

STANDARD DEPARTURE CHART -INSTRUMENT

RJNT / TOYAMA

SID and TRANSITION

IKUJI FIVE DEPARTURE

RWY02: Climb via TOE R010 to 7.0DME...

RWY20: Climb RWY HDG until 700FT, turn right HDG 055° to intercept

and proceed via TOE R010 to TOE 7.0DME... ...turn right HDG 085° to intercept and proceed via

TOE R040 to IKUJI.

NOTE RWY20: 5.0% climb gradient required up to 2000FT.

OBST ALT 762FT located at 3.8NM 202° FM end of RWY20.

HISUI TRANSITION

From over IKUJI, climb via TOE R040 to HISUI.



STANDARD DEPARTURE CHART -INSTRUMENT

RJNT / TOYAMA SID

URUSI REVERSAL FOUR DEPARTURE

RWY02: Climb RWY HDG until 700FT, turn left, climb...

RWY20: Climb RWY HDG until 700FT, turn right HDG 037° to intercept and proceed...

...via TOE R352 to NANAO, turn right, proceed via TOE R010 to

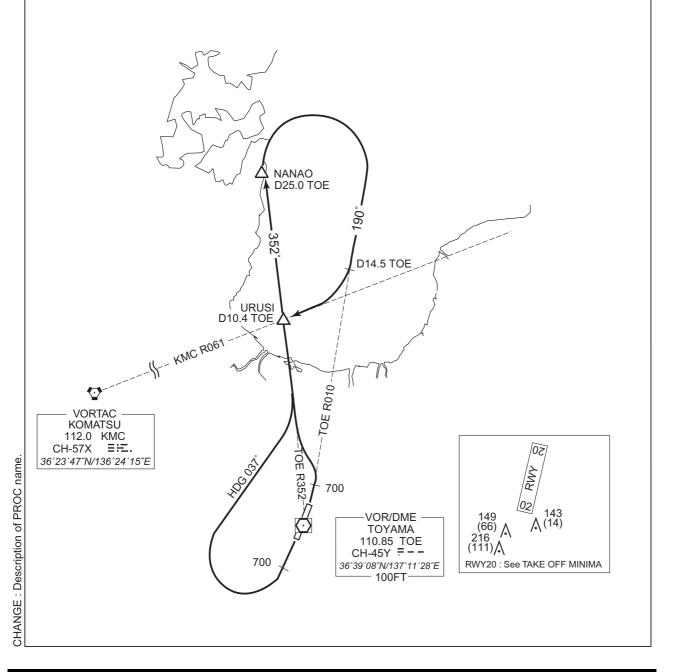
intercept and proceed via KMC R061 to URUSI.

NOTE RWY02: 4.0% climb gradient required up to 1000FT.

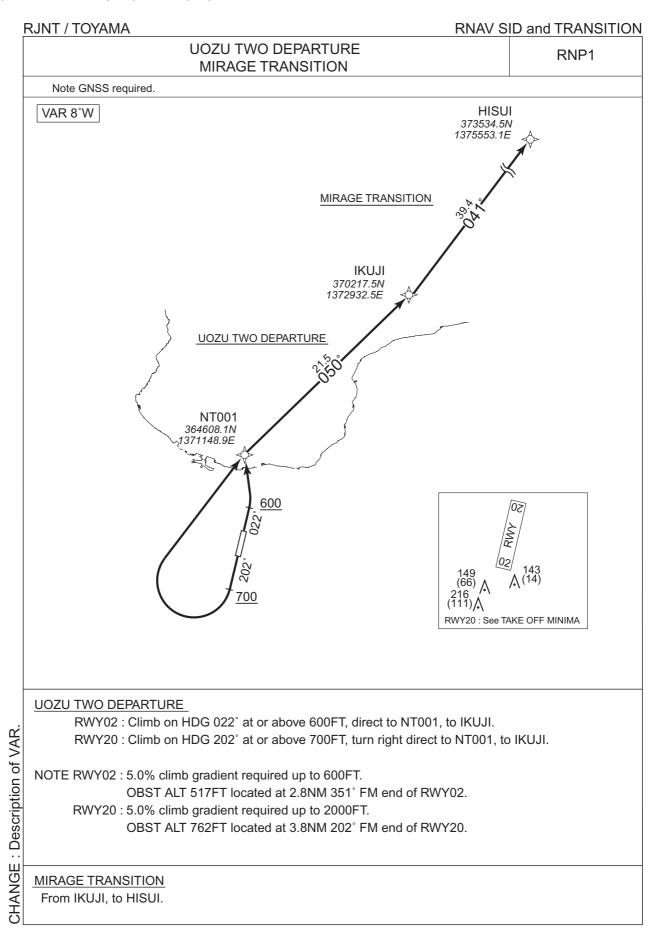
OBST ALT 621FT located at 2.8NM 345° FM end of RWY02.

RWY20 : 5.0% climb gradient required up to 2000FT.

OBST ALT 762FT located at 3.8NM 202° FM end of RWY20.



STANDARD DEPARTURE CHART -INSTRUMENT



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT

RJNT / TOYAMA

RNAV SID and TRANSITION

UOZU TWO DEPARTURE

RWY02

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	1	-	022 (013.5)	-8.5	ı	1	+600	ı	1	RNP1
002	DF	NT001	•	-	-8.5	-	-	-	-	1	RNP1
003	TF	IKUJI	-	050 (041.2)	-8.5	21.5	-	-	-	,	RNP1

RWY20

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	-	1	202 (193.5)	-8.5	-	ı	+700	1	1	RNP1
002	DF	NT001	1	-	-8.5	-	R	-	-	1	RNP1
003	TF	IKUJI	-	050 (041.2)	-8.5	21.5	-	-	-	-	RNP1

MIRAGE 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	IKUJI	1	-	-8.5	-	-	-	-	1	RNP1
002	TF	HISUI	1	041 (032.1)	-8.5	39.4	-	-	-	1	RNP1

RJNT / TOYAMA STAR

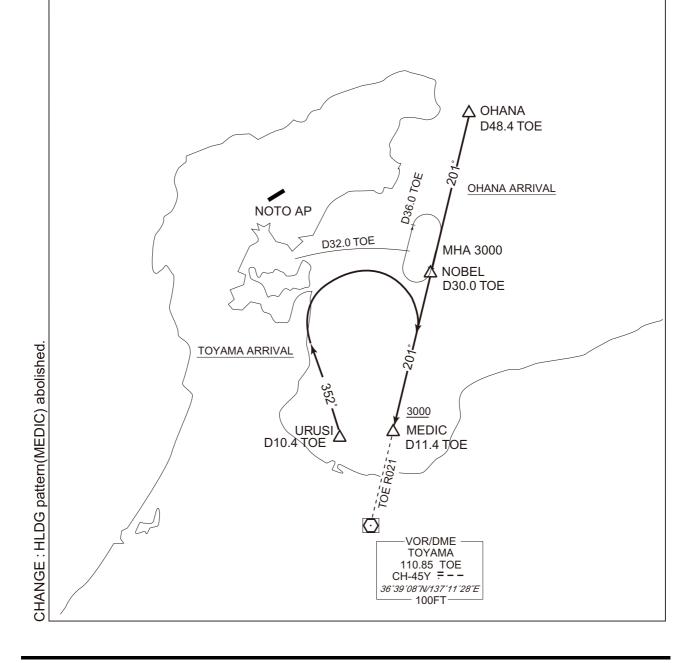
OHANA ARRIVAL

From over OHANA, proceed via TOE R021 to MEDIC. Cross MEDIC at or above 3000FT.

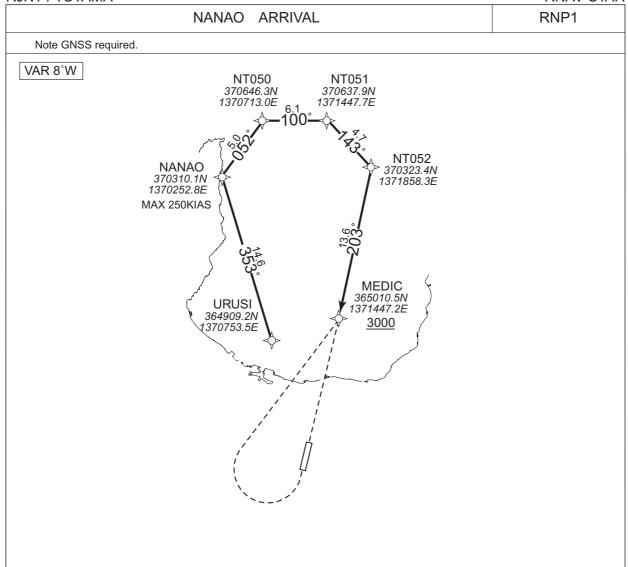
TOYAMA ARRIVAL

From over URUSI, proceed via TOE R352, turn right to intercept and proceed via TOE R021 to MEDIC within TOE 32.0DME.

Cross MEDIC at or above 3000FT.



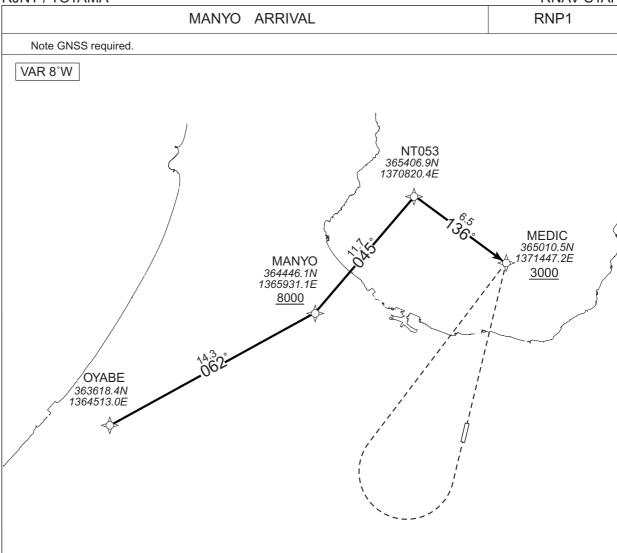
RJNT / TOYAMA RNAV STAR



From URUSI, to NANAO, to NT050, to NT051, to NT052, to MEDIC at or above 3000FT.

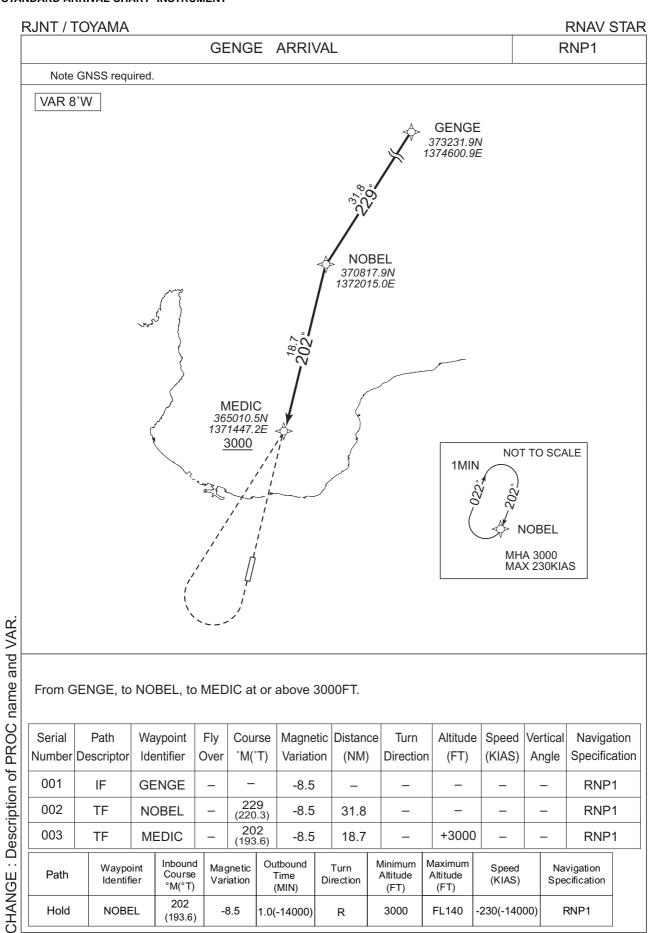
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	URUSI	_	-	-8.5	_	_	_	_	_	RNP1
002	TF	NANAO	_	353 (344.1)	-8.5	14.6	_	_	-250	_	RNP1
003	TF	NT050	1	052 (043.8)	-8.5	5.0	ı	_	_	_	RNP1
004	TF	NT051	_	100 (091.3)	-8.5	6.1	-	_	_	_	RNP1
005	TF	NT052	_	143 (134.2)	-8.5	4.7	_	_	_	_	RNP1
006	TF	MEDIC	_	203 (194.2)	-8.5	13.6	_	+3000	_	_	RNP1

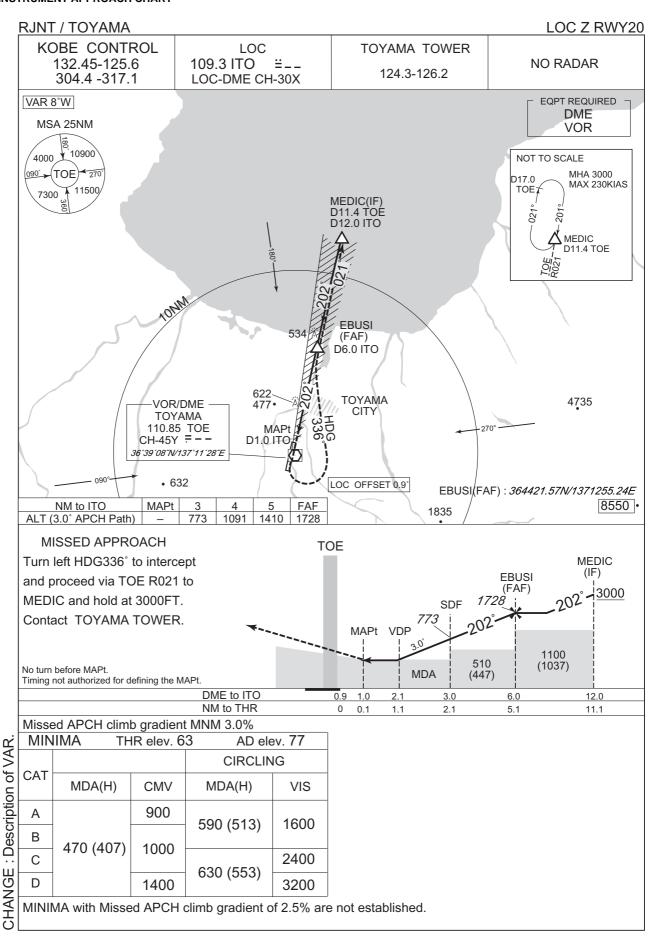
RJNT / TOYAMA RNAV STAR

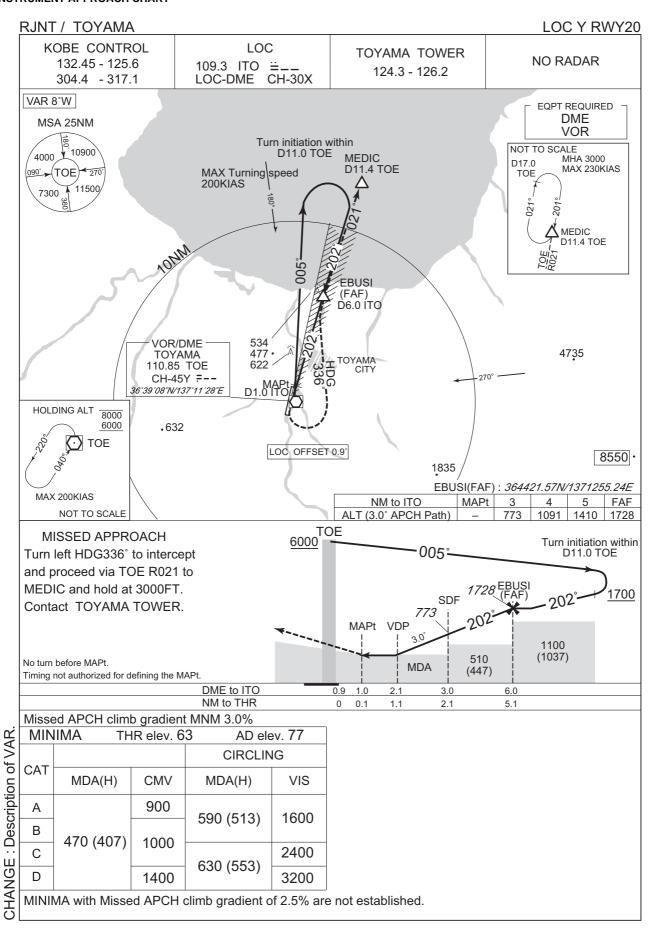


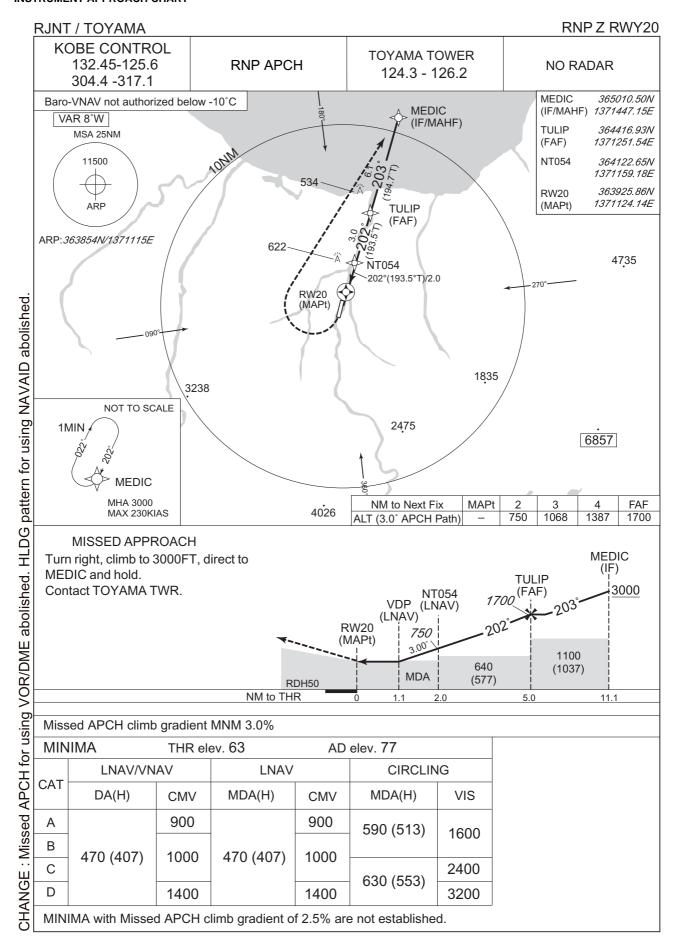
From OYABE, to MANYO at or above 8000FT, to NT053, to MEDIC at or above 3000FT.

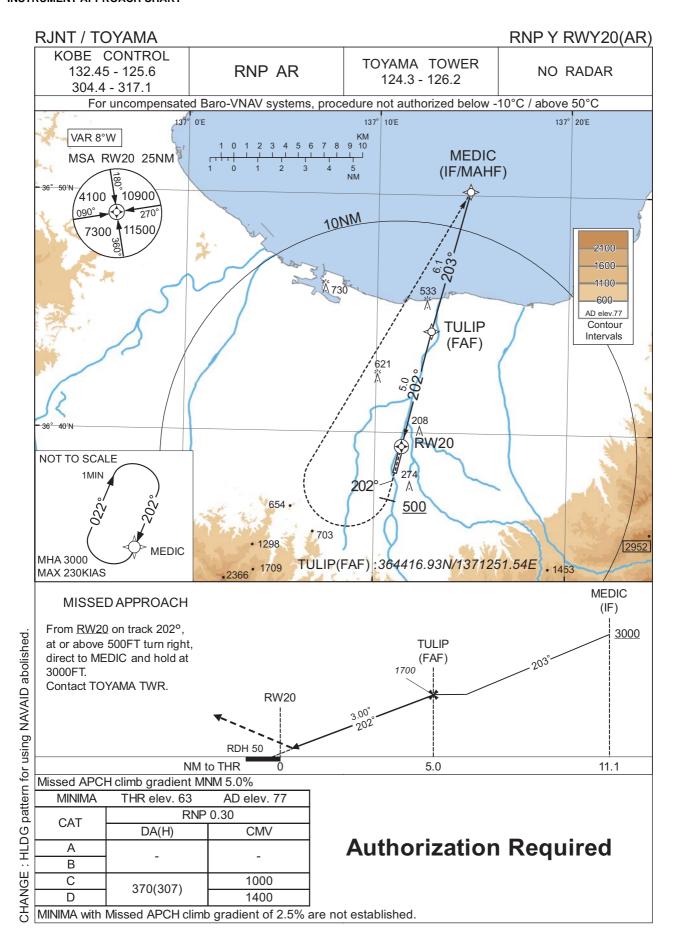
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	OYABE	_	_	-8.5	_	_	_	_	_	RNP1
002	TF	MANYO	_	062 (053.5)	-8.5	14.3	_	+8000	_	_	RNP1
003	TF	NT053	_	045 (037.0)	-8.5	11.7	_	_	_	_	RNP1
004	TF	MEDIC	_	136 (127.4)	-8.5	6.5	_	+3000	_	_	RNP1











RJNT / TOYAMA

RNP Y RWY20(AR)

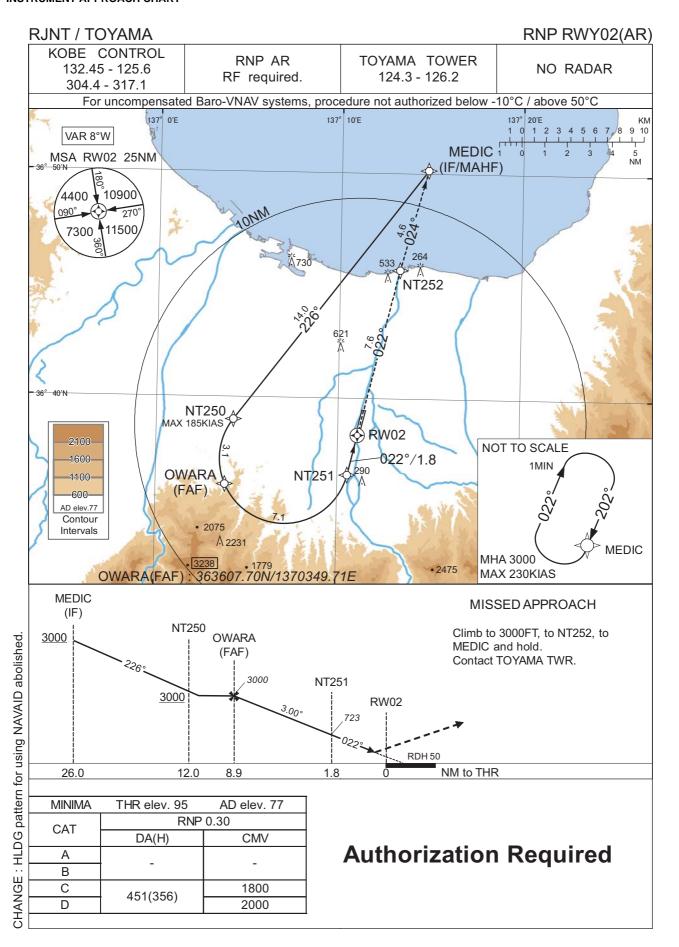
Coding Table

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	MEDIC	,	-	-8.5	-	1	+3000	1		-
002	TF	TULIP	1	203 (194.7)	-8.5	6.1	1	1700	1	1	1.0
003	TF	RW20	Υ	202 (193.5)	-8.5	5.0	ı	113	ı	-3.00/50	0.3
004	FA	ı	1	202 (193.5)	-8.5	-	ı	+500	ı	1	1.0
005	DF	MEDIC	1	ı	-8.5	-	R	3000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Altitude	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	MEDIC	202 (193.6)	-8.5	1.0 (-14000)	R	3000	FL140	-230 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates
MEDIC	365010.50N / 1371447.15E
TULIP	364416.93N / 1371251.54E
RW20	363925.86N / 1371124.14E



RJNT / TOYAMA

RNP RWY02(AR)

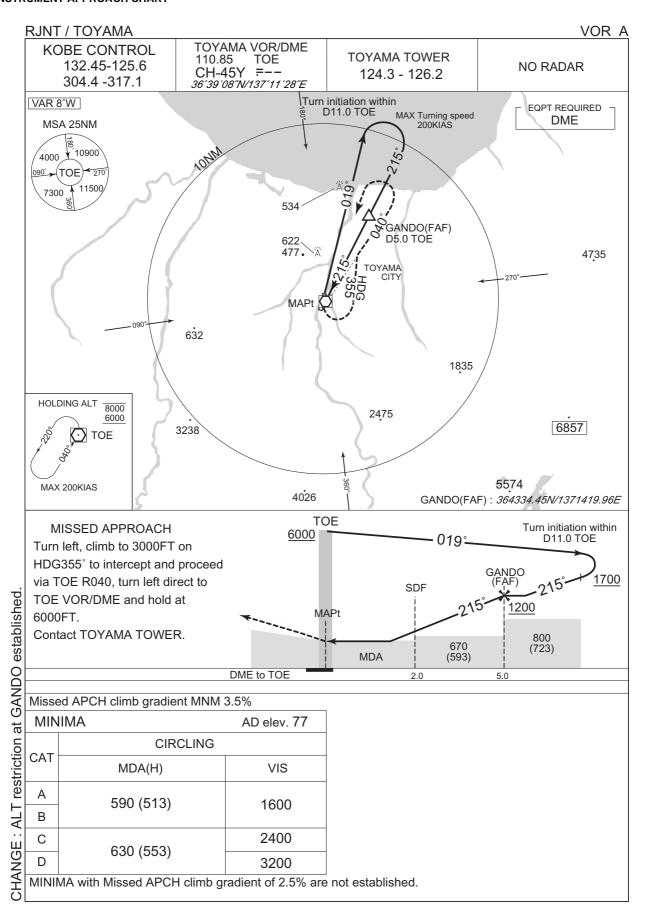
Coding Table

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	MEDIC	-	-	-8.5	-	-	+3000	-	-	-
002	TF	NT250	-	226 (217.2)	-8.5	14.0	-	+3000	-185	-	1.0
003	RF Center: NTRF1 r=2.87NM	OWARA	1	ı	-8.5	3.1	L	3000	-	1	1.0
004	RF Center: NTRF1 r=2.87NM	NT251	,	-	-8.5	7.1	L	723	,	-3.00	0.3
005	TF	RW02	Υ	022 (013.5)	-8.5	1.8	-	145	-	-3.00/50	0.3
006	TF	NT252	1	022 (013.5)	-8.5	7.6	ı	-	-	-	1.0
007	TF	MEDIC	-	024 (015.0)	-8.5	4.6	-	3000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Lime	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	MEDIC	202 (193.6)	-8.5	1.0 (-14000)	R	3000	FL140	-230 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
MEDIC	365010.50N / 1371447.15E	NTRF1	363717.08N / 1370705.51E
NT250	363901.33N / 1370415.09E		
OWARA	363607.70N / 1370349.71E		
NT251	363636.65N / 1371033.43E		
RW02	363822.79N / 1371105.23E		
NT252	364543.55N / 1371317.58E		





※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
ARP.	富山ハーバー Toyama harbor	016°T / 6.9NM	港 Harbor
from	水橋 Mizuhashi	039°T / 8.3NM	(常願寺川)河口 River-mouth
BRG/DIST	高岡 Takaoka	304°T / 10.0NM	JR駅 JR Station
J. BRG	小杉インターチェンジ Kosugi Interchange	296°T / 5.8NM	北陸自動車道インターチェンジ Interchange
pdated	立山インターチェンジ Tateyama Interchange	072°T / 7.0NM	北陸自動車道インターチェンジ Interchange
Map updated.	砺波パーク Tonami Park	268°T / 9.0NM	砺波総合運動公園 Park
	上滝 Kamitaki	114°T / 5.7NM	駅 Station
CHANGE	笹津 Sasazu	167°T / 5.3NM	JR駅 JR Station

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125 236 125 238 110 228 120 224 120 231 103 222 132 270 135 286 71 243 120 266 47 149	15	167	273	0	0
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125 249 120 231 103 222 132 270 135 286 51 223 71 243 120 266 47 149	18	110	228	I	0
120 231 103 222 132 270 135 286 51 223 71 243 135 283 120 266	19	125	249	0	0
103 222 132 270 132 279 135 286 51 223 71 243 120 266 47 149	20	120	231	0	0
132 270 132 279 135 286 51 223 71 243 135 283 120 266 47 149	21	103	222	0	0
132 279 135 286 51 223 71 243 120 266 47 149	22	132	270	I	0
135 286 51 223 71 243 135 283 120 266 47 149	23	132	279	_	0
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47 149	28	120	266	I	I
:	29	47	149	0	0



