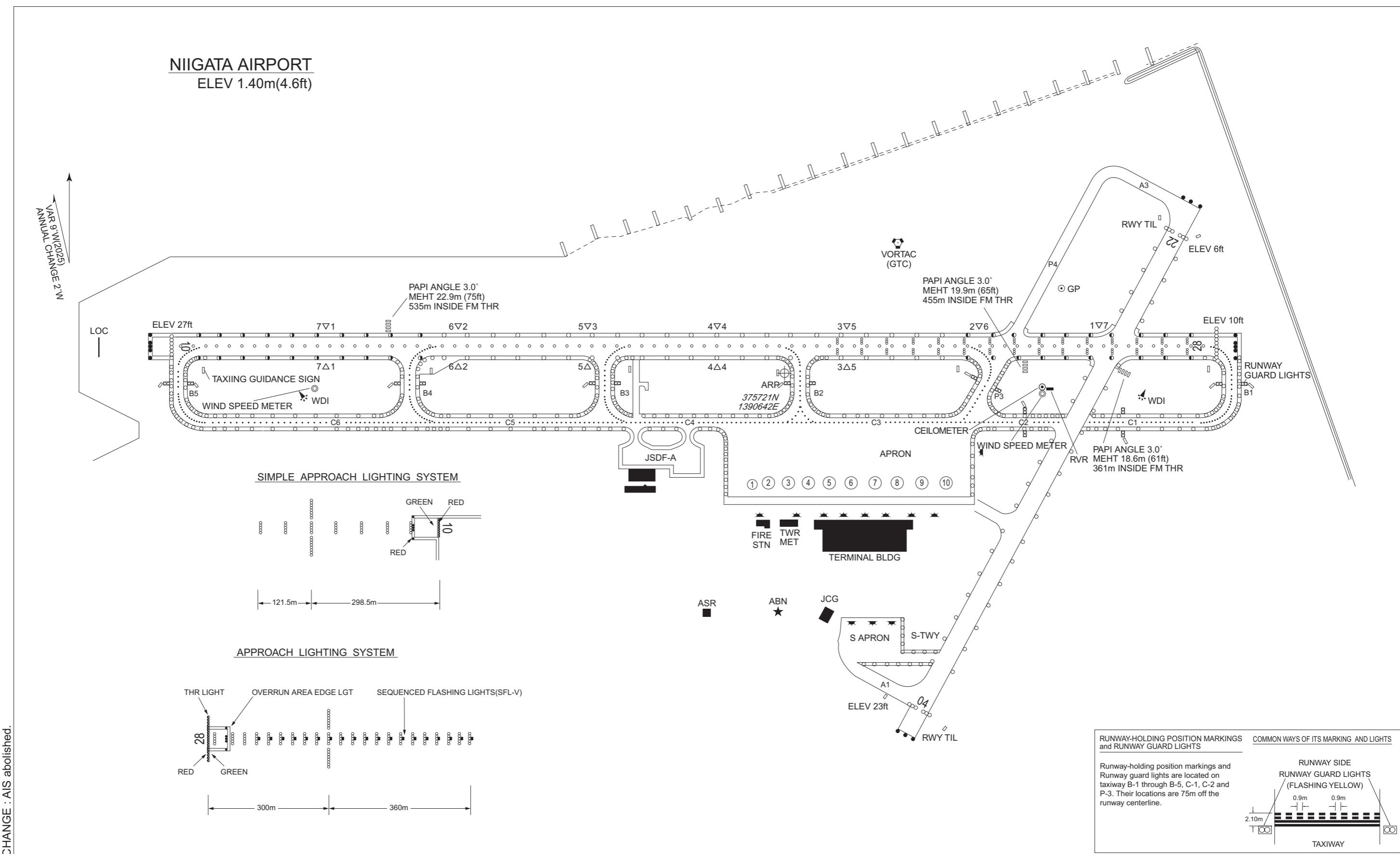


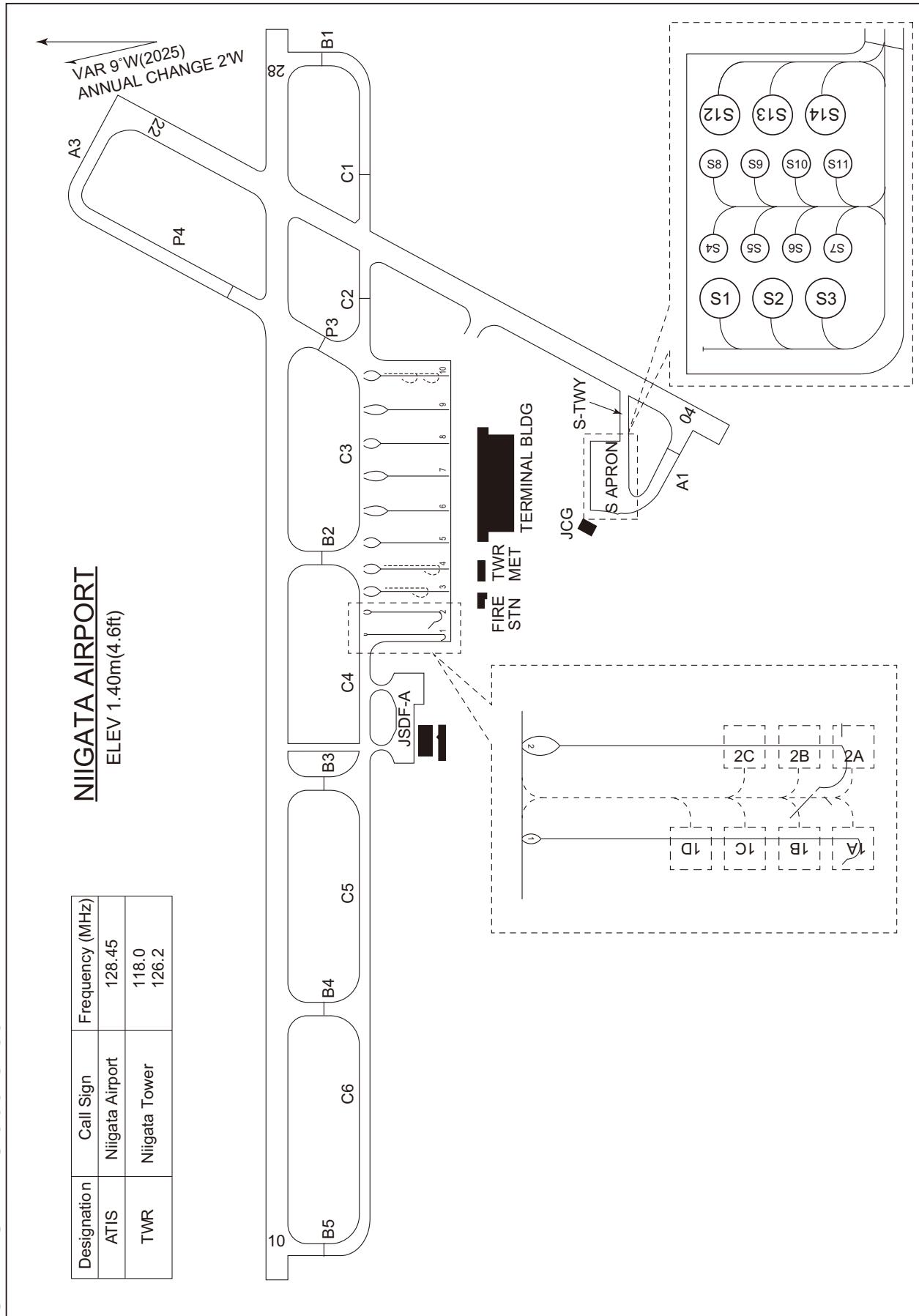
AERODROME CHART



**CHANGE:** AlS abolished.

RJSN / NIIGATA

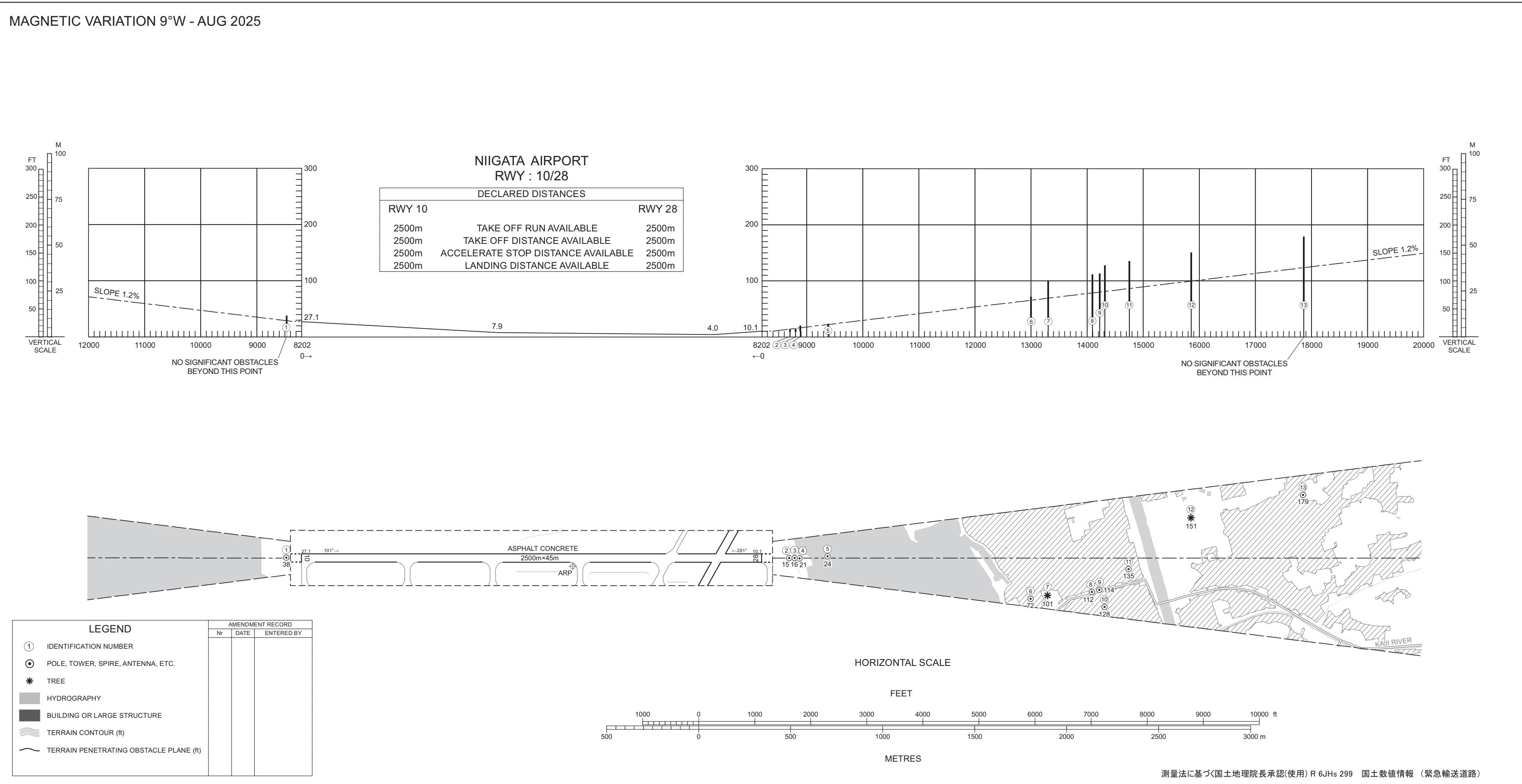
AD CHART



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

AERODROME OBSTACLE CHART-ICAO  
TYPE A (OPERATING LIMITATIONS)

MAGNETIC VARIATION 9°W - AUG 2025





STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

SID

OKESA SEVEN DEPARTURE

- RWY 04 : Turn left HDG 245°...
- RWY 10 : Climb RWY HDG to 500FT, turn left HDG 245°...
- RWY 22 : Climb RWY HDG to 800FT, turn left...
- RWY 28 : Climb RWY HDG to 500FT, turn right...  
...to intercept and proceed via GTC R290 to OKESA.

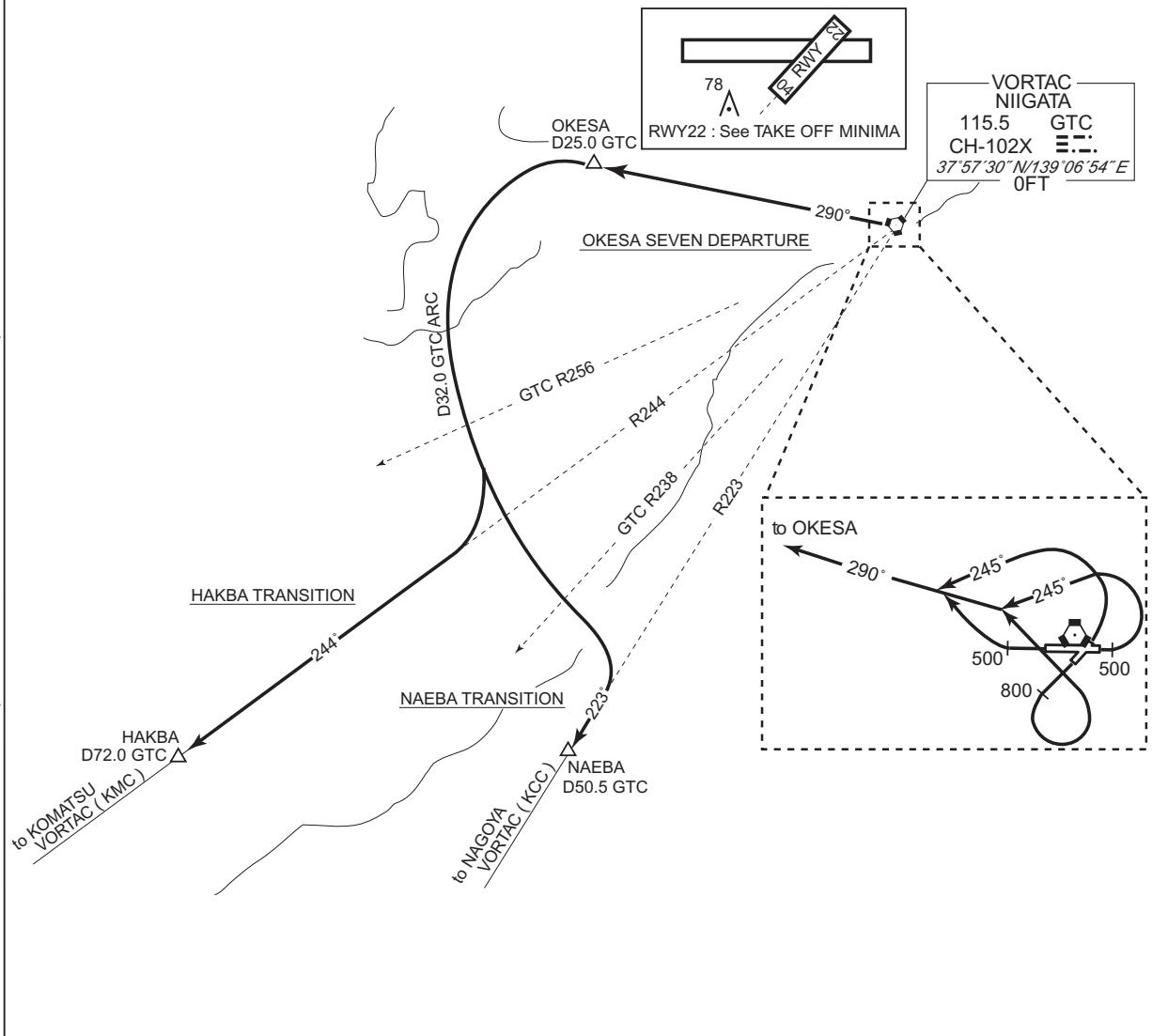
NAEBA TRANSITION

From over OKESA, turn left to intercept and proceed via GTC 32.0DME counterclockwise ARC, turn right to intercept and proceed via GTC R223 to NAEBA.

HAKBA TRANSITION

From over OKESA, turn left to intercept and proceed via GTC 32.0DME counterclockwise ARC, turn right to intercept and proceed via GTC R244 to HAKBA.

CHANGE : PROC renamed(OKESA SEVEN DEPARTURE).PROC course.



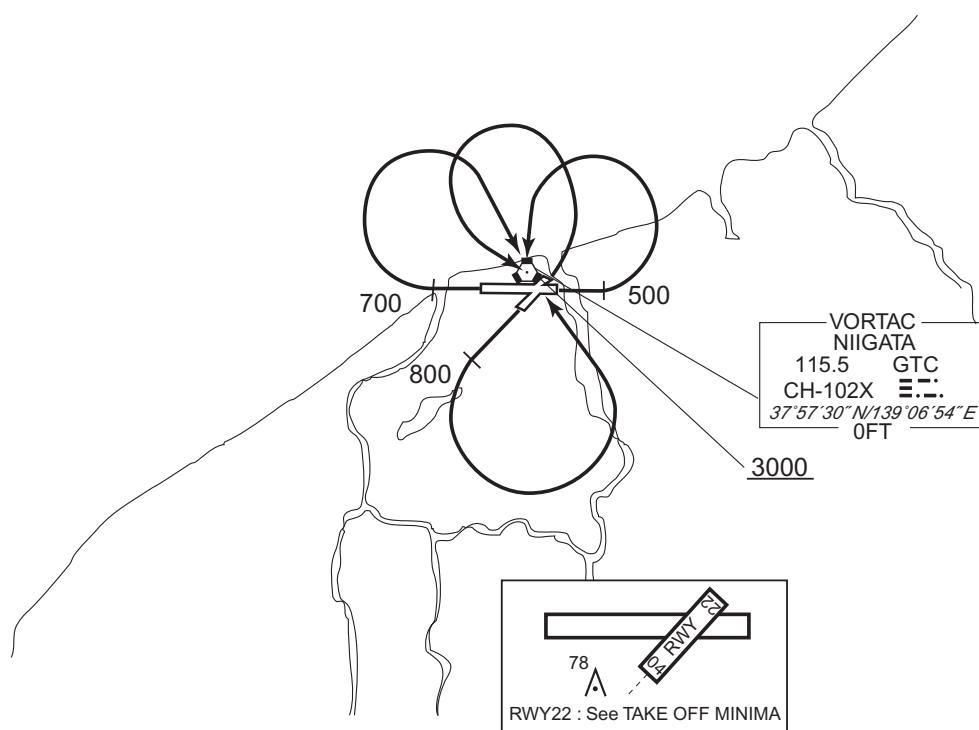
## STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

SID

## NIIGATA REVERSAL SEVEN DEPARTURE

- RWY 04 : Turn left...  
 RWY 10 : Climb RWY HDG to 500FT, turn left...  
 RWY 22 : Climb RWY HDG to 800FT, turn left...  
 RWY 28 : Climb RWY HDG to 700FT, turn right...  
           ...direct to GTC VORTAC.  
           Cross GTC VORTAC at or above 3000FT.



CHANGE : PROC renamed. ALT restriction.

STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

RNAV SID

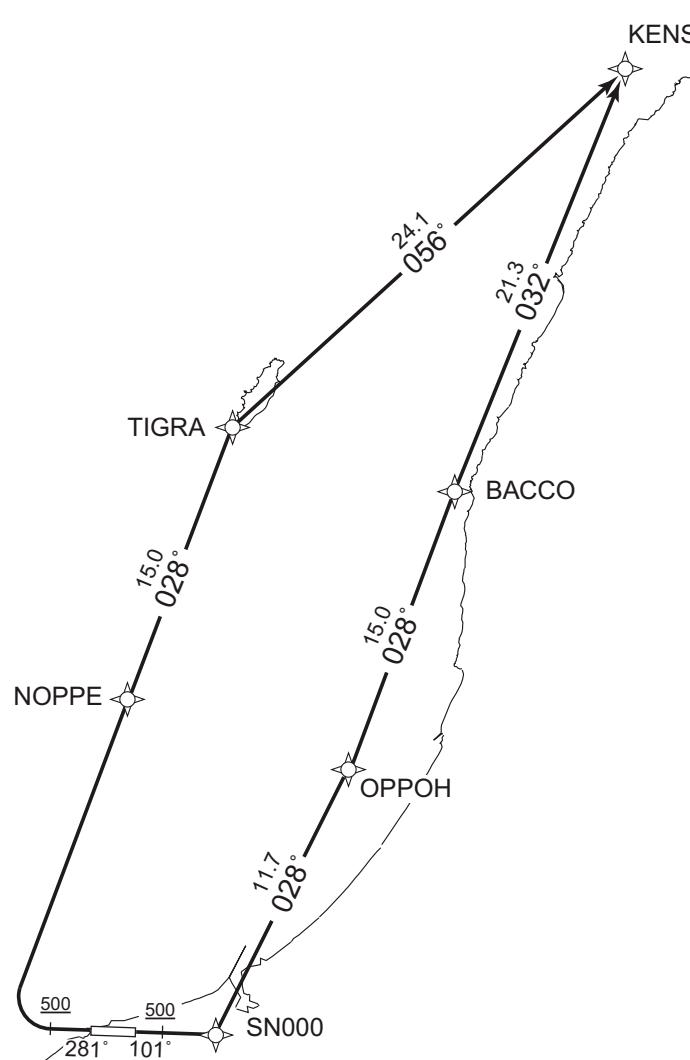
SASAGA THREE DEPARTURE

RNP1

Note GNSS required.

VAR 9°W

CHANGE : Description of latitude and longitude.



RWY10 : Climb on HDG101° at or above 500FT, direct to SN000, to OPPOH, to BACCO, to KENSI.  
RWY28 : Climb on HDG281° at or above 500FT, turn right direct to NOPPE, to TIGRA, to KENSI.

Note RWY10 : 5.0% climb gradient required up to 500FT.

## STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

RNAV SID

SASAGA THREE DEPARTURE

## RWY10

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	-	-	101 (092.7)	-8.6	-	-	+500	-	-	RNP1
002	DF	SN000	-	-	-8.6	-	-	-	-	-	RNP1
003	TF	OPPOH	-	028 (019.7)	-8.6	11.7	-	-	-	-	RNP1
004	TF	BACCO	-	028 (019.1)	-8.6	15.0	-	-	-	-	RNP1
005	TF	KENSI	-	032 (023.0)	-8.6	21.3	-	-	-	-	RNP1

## RWY28

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	-	-	281 (272.7)	-8.6	-	-	+500	-	-	RNP1
002	DF	NOPPE	-	-	-8.6	-	R	-	-	-	RNP1
003	TF	TIGRA	-	028 (018.9)	-8.6	15.0	-	-	-	-	RNP1
004	TF	KENSI	-	056 (047.3)	-8.6	24.1	-	-	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
SN000	375707.7N / 1391314.7E	NOPPE	381125.5N / 1390617.6E
OPPOH	380808.4N / 1391816.3E	TIGRA	382536.8N / 1391230.4E
BACCO	382219.9N / 1392431.5E	KENSI	384155.7N / 1393512.1E

CHANGE : Waypoint Coordinates added.

STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

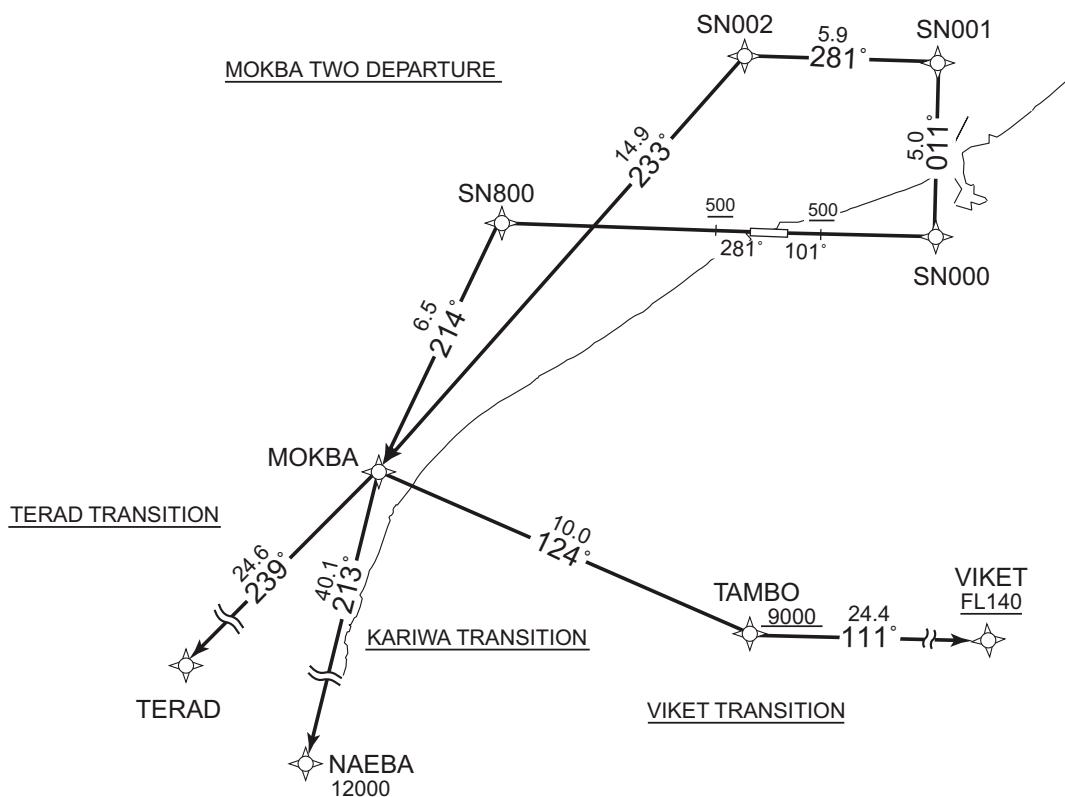
RNAV SID and TRANSITION

MOKBA TWO DEPARTURE  
KARIWA TRANSITION / TERAD TRANSITION / VIKET TRANSITION

RNP1

Note GNSS required.

VAR 9°W



MOKBA TWO DEPARTURE

RWY10 : Climb on HDG101° at or above 500FT, direct to SN000, to SN001, to SN002, to MOKBA.

RWY28 : Climb on HDG281° at or above 500FT, direct to SN800, to MOKBA.

Note RWY10 : 5.0% climb gradient required up to 500FT.

KARIWA TRANSITION (for Y312 only)

From MOKBA, to NAEBA at or above 12000FT.

TERAD TRANSITION

From MOKBA, to TERAD.

VIKET TRANSITION

From MOKBA, to TAMBO at or above 9000FT, to VIKET at or above FL140.

CHANGE : ALT restriction at NAEBA(KARIWA TRANSITION).

## STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

RNAV SID and TRANSITION

MOKBA TWO DEPARTURE

## RWY10

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	-	-	101 (092.7)	-8.6	-	-	+500	-	-	RNP1
002	DF	SN000	-	-	-8.6	-	-	-	-	-	RNP1
003	TF	SN001	-	011 (002.7)	-8.6	5.0	-	-	-	-	RNP1
004	TF	SN002	-	281 (272.8)	-8.6	5.9	-	-	-	-	RNP1
005	TF	MOKBA	-	233 (224.9)	-8.6	14.9	-	-	-	-	RNP1

## RWY28

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	-	-	281 (272.7)	-8.6	-	-	+500	-	-	RNP1
002	DF	SN800	-	-	-8.6	-	-	-	-	-	RNP1
003	TF	MOKBA	-	214 (205.6)	-8.6	6.5	-	-	-	-	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates
SN000	375707.7N / 1391314.7E
SN001	380207.7N / 1391332.9E
SN002	380224.7N / 1390602.0E
SN800	375745.2N / 1385620.0E
MOKBA	375152.0N / 1385245.3E

CHANGE : Waypoint Coordinates added.

## STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

RNAV SID and TRANSITION

KARIWA 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	MOKBA	-	-	-8.6	-	-	-	-	-	RNP1
002	TF	NAEBA	-	213 (204.2)	-8.6	40.1	-	+12000	-	-	RNP1

TERAD 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	MOKBA	-	-	-8.6	-	-	-	-	-	RNP1
002	TF	TERAD	-	239 (230.5)	-8.6	24.6	-	-	-	-	RNP1

VIKET 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	MOKBA	-	-	-8.6	-	-	-	-	-	RNP1
002	TF	TAMBO	-	124 (115.8)	-8.6	10.0	-	+9000	-	-	RNP1
003	TF	VIKET	-	111 (102.7)	-8.6	24.4	-	+FL140	-	-	RNP1

CHANGE : ALT restriction at NAEBA. Waypoint Coordinates added.

Waypoint Coordinates

Waypoint Identifier	Coordinates
MOKBA	375152.0N / 1385245.3E
NAEBA	371514.9N / 1383208.6E
TERAD	373613.2N / 1382849.2E
TAMBO	374730.9N / 1390407.4E
VIKET	374205.1N / 1393414.6E

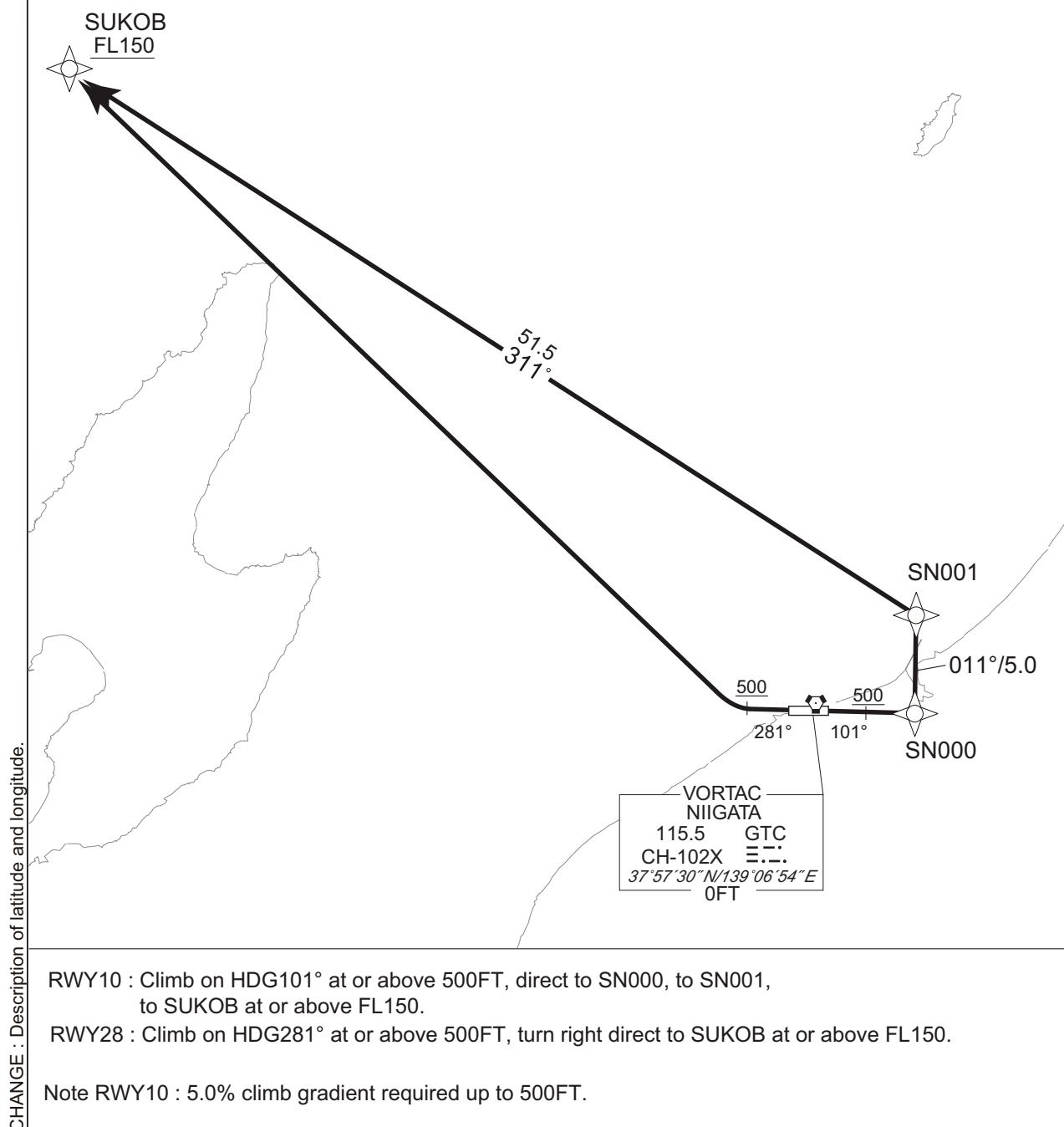
## STANDARD DEPARTURE CHART-INSTRUMENT

RJSN / NIIGATA

RNAV SID

SUKOB ONE DEPARTURE		RNAV 1
NOTE 1 ) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.	Critical DME	RWY10 : GTC : 10.0NM to SUKOB - SUKOB NTE : 10.0NM to SUKOB - SUKOB RWY28 : GTC : 15.0NM to SUKOB - SUKOB NTE : 15.0NM to SUKOB - SUKOB
2 ) RADAR service required.	DME GAP	RWY10 : DER - 10.0NM to SUKOB RWY28 : DER - 15.0NM to SUKOB
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

VAR 9°W



## STANDARD DEPARTURE CHART-INSTRUMENT

RJSN/ NIIGATA

RNAV SID

SUKOB ONE DEPARTURE

RWY10

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	—	—	101 (092.7)	-8.6	—	—	+500	—	—	RNAV1
002	DF	SN000	—	—	-8.6	—	—	—	—	—	RNAV1
003	TF	SN001	—	011 (002.7)	-8.6	5.0	—	—	—	—	RNAV1
004	TF	SUKOB	—	311 (302.2)	-8.6	51.5	—	+FL150	—	—	RNAV1

RWY28

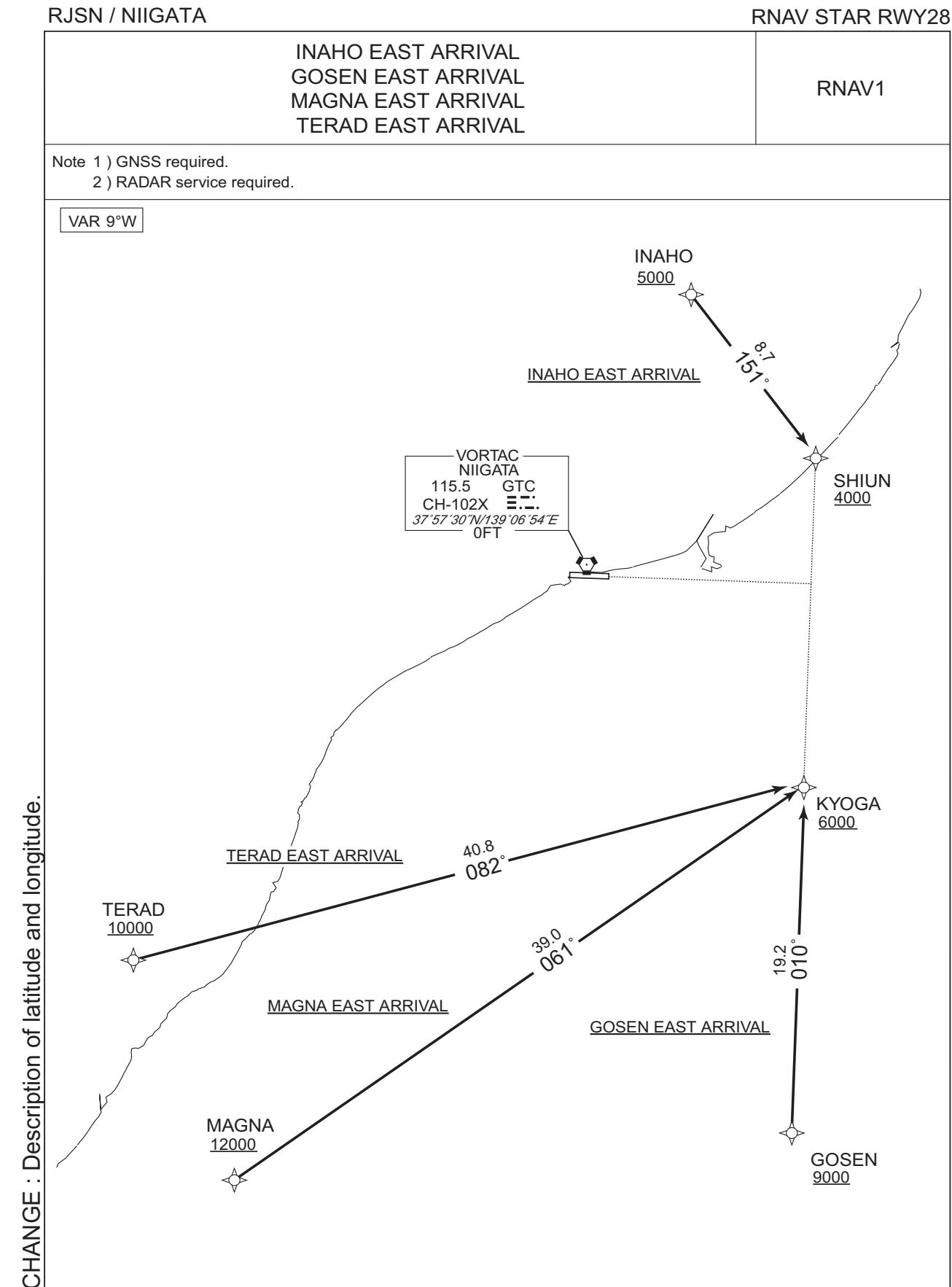
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	281 (272.7)	-8.6	—	—	+500	—	—	RNAV1
002	DF	SUKOB	—	—	-8.6	—	R	+FL150	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates
SN000	375707.7N / 1391314.7E
SN001	380207.7N / 1391332.9E
SUKOB	382919.9N / 1381752.8E

CHANGE : Waypoint Coordinates added.

STANDARD ARRIVAL CHART-INSTRUMENT



## STANDARD ARRIVAL CHART-INSTRUMENT

RJSN / NIIGATA

RNAV STAR RWY28

INAHO EAST ARRIVAL

From INAHO at or above 5000FT, to SHIUN at or above 4000FT.

Critical DME	-
DME GAP	INAHO - SHIUN
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	INAHO	-	-	-8.6	-	-	+5000	-	-	RNAV1
002	TF	SHIUN	-	151 (141.9)	-8.6	8.7	-	+4000	-	-	RNAV1

GOSEN EAST ARRIVAL

From GOSEN at or above 9000FT, to KYOGA at or above 6000FT.

Critical DME	-
DME GAP	GOSEN - KYOGA
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	GOSEN	-	-	-8.6	-	-	+9000	-	-	RNAV1
002	TF	KYOGA	-	010 (000.9)	-8.6	19.2	-	+6000	-	-	RNAV1

MAGNA EAST ARRIVAL

From MAGNA at or above 12000FT, to KYOGA at or above 6000FT.

Critical DME	GTC:MAGNA - 10.0NM to KYOGA NTE:MAGNA - 10.0NM to KYOGA
DME GAP	10.0NM to KYOGA - KYOGA
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	MAGNA	-	-	-8.6	-	-	+12000	-	-	RNAV1
002	TF	KYOGA	-	061 (052.0)	-8.6	39.0	-	+6000	-	-	RNAV1

## STANDARD ARRIVAL CHART-INSTRUMENT

RJSN / NIIGATA

RNAV STAR RWY28

TERAD EAST ARRIVAL

From TERAD at or above 10000FT, to KYOGA at or above 6000FT.

Critical DME	-
DME GAP	TERAD - KYOGA
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	TERAD	-	-	-8.6	-	-	+10000	-	-	RNAV1
002	TF	KYOGA	-	082 (073.1)	-8.6	40.8	-	+6000	-	-	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
INAHO	380947.1N / 1391217.1E	MAGNA	372400.1N / 1383916.8E
SHIUN	380255.0N / 1391907.0E	TERAD	373613.2N / 1382849.2E
GOSEN	372844.0N / 1391747.3E	KYOGA	374755.0N / 1391811.2E

CHANGE : Waypoint Coordinates added.

## STANDARD ARRIVAL CHART-INSTRUMENT

RJSN / NIIGATA

RNAV STAR RWY10

INAHO WEST ARRIVAL  
 GOSEN WEST ARRIVAL  
 MAGNA WEST ARRIVAL  
 TERAD WEST ARRIVAL

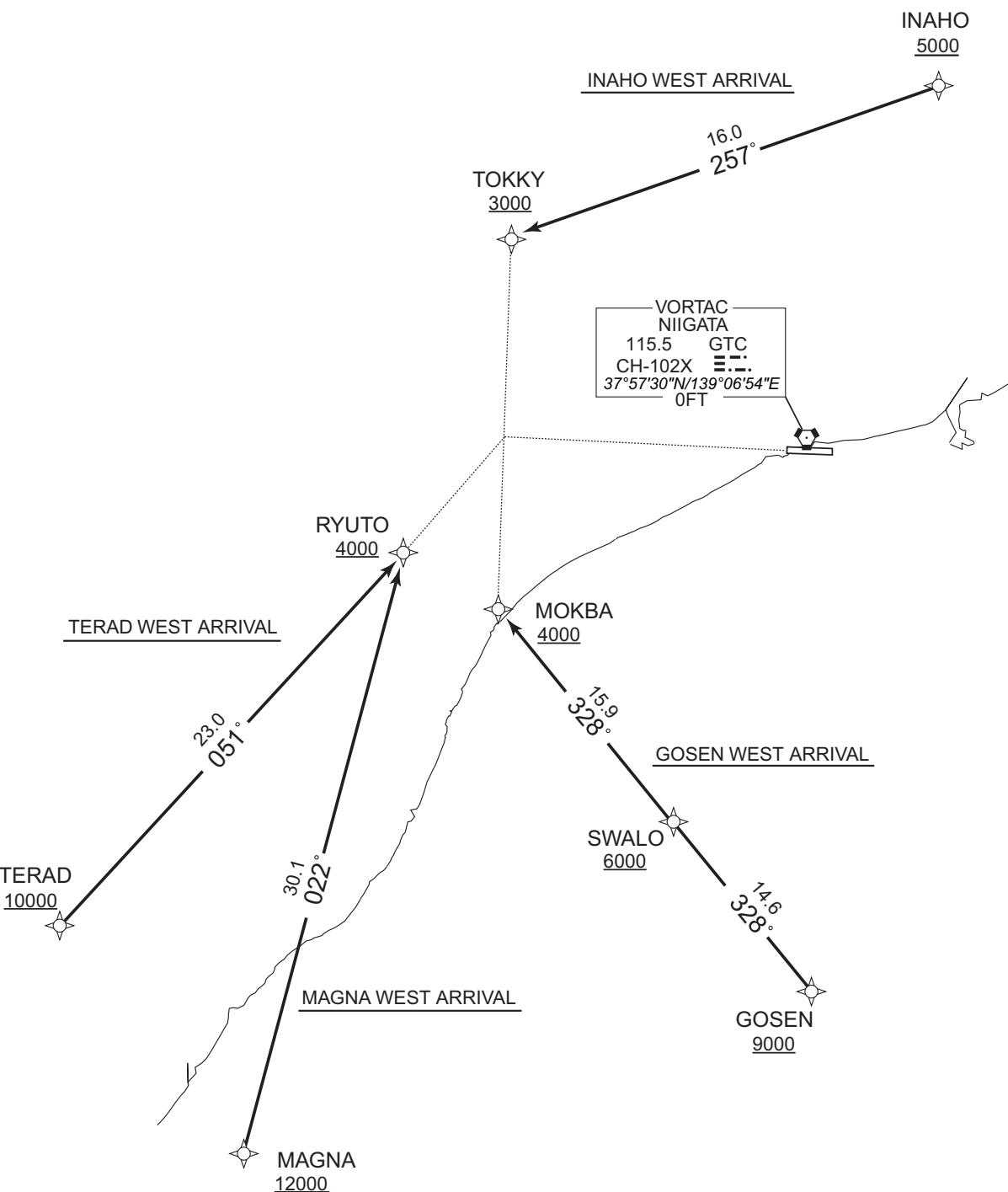
RNAV1

Note 1 ) GNSS required.

2 ) RADAR service required.

VAR 9°W

CHANGE : Description of latitude and longitude.



## STANDARD ARRIVAL CHART-INSTRUMENT

RJSN / NIIGATA

RNAV STAR RWY10

INAHO WEST ARRIVAL

From INAHO at or above 5000FT, to TOKKY at or above 3000FT.

Critical DME	-		
DME GAP	INAHO - TOKKY		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		

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	INAHO	-	-	-8.6	-	-	+5000	-	-	RNAV1
002	TF	TOKKY	-	257 (248.3)	-8.6	16.0	-	+3000	-	-	RNAV1

GOSEN WEST ARRIVAL

From GOSEN at or above 9000FT, to SWALO at or above 6000FT, to MOKBA at or above 4000FT.

Critical DME	-		
DME GAP	GOSEN - MOKBA		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		

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	GOSEN	-	-	-8.6	-	-	+9000	-	-	RNAV1
002	TF	SWALO	-	328 (319.5)	-8.6	14.6	-	+6000	-	-	RNAV1
003	TF	MOKBA	-	328 (319.4)	-8.6	15.9	-	+4000	-	-	RNAV1

MAGNA WEST ARRIVAL

From MAGNA at or above 12000FT, to RYUTO at or above 4000FT.

Critical DME	GTC:MAGNA - 15.0NM to RYUTO NTE:MAGNA - 15.0NM to RYUTO
DME GAP	15.0NM to RYUTO - RYUTO
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	MAGNA	-	-	-8.6	-	-	+12000	-	-	RNAV1
002	TF	RYUTO	-	022 (013.6)	-8.6	30.1	-	+4000	-	-	RNAV1

CHANGE : Update.

## STANDARD ARRIVAL CHART-INSTRUMENT

RJSN / NIIGATA

RNAV STAR RWY10

TERAD WEST ARRIVAL

From TERAD at or above 10000FT, to RYUTO at or above 4000FT.

Critical DME	-
DME GAP	TERAD - RYUTO
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	TERAD	-	-	-8.6	-	-	+10000	-	-	RNAV1
002	TF	RYUTO	-	051 (041.9)	-8.6	23.0	-	+4000	-	-	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
INAHO	380947.1N / 1391217.1E	MOKBA	375152.0N / 1385245.3E
TOKKY	380352.0N / 1385327.4E	MAGNA	372400.1N / 1383916.8E
GOSEN	372844.0N / 1391747.3E	TERAD	373613.2N / 1382849.2E
SWALO	373949.5N / 1390549.9E	RYUTO	375315.5N / 1384814.5E

CHANGE : Waypoint Coordinates added.

## STANDARD ARRIVAL CHART-INSTRUMENT

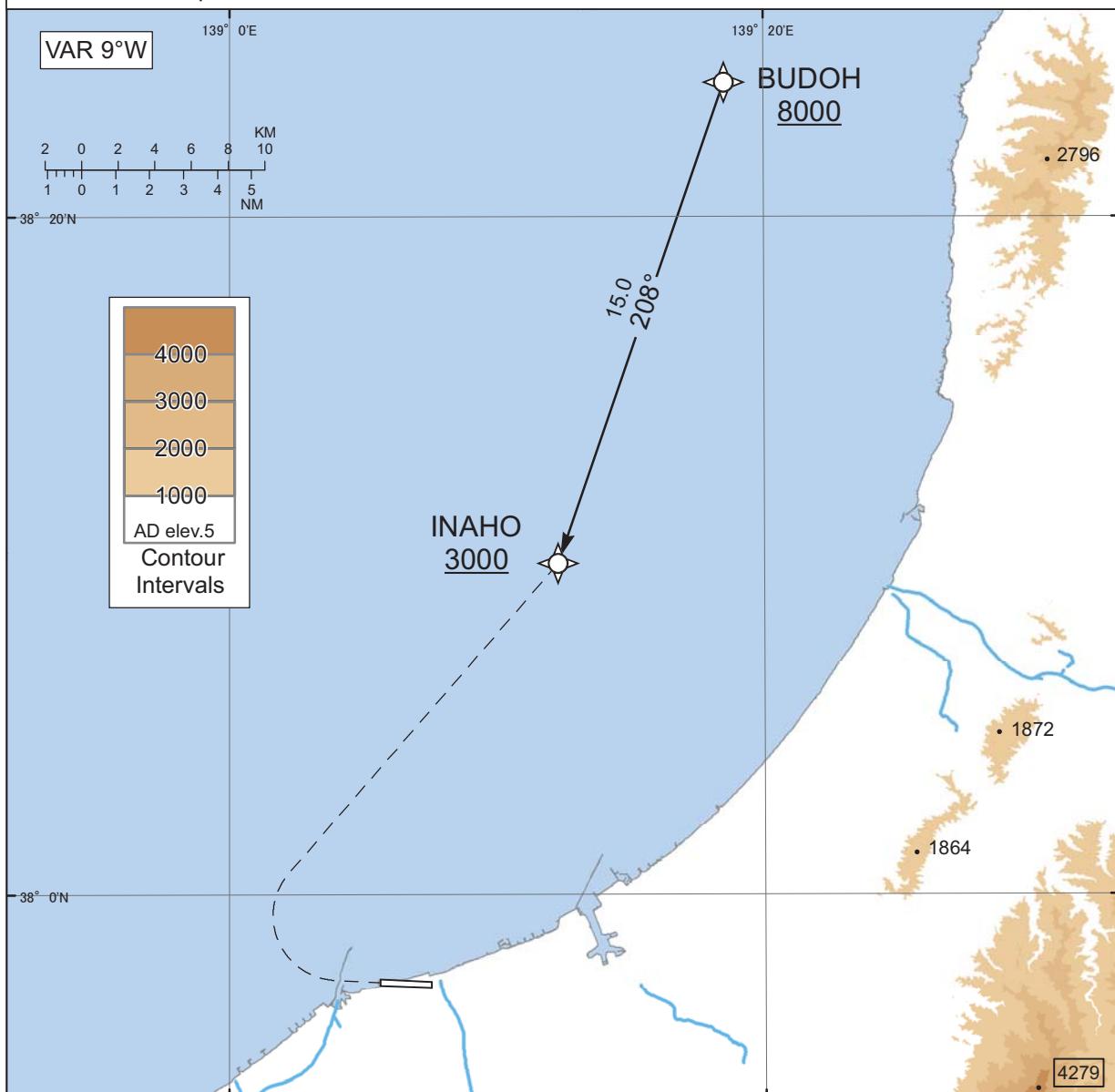
RJSN / NIIGATA

RNAV STAR RWY10

## KAETSU ARRIVAL

RNP1

Note GNSS required.



From BUDOH at or above 8000FT, to INAHO 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	BUDOH	-	-	-8.6	-	-	+8000	-	-	RNP1
002	TF	INAHO	-	208 (199.1)	-8.6	15.0	-	+3000	-	-	RNP1

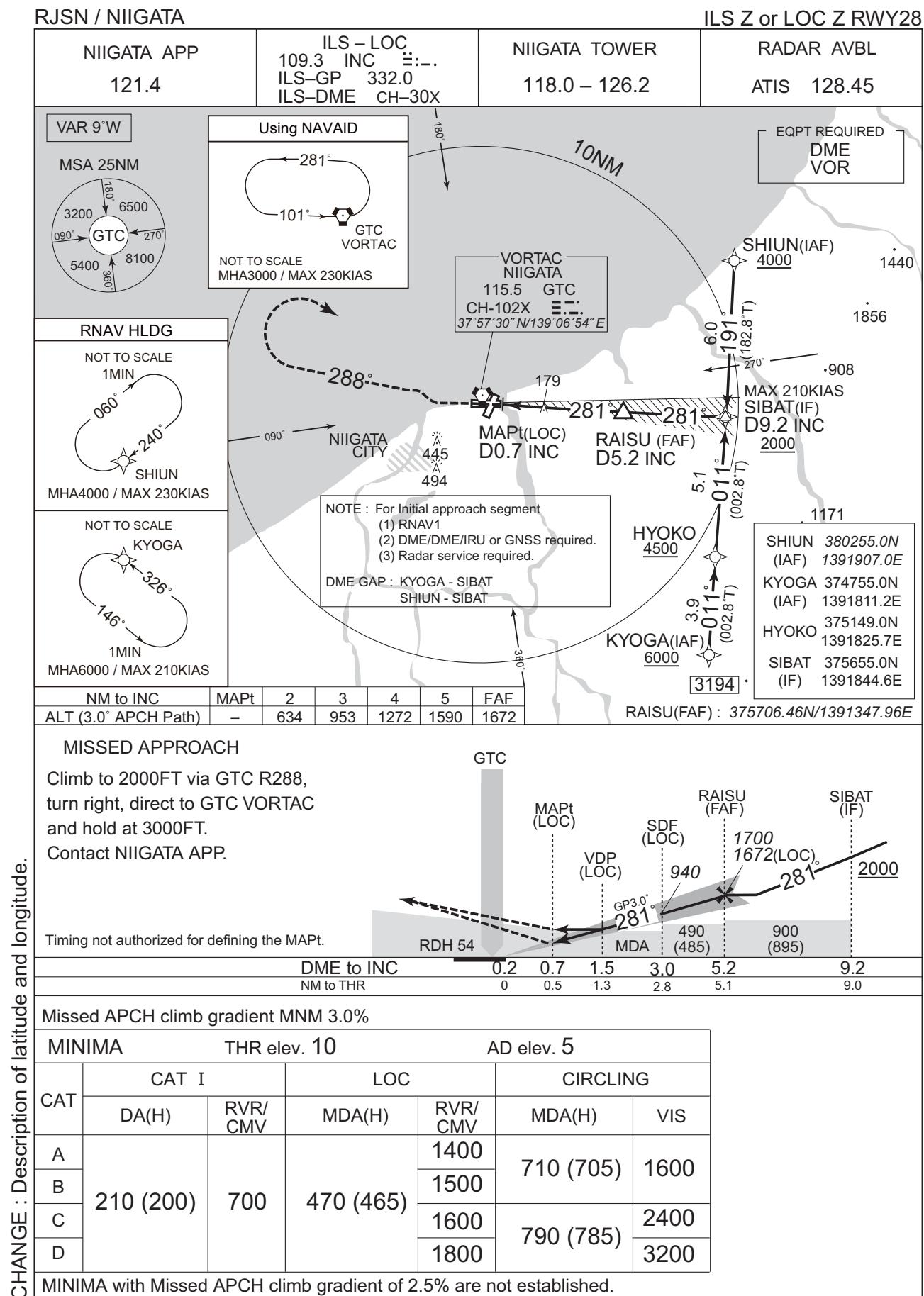
## Waypoint Coordinates

CHANGE : Waypoint Coordinates added.

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
BUDOH	382358.5N / 1391831.1E	INAHO	380947.1N / 1391217.1E

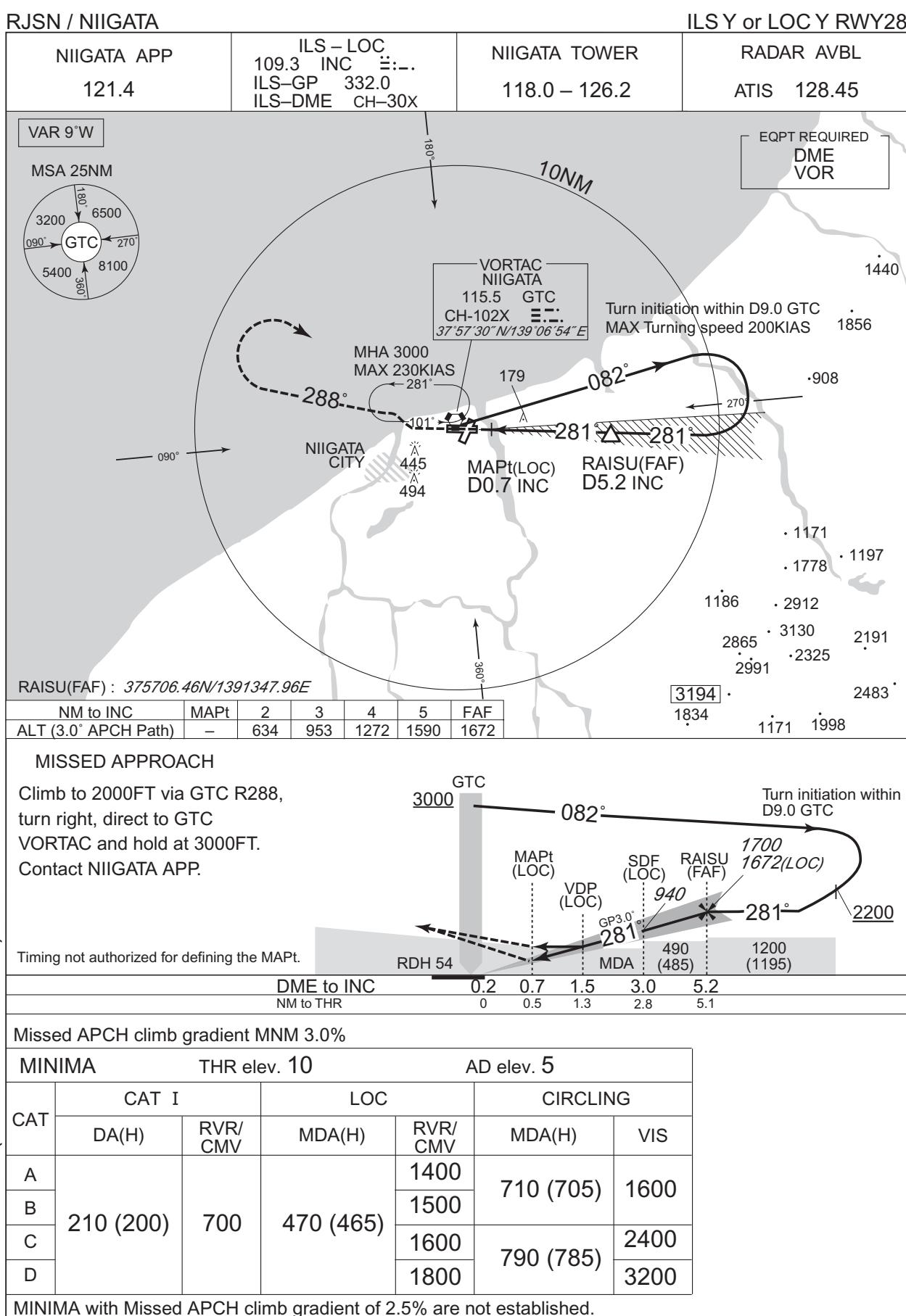
**INTENTIONALLY LEFT BLANK**

## INSTRUMENT APPROACH CHART

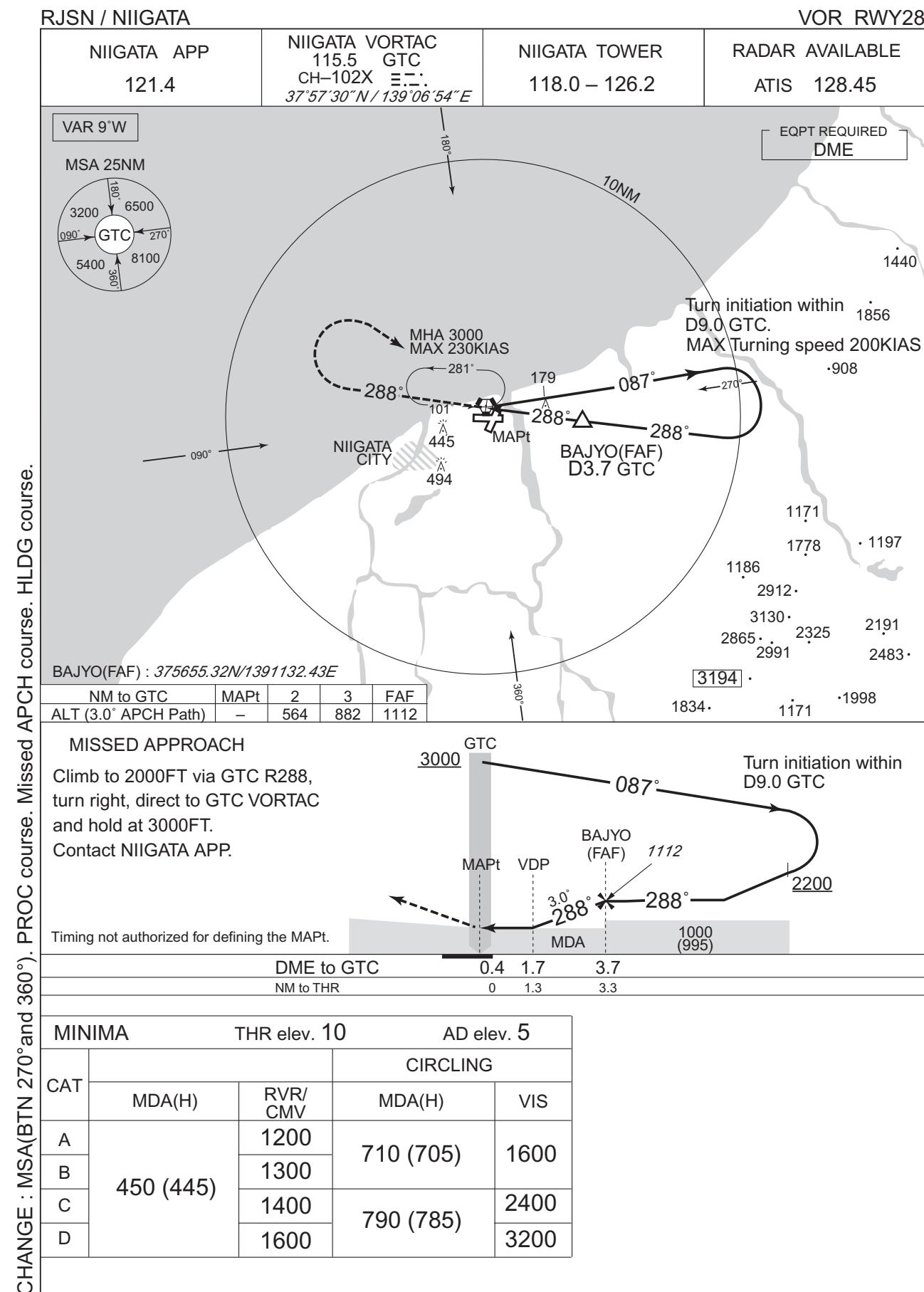


## INSTRUMENT APPROACH CHART

CHANGE : MSA(BTN 270° and 360°). PROC course. Missed APCH course. HLDG course.



## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJSN / NIIGATA

RNP Z RWY10

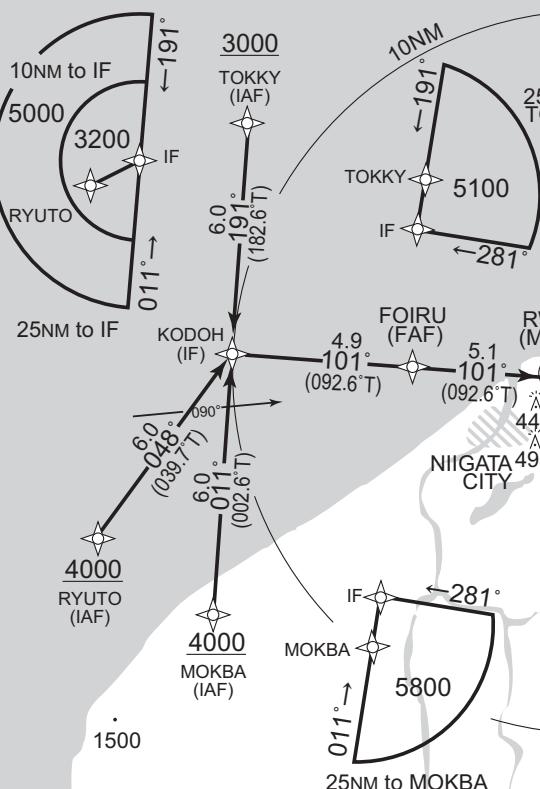
NIIGATA APP  
121.4

RNP APCH

NIIGATA TOWER  
118.0 – 126.2RADAR AVBL  
ATIS 128.45

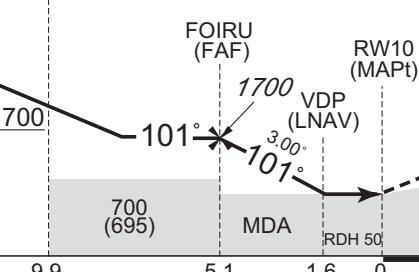
Baro-VNAV not authorized below -10°C

VAR 9°W



NM To Next Fix	FAF	5	4	3	2	MAPt
ALT (3.0° APCH Path)	1700	1669	1350	1032	713	–

KODOH (IF)



MISSSED APPROACH

Turn left, direct to INAHO  
and hold at 3000FT.  
Contact NIIGATA APP.

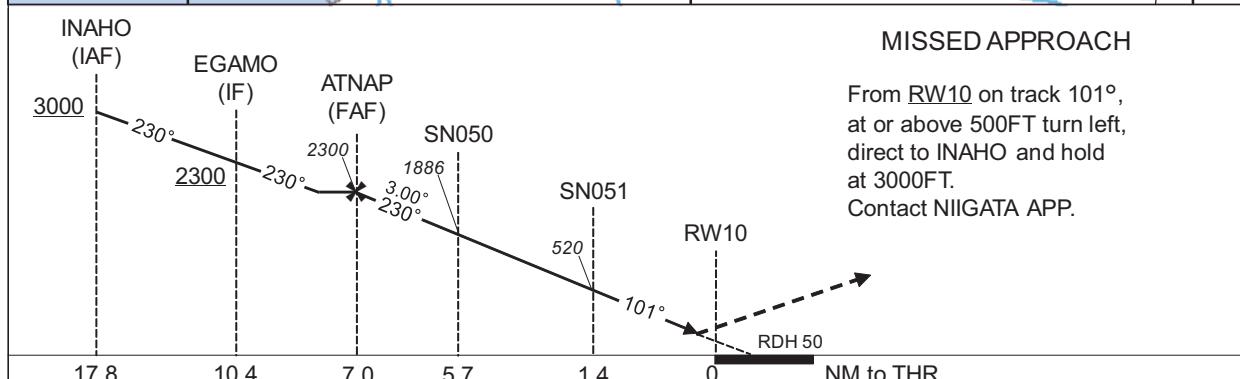
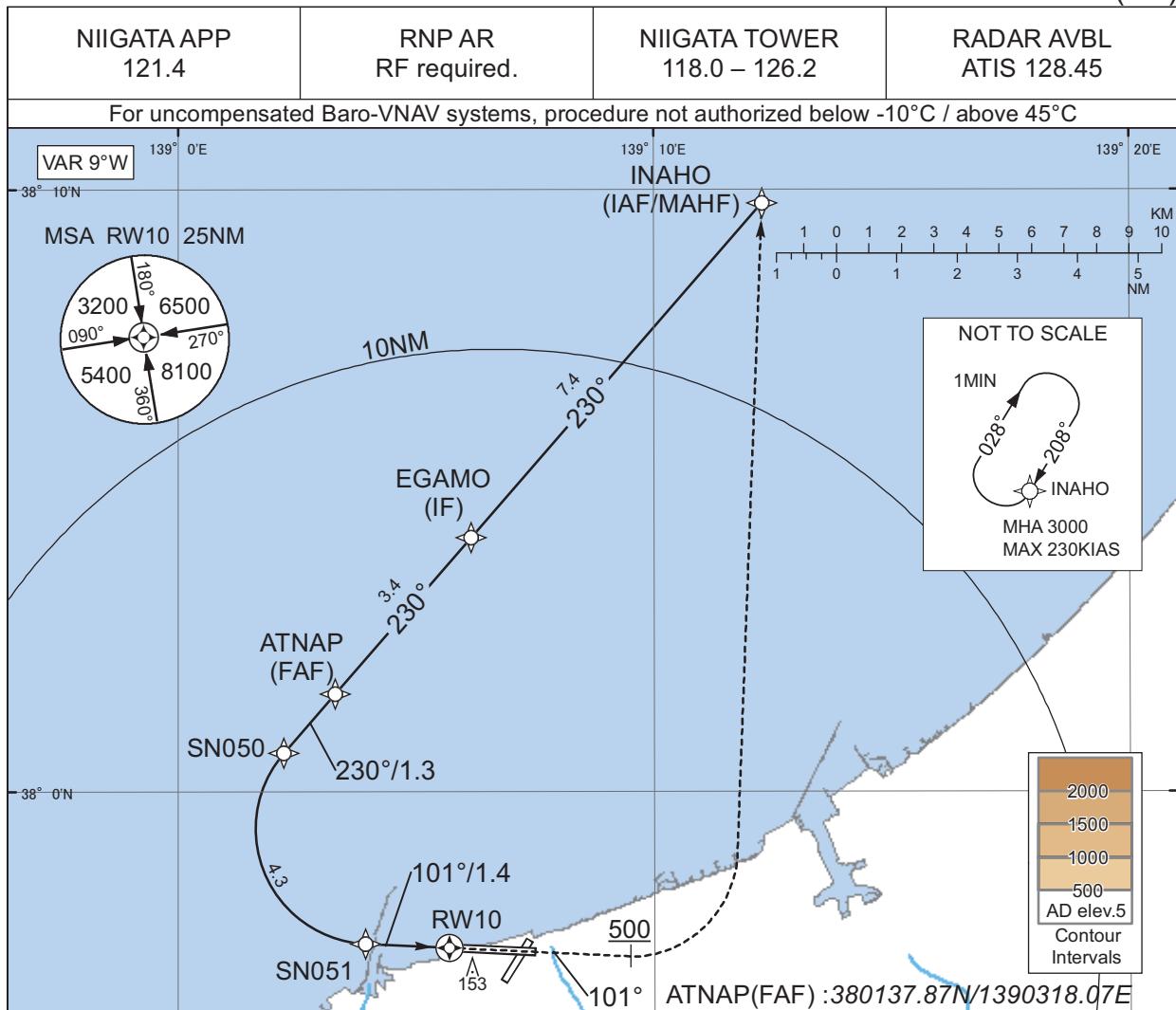
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	580 (553)	1400	580 (575)	1400	710 (705)	1600
B		1500		1500		
C		1600		1600		2400
D		1800		1800	790 (785)	3200

CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART

RJSN / NIIGATA

RNP Y RWY10(AR)



CHANGE : New PROC.

MINIMA		THR elev. 27	AD elev. 5
CAT	RNP 0.30		
	DA(H)	CMV	
A	-	-	
B			
C	305(278)	1200	
D	315(288)	1400	

**Authorization Required**

## INSTRUMENT APPROACH CHART

RJSN / NIIGATA

RNP Y RWY10(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	INAHO	-	-	-8.6	-	-	+3000	-	-	-
002	TF	EGAMO	-	230 (221.0)	-8.6	7.4	-	+2300	-	-	1.0
003	TF	ATNAP	-	230 (220.9)	-8.6	3.4	-	2300	-	-	1.0
004	TF	SN050	-	230 (220.9)	-8.6	1.3	-	1886	-	-3.00	0.3
005	RF Center: SNRF1 r=1.91NM	SN051	-	-	-8.6	4.3	L	520	-	-3.00	0.3
006	TF	RW10	Y	101 (092.7)	-8.6	1.4	-	77	-	-3.00/50	0.3
007	FA	-	-	101 (092.7)	-8.6	-	-	+500	-	-	1.0
008	DF	INAHO	-	-	-8.6	-	L	3000	-	-	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	INAHO	208 (199.1)	-8.6	1.0 (-14000)	R	3000	FL140	-230 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
INAHO	380947.11N / 1391217.05E	SNRF1	375923.46N / 1390402.94E
EGAMO	380413.79N / 1390609.55E		
ATNAP	380137.87N / 1390318.07E		
SN050	380038.89N / 1390213.27E		
SN051	375728.60N / 1390356.21E		
RW10	375724.71N / 1390541.79E		

CHANGE : New PROC.

## **INSTRUMENT APPROACH CHART**

RJSN / NIIGATA

VOR RWY10

**NIIGATA APP**  
121.4

**NIIGATA VORTAC**  
115.5 GTC  
CH-102X E--:  
37°57'30"N / 139°06'54"E

**NIIGATA TOWER**  
118.0 – 126.2

**RADAR AVAILABLE**  
ATIS 128.45

**VAR 9°W**

**EQPT REQUIRED**  
**DME**

Turn initiation within D10.0 GTC  
MAX Turning speed 200KIAS

MAPt 298° D0.9 GTC

MHA 4000 MAX 230KIAS

AIBIS(FAF) D5.9 GTC

NIIGATA CITY

MSA 25NM

3200 6500  
5400 8100

090° 270°  
300° 090°

AIBIS(FAF) : 375735.93N/1385925.16E

NM to GTC	FAF	5	4	3	MAPt
ALT (3.0° APCH Path)	1658	1368	1050	731	-

3194 · 1834 · 1171 · 1998

**MISSSED APPROACH**

Turn left, climb to 2000FT via GTC R028, turn left, direct to GTC VORTAC and hold at 4000FT.  
Contact NIIGATA APP.

Timing not authorized for defining the MAPt.

Turn initiation within D10.0 GTC

GTC 4000

1500 100° 700 (695) 5.9 2.7 0.9

1658 VDP MAPt 5.0 1.8 0

MDA 3.0° 100°

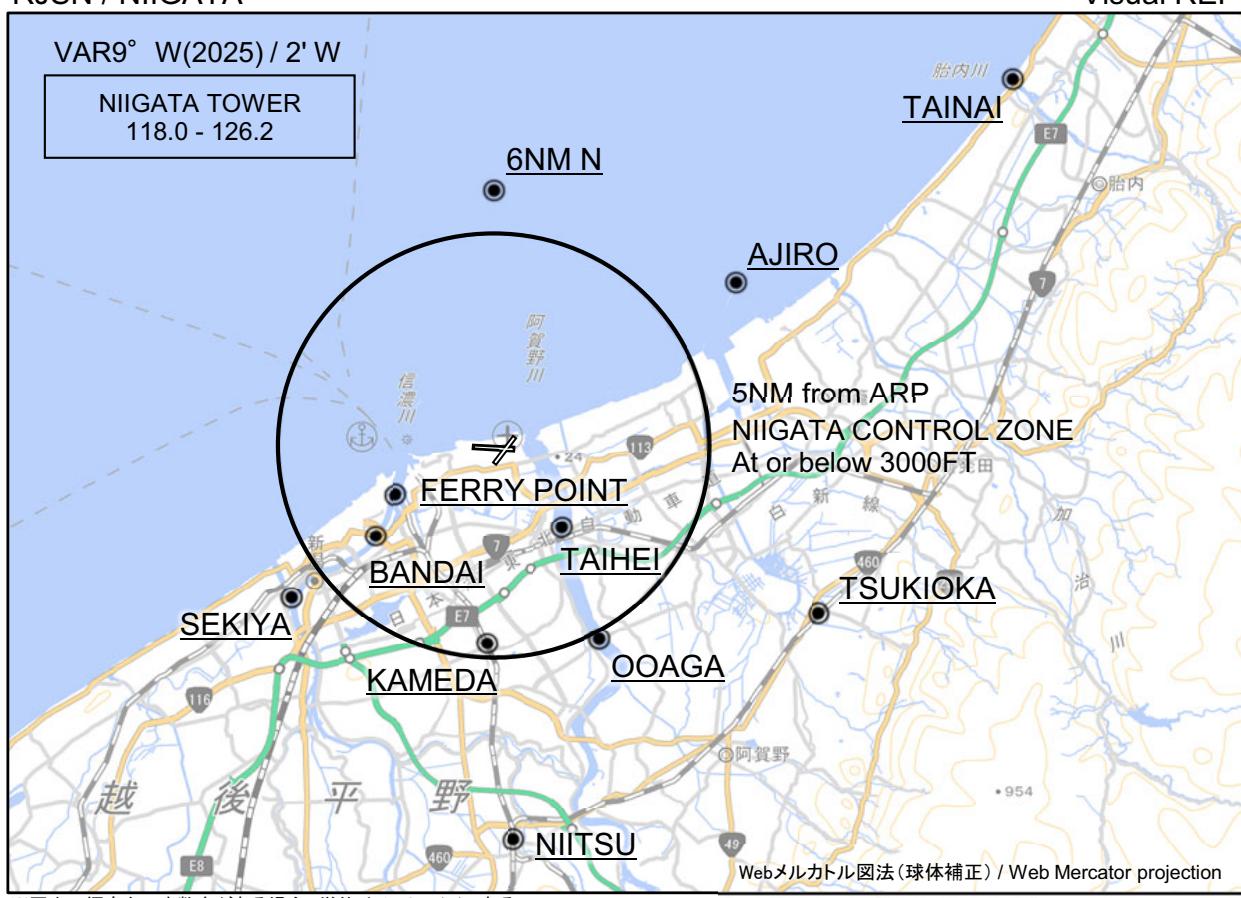
DME to GTC NM to THR

MINIMA		THR elev. 27	AD elev. 5	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	630 (625)	1400	710 (705)	1600
B		1500		2400
C		1600	790 (785)	3200
D		1800		2400

**INTENTIONALLY LEFT BLANK**

RJSN / NIIGATA

Visual REP



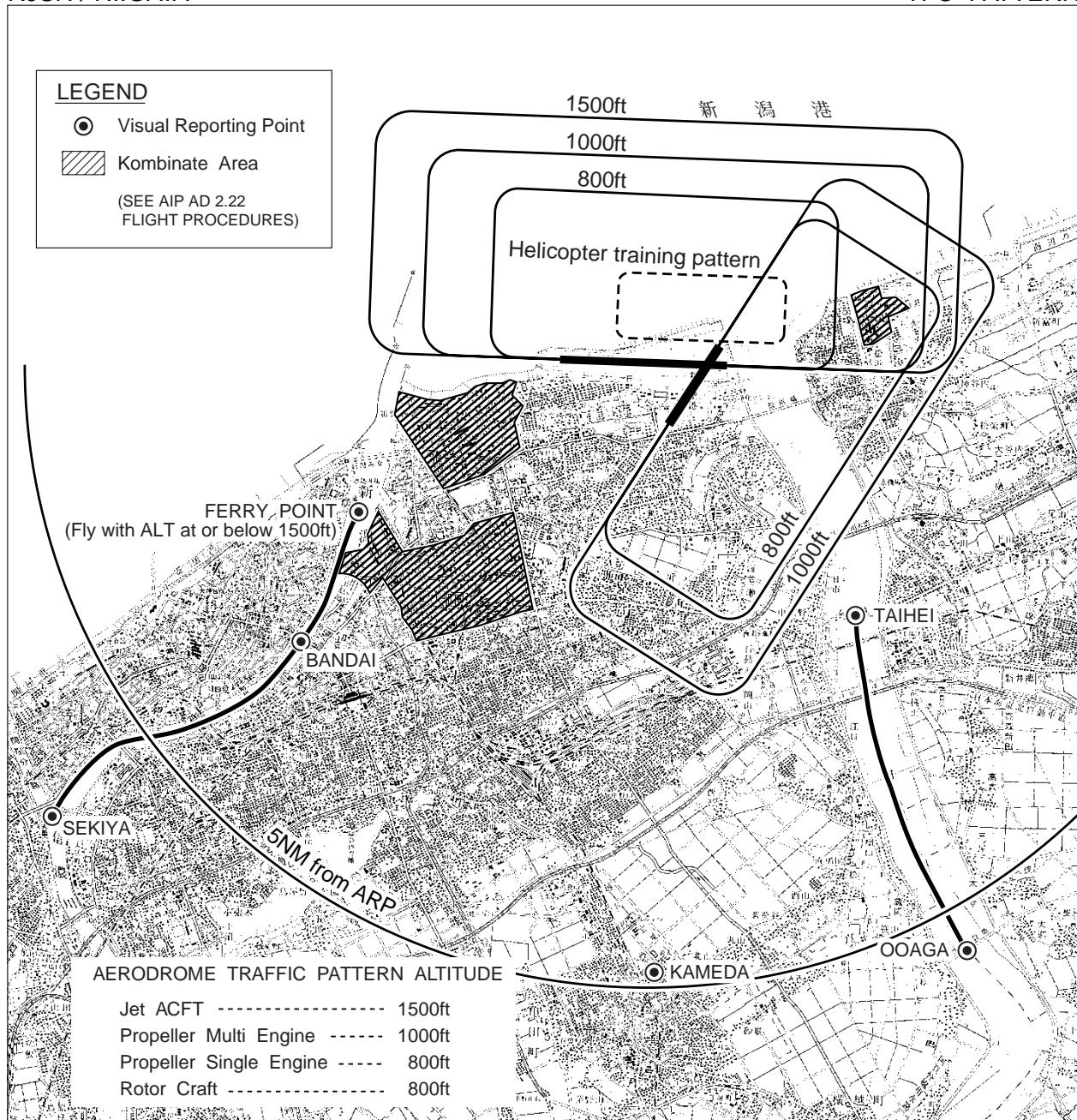
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

Call sign	BRG / DIST from ARP	Remarks
胎内 Tainai	054°T / 14.9NM	胎内川河口 River-mouth
6NM N	360°T / 6.0NM	海上 Over the sea
網代 Ajiro	056°T / 6.9NM	防波堤突端の赤色灯台 Red lighthouse at the tip of breakwater
*フェリーポイント Ferry point	243°T / 2.6NM	万代橋より信濃川下流2kmの地点 (1,500FT以下で通過すること) The point 2km down the Shinano from the Bandai Bridge.(Fly with ALT at or below 1500FT)
*泰平 Taihei	141°T / 2.5NM	橋 Bridge
*万代 Bandai	232°T / 3.5NM	橋 Bridge
関屋 Sekiya	232°T / 6.0NM	分水路への分岐点 Diverging-point for Flood-control channel
月岡 Tsukioka	118°T / 8.6NM	JR駅 Station
大阿賀 Ooaga	152°T / 5.2NM	橋 Bridge
亀田 Kameda	182°T / 4.7NM	JR駅 Station
新津 Niitsu	177°T / 9.4NM	JR駅 Station

CHANGE : VAR.

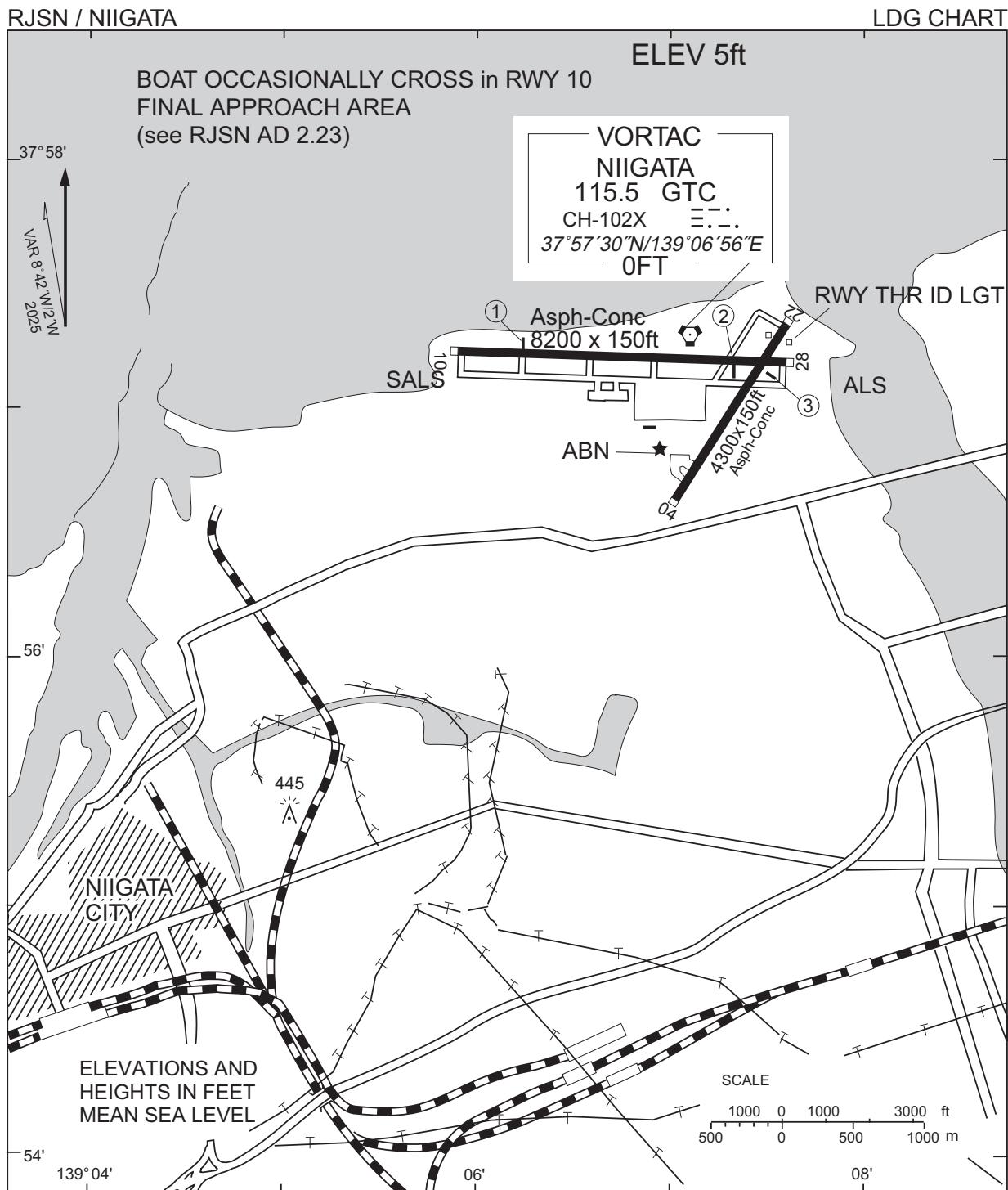
RJSN / NIIGATA

TFC PATTERN



※新潟タワーから上記ルートによる飛行の指示があった場合、VFR回転翼航空機は空港周辺における航空機騒音軽減のためVMCを維持できない場合を除き可能な限り当該ルートに沿って飛行することが望ましい。

※In order to reduce aircraft noise in the vicinity of airport, VFR Rotor Craft is expected to follow the above mentioned route when instructed by Niigata tower. (except the case of IMC)



CHANGE : VAR.

① RWY10:  
Angle 3.0°  
MEHT 22.9m (75ft)  
535m inside fm THR

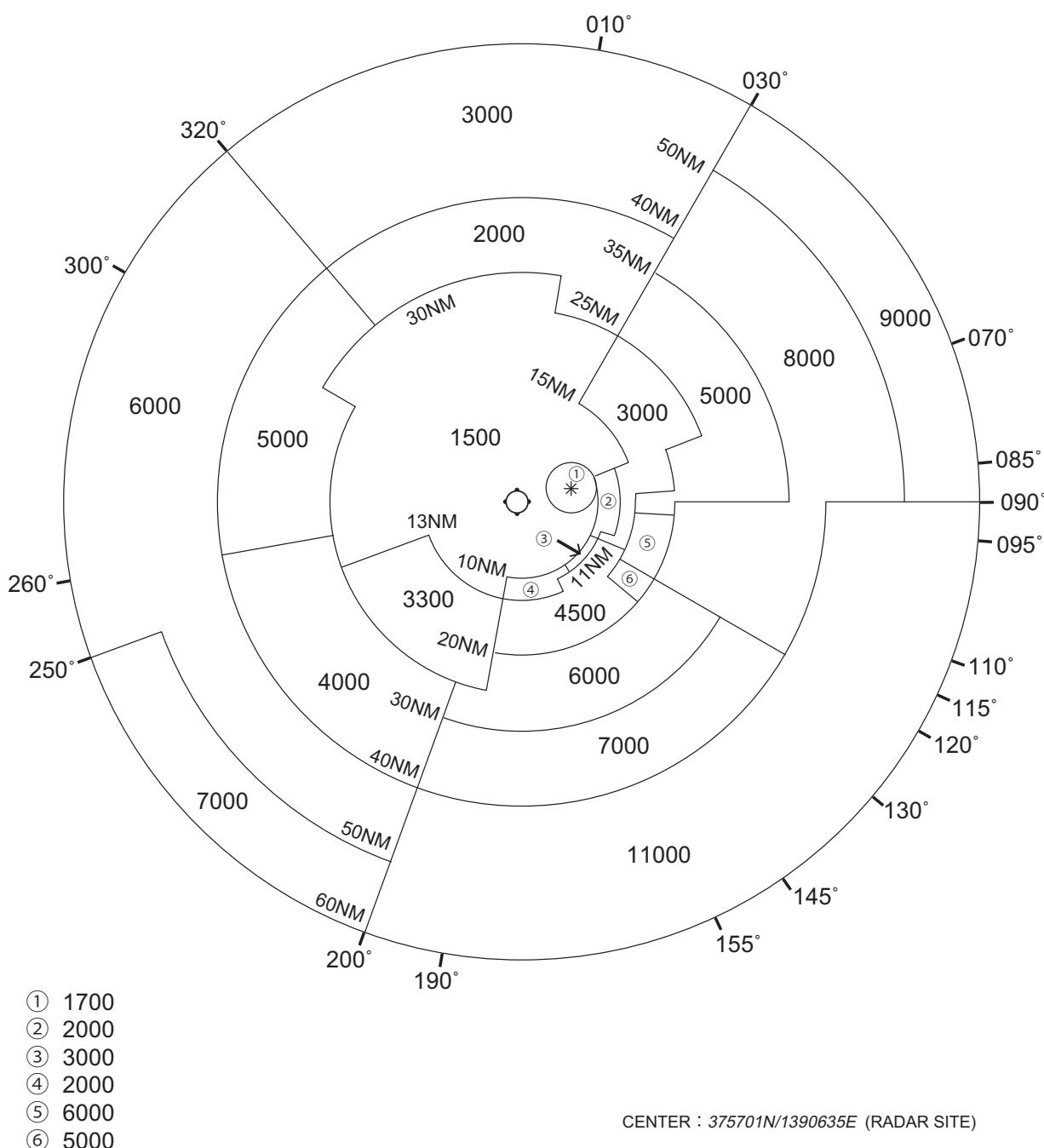
② RWY28:  
Angle 3.0°  
MEHT 19.9m (65ft)  
455m inside fm THR

③ RWY22:  
Angle 3.0°  
MEHT 18.6m (61ft)  
361m inside fm THR

RJSN / NIIGATA

Minimum Vectoring Altitude CHART

VAR 9°W (2025)



CHANGE : VAR.