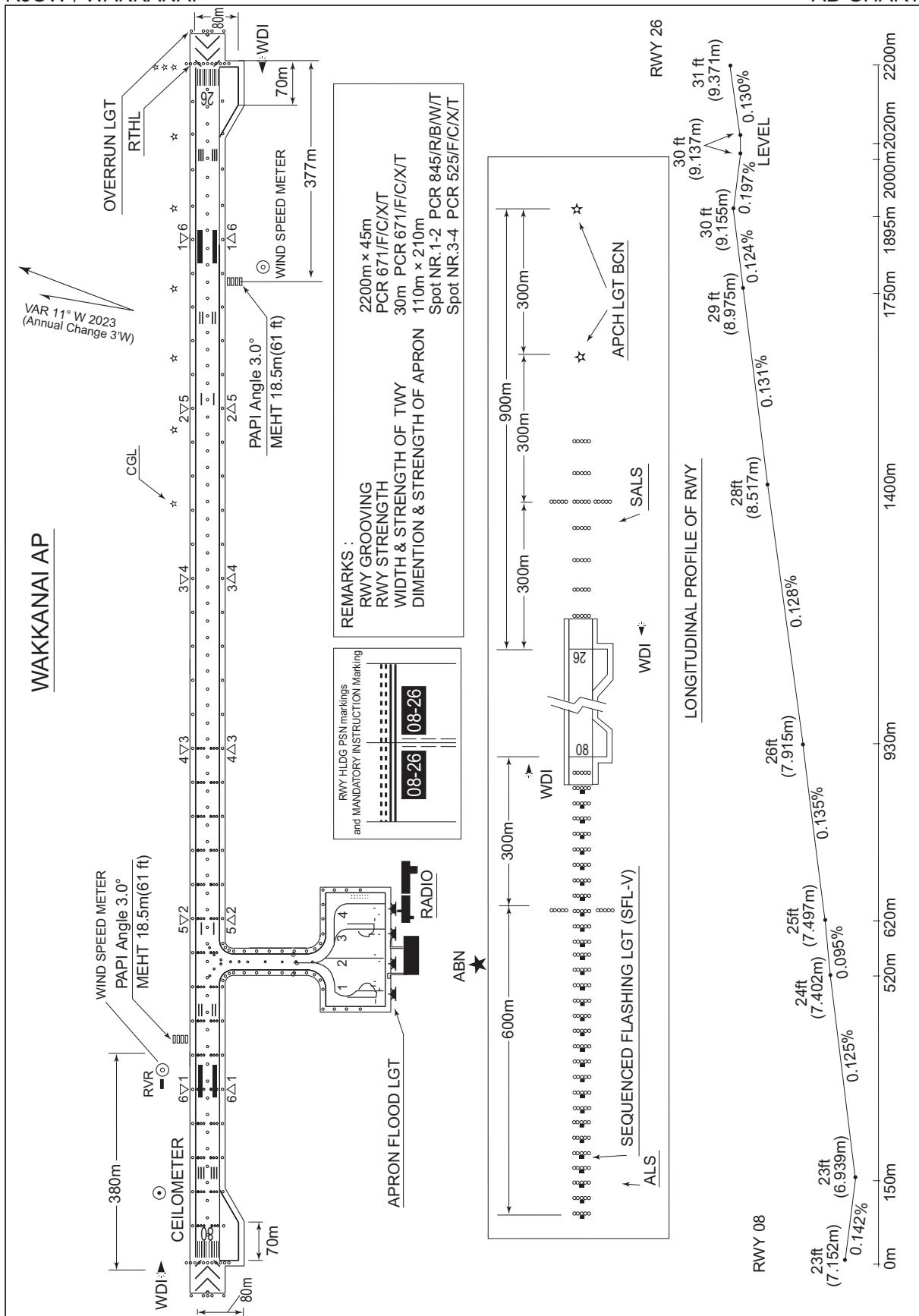


RJCW / WAKKANAI

AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJCW / WAKKANAI

SID

PANKE TWO DEPARTURE

RWY08 : Climb RWY HDG to 900FT, turn right HDG 220°...

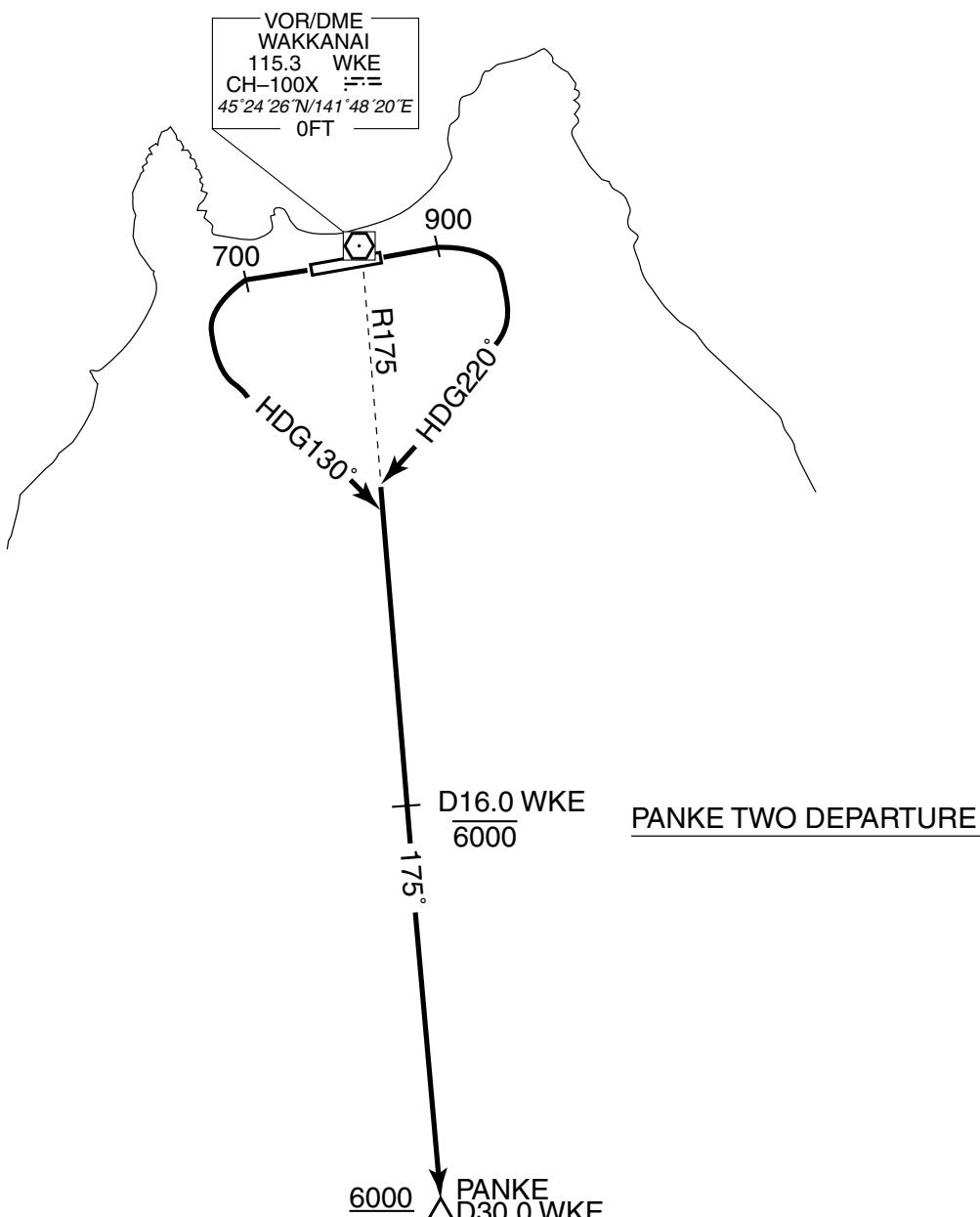
RWY26 : Climb RWY HDG to 700FT, turn left HDG 130°...

...to intercept and proceed via WKE R175 to PANKE.

Cross WKE R175/16.0DME at or below 6000FT, cross PANKE at or above 6000FT.

NOTE RWY08 : 4.4% climb gradient required up to 900FT.

OBST ALT 591FT located at 2.6NM 096° FM end of RWY08.



## STANDARD DEPARTURE CHART - INSTRUMENT

RJCW / WAKKANAI

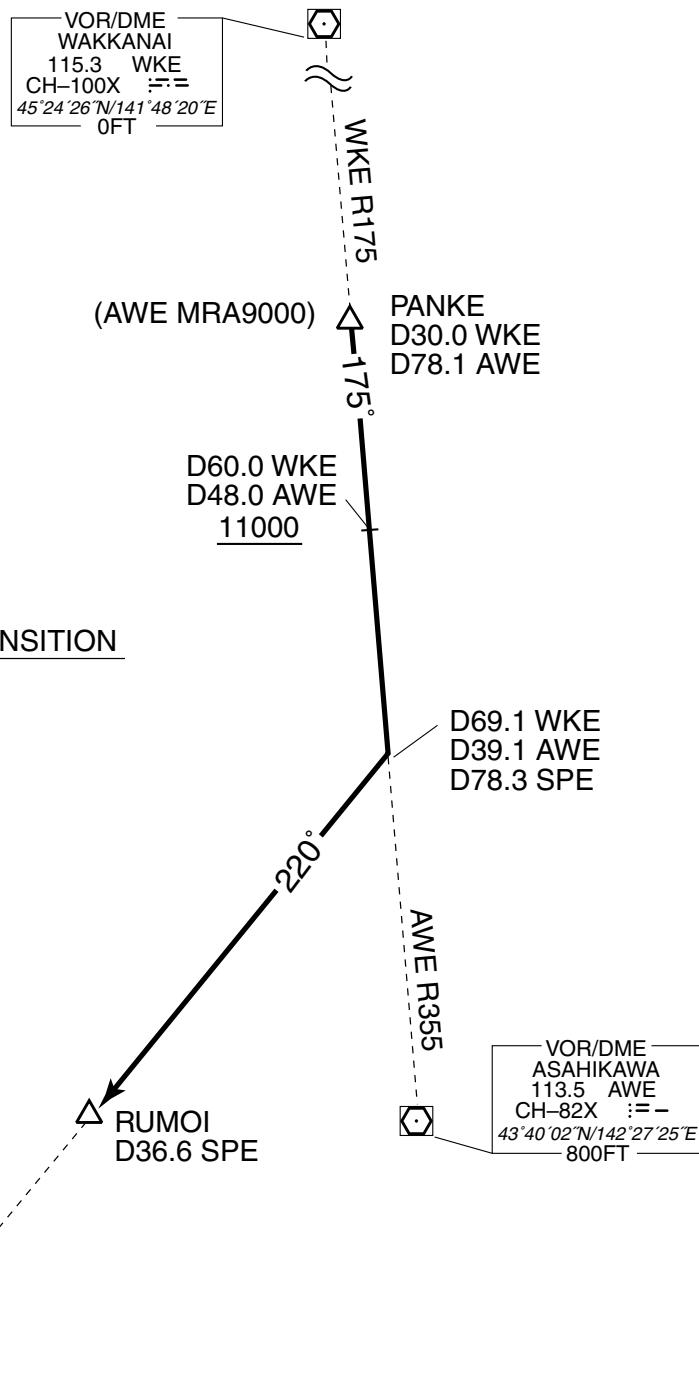
TRANSITION

URYU TRANSITION

From over PANKE, proceed via WKE R175/AWE R355 to intercept and proceed via SPE R040 to RUMOI.

Cross WKE R175/60.0DME (AWE R355/48.0DME) at or above 11000FT.

NOTE : PANKE AWE MRA 9000FT.



STANDARD DEPARTURE CHART - INSTRUMENT

RJCW / WAKKANAI

SID

RUMOI FIVE DEPARTURE

RWY08 : Climb RWY HDG to 900FT, turn right HDG 237°...

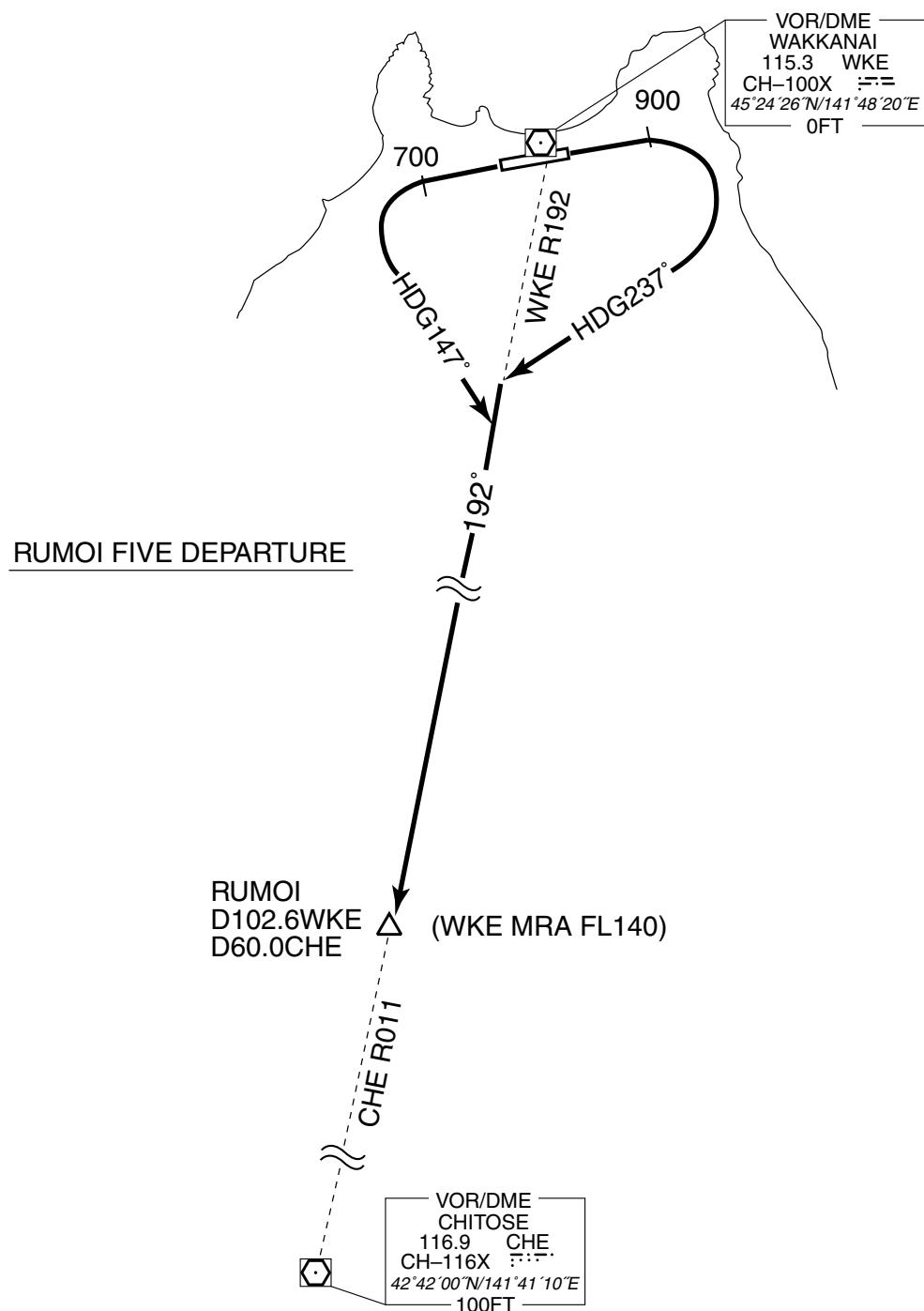
RWY26 : Climb RWY HDG to 700FT, turn left HDG 147°...

...to intercept and proceed via WKE R192/CHE R011 to RUMOI.

NOTE RWY08 : 4.4% climb gradient required up to 900FT.

OBST ALT 591FT located at 2.6NM 096° FM end of RWY08.

RUMOI WKE MRA FL140.



## STANDARD DEPARTURE CHART - INSTRUMENT

RJCW / WAKKANAI

SID

WAKKANAI REVERSAL ONE DEPARTURE

RWY08 : Climb RWY HDG to 900FT, turn left HDG302°...

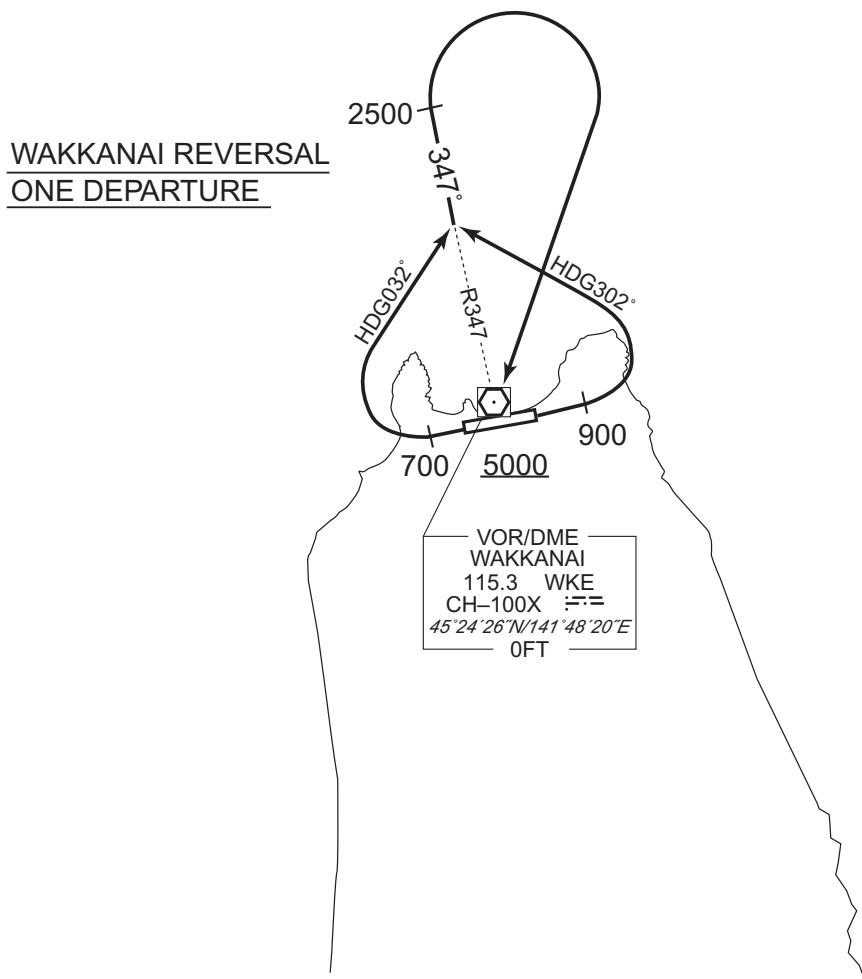
RWY26 : Climb RWY HDG to 700FT, turn right HDG032°...

...to intercept and proceed via WKE R347 to 2500FT, turn right direct to WKE VOR/DME.

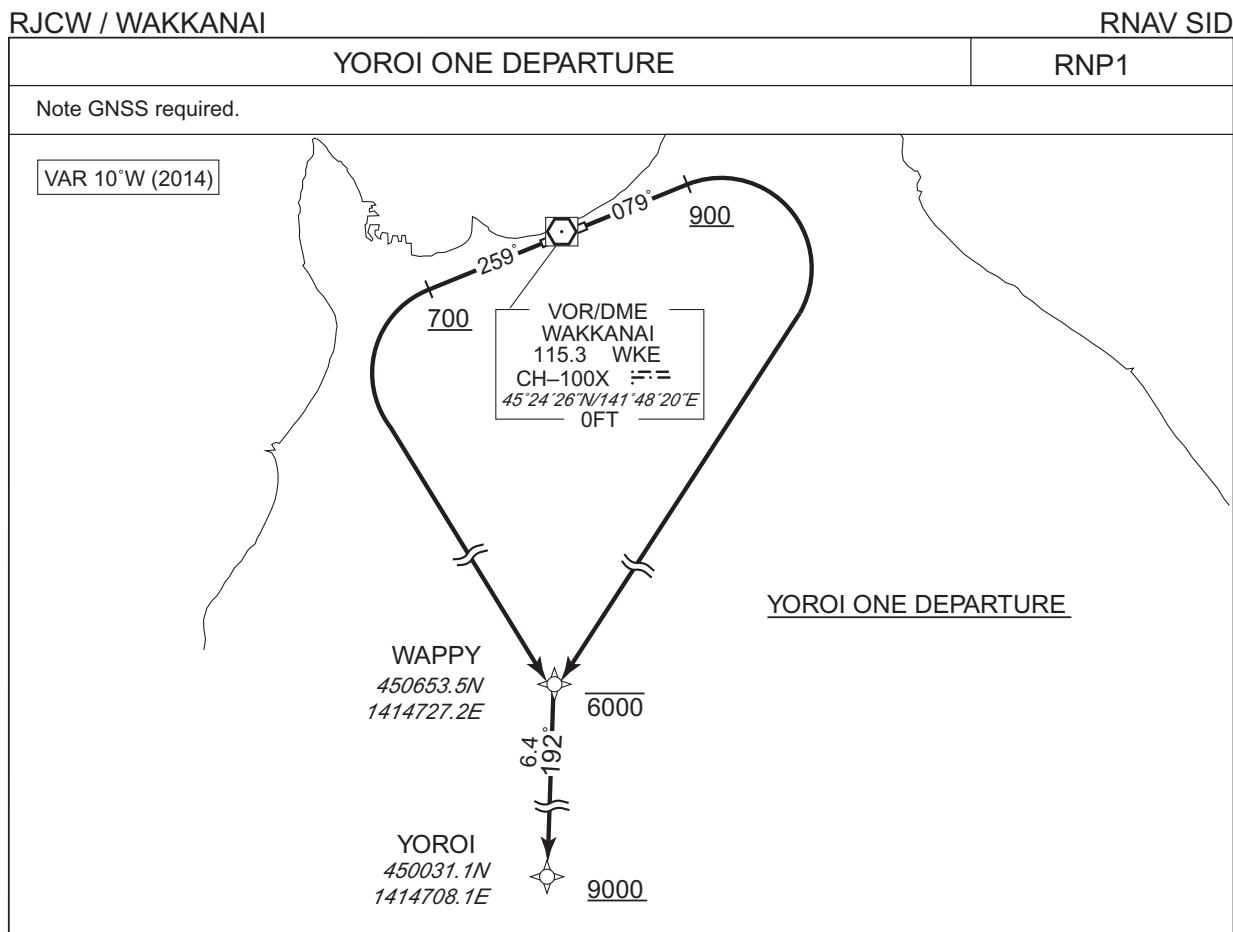
Cross WKE VOR/DME at or above 5000FT.

NOTE RWY08 : 4.4% climb gradient required up to 900FT.

OBST ALT 591FT located at 2.6NM 096° FM end of RWY08.



## STANDARD DEPARTURE CHART - INSTRUMENT

YOROI ONE DEPARTURE

RWY08 : Climb on HDG079° at or above 900FT, turn right direct to WAPPY at or below 6000FT, to YOROI at or above 9000FT.

RWY26 : Climb on HDG259° at or above 700FT, turn left direct to WAPPY at or below 6000FT, to YOROI at or above 9000FT.

Note RWY08 : 6.0% climb gradient required up to 900FT.

RWY26 : 5.0% climb gradient required up to 700FT.

## RWY08

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	—	—	079 (068.8)	-9.9	—	—	+900	—	—	RNP1
002	DF	WAPPY	—	—	-9.9	—	R	-6000	—	—	RNP1
003	TF	YOROI	—	192 (182.0)	-9.9	6.4	—	+9000	—	—	RNP1

## RWY26

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	—	—	259 (248.9)	-9.9	—	—	+700	—	—	RNP1
002	DF	WAPPY	—	—	-9.9	—	L	-6000	—	—	RNP1
003	TF	YOROI	—	192 (182.0)	-9.9	6.4	—	+9000	—	—	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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STANDARD ARRIVAL CHART-INSTRUMENT

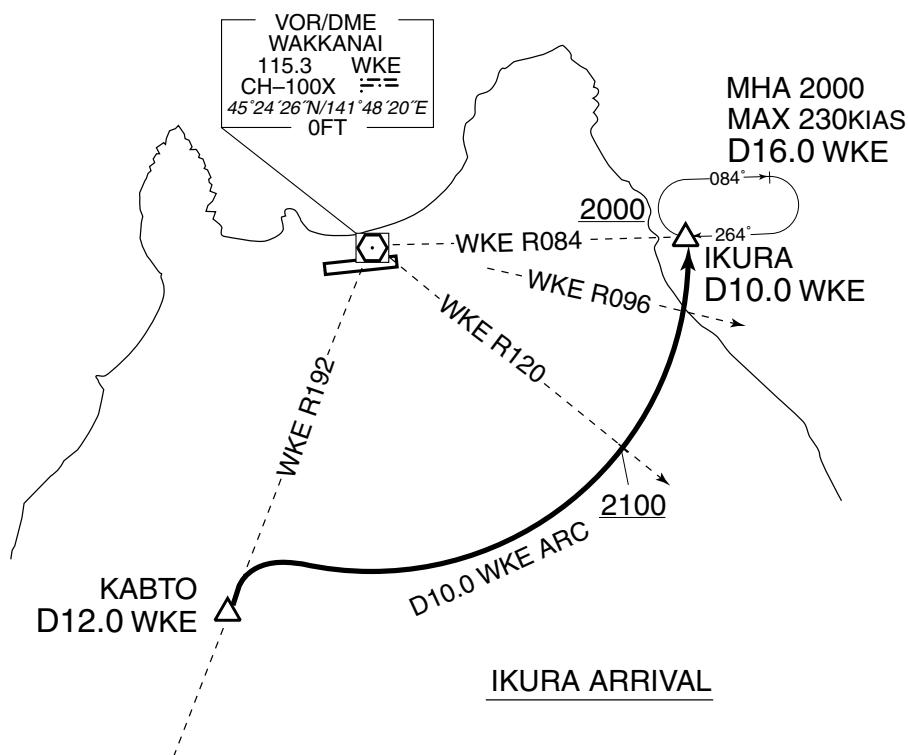
RJCW / WAKKANAI

STAR

IKURA ARRIVAL

From over KABTO, turn right proceed via WKE 10.0DME counterclockwise ARC to IKURA.

Cross WKE R120 at or above 2100FT, cross IKURA at or above 2000FT.



## STANDARD ARRIVAL CHART - INSTRUMENT

RJCW / WAKKANAI

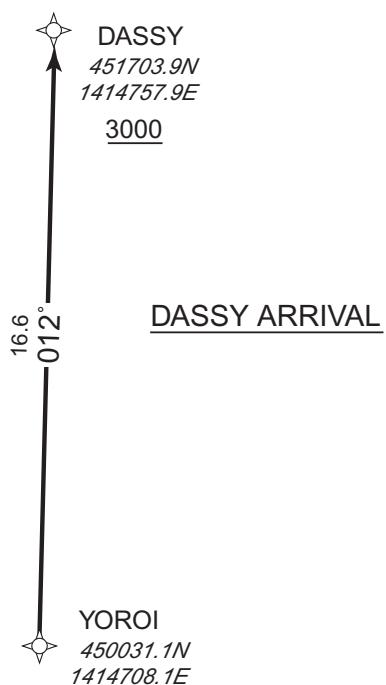
RNAV STAR

DASSY ARRIVAL

RNP1

Note GNSS required.

VAR 10°W (2014)

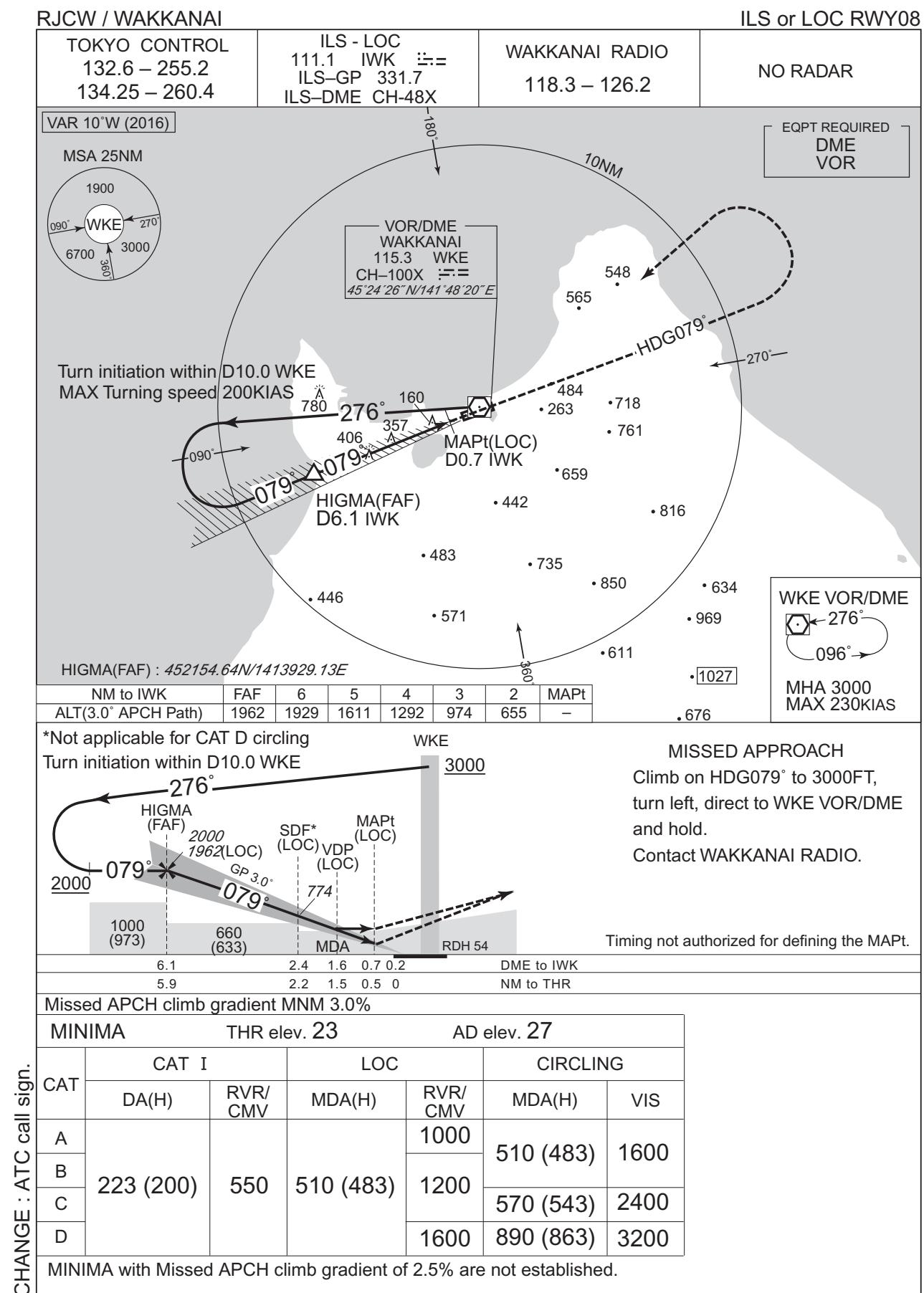
DASSY ARRIVAL

From YOROI, to DASSY 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	YOROI	—	—	-9.9	—	—	—	—	—	RNP1
002	TF	DASSY	—	012 (002.0)	-9.9	16.6	—	+3000	—	—	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

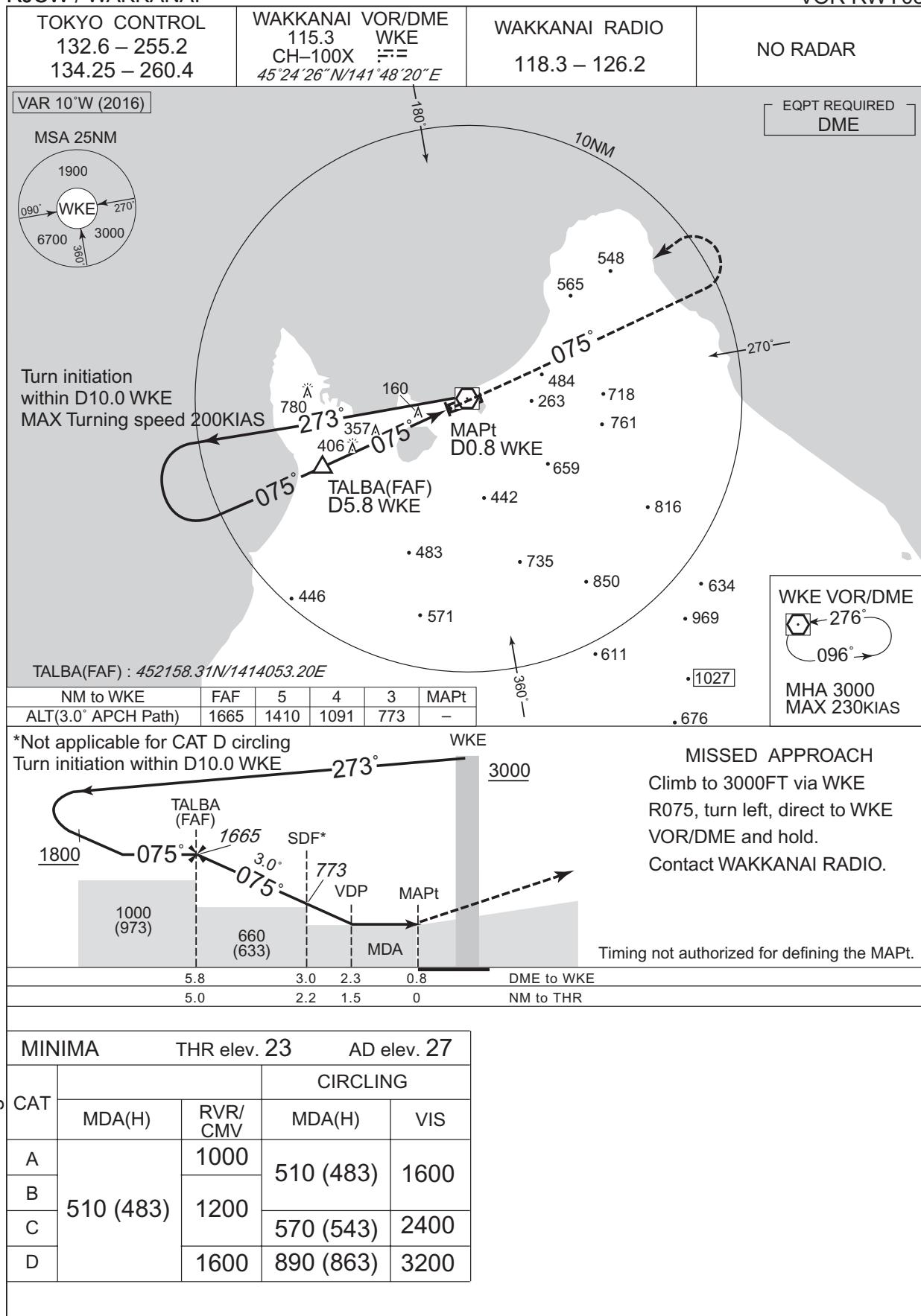
INSTRUMENT APPROACH CHART



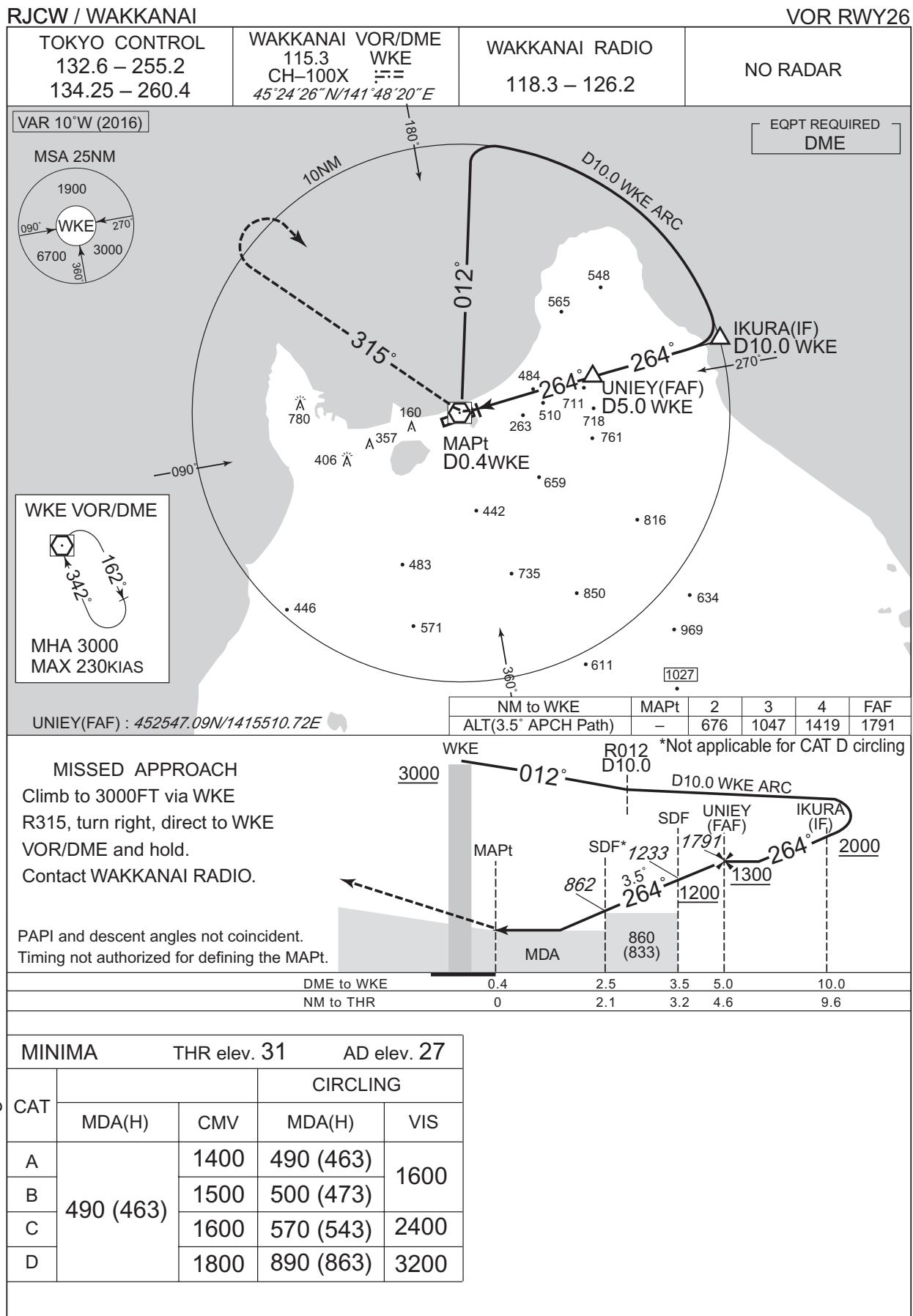
## INSTRUMENT APPROACH CHART

RJCW / WAKKANAI

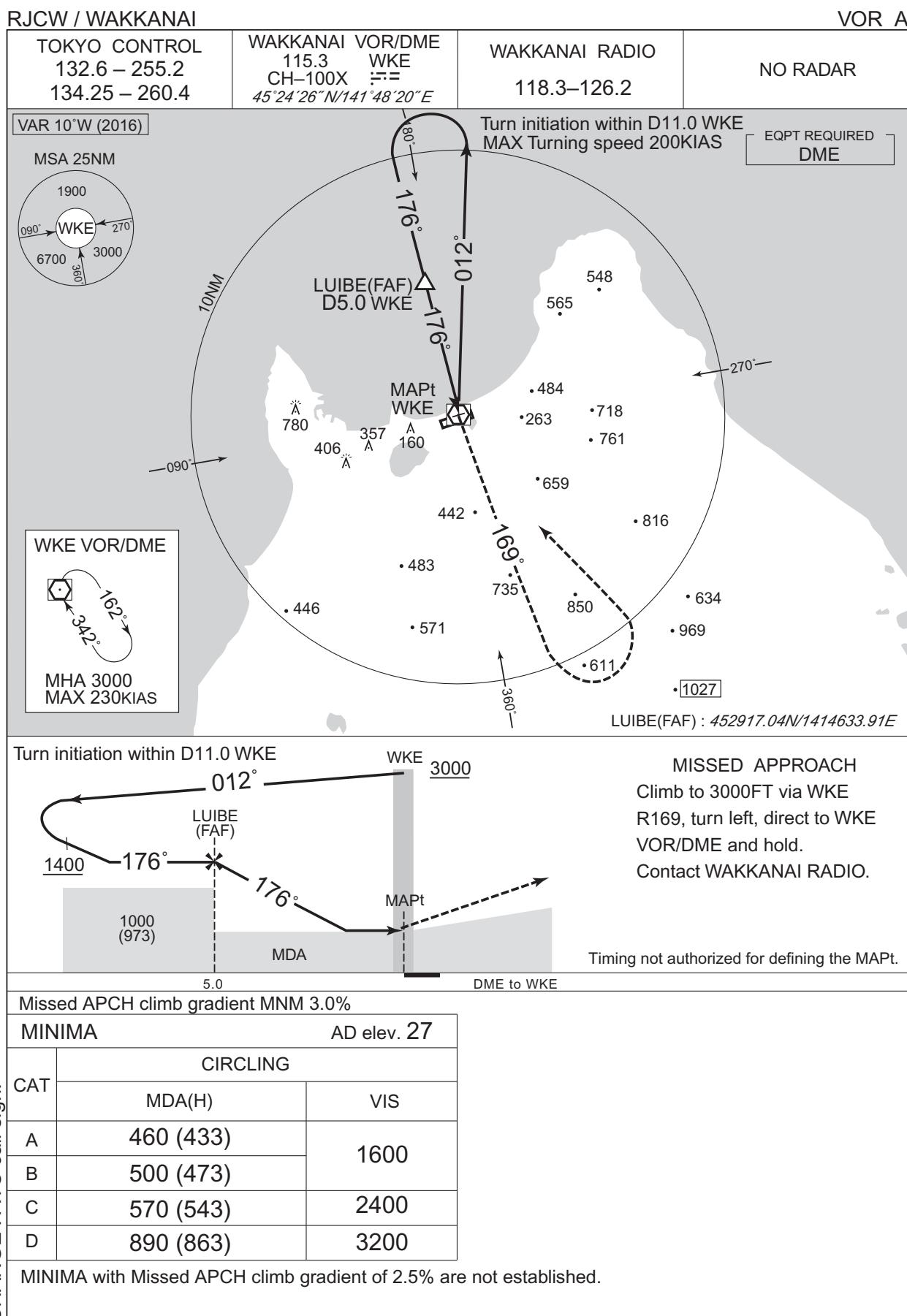
VOR RWY08



## INSTRUMENT APPROACH CHART



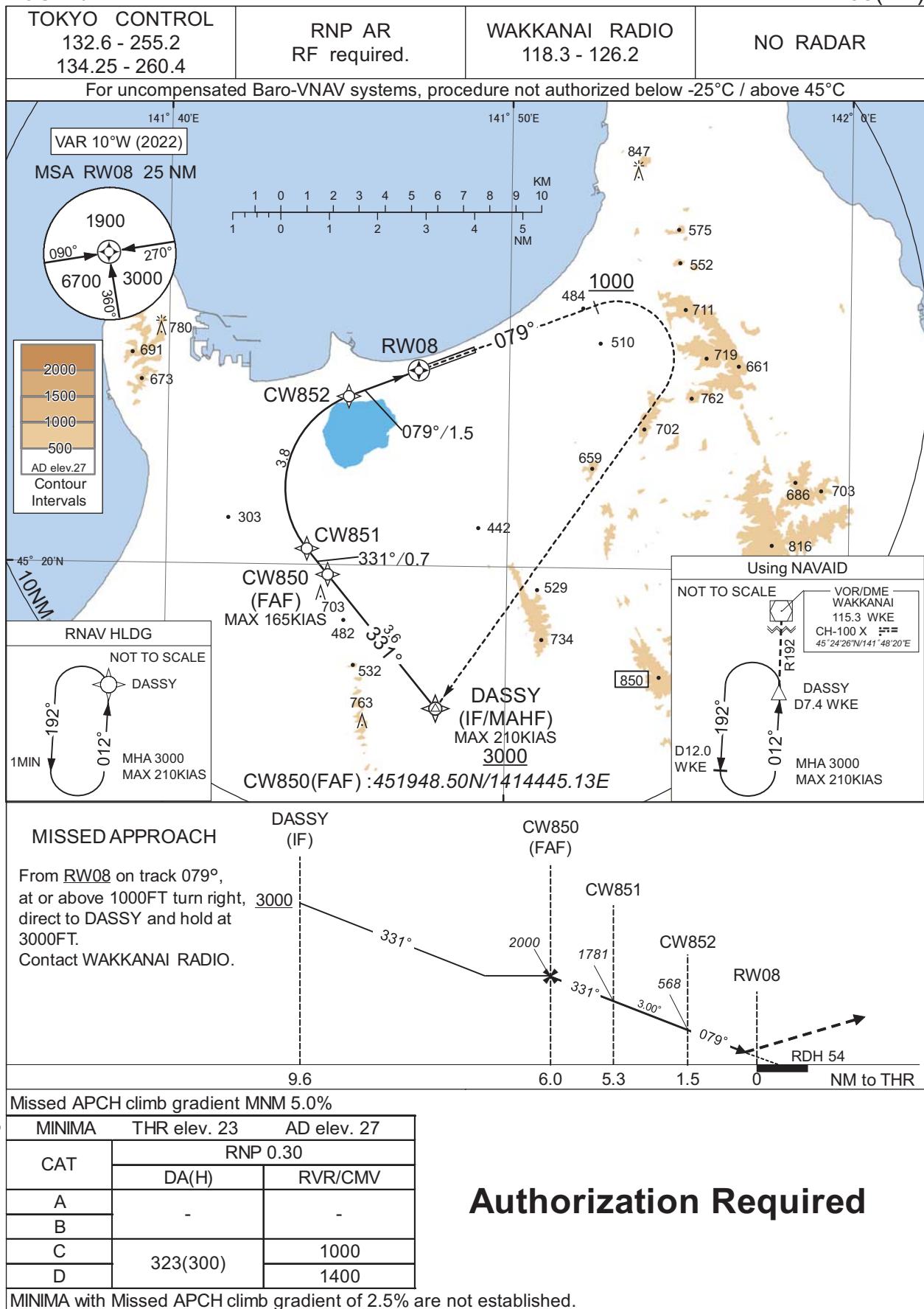
## INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJCW / WAKKANAI

RNP RWY08(AR)



## INSTRUMENT APPROACH CHART

RJCW / WAKKANAI

RNP RWY08(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	DASSY	-	-	-10.5	-	-	+3000	-210	-	-
002	TF	CW850	-	331 (320.5)	-10.5	3.6	-	2000	-165	-	1.0
003	TF	CW851	-	331 (320.5)	-10.5	0.7	-	1781	-	-3.00	0.3
004	RF Center: CWRF1 r=2.01NM	CW852	-	-	-10.5	3.8	R	568	-	-3.00	0.3
005	TF	RW08	Y	079 (068.8)	-10.5	1.5	-	77	-	-3.00/54	0.3
006	FA	-	-	079 (068.8)	-10.5	-	-	+1000	-	-	1.0
007	DF	DASSY	-	-	-10.5	-	R	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	DASSY	012 (002.0)	-10.5	1.0 (-14000)	L	3000	FL140	-210 (-14000)	1.0

Waypoint Coordinates

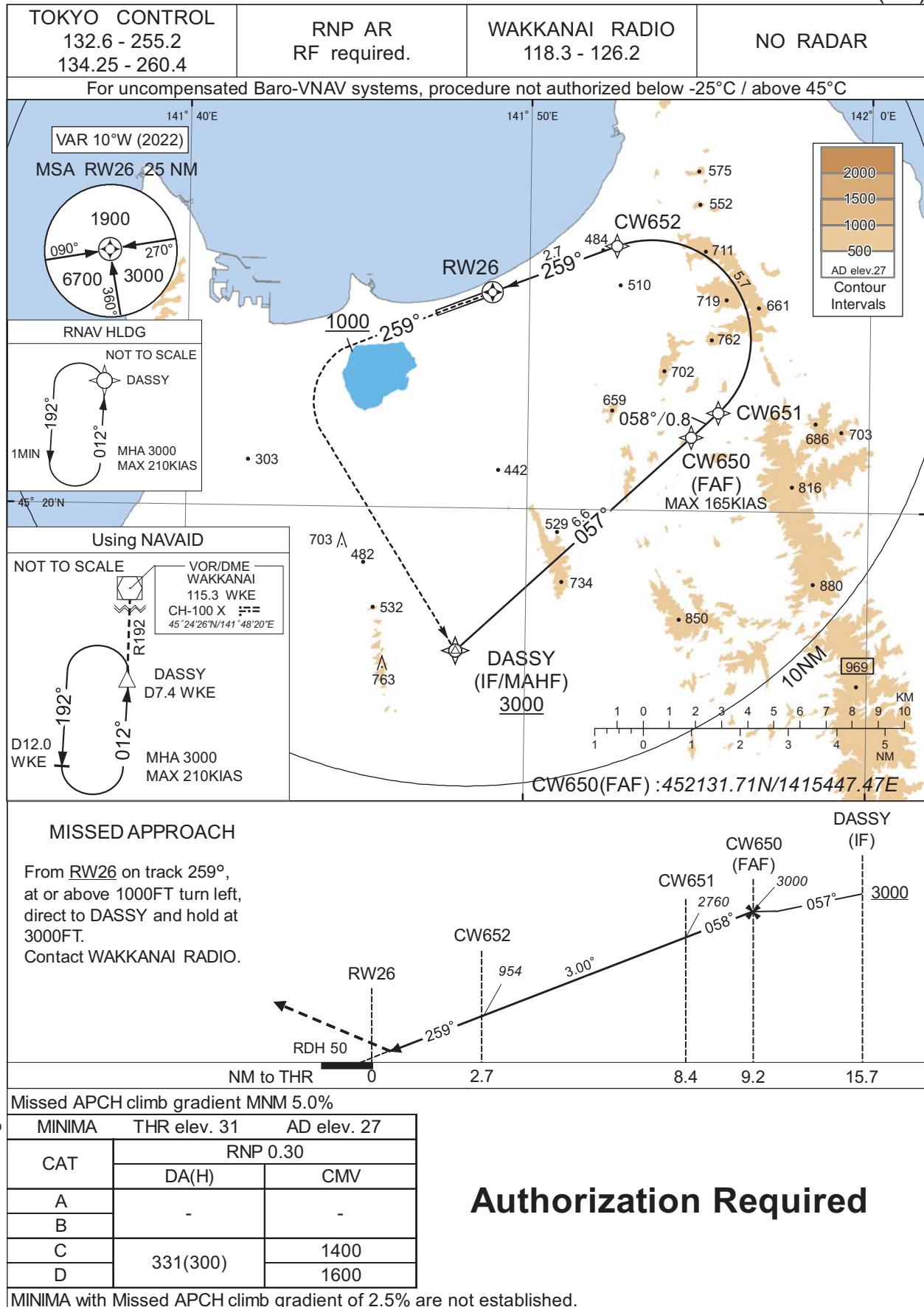
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
CW850	451948.50N / 1414445.13E	CWRF1	452137.25N / 1414619.72E
CW851	452020.32N / 1414407.80E		
CW852	452329.85N / 1414518.02E		
RW08	452403.14N / 1414720.43E		
DASSY	451703.92N / 1414757.93E		

CHANGE : PROC renamed.

## INSTRUMENT APPROACH CHART

RJCW / WAKKANAI

RNP RWY26(AR)



## INSTRUMENT APPROACH CHART

RJCW / WAKKANAI

RNP RWY26(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	DASSY	-	-	-10.5	-	-	+3000	-	-	-
002	TF	CW650	-	057 (047.0)	-10.5	6.6	-	3000	-165	-	1.0
003	TF	CW651	-	058 (047.1)	-10.5	0.8	-	2760	-	-3.00	0.3
004	RF Center: CWRF2 r=2.05NM	CW652	-	-	-10.5	5.7	L	954	-	-3.00	0.3
005	TF	RW26	Y	259 (248.9)	-10.5	2.7	-	81	-	-3.00/50	0.3
006	FA	-	-	259 (248.9)	-10.5	-	-	+1000	-	-	1.0
007	DF	DASSY	-	-	-10.5	-	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	DASSY	012 (002.0)	-10.5	1.0 (-14000)	L	3000	FL140	-210 (-14000)	1.0

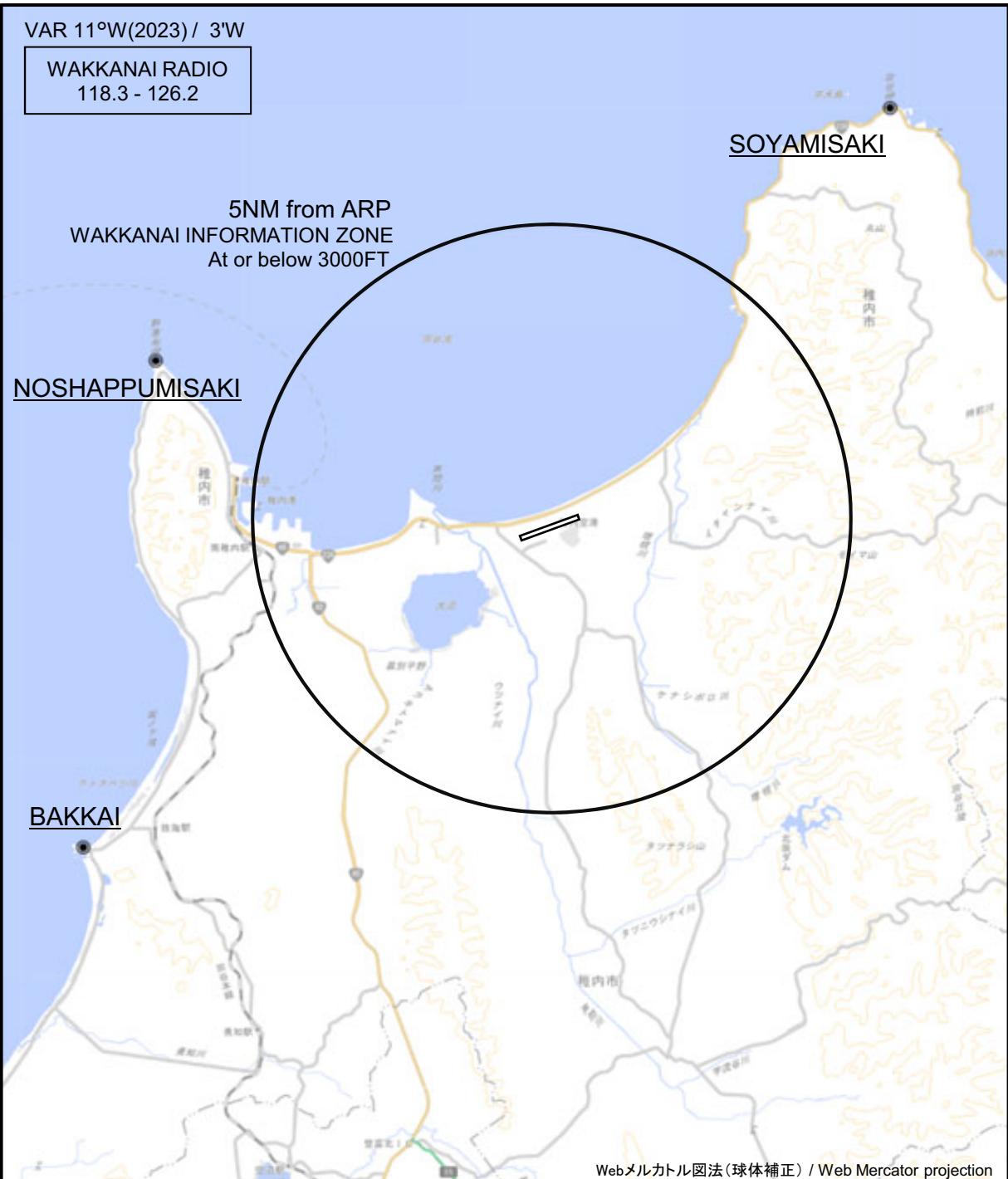
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
CW650	452131.71N / 1415447.47E	CWRF2	452332.87N / 1415335.73E
CW651	452202.42N / 1415534.54E		
CW652	452527.92N / 1415232.94E		
RW26	452428.77N / 1414854.78E		
DASSY	451703.92N / 1414757.93E		

CHANGE : PROC renamed.

RJCW / WAKKANAI

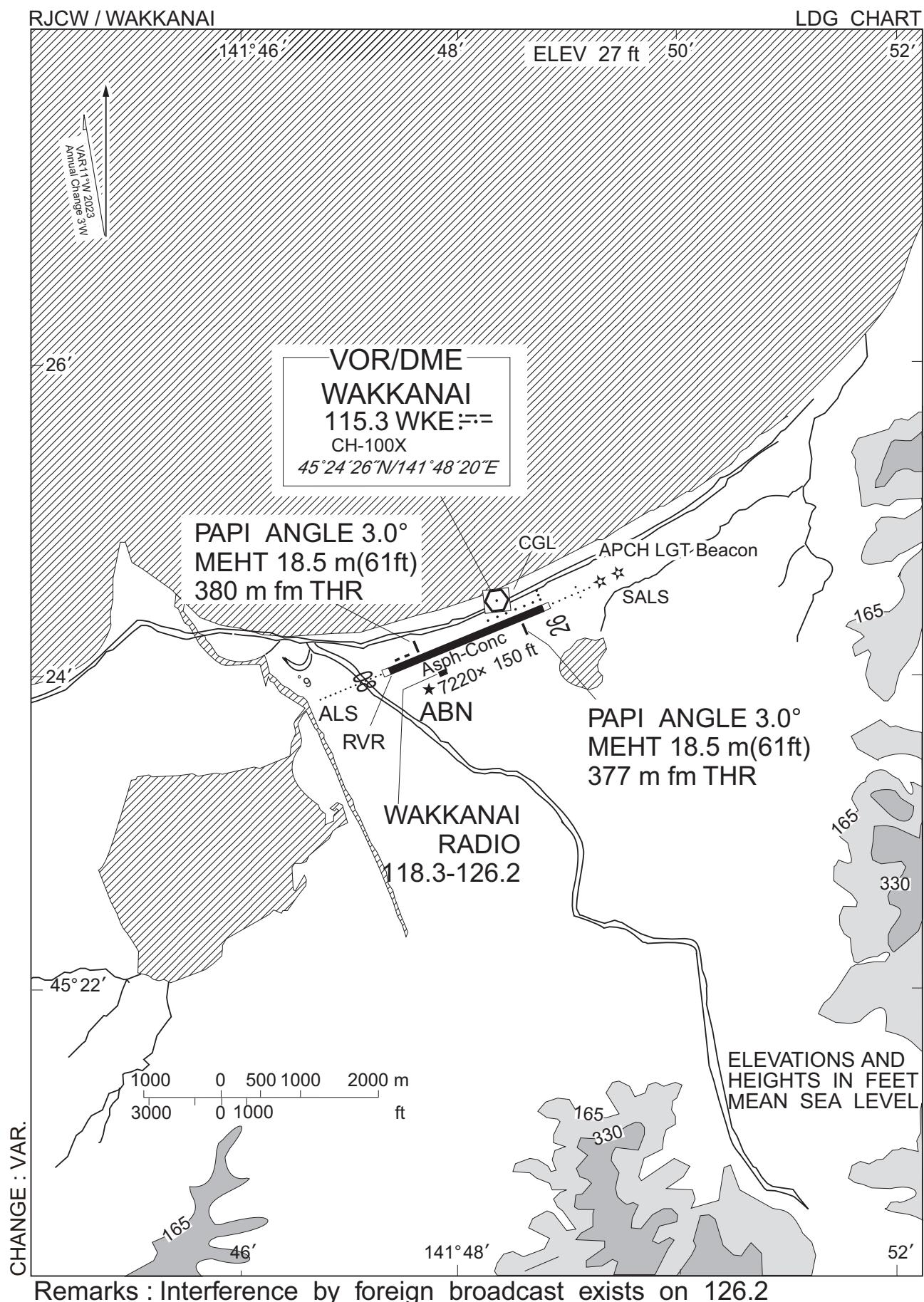
Visual REP



※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).

CHANGE : VAR.

Call sign	BRG / DIST from ARP	Remarks
宗谷岬 Soyamisaki	039°T / 9.0NM	灯台 Lighthouse
野寒布岬 Noshappumisaki	292°T / 7.2NM	灯台 Lighthouse
拔海 Bakkai	234°T / 9.7NM	岬 Cape



Remarks : Interference by foreign broadcast exists on 126.2

RJCW / WAKKANAI

Minimum Vectoring Altitude CHART

