

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

VAR 8°W
annual change 5.4°W

KITAKYUSHU TOWER
118.85 - 126.2

THR 335004N/1310214E

LOC

WIND SPEED METER

JCG

HANGAR

SOUTH APRON (for small aircraft)

TOWER

NORTH APRON

CARGO

TERMINAL

ABN

ARP 335044N/1310206E

900m

PAPI 3.0° MEHT 66FT

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

T3

T4

T5

T6

WIND SPEED METER

LOC

THR 335004N/1310214E

VAR 8°W
annual change 5.4°W

STOP BAR LGT (T1-T6)
THR 335124N/1310158E

ILS-DME

GS

419m

900m

WIND SPEED METER

RVR

T2

WDI

P1

P2

P3

P4

P5

STANDARD DEPARTURE CHART - INSTRUMENT

RJFR / KITAKYUSHU

SID

ASARI THREE DEPARTURE

RWY 18 : Climb RWY HDG to 500FT, turn left HDG039° ,...

RWY 36 : Climb RWY HDG to 500FT, turn right HDG129° , ...

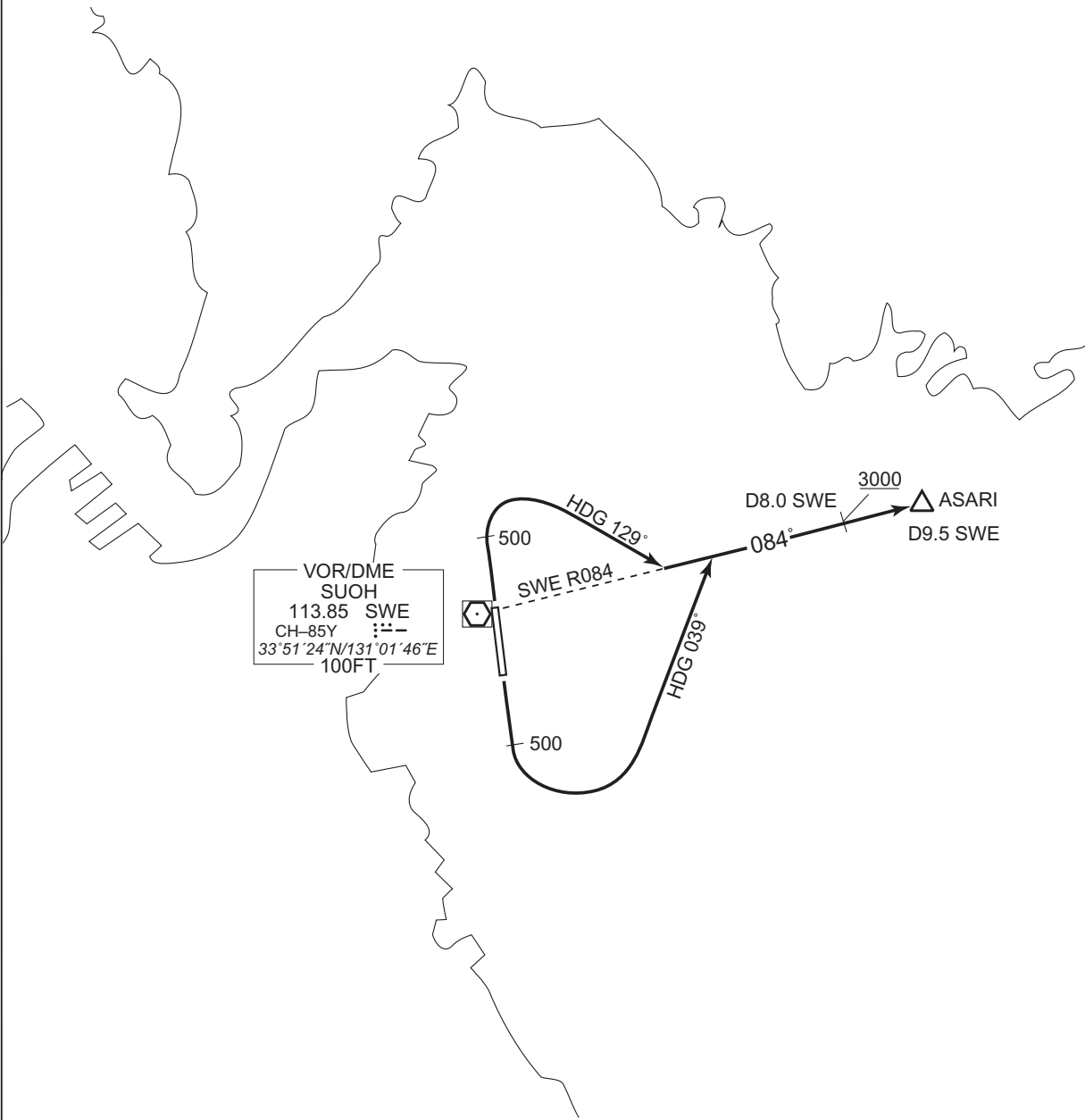
...to intercept and proceed via SWE R084 to ASARI.

Cross SWE 8.0DME at or above 3000FT.

Note RWY18 : 5.8% climb gradient required up to 500FT due to airspace restrictions only.

RWY36 : 4.0% climb gradient required up to 500FT due to airspace restrictions only.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART - INSTRUMENT

RJFR / KITAKYUSHU

TRANSITION

MATSUYAMA TRANSITION

From over ASARI, via SWE R084 to intercept and proceed via UBE R133 to HIMEH, via UBE R133 to intercept and proceed via MYE R257 to MYE VOR/DME.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFR / KITAKYUSHU

TRANSITION

MUSASHI TRANSITION

From over ASARI, via SWE R084 to intercept and proceed via UBE R133 to HIMEH,
via TFE R346 to TFE VOR/DME.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFR / KITAKYUSHU

SID

ONGHA TWO DEPARTURE

RWY 18 : Climb RWY HDG to 500FT, turn left,...

RWY 36 : Climb RWY HDG to 500FT, turn right,...

...direct to SWE VOR/DME, proceed via SWE R259 to ONGHA.

Cross SWE VOR/DME at or above 3000FT.

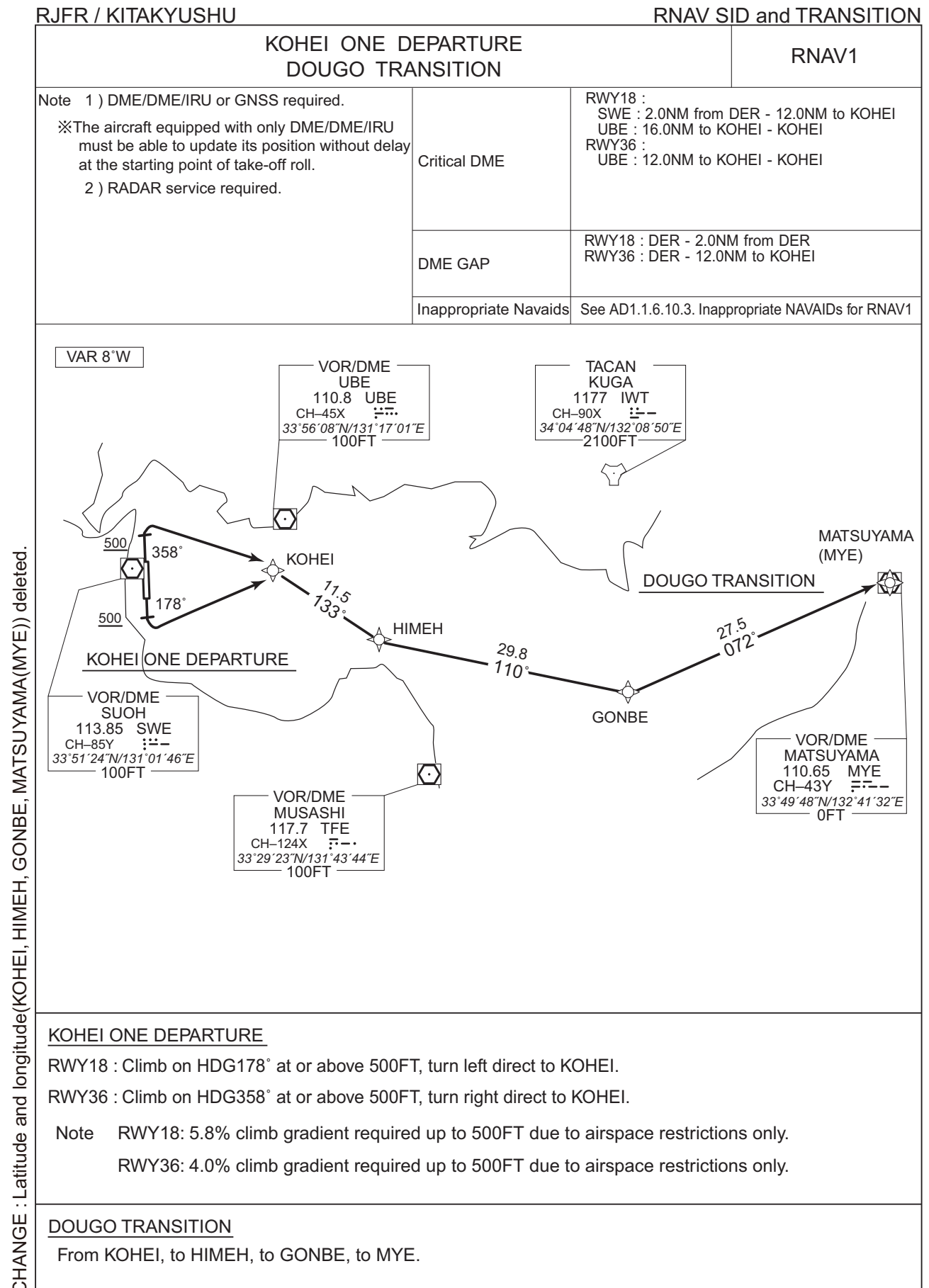
Note RWY18 : 5.8% climb gradient required up to 500FT due to airspace restrictions only.

RWY36 : 4.0% climb gradient required up to 500FT due to airspace restrictions only.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART-INSTRUMENT



STANDARD DEPARTURE CHART-INSTRUMENT

RJFR / KITAKYUSHU

RNAV SID and TRANSITION

KOHEI ONE DEPARTURE

RWY18

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	—	—	178 (170.4)	-7.5	—	—	+500	—	—	RNAV1
002	DF	KOHEI	—	—	-7.5	—	L	—	—	—	RNAV1

RWY36

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	—	—	358 (350.4)	-7.5	—	—	+500	—	—	RNAV1
002	DF	KOHEI	—	—	-7.5	—	R	—	—	—	RNAV1

DOUGO TRANSITION

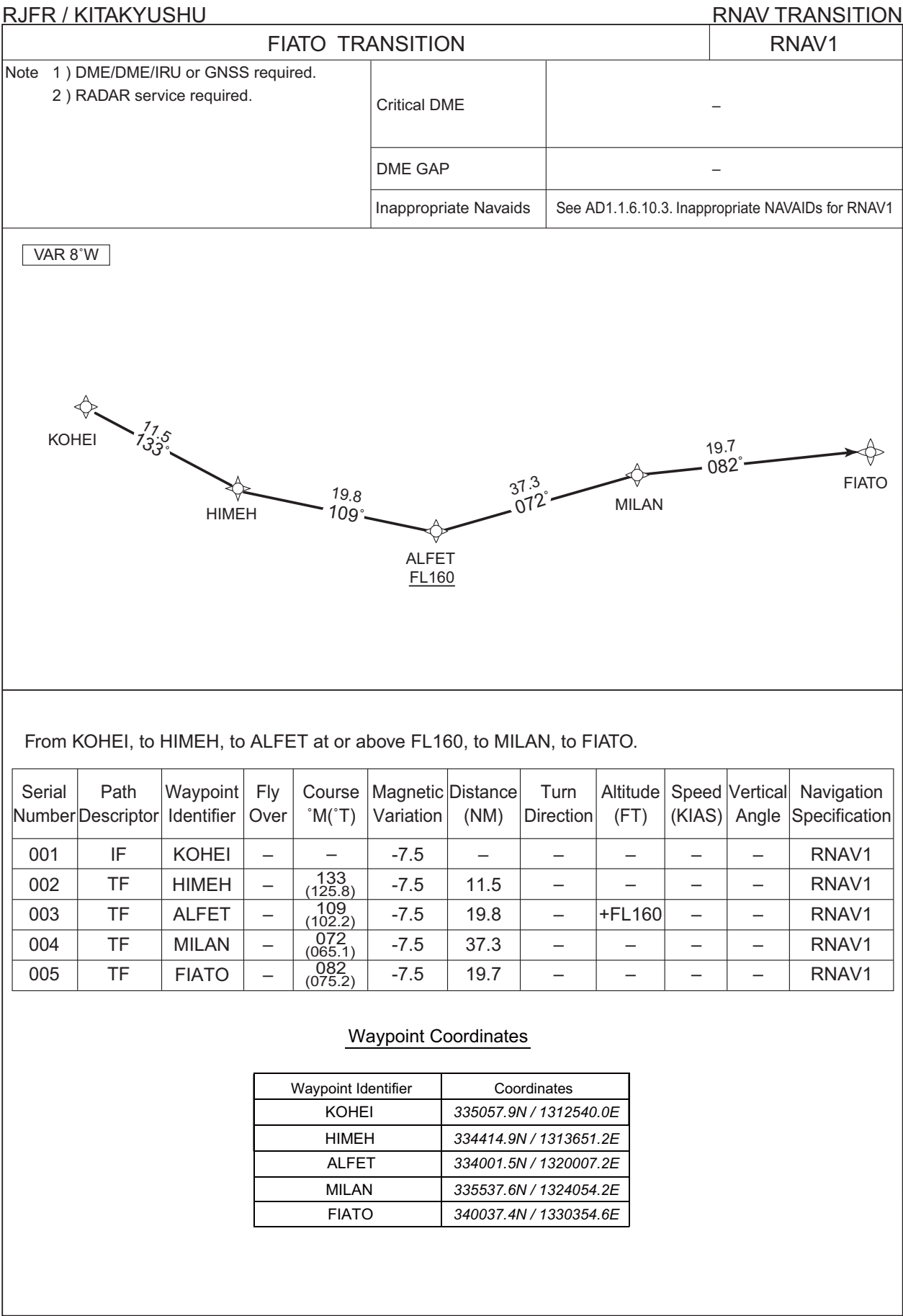
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	KOHEI	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	HIMEH	—	133 (125.8)	-7.5	11.5	—	—	—	—	RNAV1
003	TF	GONBE	—	110 (102.2)	-7.5	29.8	—	—	—	—	RNAV1
004	TF	MYE	—	072 (064.1)	-7.5	27.5	—	—	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates
KOHEI	335057.9N / 1312540.0E
HIMEH	334414.9N / 1313651.2E
GONBE	333752.3N / 1321148.8E
MYE	334948.4N / 1324132.0E

CHANGE : Waypoint Coordinates added.

STANDARD DEPARTURE CHART-INSTRUMENT



CHANGE : Waypoint Coordinates added.

INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART

RJFR / KITAKYUSHU

ILS Z or LOC Z RWY 18

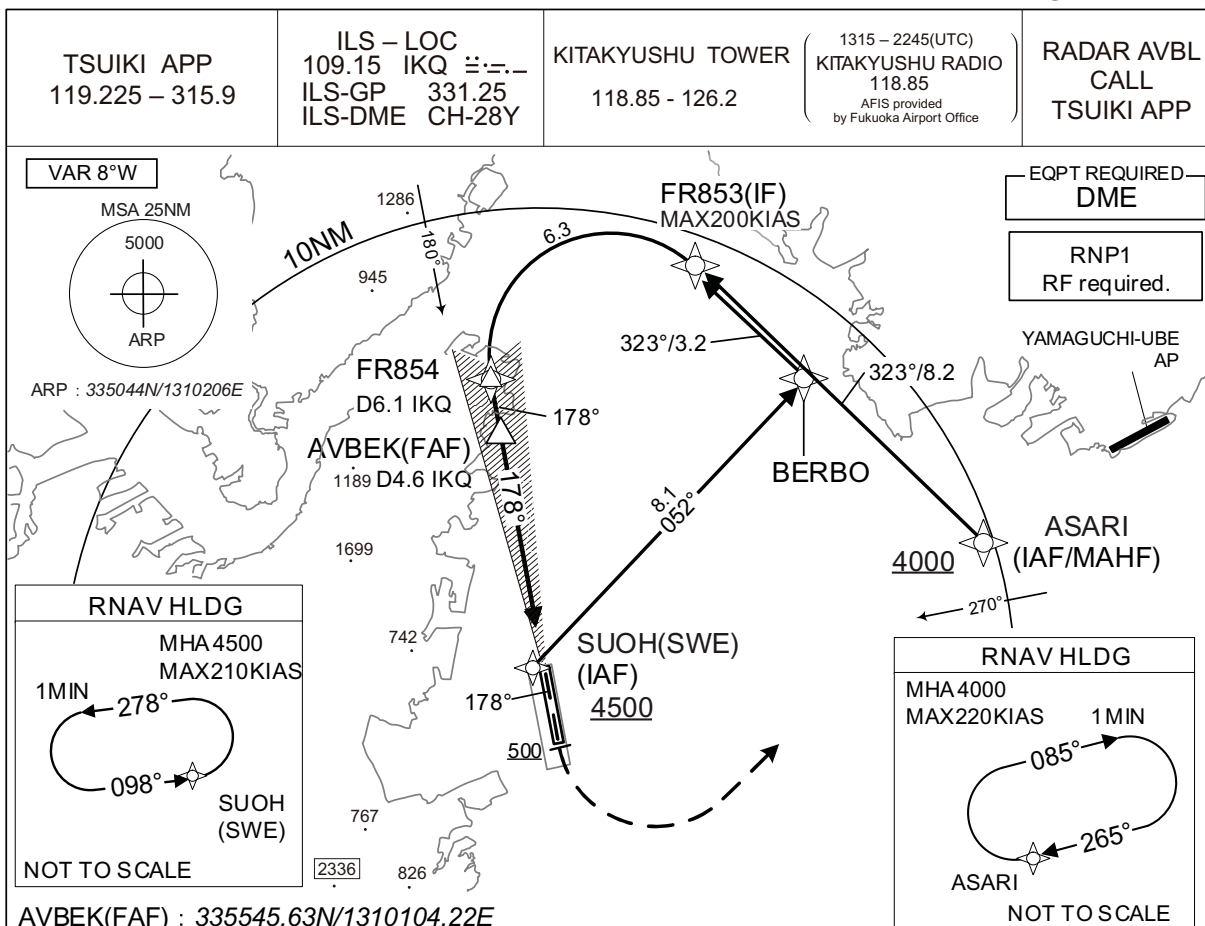


CHANGE : MAPt established.

INSTRUMENT APPROACH CHART

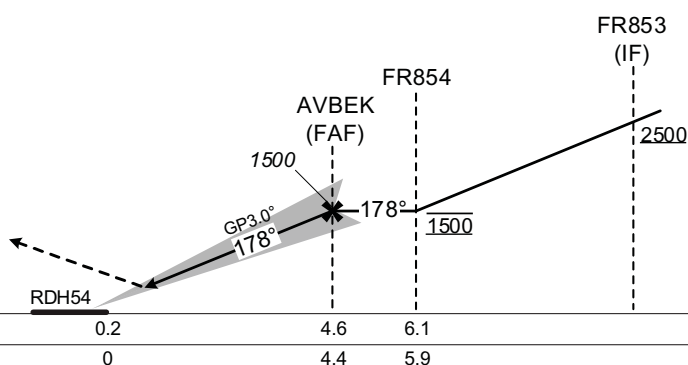
RJFR / KITAKYUSHU

ILS Y RWY18



MISSED APPROACH

Climb on course 178°, at or above 500FT turn left, direct to ASARI and hold at 4000FT. Contact TSUIKI APP.



Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 22	AD elev. 21	
CAT	CAT I		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	222(200)	550	500(479)	1600
B				2400
C			580(559)	3200
D				

Circling to EAST side of RWY only.

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

CHANGE : RNAV HLDG at ASARI.

INSTRUMENT APPROACH CHART

RJFR / KITAKYUSHU

ILS Y RWY18

Coding Table											
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	ASARI	-	-	-8.0	-	-	+4000	-	-	RNP1
002	TF	FR853	-	323 (314.8)	-8.0	8.2	-	+2500	-200	-	RNP1
001	IF	SWE	-	-	-8.0	-	-	+4500	-	-	RNP1
002	TF	BERBO	-	052 (044.5)	-8.0	8.1	-	-	-	-	RNP1
003	TF	FR853	-	323 (314.8)	-8.0	3.2	-	+2500	-200	-	RNP1
001	IF	FR853	-	-	-8.0	-	-	+2500	-200	-	RNP1
002	RF Center: FRRF3 r=2.50NM	FR854	-	-	-8.0	6.3	L	1500	-	-	RNP1
001	CA	-	-	178 (170.4)	-8.0	-	-	+500	-	-	RNP1
002	DF	ASARI	-	-	-8.0	-	L	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	ASARI	265 (256.4)	-8.1	1.0 (-14000)	R	4000	FL140	-220 (-14000)	RNP1
Hold	SWE	098 (090.0)	-8.0	1.0 (-14000)	L	4500	FL140	-210 (-14000)	RNP1

Waypoint Coordinates			
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ASARI	335338.98N / 1311252.32E	FRRF3	335739.78N / 1310343.74E
BERBO	335710.25N / 1310836.17E		
FR853	335926.70N / 1310550.48E		
FR854	335714.50N / 1310045.99E		
SUOH(SWE)	335123.82N / 1310145.84E		

CHANGE : PROC course at ASARI. VAR. Speed at ASARI.

RJFR / KITAKYUSHU

TSUIKI APP 119.225 – 315.9	ILS – LOC 109.15 IKQ 331.25 ILS-GP 331.25 ILS-DME CH-28Y	KITAKYUSHU TOWER 118.85 - 126.2	1315 – 2245(UTC) KITAKYUSHU RADIO 118.85 AFIS provided by Fukuoka Airport Office
--------------------------------------	--	---	---

VAR 8°W

EQPT REQUIRED

DME

VOR

NOT TO SCALE

D15.5 SWE

084°

264°

R084

SWE

VOR/DME

ASARI

D9.5 SWE

MHA 4000

MSA 25NM

NOT TO SCALE

257°

077°

SWE

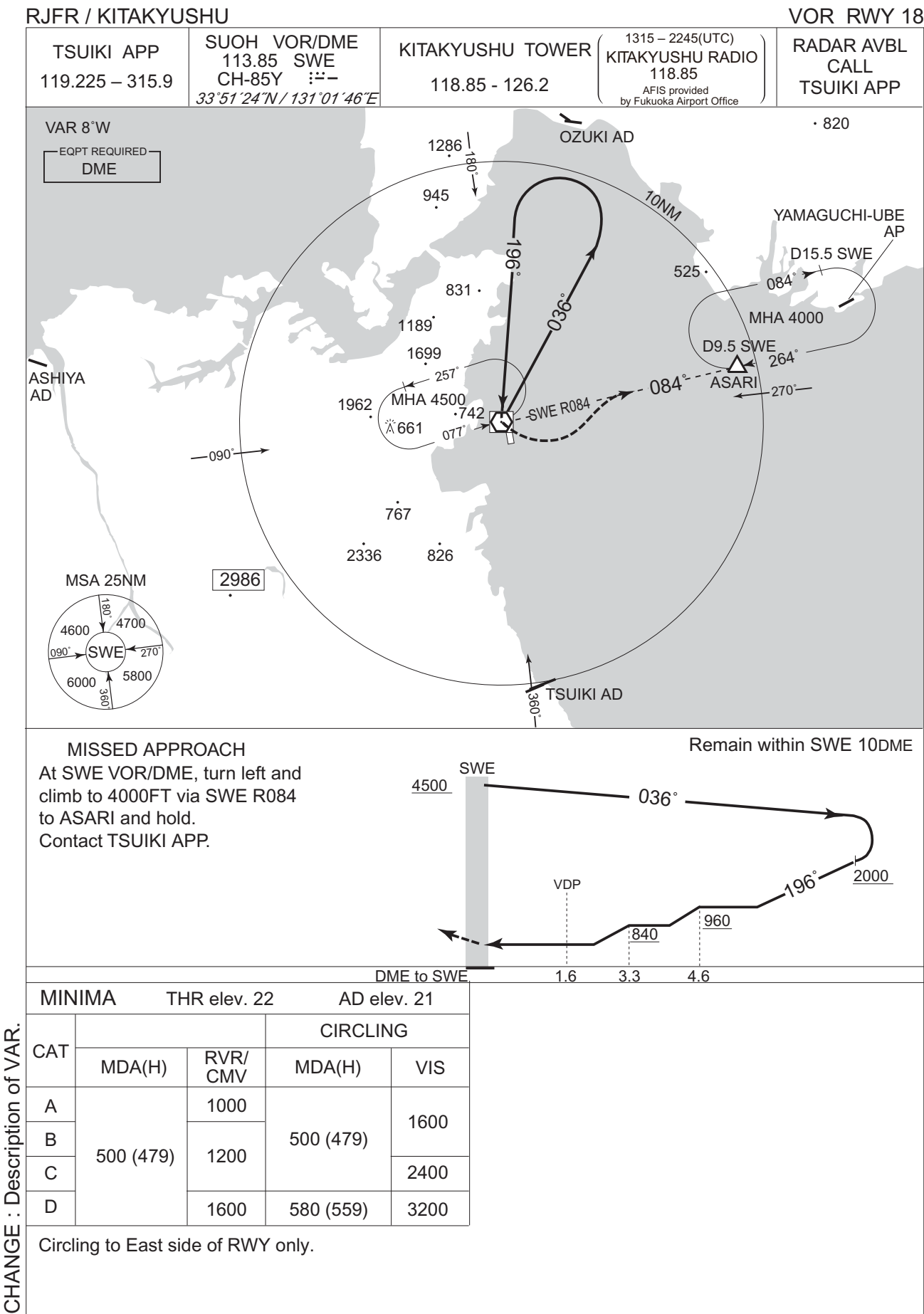
VOR/DME

MHA 4500

MINIMA		THR elev. 22	AD elev. 21	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	500 (479)	1000	500 (479)	1600
B		1200		
C				2400
D		1600	580 (559)	3200

CHANGE : Description of HLDG.

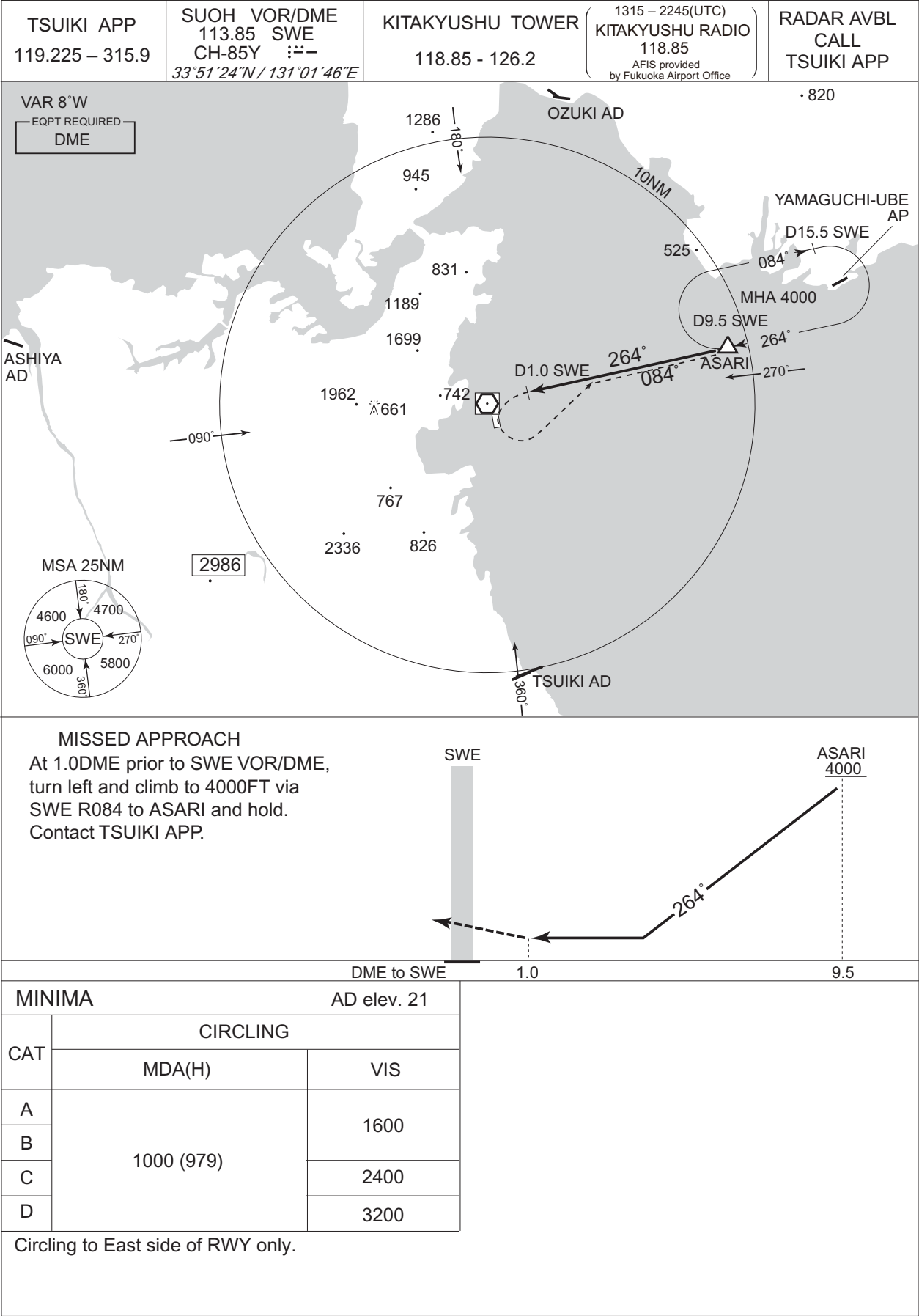
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFR / KITAKYUSHU

VOR A



CHANGE : Description of VAR.

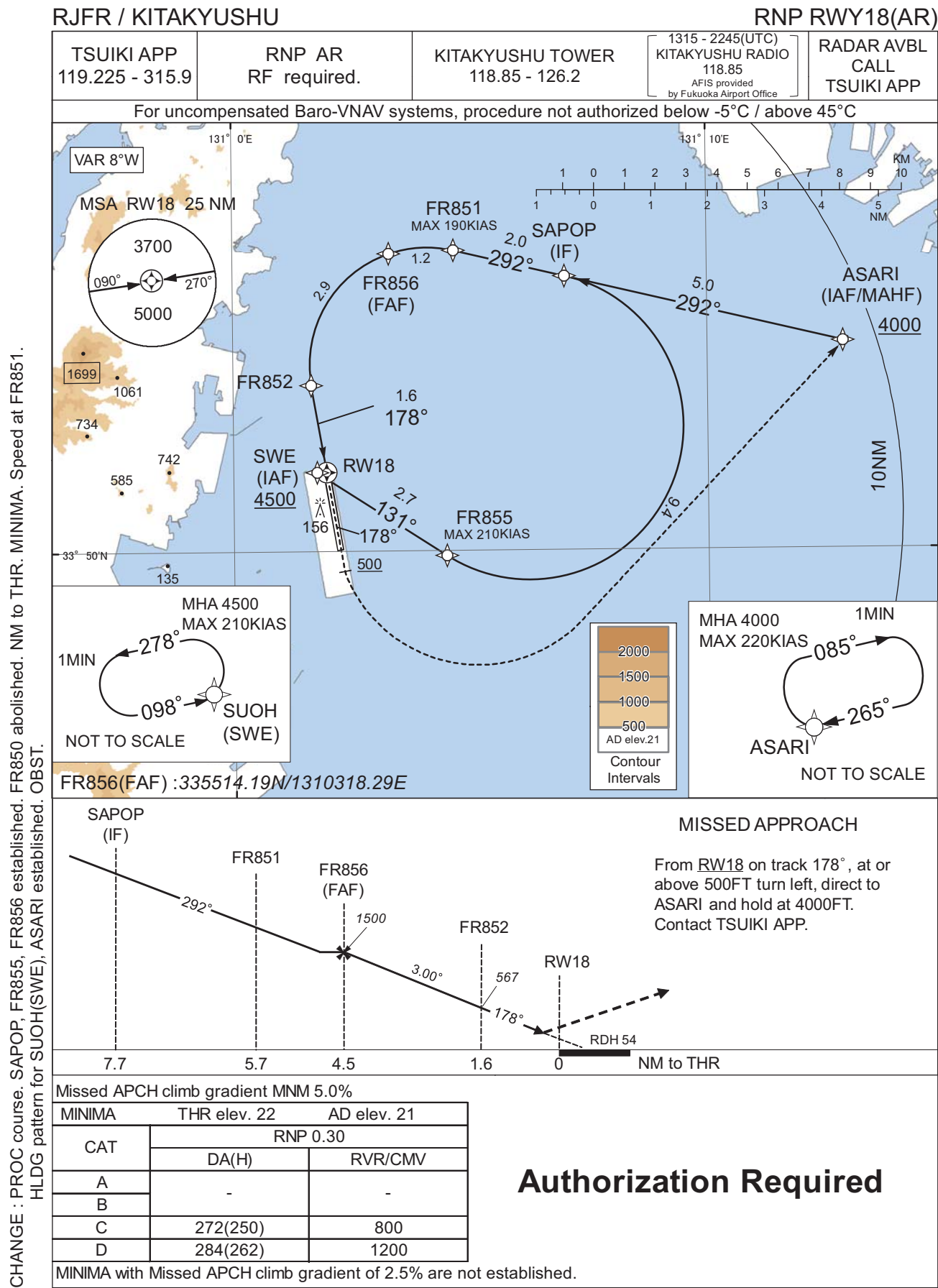
INSTRUMENT APPROACH CHART

RJFR / KITAKYUSHU

VOR B



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFR / KITAKYUSHU

RNP RWY18(AR)

CHANGE : SAPOP, FR855, FR856 established. FR850 abolished. PROC course. VAR. ALT restriction. Hold at ASARI, SWE, Waypoint Coordinates established.

Coding Table

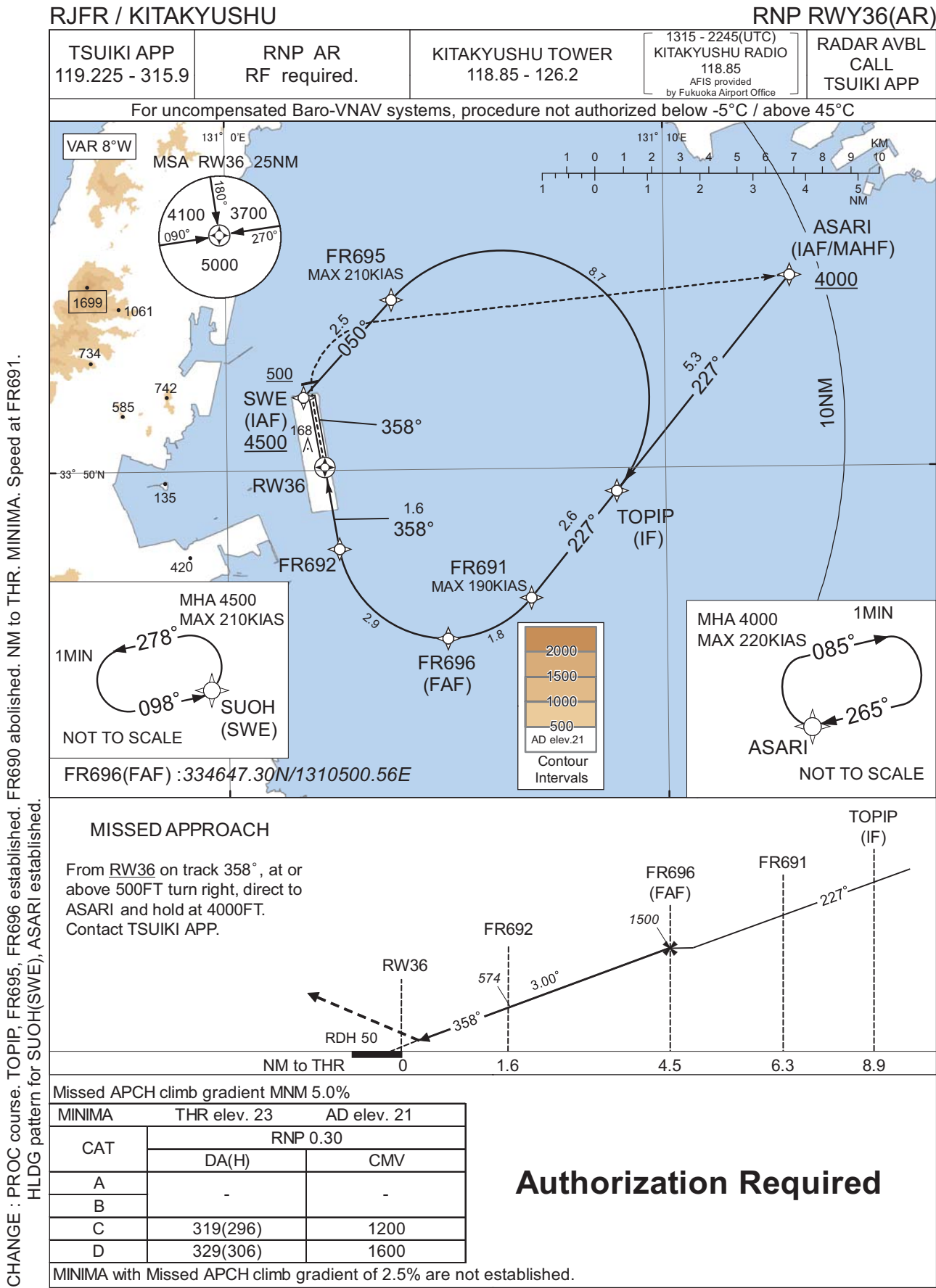
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	ASARI	-	-	-8.1	-	-	+4000	-	-	-
002	TF	SAPOP	-	292 (283.6)	-8.1	5.0	-	-	-	-	0.3
001	IF	SWE	-	-	-8.1	-	-	+4500	-	-	-
002	TF	FR855	-	131 (123.1)	-8.1	2.7	-	-	-210	-	0.3
003	RF Center: FRRF4 r=2.70NM	SAPOP	-	-	-8.1	9.4	L	-	-	-	0.3
001	IF	SAPOP	-	-	-8.1	-	-	-	-	-	-
002	TF	FR851	-	292 (283.5)	-8.1	2.0	-	-	-190	-	0.3
003	RF Center: FRRF1 r=2.06NM	FR856	-	-	-8.1	1.2	L	1500	-	-3.00	0.3
004	RF Center: FRRF1 r=2.06NM	FR852	-	-	-8.1	2.9	L	567	-	-3.00	0.3
005	TF	RW18	Y	178 (170.4)	-8.1	1.6	-	76	-	-3.00/54	0.3
006	FA	-	-	178 (170.4)	-8.1	-	-	+500	-	-	1.0
007	DF	ASARI	-	-	-8.1	-	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	ASARI	265 (256.4)	-8.1	1.0 (-14000)	R	4000	FL140	-220 (-14000)	1.0
Hold	SWE	098 (090.0)	-8.1	1.0 (-14000)	L	4500	FL140	-210 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ASARI	335338.98N / 1311252.32E	FRRF4	335211.48N / 1310615.14E
SUOH(SWE)	335123.82N / 1310145.84E	FRRF1	335316.61N / 1310405.62E
FR855	334955.38N / 1310429.24E		
SAPOP	335449.30N / 1310700.39E		
FR851	335517.24N / 1310440.15E		
FR856	335514.19N / 1310318.29E		
FR852	335255.76N / 1310139.03E		
RW18	335123.92N / 1310157.83E		

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFR / KITAKYUSHU

RNP RWY36(AR)

CHANGE : TOPIP, FR695, FR696 established. FR690 abolished. PROC course. VAR. ALT restriction. Hold at ASARI, SWE, Waypoint Coordinates established.

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	ASARI	-	-	-8.1	-	-	+4000	-	-	-
002	TF	TOPIP	-	227 (219.1)	-8.1	5.3	-	-	-	-	0.3
001	IF	SWE	-	-	-8.1	-	-	+4500	-	-	-
002	TF	FR695	-	050 (042.2)	-8.1	2.5	-	-	-210	-	0.3
003	RF Center: FRRF5 r=2.81NM	TOPIP	-	-	-8.1	8.7	R	-	-	-	0.3
001	IF	TOPIP	-	-	-8.1	-	-	-	-	-	-
002	TF	FR691	-	227 (219.0)	-8.1	2.6	-	-	-190	-	0.3
003	RF Center: FRRF2 r=2.06NM	FR696	-	-	-8.1	1.8	R	1500	-	-3.00	0.3
004	RF Center: FRRF2 r=2.06NM	FR692	-	-	-8.1	2.9	R	574	-	-3.00	0.3
005	TF	RW36	Y	358 (350.4)	-8.1	1.6	-	73	-	-3.00/50	0.3
006	FA	-	-	358 (350.4)	-8.1	-	-	+500	-	-	1.0
007	DF	ASARI	-	-	-8.1	-	R	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	ASARI	265 (256.4)	-8.1	1.0 (-14000)	R	4000	FL140	-220 (-14000)	1.0
Hold	SWE	098 (090.0)	-8.1	1.0 (-14000)	L	4500	FL140	-210 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ASARI	335338.98N / 1311252.32E	FRRF5	335120.78N / 1310616.38E
SUOH(SWE)	335123.82N / 1310145.84E	FRRF2	334851.32N / 1310459.78E
FR695	335314.57N / 1310346.97E		
TOPIP	334934.23N / 1310853.21E		
FR691	334733.05N / 1310655.02E		
FR696	334647.30N / 1310500.56E		
FR692	334830.46N / 1310233.32E		
RW36	335004.08N / 1310214.17E		

RJFR / KITAKYUSHU

Visual REP



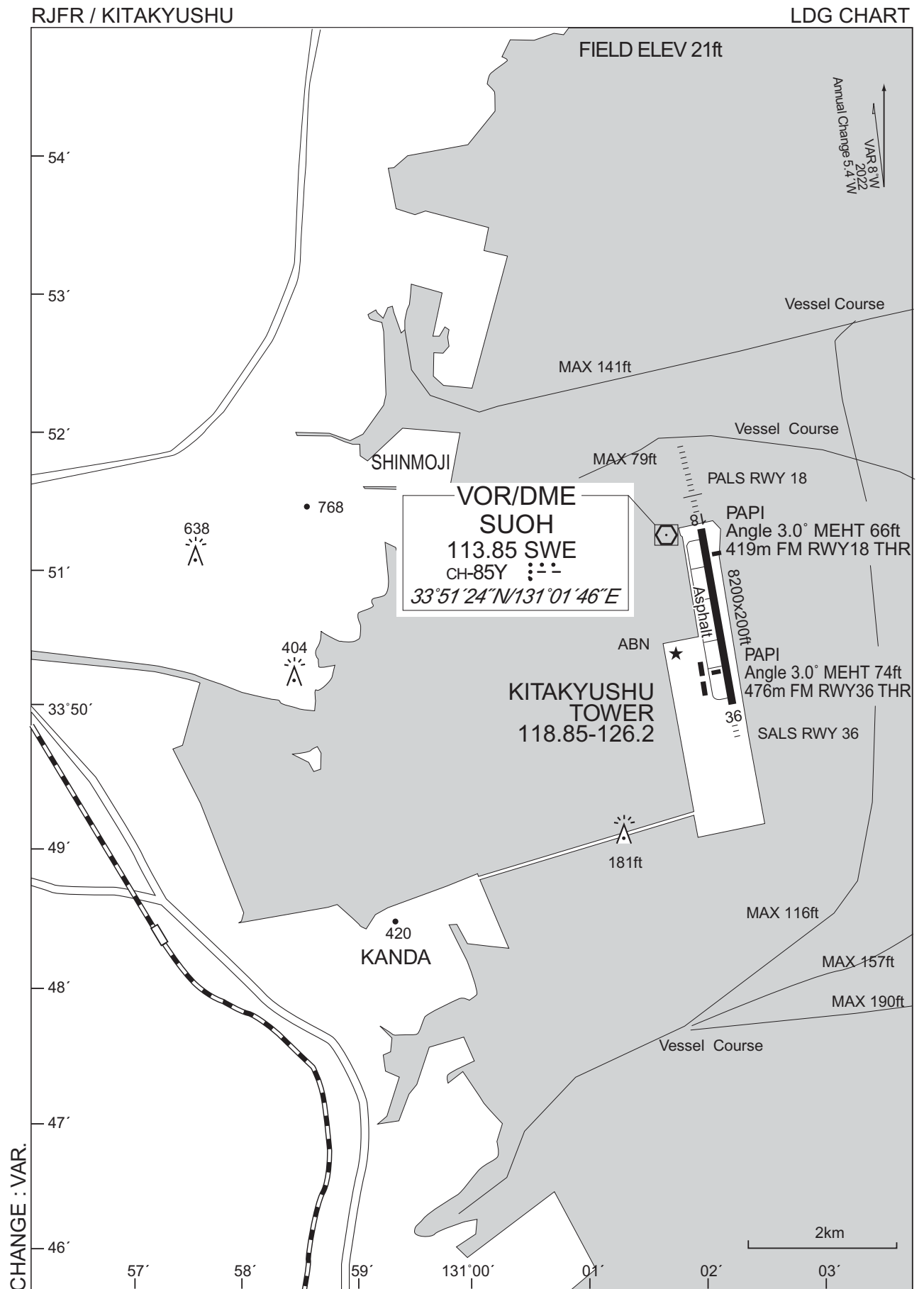
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

RJFR / KITAKYUSHU

Visual REP

Call sign	BRG / DIST from ARP	Remarks
部崎 Hesaki	355°T / 6.8NM	灯台 Lighthouse
6NM NE	045°T / 6.0NM	海上 Over the sea
6NM E	090°T / 6.0NM	海上 Over the sea
6NM SE	135°T / 6.0NM	海上 Over the sea
苅田 Kanda	202°T / 5.5NM	日産自動車九州工場 Automobile manufacturing plant
石原町 Ishiharamachi	247°T / 9.2NM	JR石原町駅 Station
間島 Majima	252°T / 3.1NM	島 Island
東インター Higashi Inter	263°T / 6.2NM	小倉東I.C.(九州自動車道) Interchange
小倉ステーション Kokura Station	288°T / 8.0NM	JR小倉駅 Station

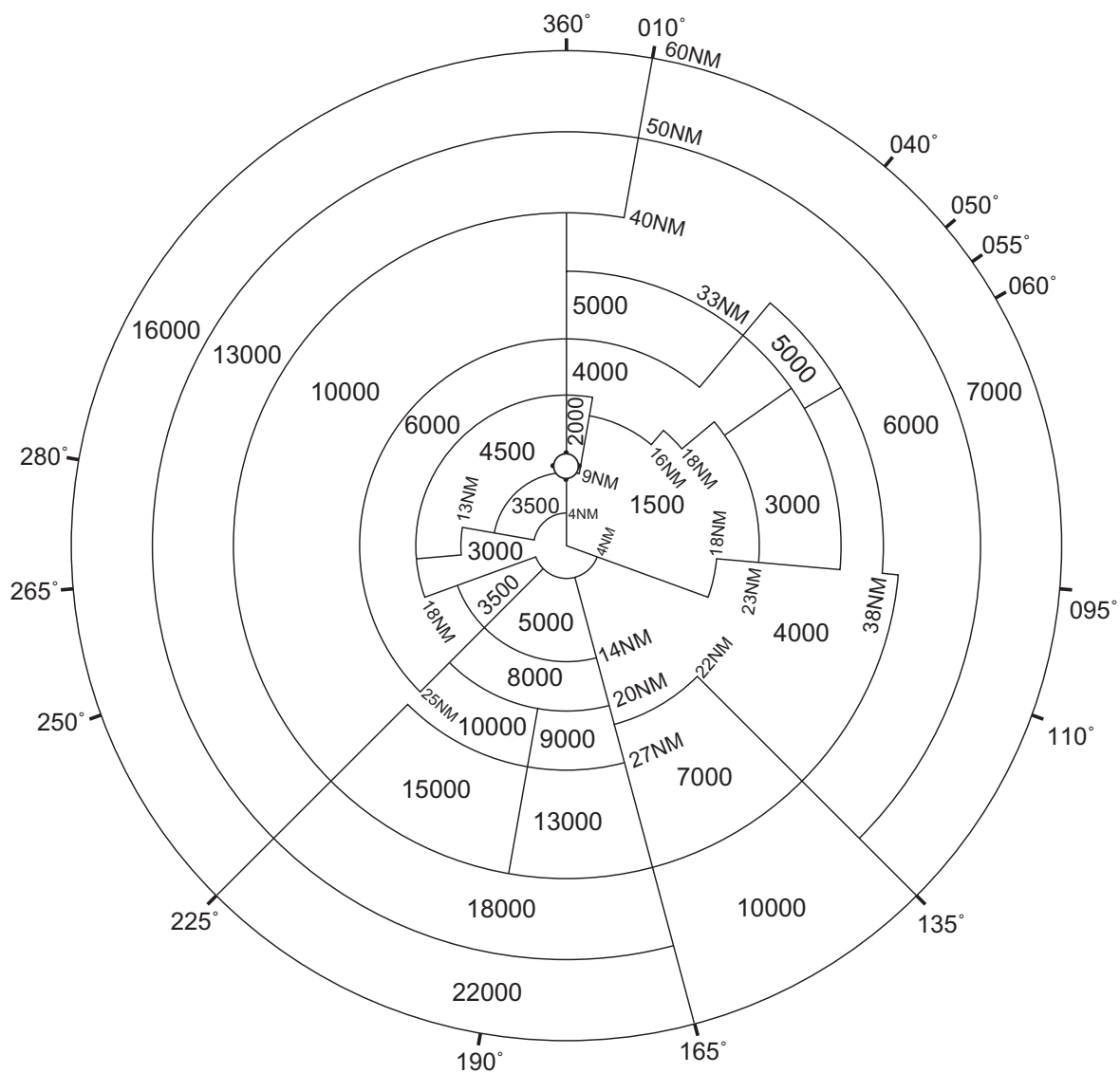
CHANGE : BRG/DIST from ARP. Remarks(Kanda).



RJFR / KITAKYUSHU

Minimum Vectoring Altitude CHART

VAR 8°W (2022)



CENTER : 334041N/1310204E (RJFZ RADAR SITE)

CHANGE : VAR.