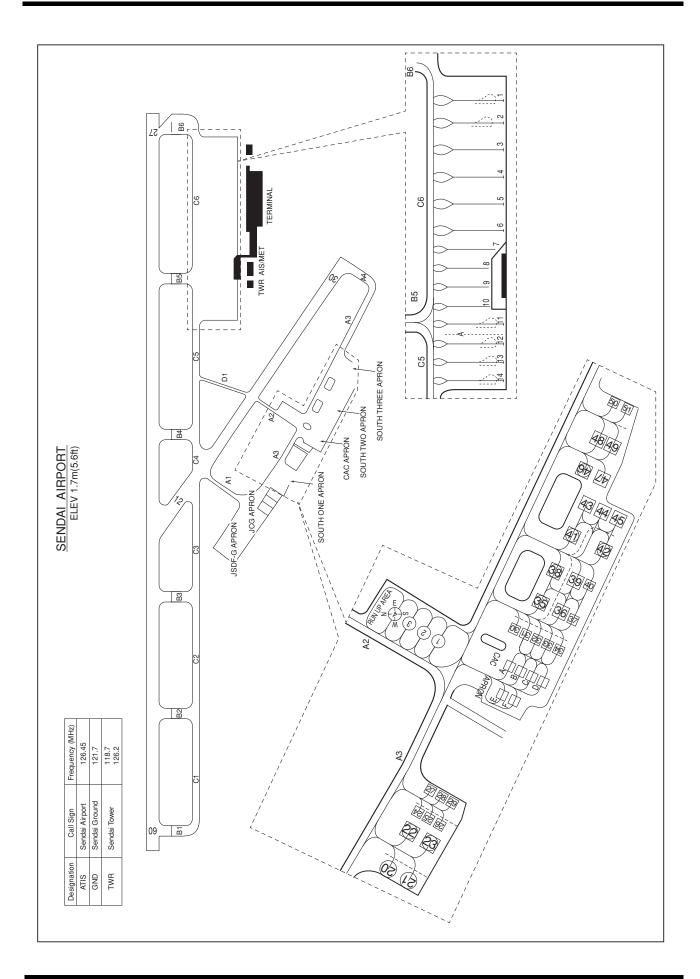
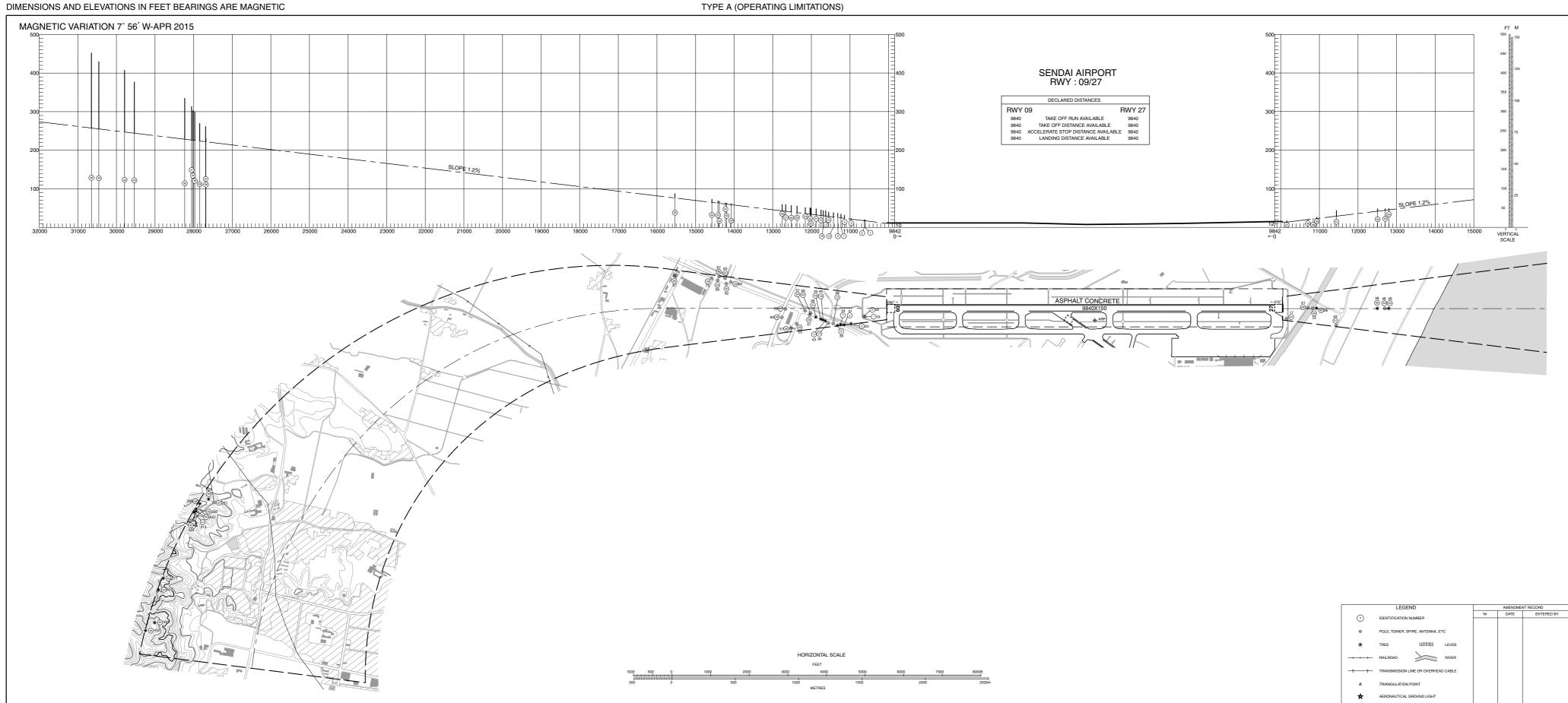
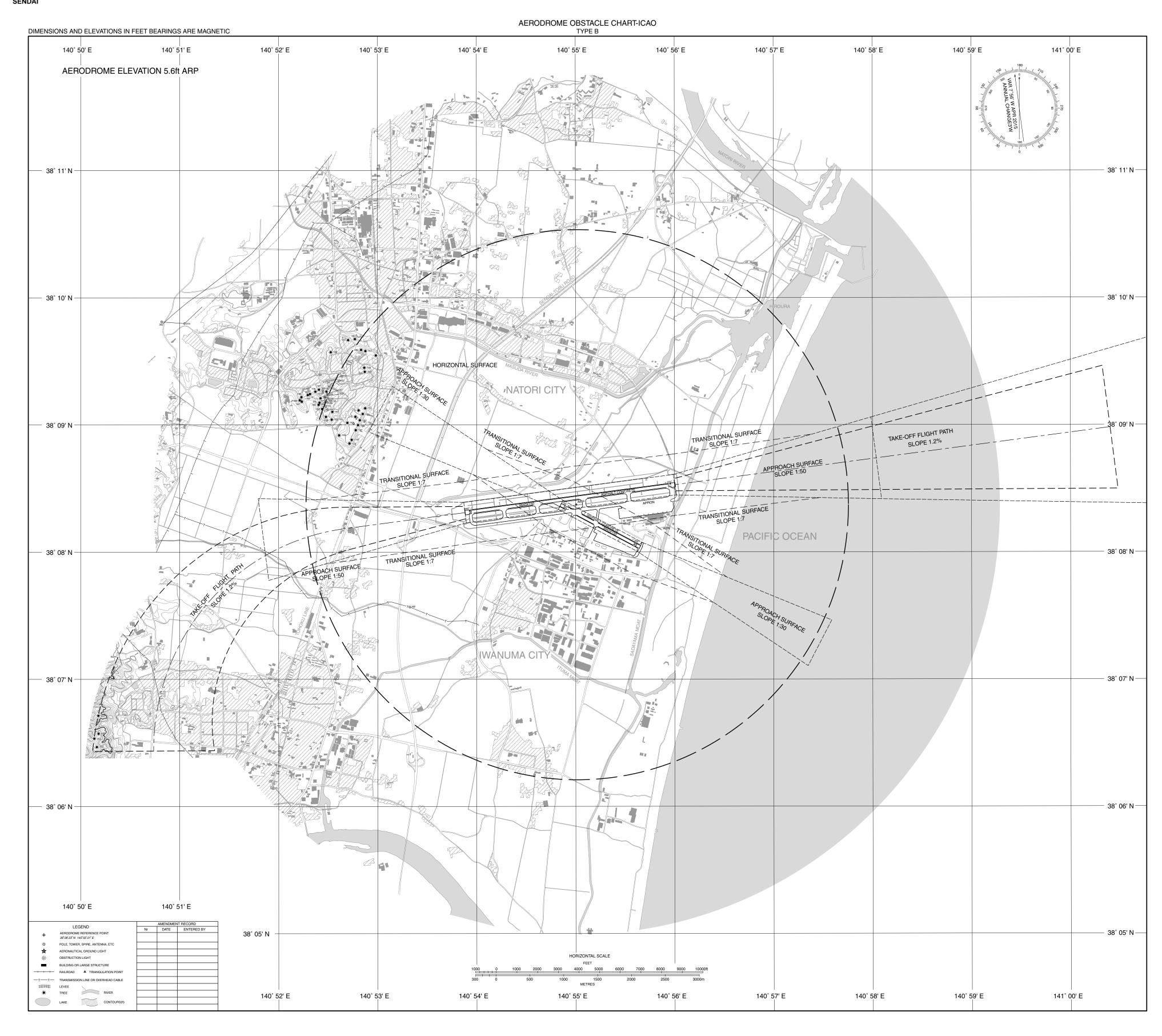


Civil Aviation Bureau, Japan (EFF:21 MAY 2020)



AERODROME OBSTACLE CHART-ICAO TYPE A (OPERATING LIMITATIONS)





RJSS / SENDAI SID

IWAKI EIGHT 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, via IXE R024 to IXE VOR/DME.

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.

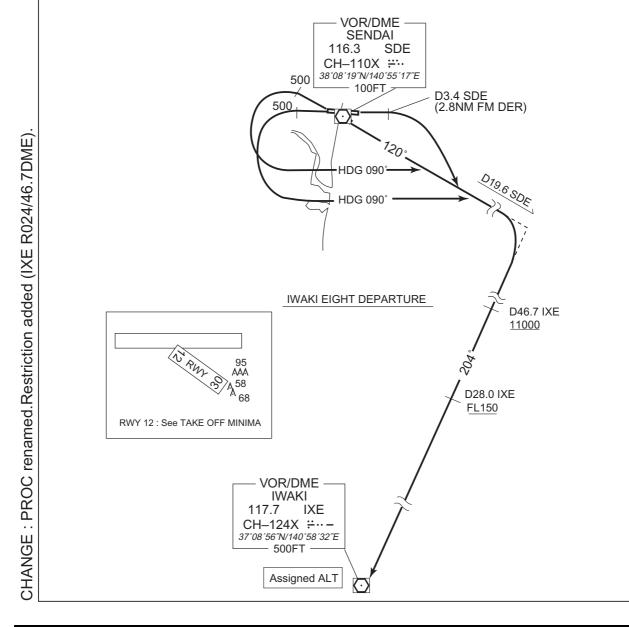
OBST ALT 62FT located at 0.2NM 102° FM end of RWY09.

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.



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.

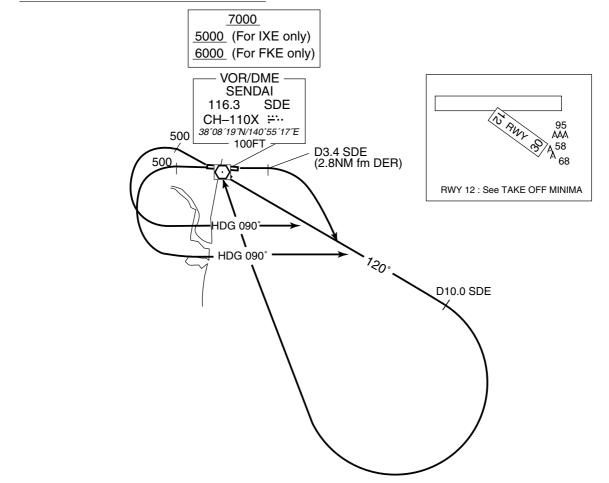
RWY 27: 5.0% climb gradient required up to 1000FT.

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.

SENDAI REVERSAL SIX DEPARTURE



RJSS / SENDAI RNAV SID and TRANSITION DERBY FOUR DEPARTURE YAMAGATA TRANSITION / NIIGATA TRANSITION / Basic RNP1 established. Navigation specification RIKYU NORTH TRANSITION / SASAP TRANSITION Note GNSS required. VOR/DMF VOR/DMF VAR 8°W (2020) **SENDAI** YAMAGATA 116.3 SDE 113.0 YTE CH-110X CH-77X YAMAGATA 38°08′19″N/140°55′17″E 38°23′19″N/140°21′29″E (YTE) - 100FT 400FT 382319.0N 500 1402128.6E 091 SS901 YAMAGATA TRANSITION **VORTAC** 271 SS701 380854.6N NIIGATA 1405935.6E 115.5 GTC 380758 5N CH-102X 1405031.7E 37°57′30″N/139°06′54″E **DERBY** SASAP TRANSITION 0FT 380012.7N 1402748.4E NIIGATA TRANSITION 9000 63.9 276 17.6 276 285 **EBOSI NIIGATA** 380028.7N (GTC) 1403735.8E **ANEMO** 375729.9N 375833.5N DERBY FOUR DEPARTURE 1390653 6F 26.8 1405950 4F RIKYU NORTH TRANSITION, 189° 49.3 RIKYU NORTH TRANSITION 188° **RIKYU** 373327.8N SASAP TRANSITION 1402731.8E SASAP 371055.2N 1402824.4E DERBY

DERBY FOUR DEPARTURE

RWY09: Climb on HDG091° at or above 500FT, direct to SS901, turn right direct to ANEMO, to EBOSI, to DERBY at or above 9000FT.

RWY27: Climb on HDG271° at or above 500FT, direct to SS701, turn left direct to EBOSI, to DERBY at or above 9000FT.

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

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

RWY27: 5.9% climb gradient required up to 1300FT.

OBST ALT 1181FT located at 4.6NM 285° FM end of RWY27.

YAMAGATA TRANSITION

From DERBY at or above 9000FT, to YTE.

NIIGATA TRANSITION

From DERBY at or above 9000FT, to GTC.

RIKYU NORTH TRANSITION

From DERBY at or above 9000FT, to RIKYU.

SASAP TRANSITION

From DERBY at or above 9000FT, to SASAP.

restriction at

ALT

course.

SID

RNAV.

Sensor for

RJSS / SENDAI

RNAV SID and TRANSITION

DERBY FOUR DEPARTURE

RWY09

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	091 (082.5)	-8.3	_	_	+500	_	_	Basic RNP1
002	DF	SS901	Υ	_	-8.3	_	_	_	_	_	Basic RNP1
003	DF	ANEMO	_	_	-8.3	_	R	_	_	_	Basic RNP1
004	TF	EBOSI	_	285 (276.4)	-8.3	17.6	_	_	_	_	Basic RNP1
005	TF	DERBY	_	276 (268.1)	-8.3	7.7	_	+9000	_	_	Basic 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	_	_	Basic RNP1
002	DF	SS701	Υ	_	-8.3	_	_	_	_	_	Basic RNP1
003	DF	EBOSI	_	-	-8.3	_	L	_	_	_	Basic RNP1
004	TF	DERBY	_	276 (268.1)	-8.3	7.7	_	+9000	_	_	Basic RNP1

RJSS / SENDAI

RNAV SID and TRANSITION

YAMAGATA TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over		Magnetic Variation		Turn Direction		Speed (KIAS)		Navigation Specification
001	IF	DERBY	_	_	-8.3	_	_	+9000	_	_	Basic RNP1
002	TF	YTE	_	356 (347.9)	-8.3	23.7	_	_	_	_	Basic RNP1

NIIGATA TRANSITION

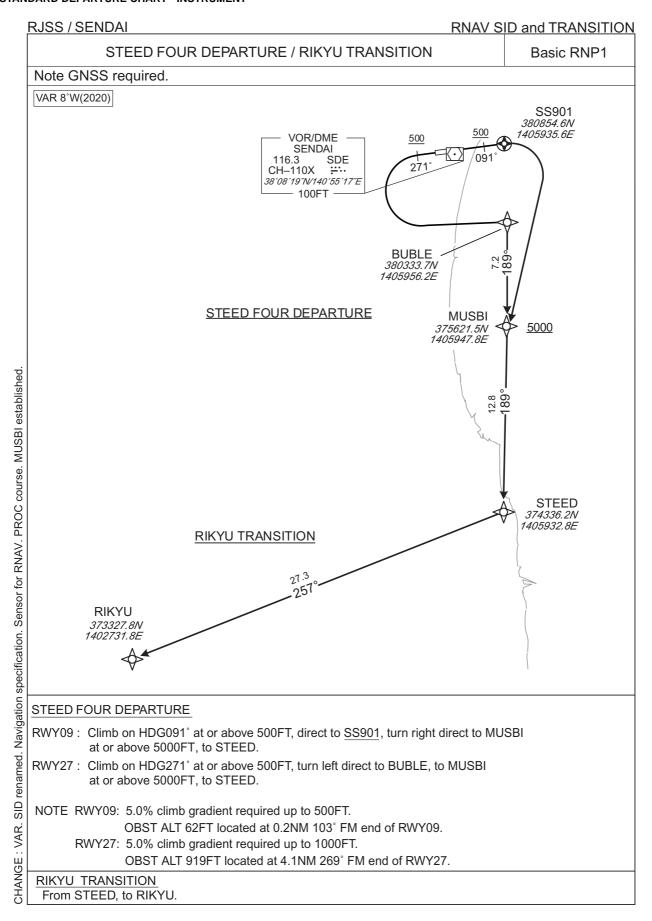
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over		Magnetic Variation		Turn Direction		l '		Navigation Specification
001	IF	DERBY	_	_	-8.3	_	_	+9000	_	_	Basic RNP1
002	TF	GTC	_	276 (268.0)	-8.3	63.9	_	_	_	_	Basic RNP1

RIKYU NORTH TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over		Magnetic Variation		Turn Direction		l '		Navigation Specification
001	IF	DERBY	_	_	-8.3	_	_	+9000	_	_	Basic RNP1
002	TF	RIKYU	_	189 (180.5)	-8.3	26.8	_	_	_	_	Basic RNP1

SASAP TRANSITION

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	DERBY	_	_	-8.3	_	_	+9000	_	_	Basic RNP1
002	TF	SASAP	_	188 (179.4)	-8.3	49.3	_	_	_	_	Basic RNP1



RJSS / SENDAI

RNAV SID and TRANSITION

STEED FOUR DEPARTURE

RWY09

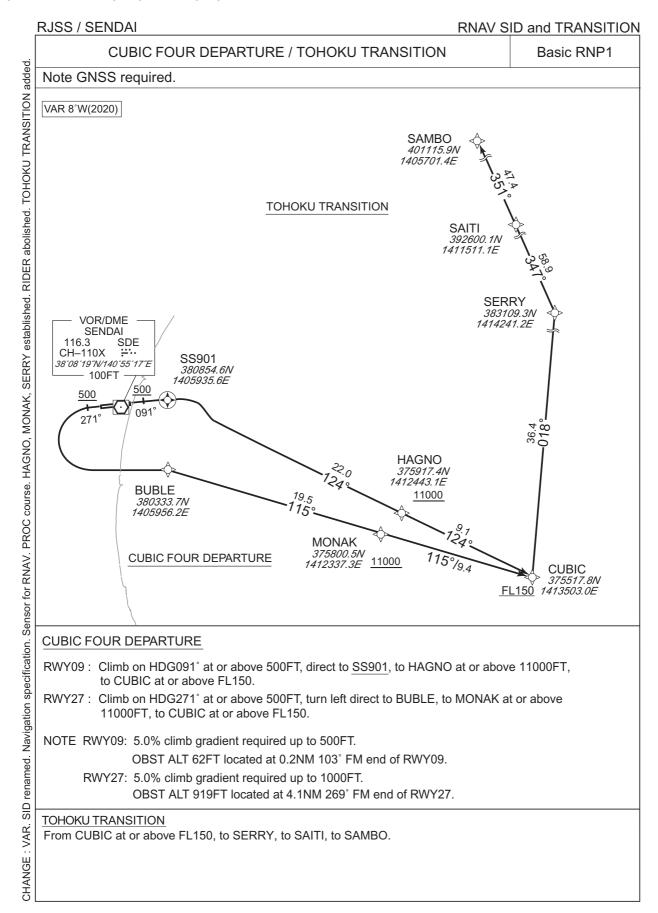
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	091 (082.5)	-8.3	_	_	+500	_	_	Basic RNP1
002	DF	SS901	Υ	-	-8.3	_	_	_	_	_	Basic RNP1
003	DF	MUSBI	_	_	-8.3	_	R	+5000	_	_	Basic RNP1
004	TF	STEED	_	189 (180.9)	-8.3	12.8	_	_	_	_	Basic RNP1

RWY27

Serial	Path	Waypoint	Fly	Course	Magnetic			Altitude	'		
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	271 (262.5)	-8.3	_	_	+500	_	_	Basic RNP1
002	DF	BUBLE	_	_	-8.3	_	L	_	_	_	Basic RNP1
003	TF	MUSBI	_	189 (180.9)	-8.3	7.2	_	+5000	_	_	Basic RNP1
004	TF	STEED	_	189 (180.9)	-8.3	12.8	_	_	_	_	Basic RNP1

RIKYU TRANSITION

	Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
١	Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
	001	IF	STEED	_	_	-8.3	_	_	_	_	_	Basic RNP1
	002	TF	RIKYU	_	257 (248.4)	-8.3	27.3	_	_	_	_	Basic RNP1



RJSS / SENDAI

RNAV SID and TRANSITION

CUBIC FOUR DEPARTURE

RWY09

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	091 (082.5)	-8.3	_	_	+500		_	Basic RNP1
002	DF	SS901	Υ	_	-8.3	_	_	_	_	_	Basic RNP1
003	TF	HAGNO	_	124 (115.8)	-8.3	22.0	_	+11000	_	_	Basic RNP1
004	TF	CUBIC	_	124 (116.1)	-8.3	9.1	_	+FL150	_	_	Basic RNP1

RWY27

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	271 (262.5)	-8.3	_	_	+500	_	_	Basic RNP1
002	DF	BUBLE	_	_	-8.3	_	L	_	_	_	Basic RNP1
003	TF	MONAK	_	115 (106.4)	-8.3	19.5	_	+11000	_	_	Basic RNP1
004	TF	CUBIC	_	115 (106.7)	-8.3	9.4	_	+FL150	_	_	Basic RNP1

TOHOKU TRANSITION

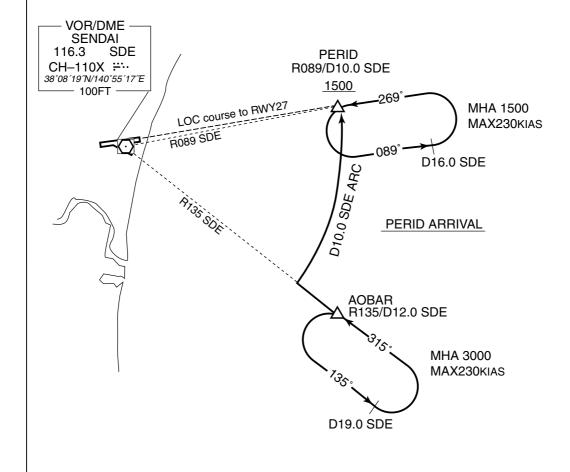
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CUBIC	_	_	-8.3	_	_	+FL150	_	_	Basic RNP1
002	TF	SERRY	_	018 (009.5)	-8.3	36.4	_	_	_	_	Basic RNP1
003	TF	SAITI	_	347 (338.8)	-8.3	58.9	_	_		_	Basic RNP1
004	TF	SAMBO	_	351 (343.0)	-8.3	47.4	_	_	_	_	Basic RNP1

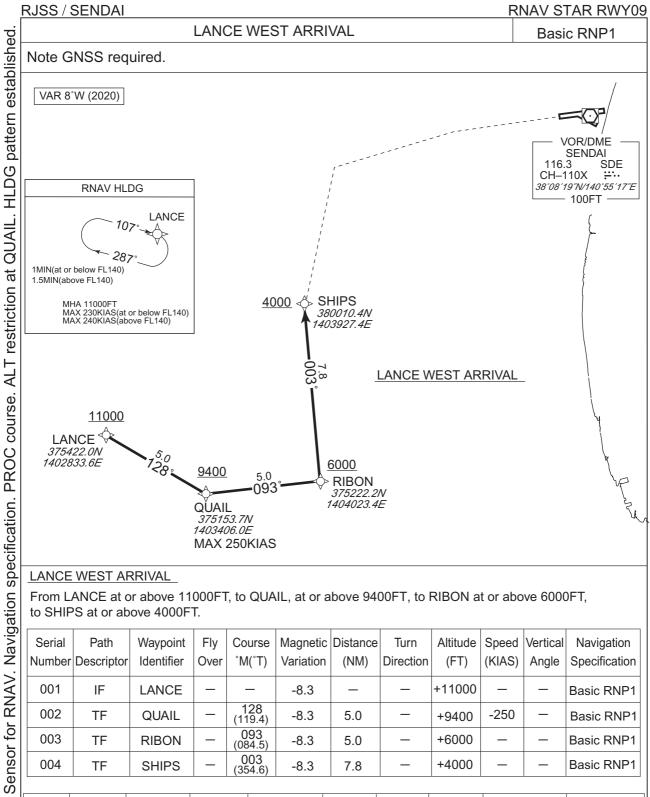
RJSS / SENDAI STAR

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.





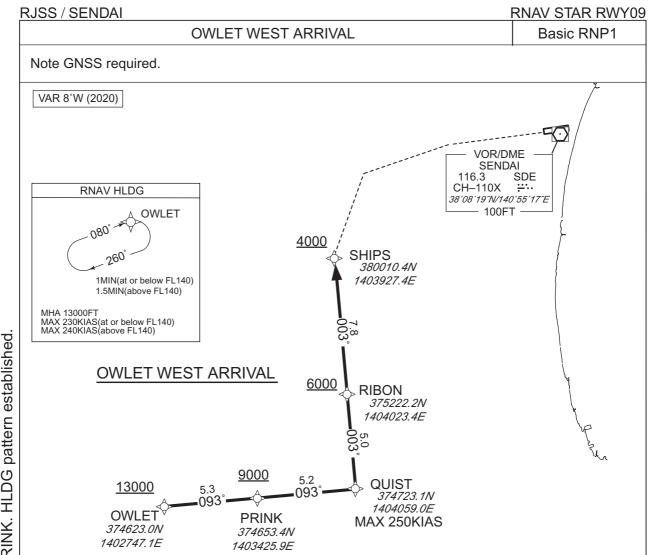
LANCE WEST ARRIVAL

From LANCE at or above 11000FT, to QUAIL, at or above 9400FT, to RIBON at or above 6000FT, to SHIPS at or above 4000FT.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	LANCE	_	_	-8.3	_	_	+11000	_	_	Basic RNP1
002	TF	QUAIL	_	128 (119.4)	-8.3	5.0	_	+9400	-250	_	Basic RNP1
003	TF	RIBON	_	093 (084.5)	-8.3	5.0	_	+6000	_	_	Basic RNP1
004	TF	SHIPS	_	003 (354.6)	-8.3	7.8	_	+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	LANCE	107 (098.3)	-8.3	1.0(-14000) 1.5(+14001)	R	11000	_	-230(-14000) -240(+14001)	Basic RNP1

CHANGE: VAR.

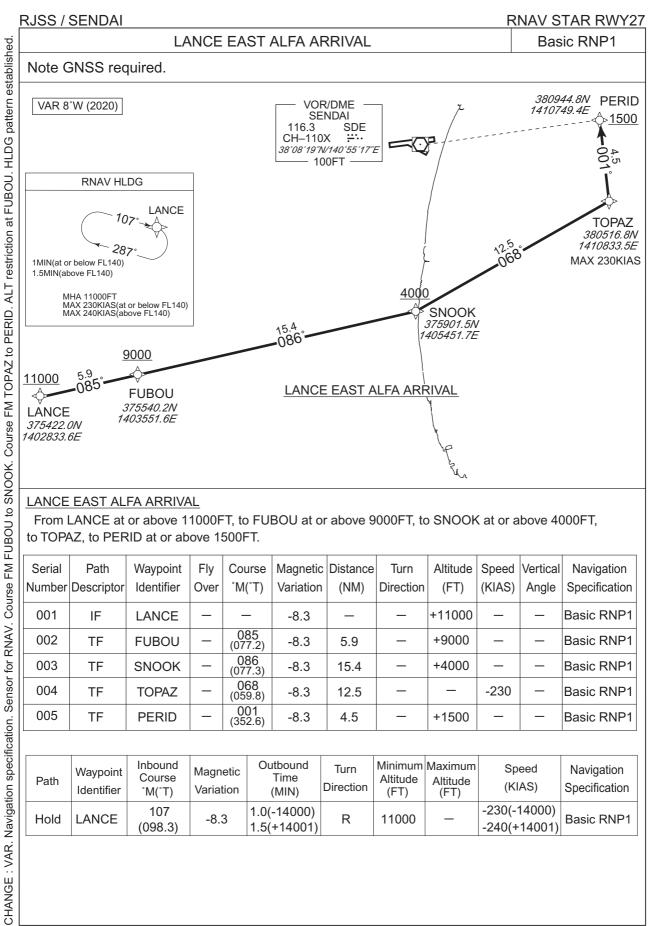


OWLET WEST ARRIVAL

From OWLET at or above 13000FT, to PRINK at or above 9000FT, to QUIST, to RIBON at or above 6000FT, to SHIPS 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	OWLET	_	_	-8.3	_	_	+13000	_	_	Basic RNP1
002	TF	PRINK	_	093 (084.4)	-8.3	5.3	_	+9000	_	_	Basic RNP1
003	TF	QUIST	_	093 (084.5)	-8.3	5.2	_	_	-250	_	Basic RNP1
004	TF	RIBON	_	003 (354.6)	-8.3	5.0	_	+6000	_	_	Basic RNP1
005	TF	SHIPS	_	003 (354.6)	-8.3	7.8	_	+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	OWLET	080 (071.7)	-8.3	1.0(-14000) 1.5(+14001)	R	13000	_	-230(-14000) -240(+14001)	Basic RNP1

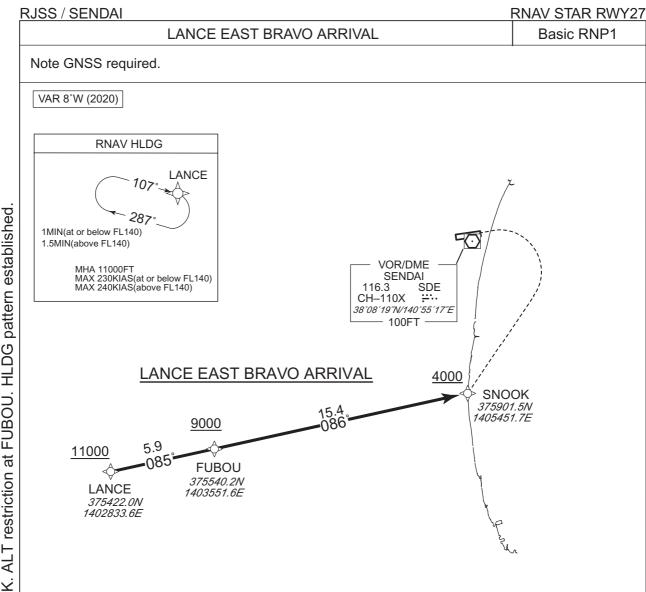


LANCE EAST ALFA ARRIVAL

From LANCE at or above 11000FT, to FUBOU at or above 9000FT, to SNOOK at or above 4000FT, to TOPAZ, to PERID at or above 1500FT.

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	LANCE	_	_	-8.3	_	_	+11000	_	_	Basic RNP1
002	TF	FUBOU	_	085 (077.2)	-8.3	5.9	_	+9000	_	_	Basic RNP1
003	TF	SNOOK	_	086 (077.3)	-8.3	15.4	_	+4000	_	_	Basic RNP1
004	TF	TOPAZ	_	068 (059.8)	-8.3	12.5	_	_	-230	_	Basic RNP1
005	TF	PERID	_	001 (352.6)	-8.3	4.5	_	+1500	_	_	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	LANCE	107 (098.3)	-8.3	1.0(-14000) 1.5(+14001)	R	11000	_	-230(-14000) -240(+14001)	Basic RNP1



LANCE EAST BRAVO ARRIVAL

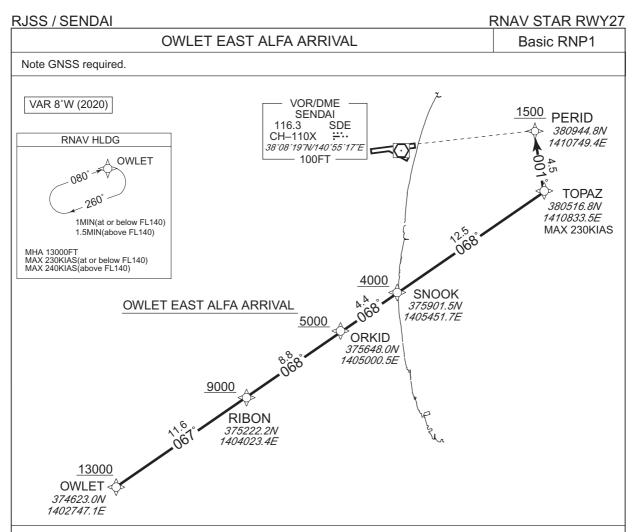
From LANCE at or above 11000FT, to FUBOU at or above 9000FT, to SNOOK at or above 4000FT.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)		Navigation Specification
001	IF	LANCE	_	_	-8.3	_	-	+11000	_	_	Basic RNP1
002	TF	FUBOU	_	085 (077.2)	-8.3	5.9	_	+9000	_	_	Basic RNP1
003	TF	SNOOK	_	086 (077.3)	-8.3	15.4	_	+4000	_	_	Basic RNP1

Pat	th	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Но	ld	LANCE	107 (098.3)	-8.3	1.0(-14000) 1.5(+14001)	R	11000	_	-230(-14000) -240(+14001)	Basic RNP1

HLDG pattern established

STANDARD ARRIVAL CHART-INSTRUMENT

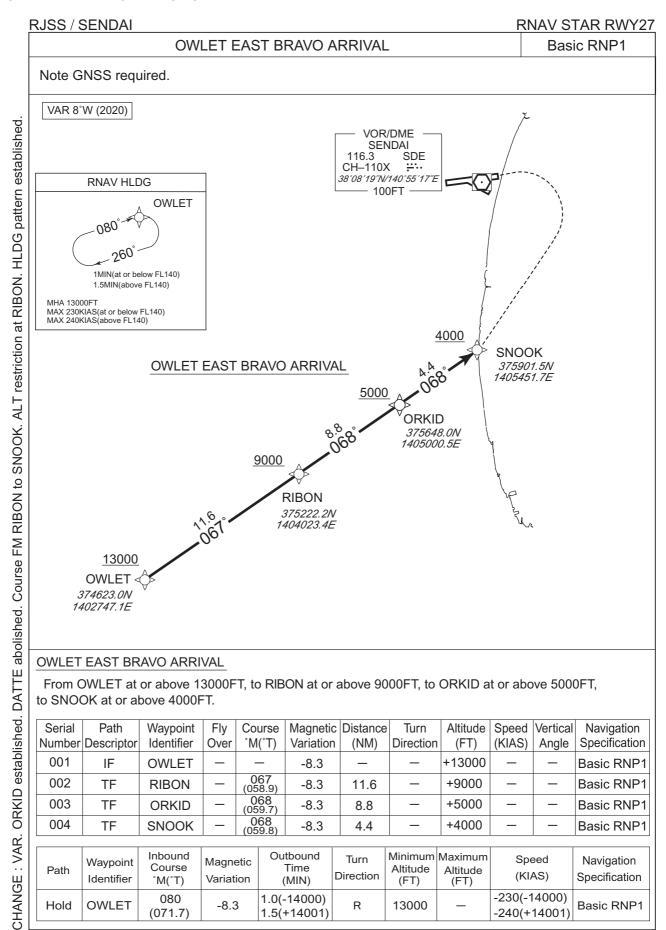


OWLET EAST ALFA ARRIVAL

From OWLET at or above 13000FT, to RIBON at or above 9000FT, to ORKID at or above 5000FT, to SNOOK at or above 4000FT, to TOPAZ, to PERID at or above 1500FT.

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	_	_	Basic RNP1
002	TF	RIBON	_	067 (058.9)	-8.3	11.6	_	+9000	_	_	Basic RNP1
003	TF	ORKID	_	068 (059.7)	-8.3	8.8	_	+5000	_	_	Basic RNP1
004	TF	SNOOK	_	068 (059.8)	-8.3	4.4	_	+4000	_	_	Basic RNP1
005	TF	TOPAZ	_	068 (059.8)	-8.3	12.5	_	_	-230	_	Basic RNP1
006	TF	PERID	_	001 (352.6)	-8.3	4.5	_	+1500	_	_	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	OWLET	080 (071.7)	-8.3	1.0(-14000) 1.5(+14001)	R	13000	_	-230(-14000) -240(+14001)	Basic RNP1



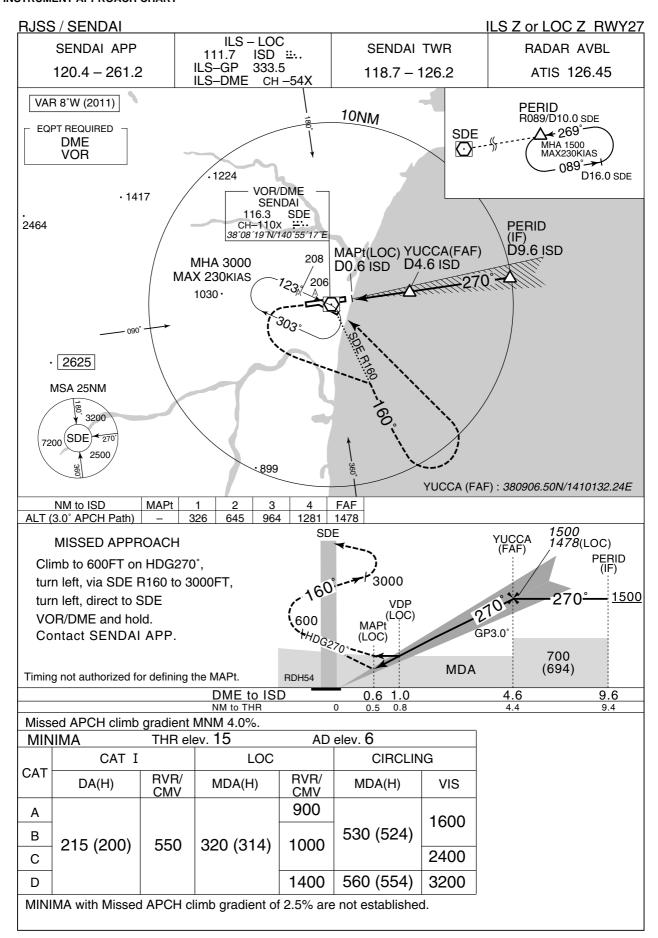
OWLET EAST BRAVO ARRIVAL

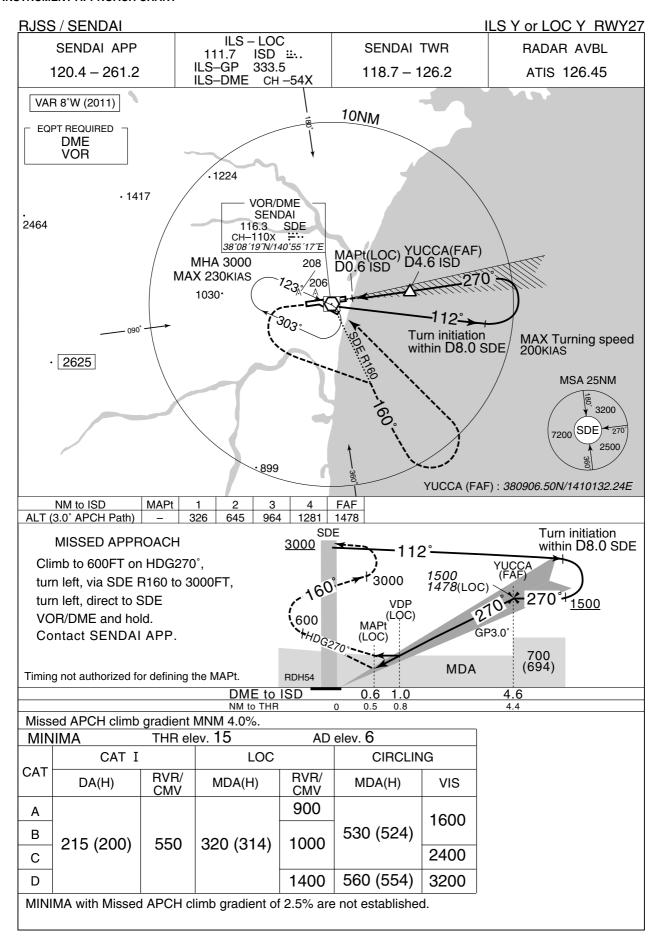
From OWLET at or above 13000FT, to RIBON at or above 9000FT, to ORKID at or above 5000FT, to SNOOK at or above 4000FT.

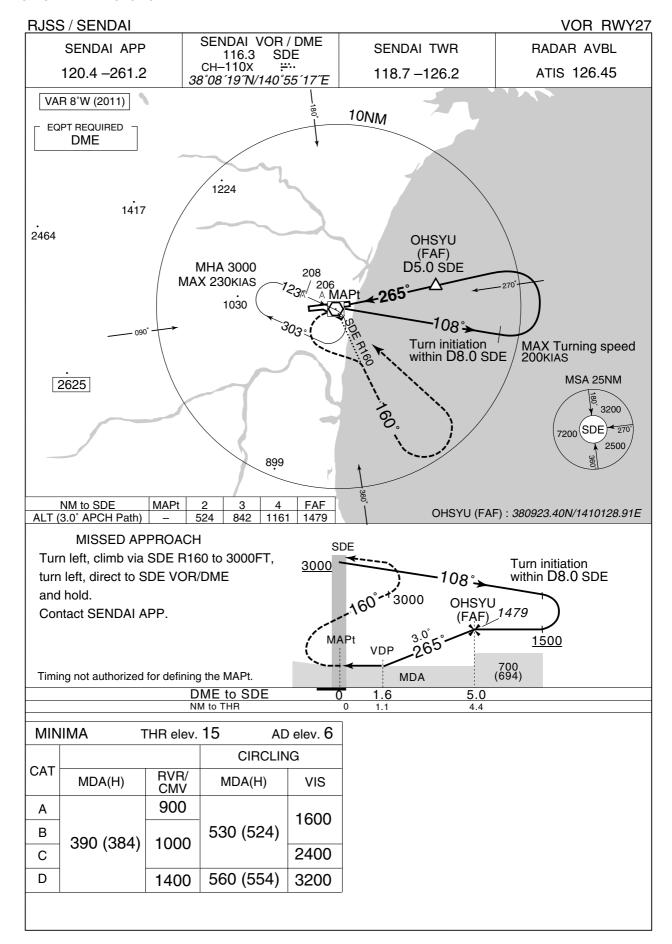
Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	OWLET	_	_	-8.3	_	_	+13000	_	_	Basic RNP1
002	TF	RIBON	_	067 (058.9)	-8.3	11.6	_	+9000	_	_	Basic RNP1
003	TF	ORKID	_	068 (059.7)	-8.3	8.8	_	+5000	_	_	Basic RNP1
004	TF	SNOOK	_	068 (059.8)	-8.3	4.4	_	+4000	_	_	Basic RNP1

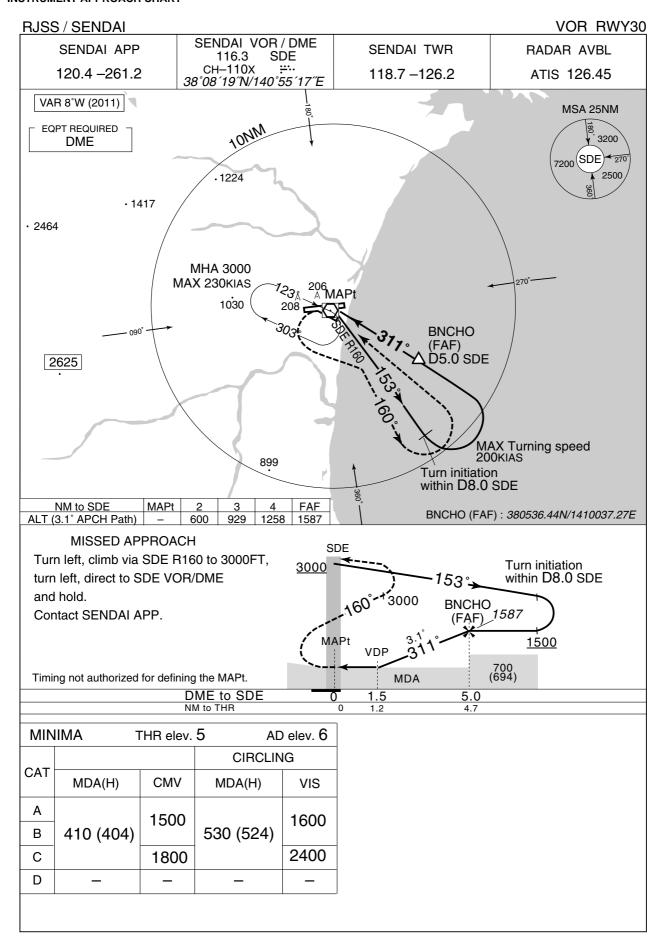
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	OWLET	080 (071.7)	-8.3	1.0(-14000) 1.5(+14001)	R	13000	1	-230(-14000) -240(+14001)	Basic RNP1

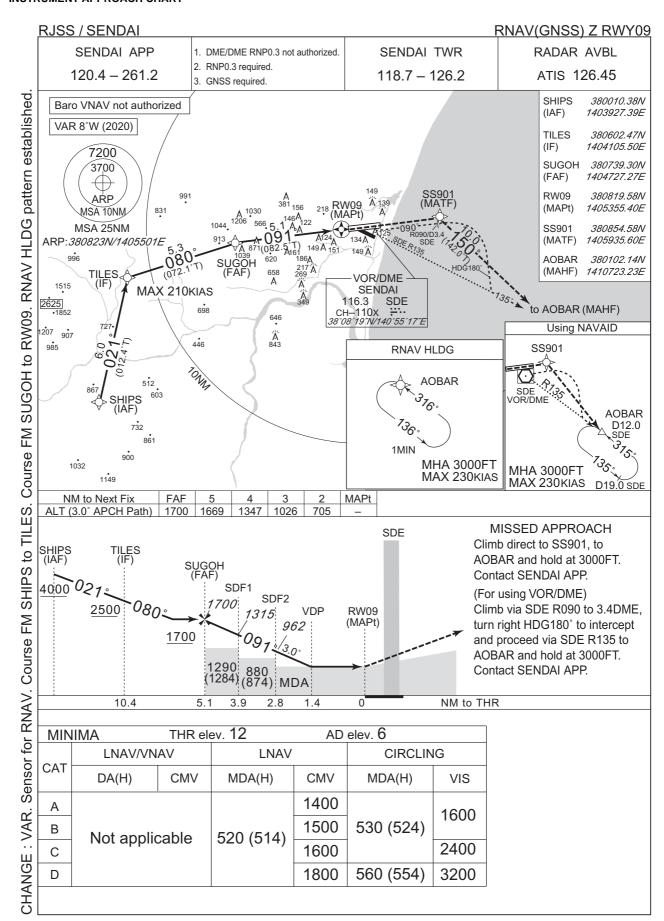


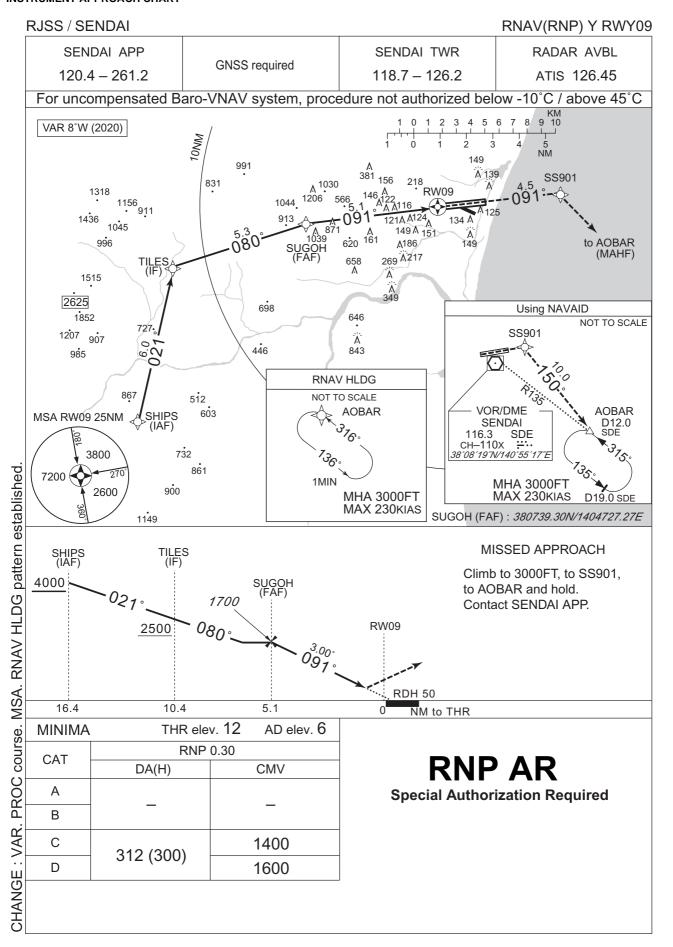












RJSS / SENDAI

RNAV(RNP) Y RWY09

RNAV(RNP) Y RWY09

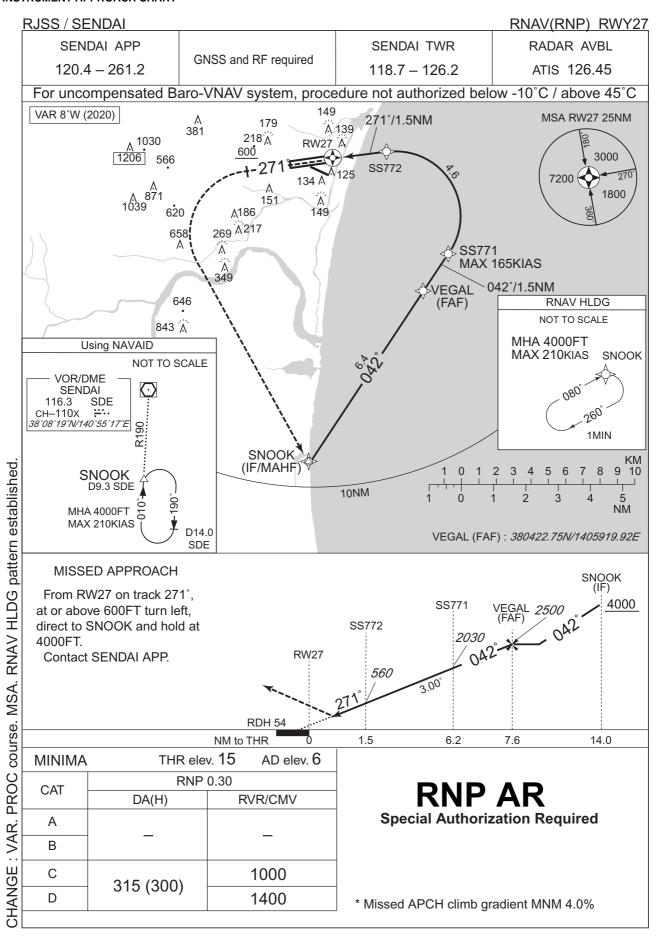
Coding Table

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	SHIPS	_	_	-8.3	_	_	+4000	_	_	_
002	TF	TILES	_	021 (012.4)	-8.3	6.0	_	+2500	_	_	1.0
003	TF	SUGOH	_	080 (072.1)	-8.3	5.3	_	1700	_	_	1.0
004	TF	RW09	Υ	091 (082.5)	-8.3	5.1	_	62	_	-3.00/50	0.3
005	TF	SS901	_	091 (082.5)	-8.3	4.5	_	_	_	_	1.0
006	TF	AOBAR	_	150 (142.0)	-8.3	10.0	_	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	AOBAR	316 (307.5)	-8.3	1.0(-14000)	L	3000	FL140	-230(-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates
SHIPS	380010.38N/1403927.39E
TILES	380602.47N/1404105.50E
SUGOH	380739.30N/1404727.27E
RW09	380819.58N/1405355.40E
SS901	380854.58N/1405935.60E
AOBAR	380102.14N/1410723.23E



RJSS / SENDAI

RNAV(RNP) RWY27

RNAV(RNP) RWY27

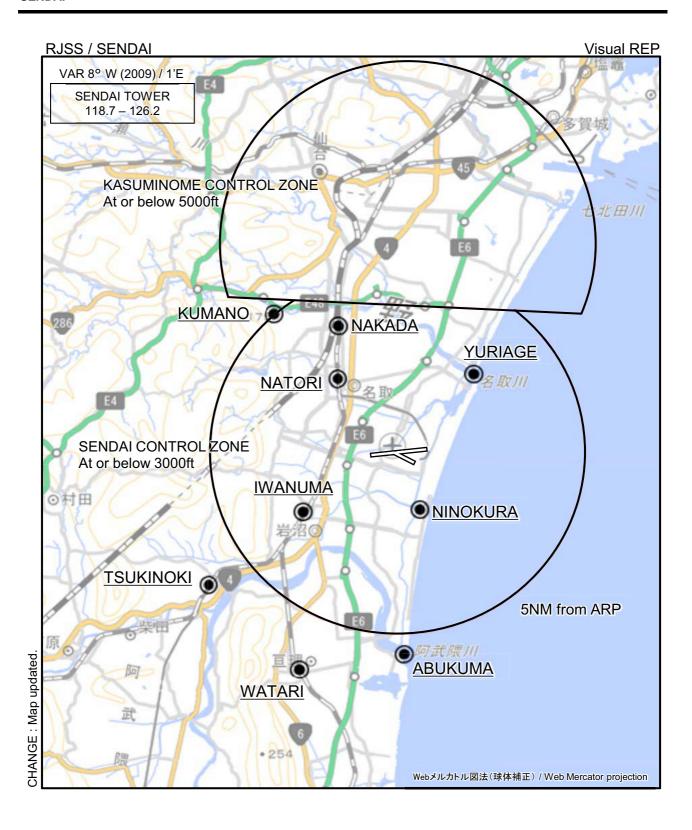
Coding Table

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	Υ	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		



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
閖上 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" 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.

