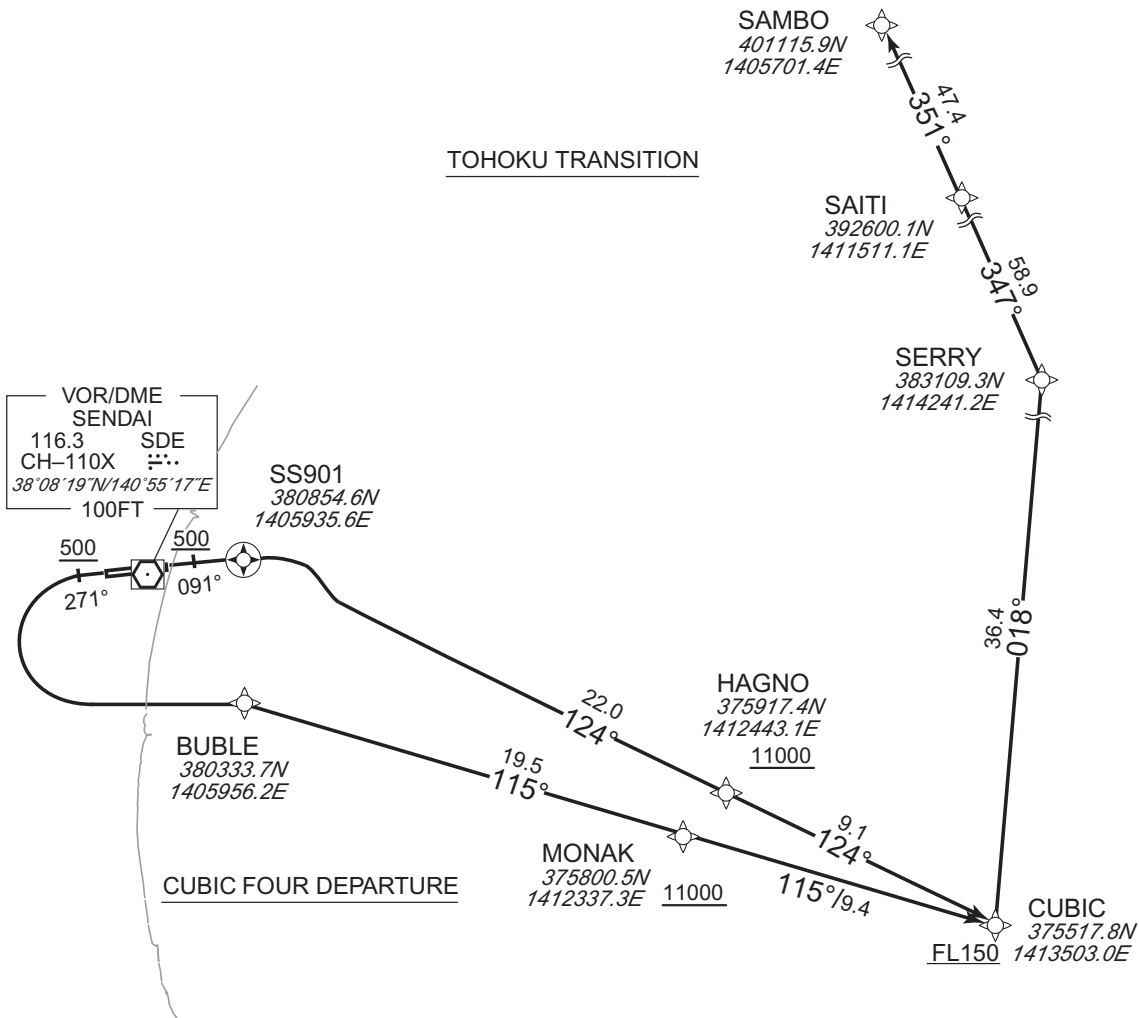
CHANGE : Navigation Specification(Basic RNP1 → RNP1).

RJSS / SENDAI

CUBIC FOUR DEPARTURE / TOHOKU TRANSITION

RNP1

VAR 8°W



RWY09 : Climb on HDG091° at or above 500FT, direct to SS901, to HAGNO at or above 11000FT, to CUBIC at or above FL150.

RWY27 : Climb on HDG271° at or above 500FT, turn left direct to BUBLE, to MONAK at or above 11000FT, to CUBIC at or above FL150.

NOTE RWY09: 5.0% climb gradient required up to 500FT.

OBST ALT 62FT located at 0.2NM 103° FM end of RWY09.

RWY27: 5.0% climb gradient required up to 1000FT.

OBST ALT 919FT located at 4.1NM 269° FM end of RWY27.

From CUBIC at or above FL150, to SERRY, to SAITI, to SAMBO.

CHANGE : Navigation Specification(Basic RNP1 \rightarrow RNP1).

STANDARD DEPARTURE CHART - INSTRUMENT

RJSS / SENDAI

RNAV SID and TRANSITION

CUBIC FOUR DEPARTURE											
RWY09											
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	-	-	091 (082.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	SS901	Y	-	-8.3	-	-	-	-	-	RNP1
003	TF	HAGNO	-	124 (115.8)	-8.3	22.0	-	+11000	-	-	RNP1
004	TF	CUBIC	-	124 (116.1)	-8.3	9.1	-	+FL150	-	-	RNP1
RWY27											
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	-	-	271 (262.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	BUBLE	-	-	-8.3	-	L	-	-	-	RNP1
003	TF	MONAK	-	115 (106.4)	-8.3	19.5	-	+11000	-	-	RNP1
004	TF	CUBIC	-	115 (106.7)	-8.3	9.4	-	+FL150	-	-	RNP1
TOHOKU 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	CUBIC	-	-	-8.3	-	-	+FL150	-	-	RNP1
002	TF	SERRY	-	018 (009.5)	-8.3	36.4	-	-	-	-	RNP1
003	TF	SAITI	-	347 (338.8)	-8.3	58.9	-	-	-	-	RNP1
004	TF	SAMBO	-	351 (343.0)	-8.3	47.4	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART-INSTRUMENT

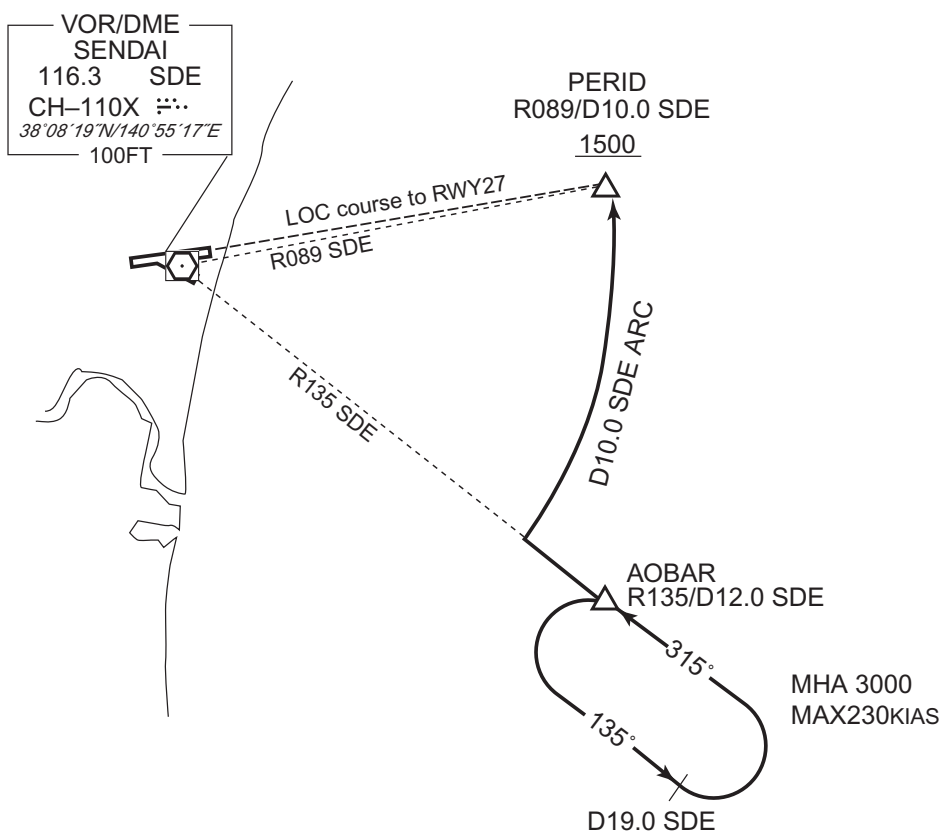
RJSS / SENDAI

STAR

PERID ARRIVAL

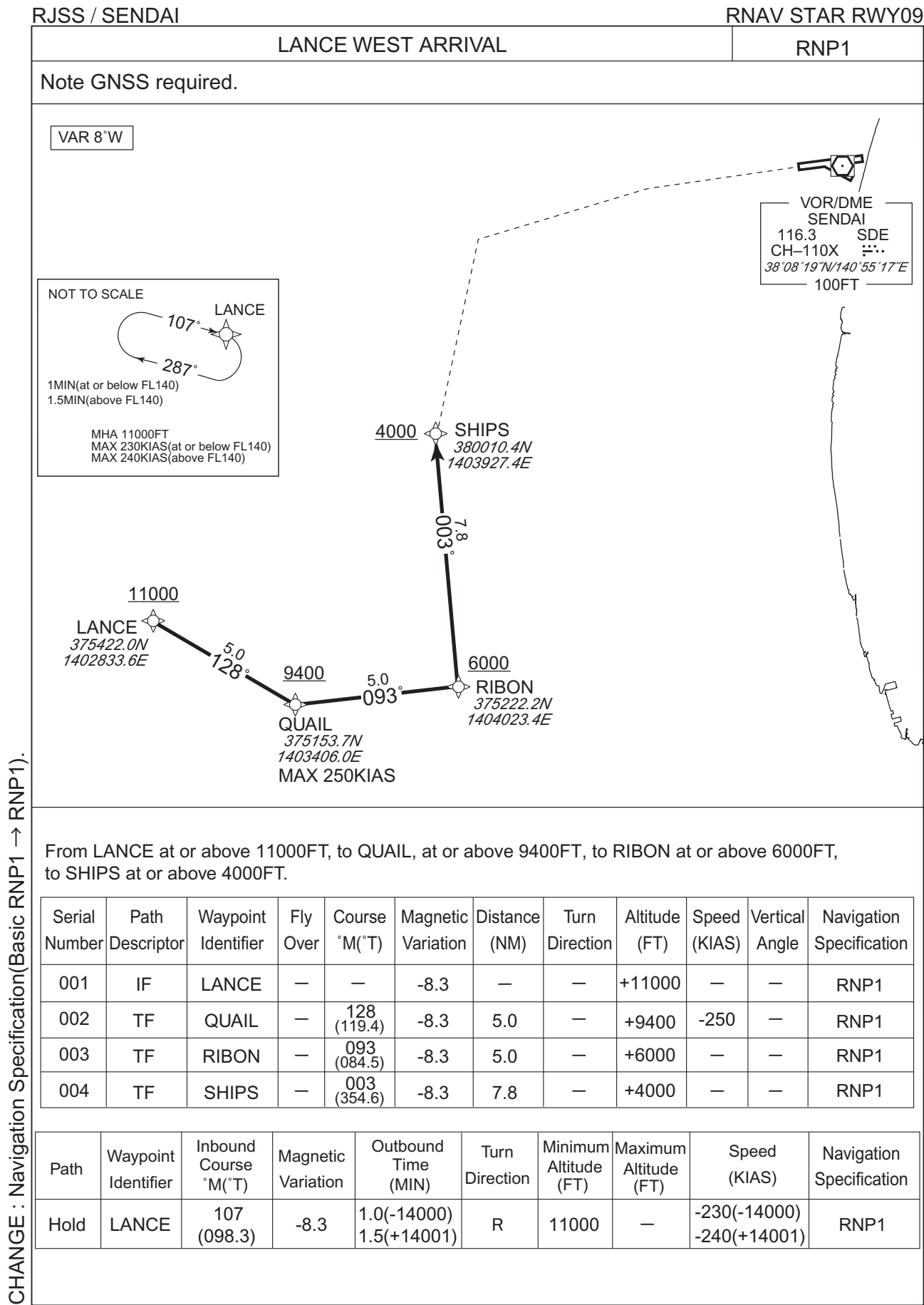
From over AOBAR, via SDE R135 to intercept and proceed via SDE 10.0DME counterclockwise ARC to PERID.

Cross PERID at or above 1500FT.



CHANGE : HLDG abolished(PERID).

STANDARD ARRIVAL CHART - INSTRUMENT

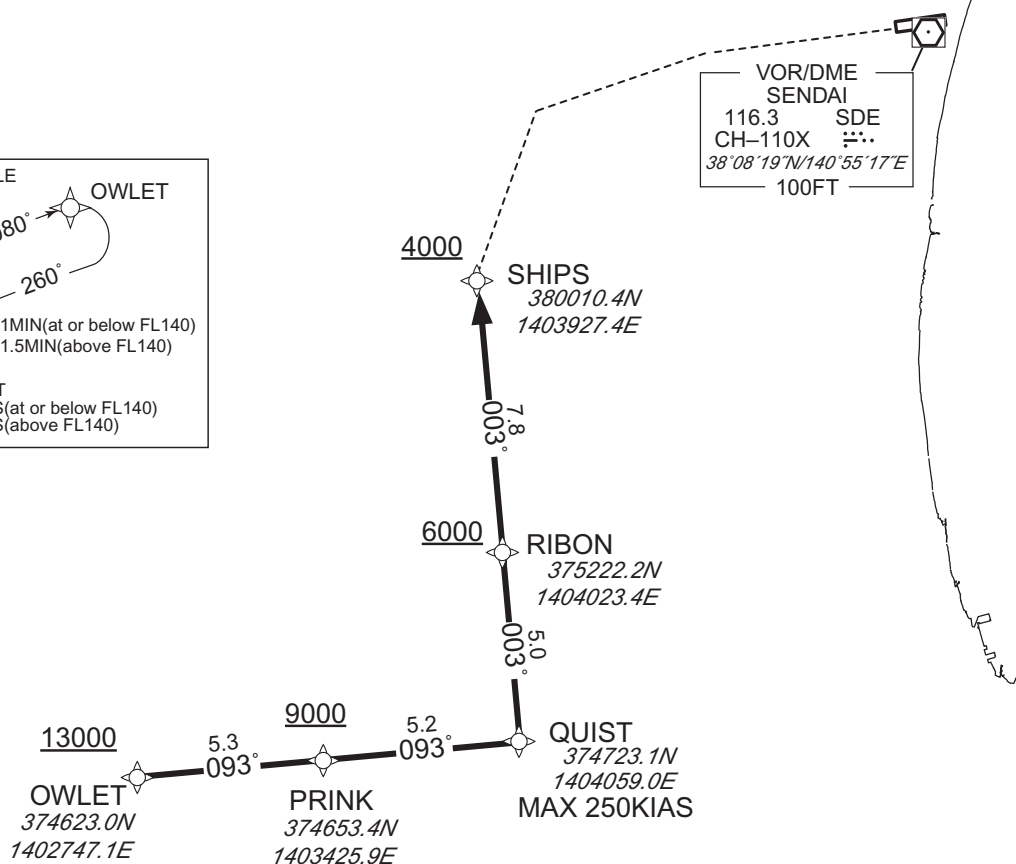
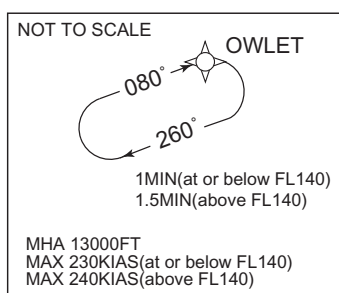


RJSS / SENDAI

RNAV STAR RWY09

RNP1

VAR 8°W

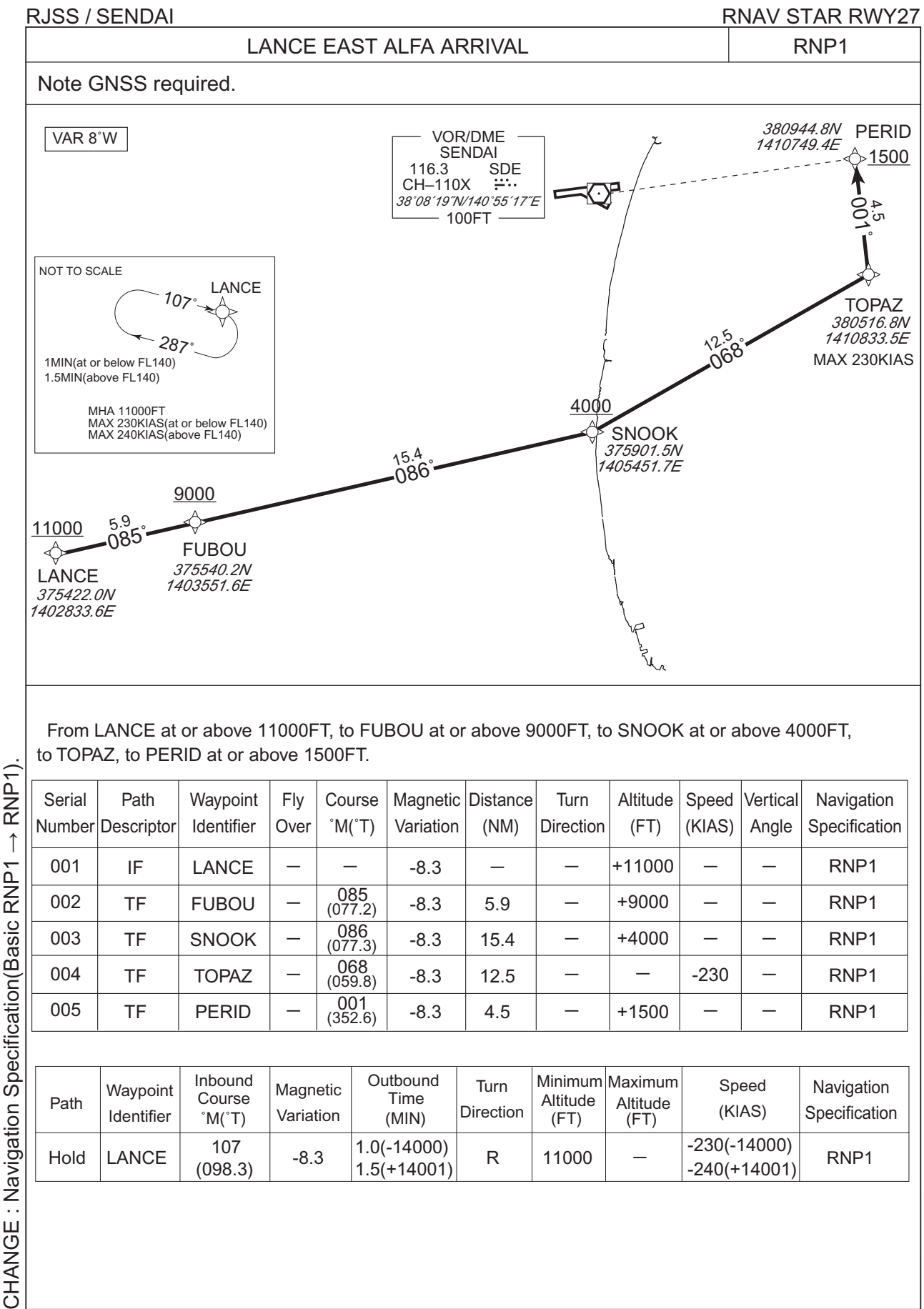


CHANGE : Navigation Specification(Basic RNP1 \rightarrow RNP1).

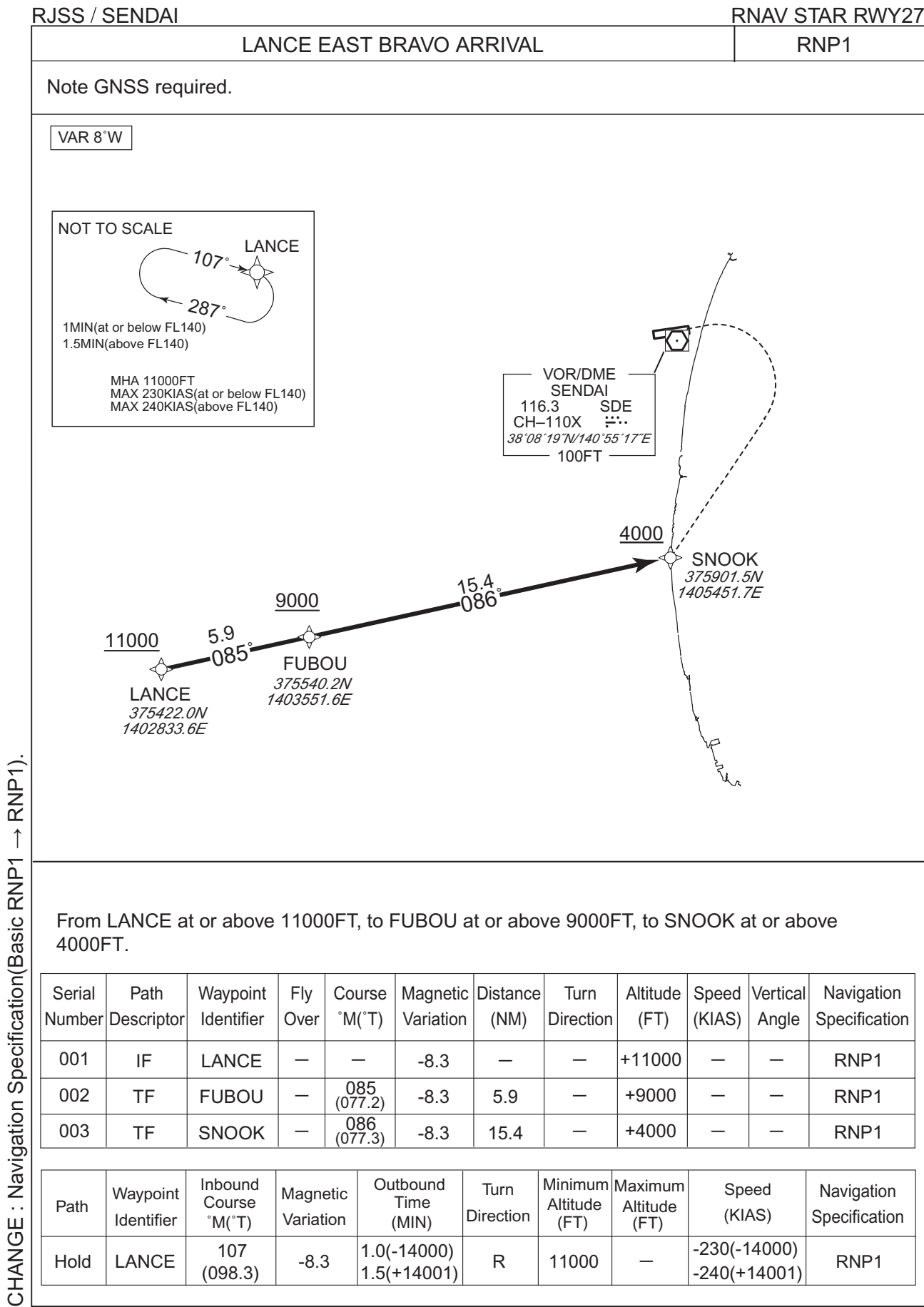
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	OWLET	—	—	-8.3	—	—	+13000	—	—	RNP1
002	TF	PRINK	—	093 (084.4)	-8.3	5.3	—	+9000	—	—	RNP1
003	TF	QUIST	—	093 (084.5)	-8.3	5.2	—	—	-250	—	RNP1
004	TF	RIBON	—	003 (354.6)	-8.3	5.0	—	+6000	—	—	RNP1
005	TF	SHIPS	—	003 (354.6)	-8.3	7.8	—	+4000	—	—	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	OWLET	080 (071.7)	-8.3	1.0(-14000) 1.5(+14001)	R	13000	—	-230(-14000) -240(+14001)	RNP1

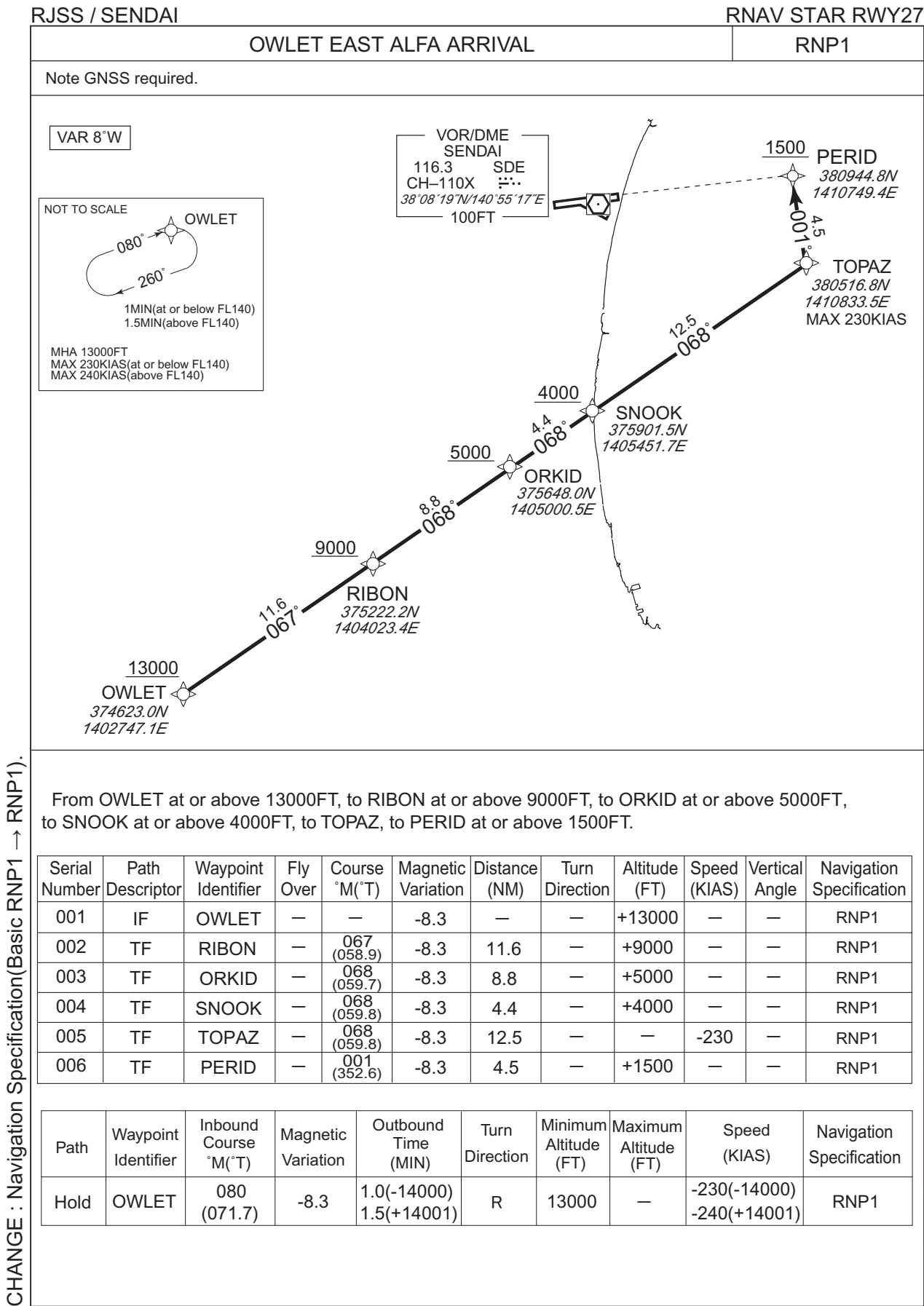
STANDARD ARRIVAL CHART-INSTRUMENT



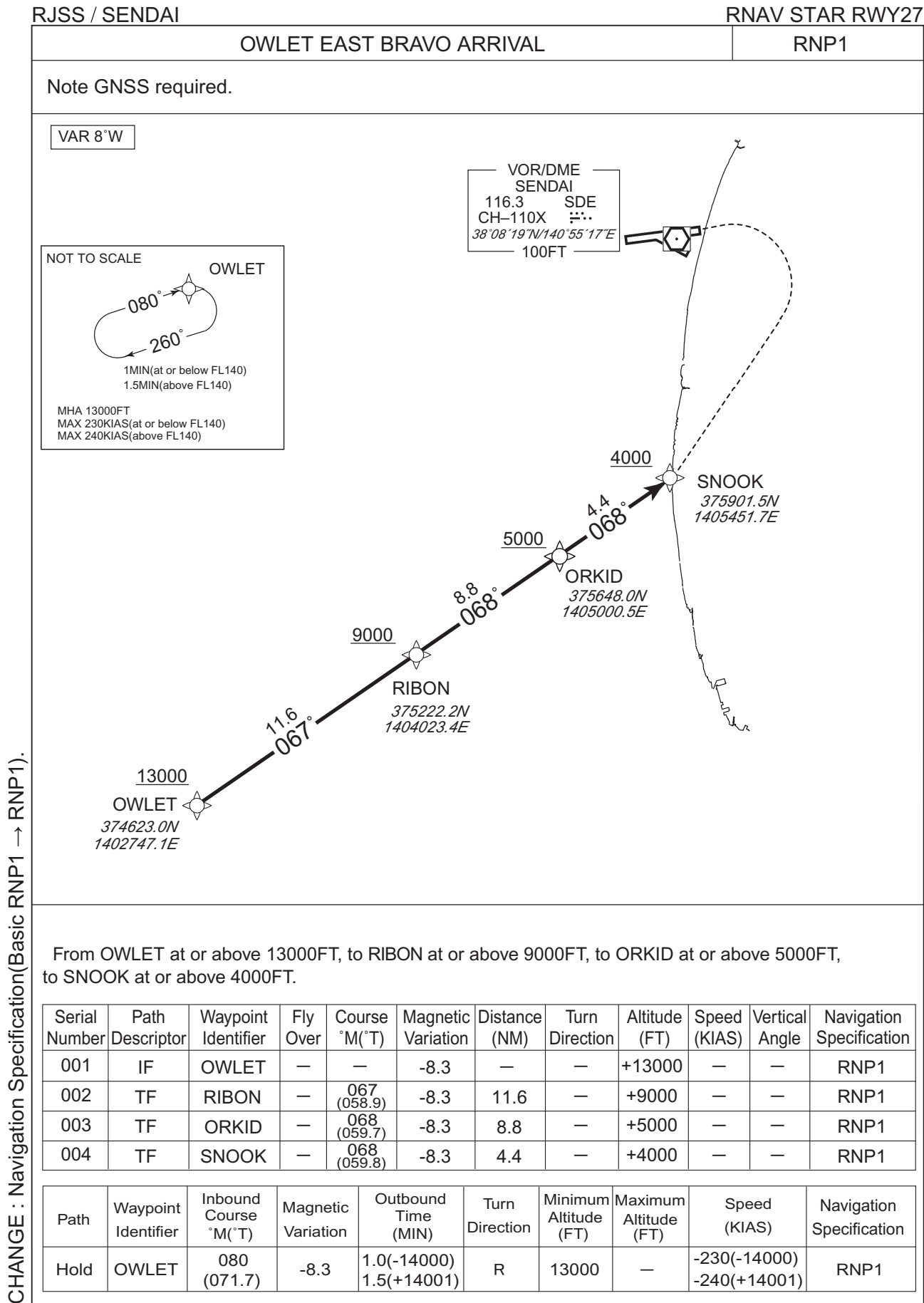
STANDARD ARRIVAL CHART-INSTRUMENT



STANDARD ARRIVAL CHART-INSTRUMENT



STANDARD ARRIVAL CHART-INSTRUMENT



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RJSS / SENDAI

ILS Z or LOC Z RWY27

MISSED APPROACH
Climb to 600FT on HDG270°,
turn left, via SDE R160 to 3000FT,
turn left, direct to SDE
VOR/DME and hold.
Contact SENDAI APP.

Timing not authorized for defining the MAPt.

DME to ISD	0.6	1.0	4.6	9.6
NM to THR	0.5	0.8	4.4	9.4

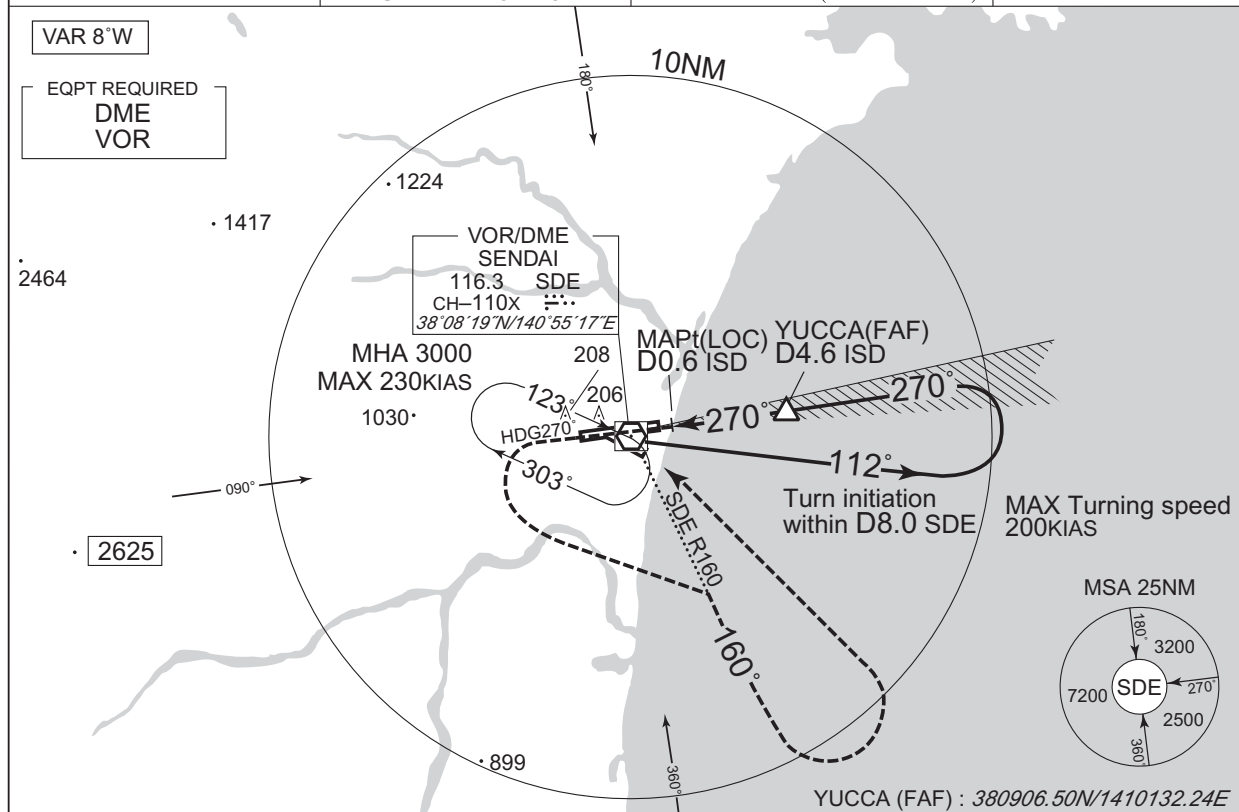
CHANGE : Description of Missed APCH course.

23/3/23

RJSS / SENDAI

ILS Y or LOC Y RWY27

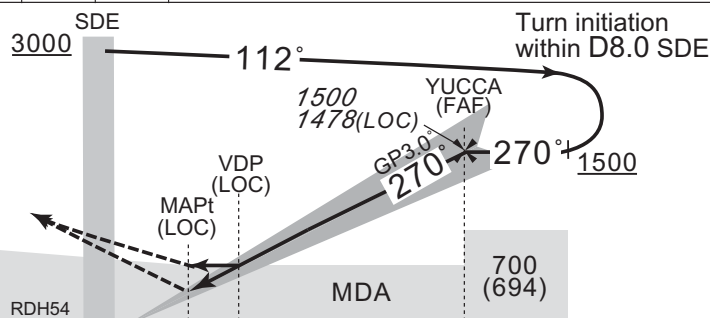
SENDAI APP 120.4 – 261.2	ILS – LOC 111.7 ISD 333.5 ILS-GP 333.5 ILS-DME CH-54X	SENDAI TOWER 118.7 - 126.2	1200 – 1300(UTC) SENDAI RADIO 118.7 AFIS provided by New Chitose Airport Office	RADAR AVBL ATIS 126.45
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NM to ISD	MAPt	1	2	3	4	FAF
ALT (3.0° APCH Path)	—	326	645	964	1281	1478

Climb to 600FT on HDG270°,
turn left, via SDE R160 to 3000FT,
turn left, direct to SDE
VOR/DME and hold.
Contact SENDAI APP.

Timing not authorized for defining the MAPt.



DME to ISD	0.6	1.0	4.6
NM to THR	0	0.5	0.8

Missed APCH climb gradient MNM 4.0%.

MINIMA		THR elev. 15		AD elev. 6		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	215 (200)	550	320 (314)	900	530 (524)	1600
B				1000		
C						
D				1400	560 (554)	3200

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

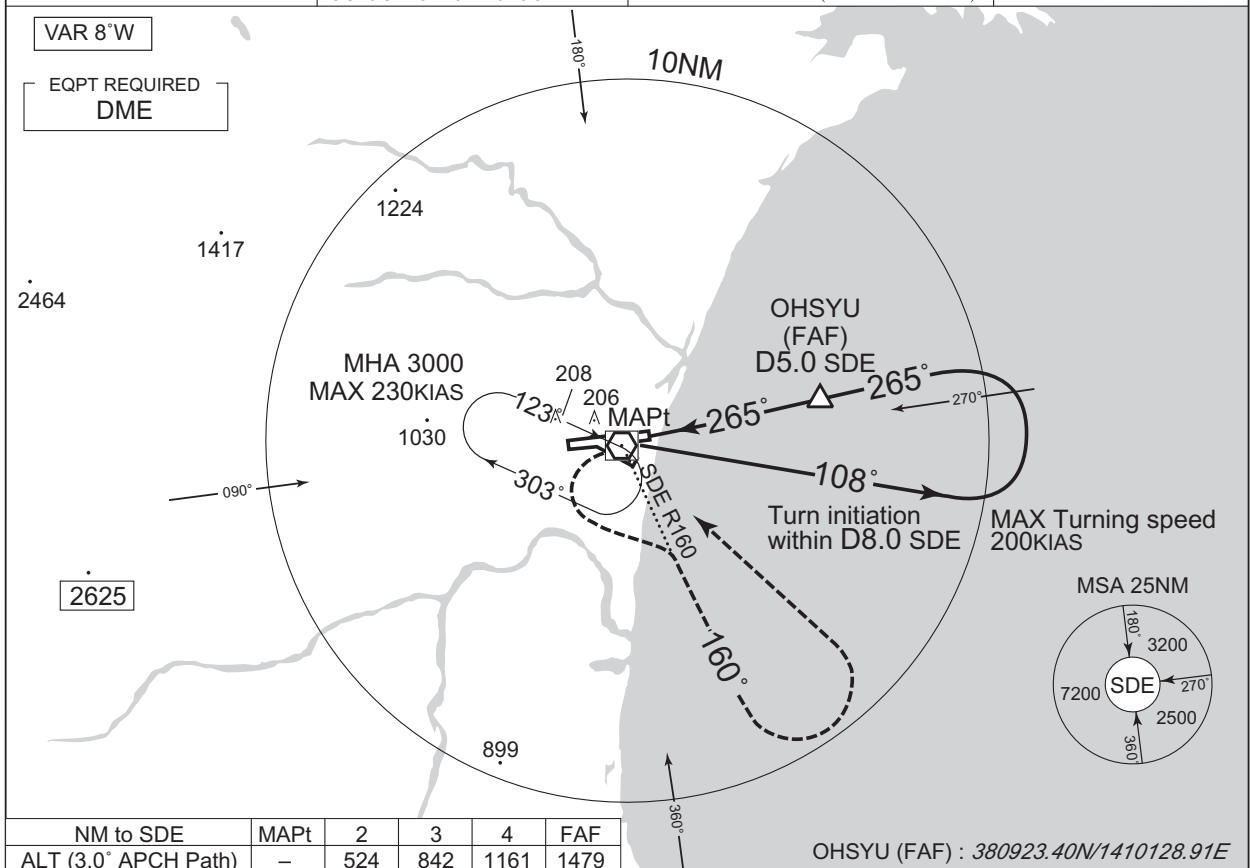
CHANGE : Description of Missed APCH course.

INSTRUMENT APPROACH CHART

RJSS / SENDAI

VOR RWY27

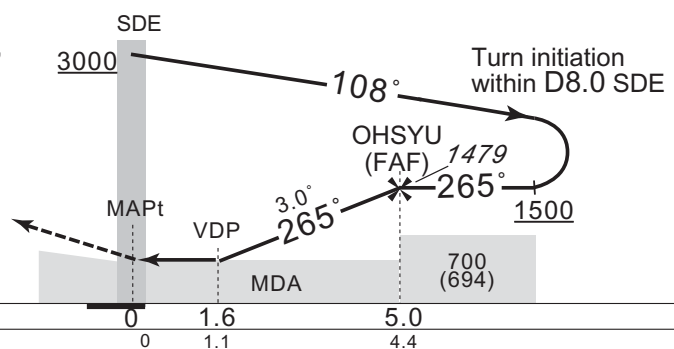
SENDAI APP 120.4 –261.2	SENDAI VOR / DME 116.3 SDE CH-110X 38°08'19"N/140°55'17"E	SENDAI TOWER 118.7 - 126.2	1200 – 1300(UTC) SENDAI RADIO 118.7 AFIS provided by New Chitose Airport Office	RADAR AVBL ATIS 126.45
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MISSED APPROACH

Turn left, climb via SDE R160 to 3000FT,
turn left, direct to SDE VOR/DME
and hold.
Contact SENDAI APP.

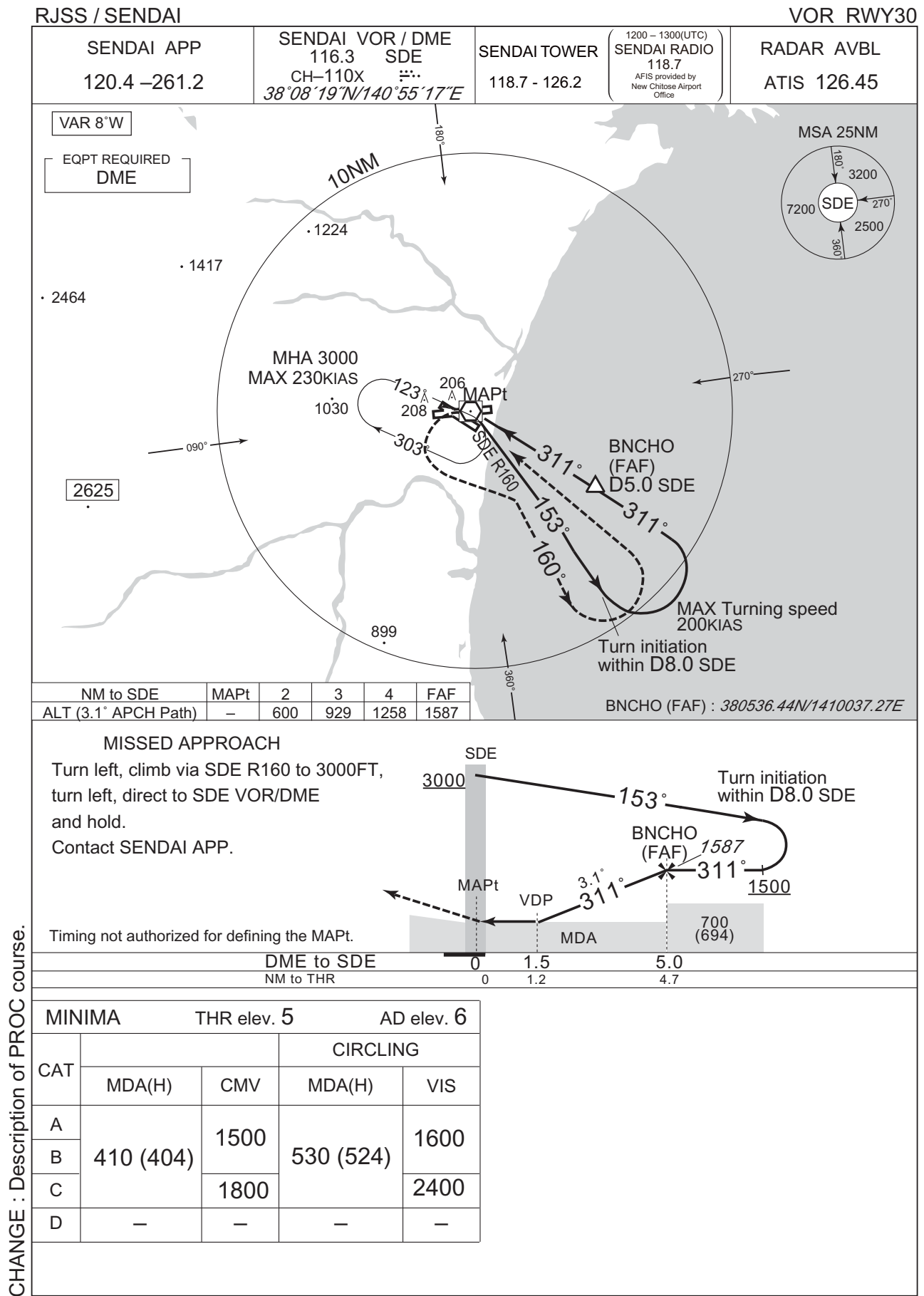
Timing not authorized for defining the MAPt.



CHANGE : Description of PROC course.

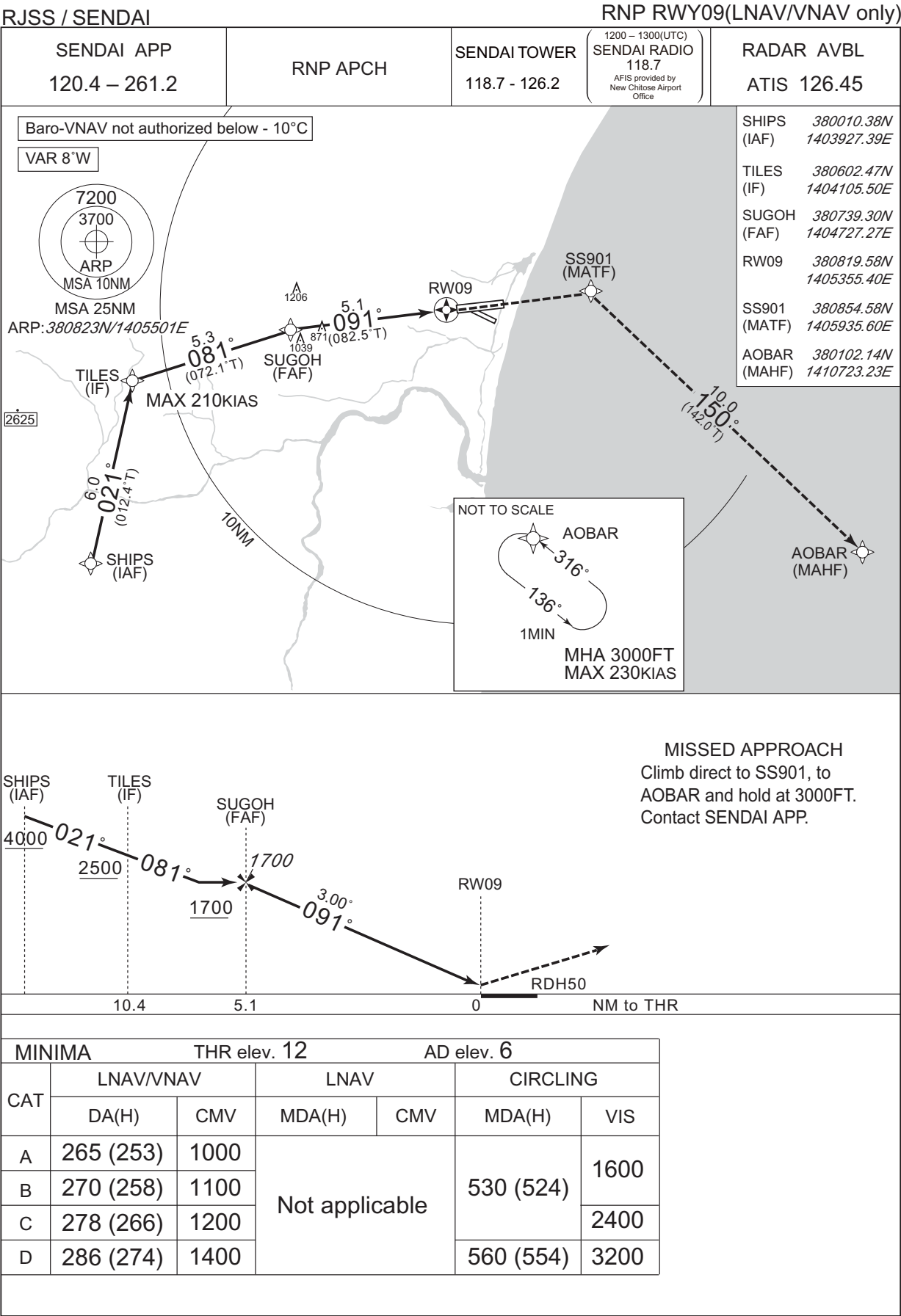
MINIMA		THR elev. 15	AD elev. 6	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	390 (384)	900	530 (524)	1600
B		1000		
C				2400
D		1400	560 (554)	3200

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

CHANGE : PROC renamed. Course FM TILES to SUGOH. MAPt abolished. Missed APCH PROC. MINIMA for LNAV/VNAV, LNAV.
HLDG for NAVAID abolished. OCA(H) deleted.



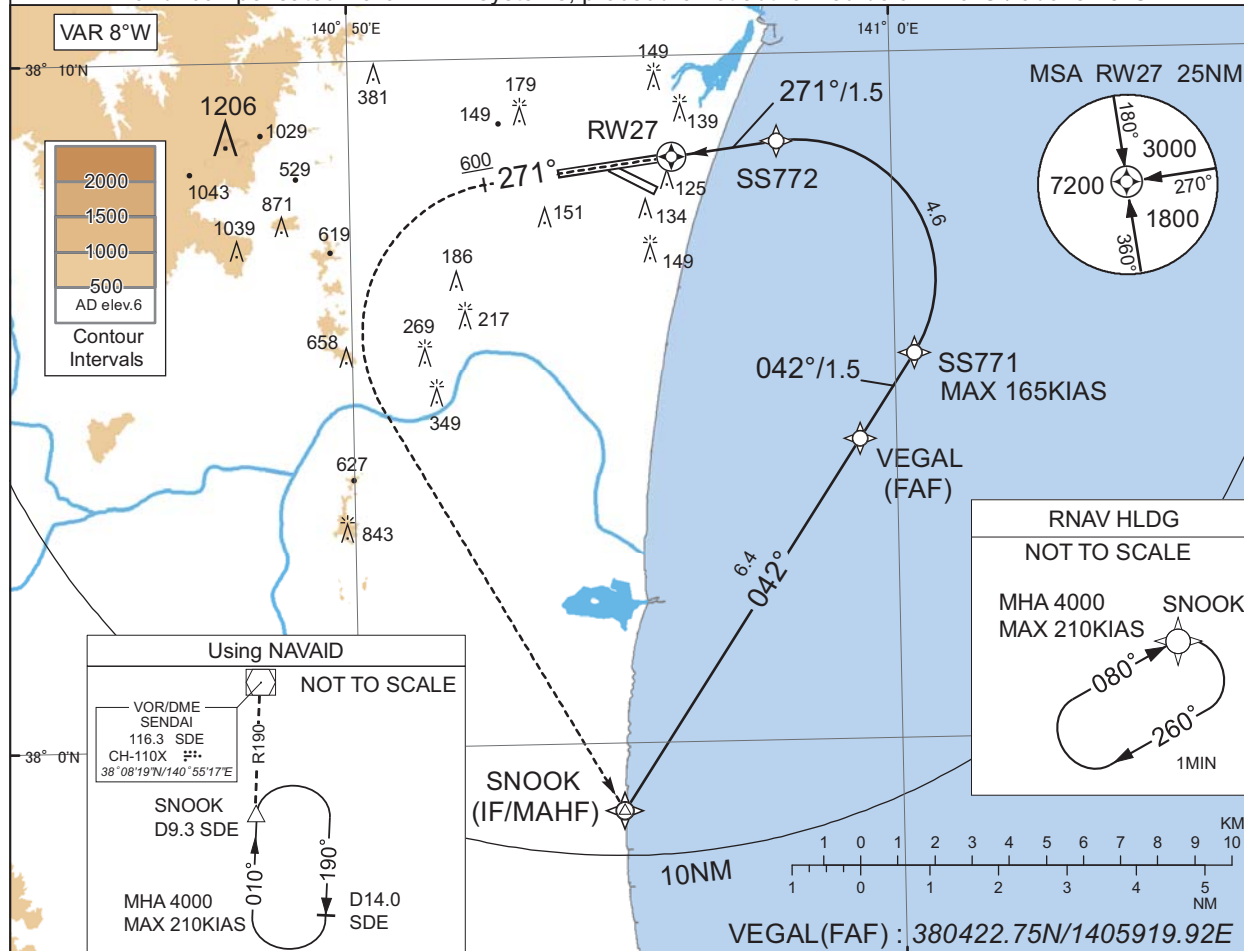
INSTRUMENT APPROACH CHART

RJSS / SENDAI

RNP RWY27(AR)

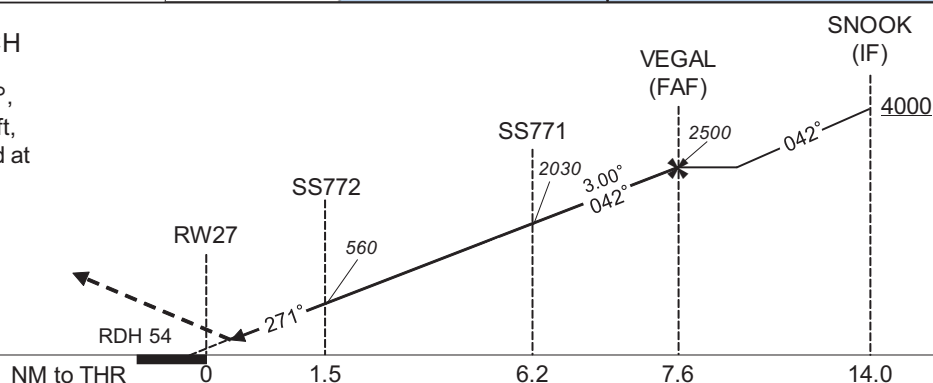
SENDAI APP 120.4 - 261.2	RNP AR RF required.	SENDAI TOWER 118.7 - 126.2	1200 - 1300(UTC) SENDAI RADIO 118.7 AFIS provided by New Chitose Airport Office	RADAR AVBL ATIS 126.45
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For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C



MISSED APPROACH

From RW27 on track 271°, at or above 600FT turn left, direct to SNOOK and hold at 4000FT. Contact SENDAI APP.



MINIMA	THR elev. 15	AD elev. 6
CAT	RNP 0.30	
	DA(H)	RVR/CMV
A	-	-
B	-	-
C	315(300)	1000
D		1400

Authorization Required

* Missed APCH climb gradient MNM 4.0%

INSTRUMENT APPROACH CHART

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RNP RWY27(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	SNOOK	-	-	-8.3	-	-	+4000	-	-	-
002	TF	VEGAL	-	042 (033.3)	-8.3	6.4	-	2500	-	-	1.0
003	TF	SS771	-	042 (033.4)	-8.3	1.5	-	2030	-165	-3.00	0.3
004	RF Center: SSRF1 r=2.02NM	SS772	-	-	-8.3	4.6	L	560	-	-3.00	0.3
005	TF	RW27	Y	271 (262.6)	-8.3	1.5	-	69	-	-3.00/54	0.3
006	FA	-	-	271 (262.6)	-8.3	-	-	+600	-	-	1.0
007	DF	SNOOK	-	-	-8.3	-	L	4000	-	-	1.0

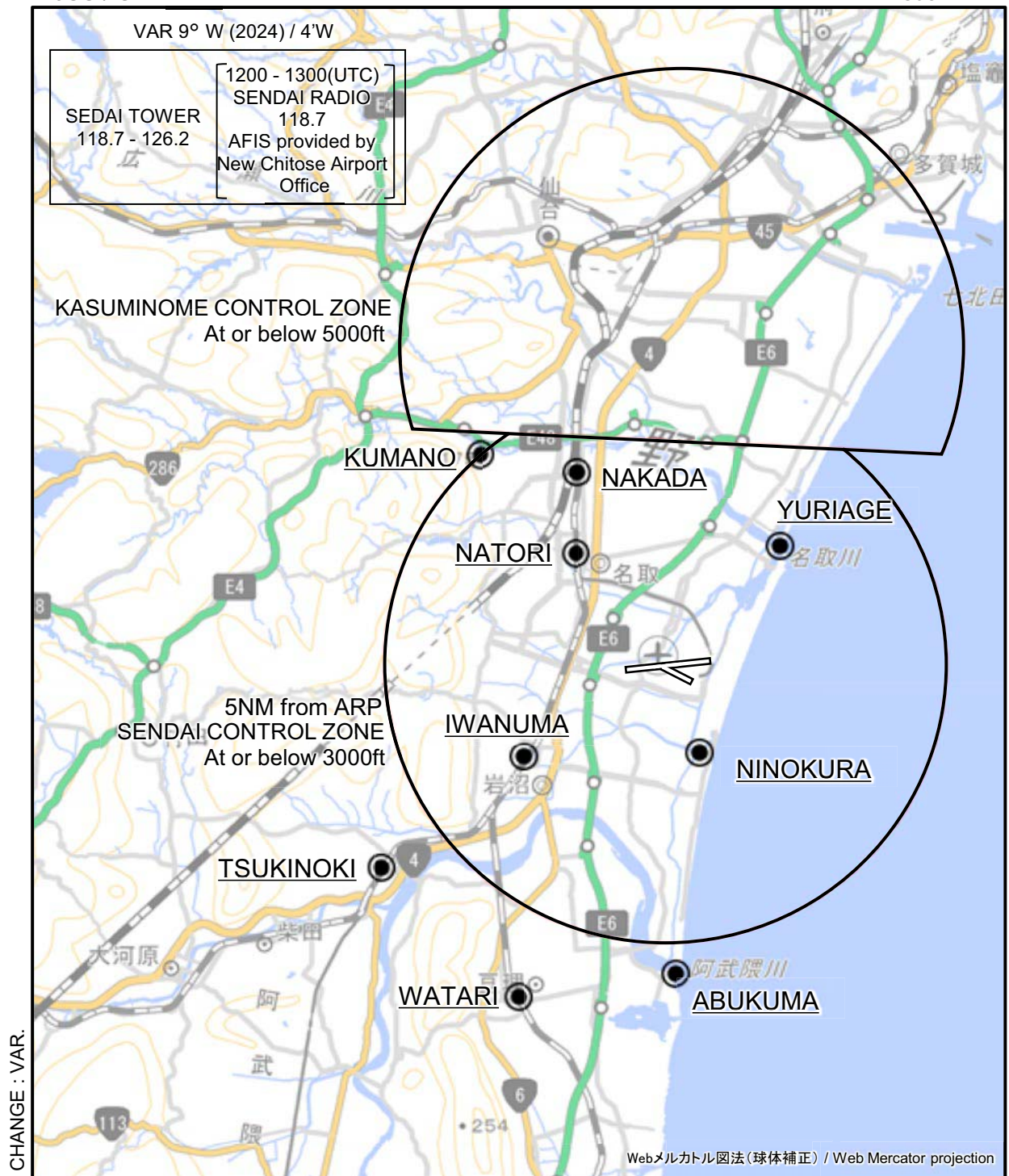
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	SNOOK	080 (071.9)	-8.3	1.0 (-14000)	R	4000	FL140	-210 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
SNOOK	375901.53N / 1405451.66E	SSRF1	380643.74N / 1405813.69E
VEGAL	380422.75N / 1405919.92E		
SS771	380536.78N / 1410021.86E		
SS772	380844.14N / 1405753.87E		
RW27	380832.18N / 1405557.56E		

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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).

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Visual REP

Call sign	BRG / DIST from ARP	Remarks
熊野 Kumano	319°T / 5.0NM	熊野神社 Kumano Shrine
中田 Nakada	336°T / 3.8NM	JR南仙台駅 Station
閑上 Yuriage	043°T / 2.9NM	名取川河口 River-mouth of the Natori
名取 Natori	321°T / 2.6NM	JR名取駅 Station
二の倉 Ninokura	160°T / 1.7NM	県南浄化センター Sewage disposal center
岩沼 Iwanuma	236°T / 3.0NM	JR岩沼駅 Station
槻木 Tsukinoki	234°T / 6.2NM	JR槻木駅 Station
阿武隈 Abukuma	178°T / 5.6NM	阿武隈川河口 River-mouth of the Abukuma
亘理 Watari	204°T / 6.5NM	JR亘理駅 Station

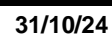
注：有視界飛行方式により霞目管制圏から仙台管制圏へ進入しようとする航空機は、仙台管制圏に入圏する前に仙台タワーまたは仙台レディオへ通報すること。

NOTE : When any VFR flight enters SENDAI CTR directly via KASUMINOME CTR, the pilot shall report to "SENDAI TWR" or "SENDAI RADIO" before entering SENDAI CTR.

注：VFR機とIFR機の航行の安全のため、仙台進入管制区のうち、仙台空港から15NM以内の地域をVFRで航行する場合は、仙台TCAと積極的にコンタクトすること。

NOTE : In order to ensure the safety operations for both VFR and IFR aircraft, VFR aircraft should contact SENDAI TCA positively when the flight includes SENDAI Approach Control Area, within 15 miles from Sendai Airport.

CHANGE : SENDAI RADIO added to NOTE.



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Minimum Vectoring Altitude CHART

