

## AD CHART

Profile view of Runway 11 and Runway 29 showing a 0.1% slope. The diagram includes a horizontal line representing the runway surface, with points marked at 1200m, 1400m, and 2000m. The slope is indicated by a vertical line and the text "0.1%". The runways are labeled "RWY 11" and "RWY 29". The distance between the start of RWY 11 and the end of RWY 29 is 2000m. The vertical distance between the runway surface and the 0.1% slope line is 6ft (1.7m).

**INTENTIONALLY LEFT BLANK**

## STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

SID

SAGA REVERSAL TWO DEPARTURE

RWY11 : Climb RWY HDG to 500FT, turn right,...

RWY29 : Climb RWY HDG to 500FT, turn left HDG 090° to intercept and proceed...  
...via SGE R135 to 9.0DME, turn left, direct to SGE VOR/DME.

Cross SGE VOR/DME at 6000FT.

Note RWY29 : 3.5% climb gradient required up to 500FT.

ARIAKE REVERSAL TWO DEPARTURE

RWY11 : Climb RWY HDG to 500FT, turn right HDG 288°...

RWY29 : Climb RWY HDG to 500FT, turn left HDG 198°...

...to intercept and proceed via SGE R243 to 7.0DME, turn right, direct to SGE VOR/DME.  
Cross SGE VOR/DME at or above 6000FT.

Note RWY29 : 3.5% climb gradient required up to 500FT.

ARIAKE REVERSAL  
TWO DEPARTURESAGA REVERSAL  
TWO DEPARTURE

## STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

TRANSITION

KUMAMOTO TRANSITION

From over SGE VOR/DME, via SGE R195 to 18.0DME, turn left, via KUE R271 to KUE VOR/DME.

Cross SGE R195/6.0DME at 6000FT, cross SGE R195/18.0DME at or above 10000FT.

NAGASAKI TRANSITION

From over SGE VOR/DME, via SGE R195 to 18.0DME, turn right, direct to OLE VOR/DME.

Cross SGE R195/6.0DME at 6000FT, cross SGE R195/18.0DME at or above 10000FT.



STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

SID

KIKYU FIVE DEPARTURE

RWY11 : Climb RWY HDG to 500FT, turn right,...

RWY29 : Climb RWY HDG to 500FT, turn left HDG075° to intercept and proceed...  
... via SGE R120 to 9.0DME, turn left HDG048° to intercept  
and proceed via SGE R093 to KIKYU.

Cross KIKYU at or above 13000FT.

Note RWY29 : 3.5% climb gradient required up to 500FT.



## STANDARD DEPARTURE CHART - INSTRUMENT

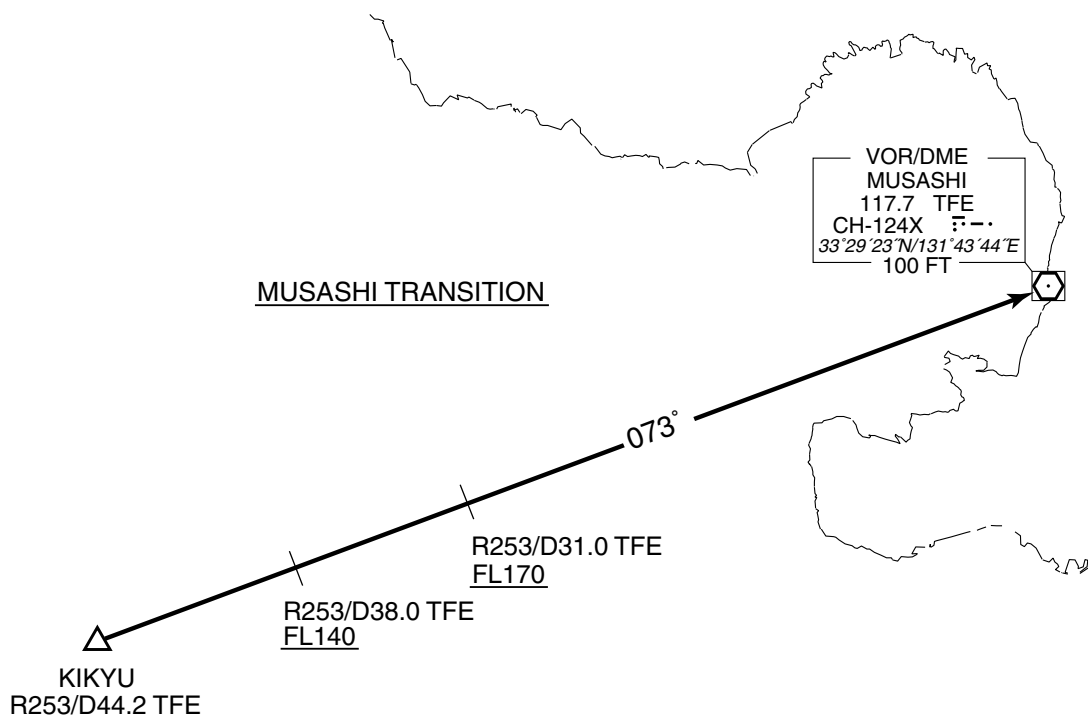
RJFS / SAGA

TRANSITION

MUSASHI TRANSITION

From over KIKYU, via TFE R253 to TFE VOR/DME.

Cross TFE R253/38.0DME at or above FL140, cross TFE R253/31.0DME at or above FL170.



## STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

RNAV TRANSITION

OOITA TRANSITION			RNAV1
NOTE 1 ) DME/DME/IRU or GNSS required. 2 ) RADAR service required.	Critical DME	—	
	DME GAP	—	
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

VAR 7° W(2016)

OOITA TRANSITION

From KIKYU at or above 13000FT, to WAITA at or above FL170, to OOITA.

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	KIKYU	—	—	-7.2	—	—	+13000	—	—	RNAV1
002	TF	WAITA	—	094 (086.3)	-7.2	8.1	—	+FL170	—	—	RNAV1
003	TF	OOITA	—	094 (086.4)	-7.2	30.9	—	—	—	—	RNAV1

**INTENTIONALLY LEFT BLANK**



STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

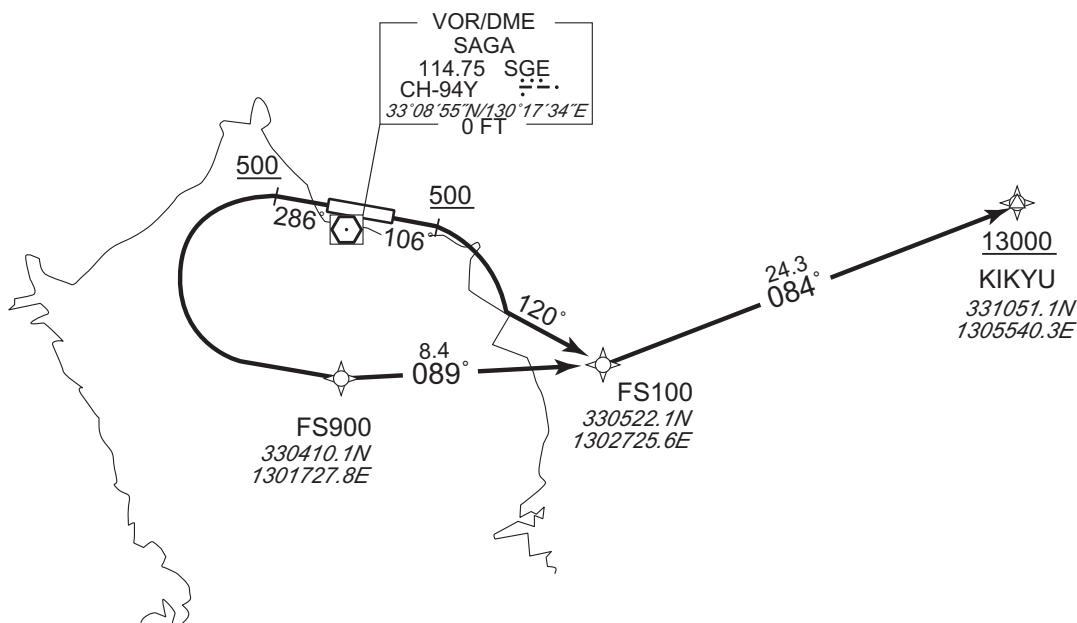
RNAV SID

BALLOON ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 7° W(2016)



BALLOON ONE DEPARTURE

BALLOON ONE DEPARTURE

RWY11 : Climb on HDG106° at or above 500FT, turn right to FS100 on track 120°, to KIKYU at or above 13000FT.

RWY29 : Climb on HDG286° at or above 500FT, turn left direct to FS900, to FS100, to KIKYU at or above 13000FT.

NOTE RWY29 : 3.5% climb gradient required up to 500FT.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

RNAV SID

BALLOON ONE DEPARTURE

## RWY11

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	—	—	106 (099.3)	-7.2	—	—	+500	—	—	Basic RNP1
002	CF	FS100	—	120 (113.2)	-7.2	—	—	—	—	—	Basic RNP1
003	TF	KIKYU	—	084 (076.8)	-7.2	24.3	—	+13000	—	—	Basic RNP1

## RWY29

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	—	—	286 (279.3)	-7.2	—	—	+500	—	—	Basic RNP1
002	DF	FS900	—	—	-7.2	—	L	—	—	—	Basic RNP1
003	TF	FS100	—	089 (081.8)	-7.2	8.4	—	—	—	—	Basic RNP1
004	TF	KIKYU	—	084 (076.8)	-7.2	24.3	—	+13000	—	—	Basic RNP1

STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

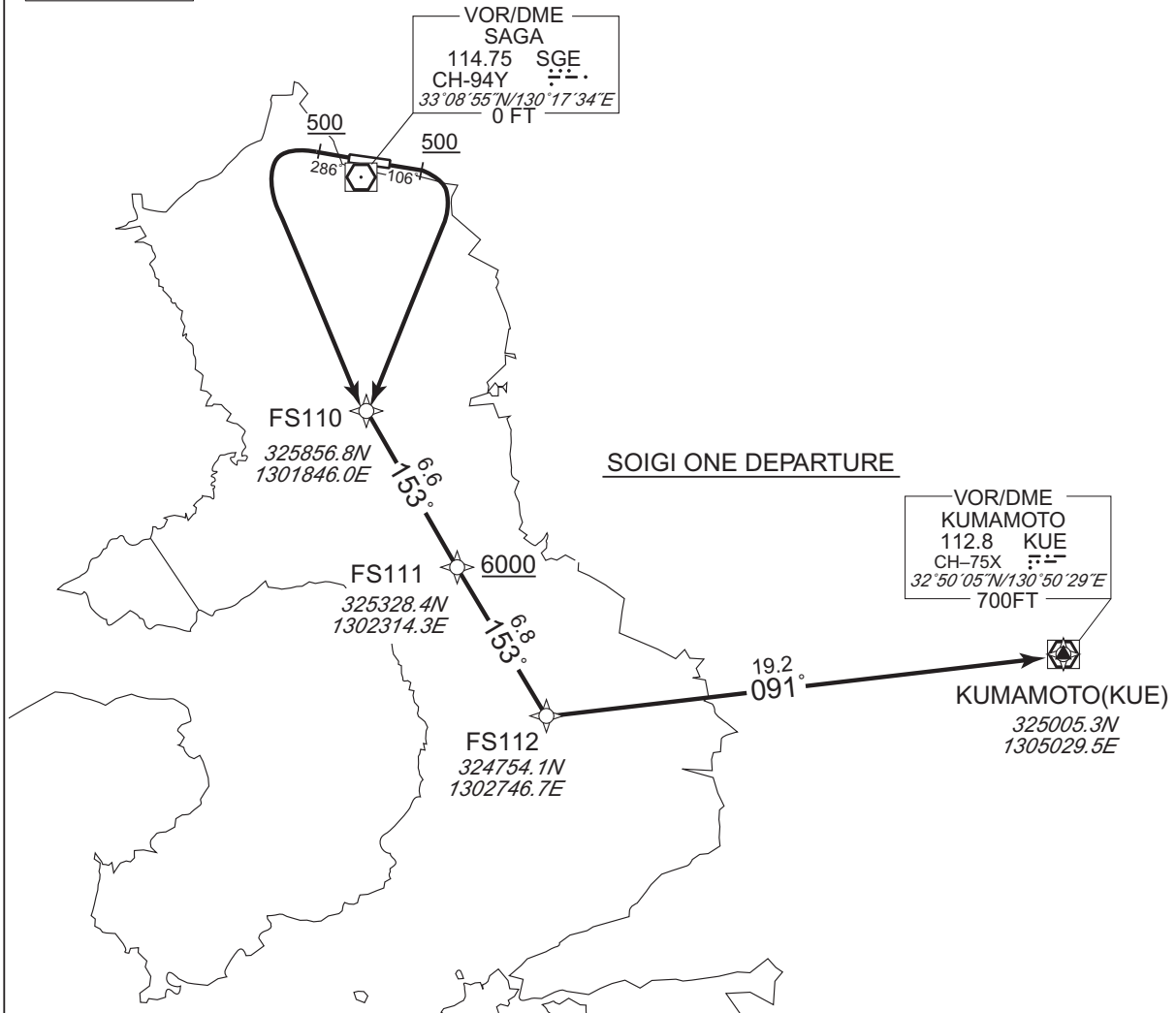
RNAV SID

SOIGI ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 7° W(2016)



SOIGI ONE DEPARTURE

RWY11 : Climb on HDG106° at or above 500FT, turn right direct to FS110, to FS111 at or above 6000FT, to FS112, to KUE.

RWY29 : Climb on HDG286° at or above 500FT, turn left direct to FS110, to FS111 at or above 6000FT, to FS112, to KUE.

NOTE RWY29 : 3.5% climb gradient required up to 500FT.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

RNAV SID

SOIGI ONE DEPARTURE

## RWY11

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	—	—	106 (099.3)	-7.2	—	—	+500	—	—	Basic RNP1
002	DF	FS110	—	—	-7.2	—	R	—	—	—	Basic RNP1
003	TF	FS111	—	153 (145.5)	-7.2	6.6	—	+6000	—	—	Basic RNP1
004	TF	FS112	—	153 (145.6)	-7.2	6.8	—	—	—	—	Basic RNP1
005	TF	KUE	—	091 (083.4)	-7.2	19.2	—	—	—	—	Basic RNP1

## RWY29

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	—	—	286 (279.3)	-7.2	—	—	+500	—	—	Basic RNP1
002	DF	FS110	—	—	-7.2	—	L	—	—	—	Basic RNP1
003	TF	FS111	—	153 (145.5)	-7.2	6.6	—	+6000	—	—	Basic RNP1
004	TF	FS112	—	153 (145.6)	-7.2	6.8	—	—	—	—	Basic RNP1
005	TF	KUE	—	091 (083.4)	-7.2	19.2	—	—	—	—	Basic RNP1

STANDARD ARRIVAL CHART-INSTRUMENT

RJFS / SAGA

STAR

IRPIN NORTH ARRIVAL

From over IRPIN, via OLE R102 to MILEP, via SGE R194 to SGE VOR/DME via UGAMU.

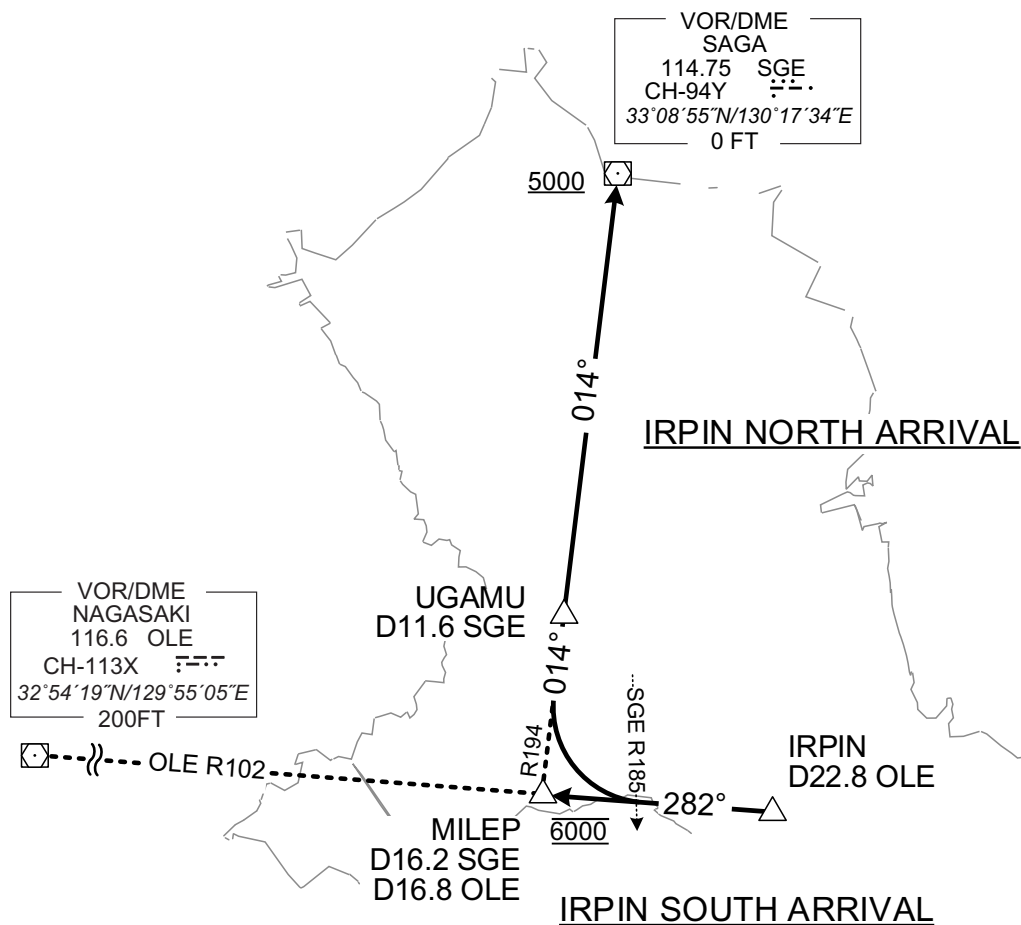
Cross MILEP at 6000FT, cross SGE VOR/DME at or above 5000FT.

IRPIN SOUTH ARRIVAL

From over IRPIN, via OLE R102 to MILEP.

Cross MILEP at 6000FT.

CHANGE: New PROC

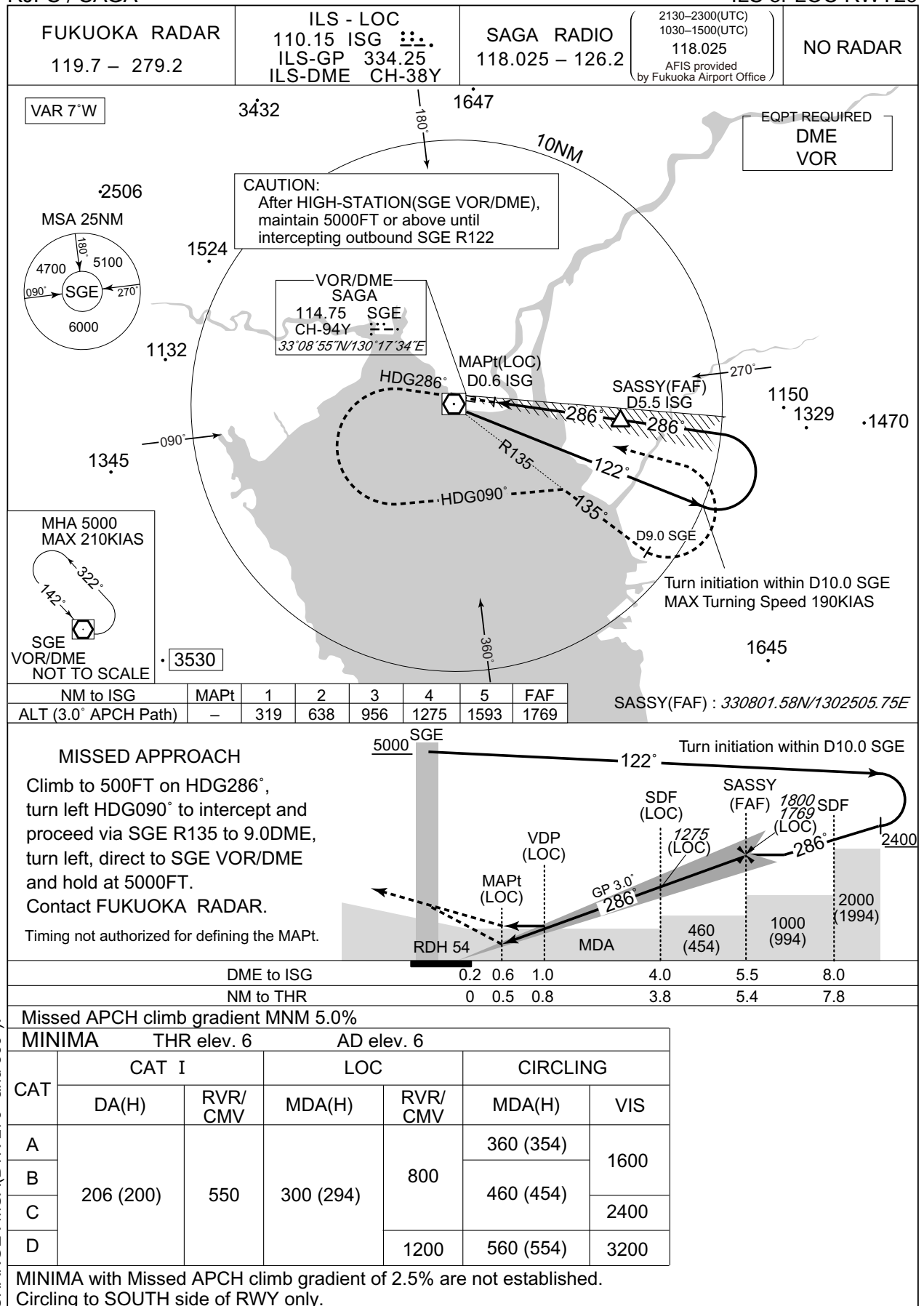


**INTENTIONALLY LEFT BLANK**

## INSTRUMENT APPROACH CHART

RJFS / SAGA

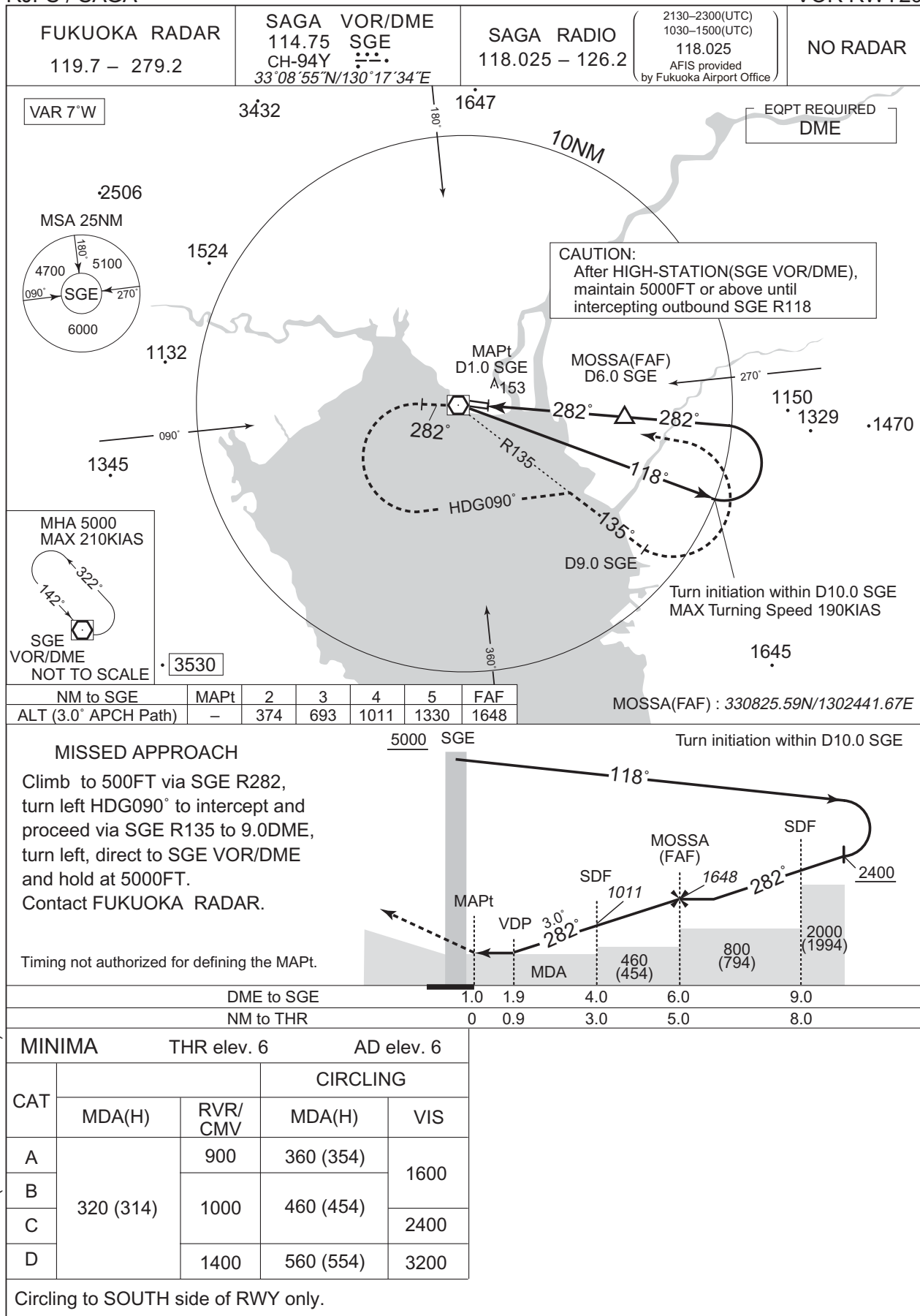
ILS or LOC RWY29



## INSTRUMENT APPROACH CHART

RJFS / SAGA

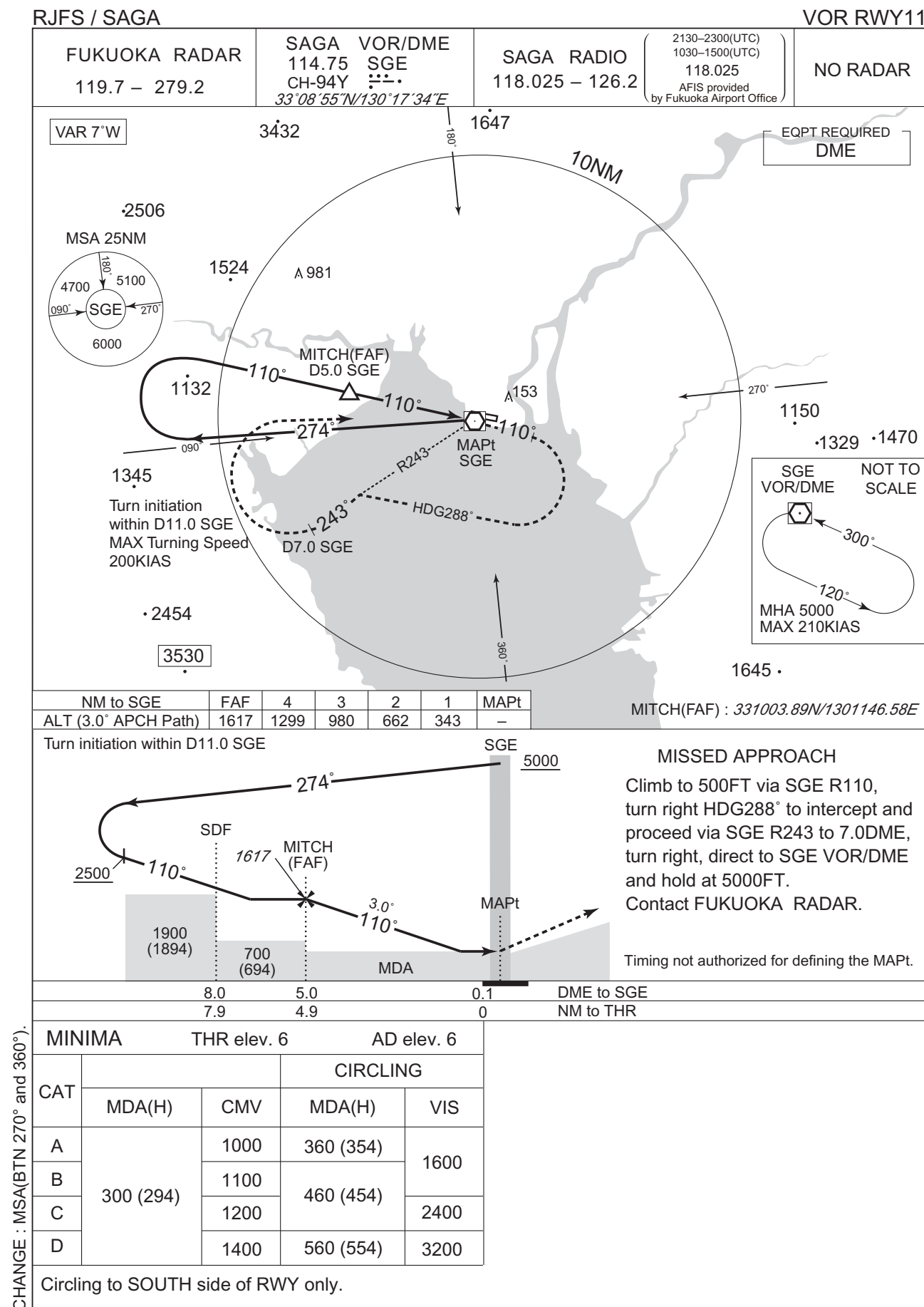
VOR RWY29



CHANGE : MSA(BTN 270° and 360°).



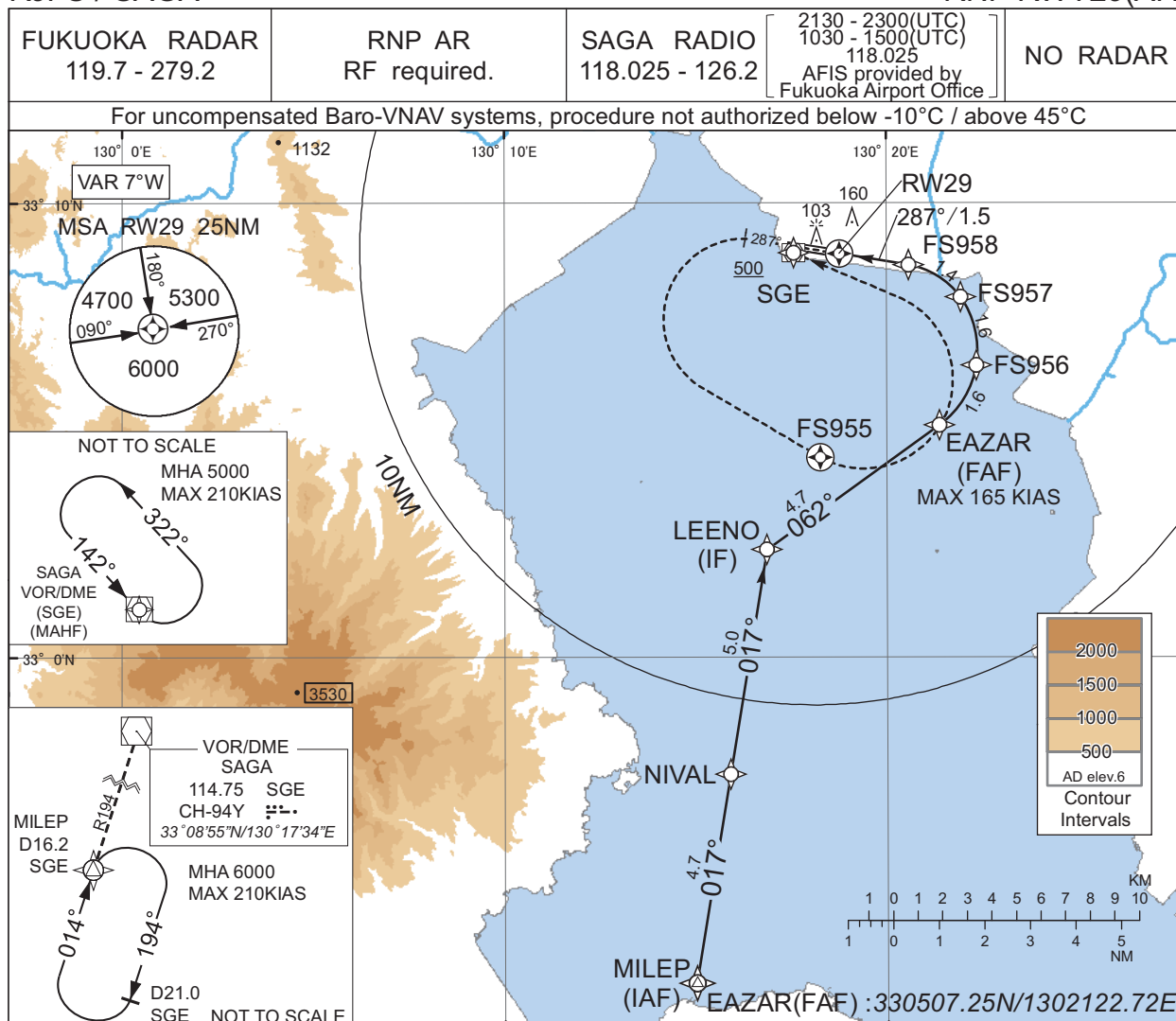
## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

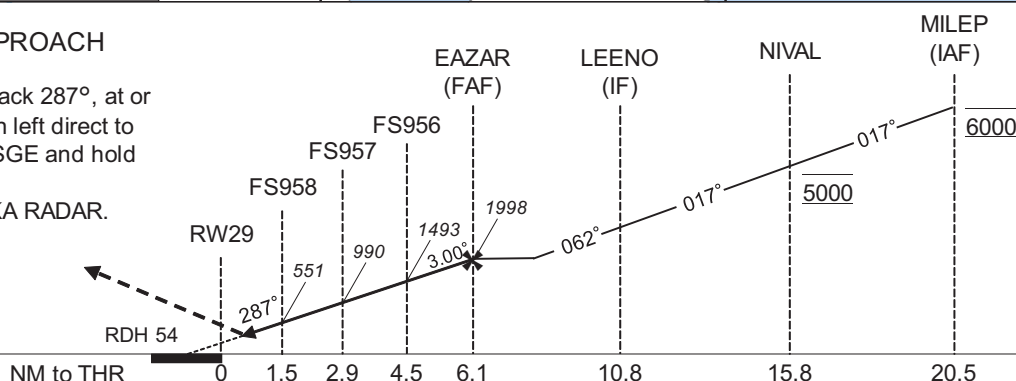
RJFS / SAGA

RNP RWY29(AR)



## MISSED APPROACH

From RW29 on track 287°, at or above 500FT, turn left direct to FS955, direct to SGE and hold at 5000FT.  
Contact FUKUOKA RADAR.



MINIMA	THR elev. 6	AD elev. 6
CAT	RNP 0.30	
	DA(H)	RVR/CMV
A	-	-
B	-	-
C	306(300)	1000
D		1400

**Authorization Required**

CHANGE : MSA (BTN 270° and 360°).

## INSTRUMENT APPROACH CHART

RJFS / SAGA

RNP RWY29(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	MILEP	-	-	-7.5	-	-	6000	-	-	-
002	TF	NIVAL	-	017 (009.2)	-7.5	4.7	-	5000	-	-	0.3
003	TF	LEENO	-	017 (009.2)	-7.5	5.0	-	-	-	-	0.3
004	TF	EAZAR	-	062 (054.2)	-7.5	4.7	-	1998	-165	-	0.3
005	RF Center: FSRF8 r=2.02NM	FS956	-	-	-7.5	1.6	L	1493	-	-3.00	0.3
006	RF Center: FSRF9 r=1.98NM	FS957	-	-	-7.5	1.6	L	990	-	-3.00	0.3
007	RF Center: FSRF0 r=1.75NM	FS958	-	-	-7.5	1.4	L	551	-	-3.00	0.3
008	TF	RW29	Y	287 (279.3)	-7.5	1.5	-	60	-	-3.00/54	0.3
009	FA	-	-	287 (279.3)	-7.5	-	-	+500	-	-	1.0
010	DF	FS955	Y	-	-7.5	-	L	-	-	-	1.0
011	DF	SGE	-	-	-7.5	-	L	5000	-	-	1.0

Waypoint Coordinates

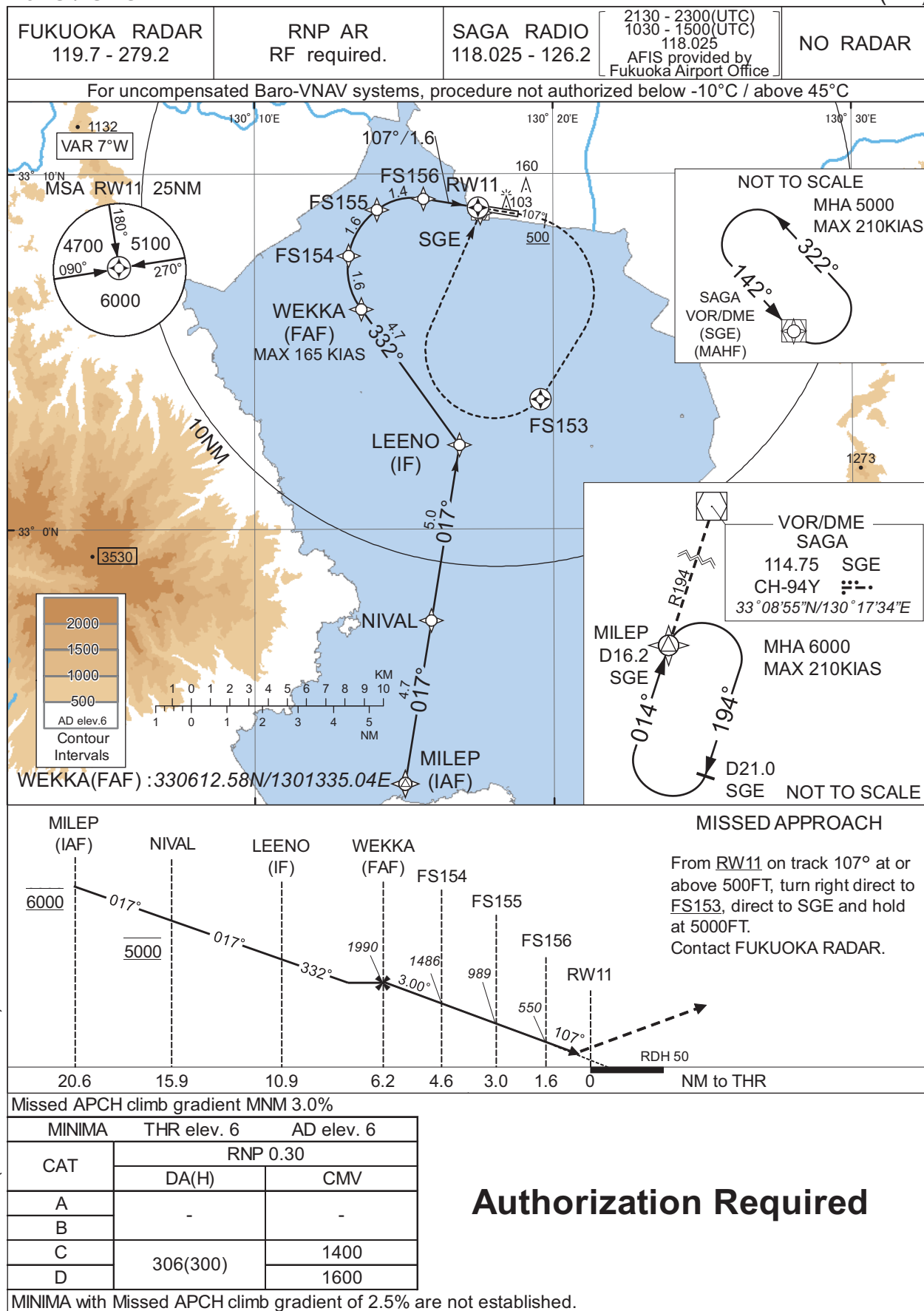
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
MILEP	325250.49N / 1301501.22E	FSRF8	330645.72N / 1301958.78E
NIVAL	325726.55N / 1301554.33E	FSRF9	330646.63N / 1302001.15E
LEENO	330223.31N / 1301651.53E	FSRF0	330654.73N / 1302014.52E
EAZAR	330507.25N / 1302122.72E		
FS956	330626.19N / 1302220.91E		
FS957	330756.35N / 1302156.32E		
FS958	330838.87N / 1302034.72E		
RW29	330853.77N / 1301846.08E		
FS955	330424.77N / 1301815.75E		
SGE	330855.03N / 1301734.43E		

CHANGE : PROC renamed.

## INSTRUMENT APPROACH CHART

RJFS / SAGA

RNP RWY11(AR)



CHANGE : MSA (BTN 270° and 360°).

**Authorization Required**

## INSTRUMENT APPROACH CHART

RJFS / SAGA

RNP RWY11(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	MILEP	-	-	-7.5	-	-	6000	-	-	-
002	TF	NIVAL	-	017 (009.2)	-7.5	4.7	-	5000	-	-	0.3
003	TF	LEENO	-	017 (009.2)	-7.5	5.0	-	-	-	-	0.3
004	TF	WEKKA	-	332 (324.3)	-7.5	4.7	-	1990	-165	-	0.3
005	RF Center: FSRF5 r=2.02NM	FS154	-	-	-7.5	1.6	R	1486	-	-3.00	0.3
006	RF Center: FSRF6 r=1.98NM	FS155	-	-	-7.5	1.6	R	989	-	-3.00	0.3
007	RF Center: FSRF7 r=1.77NM	FS156	-	-	-7.5	1.4	R	550	-	-3.00	0.3
008	TF	RW11	Y	107 (099.3)	-7.5	1.6	-	56	-	-3.00/50	0.3
009	FA	-	-	107 (099.3)	-7.5	-	-	+500	-	-	1.0
010	DF	FS153	Y	-	-7.5	-	R	-	-	-	1.0
011	DF	SGE	-	-	-7.5	-	R	5000	-	-	1.0

Waypoint Coordinates

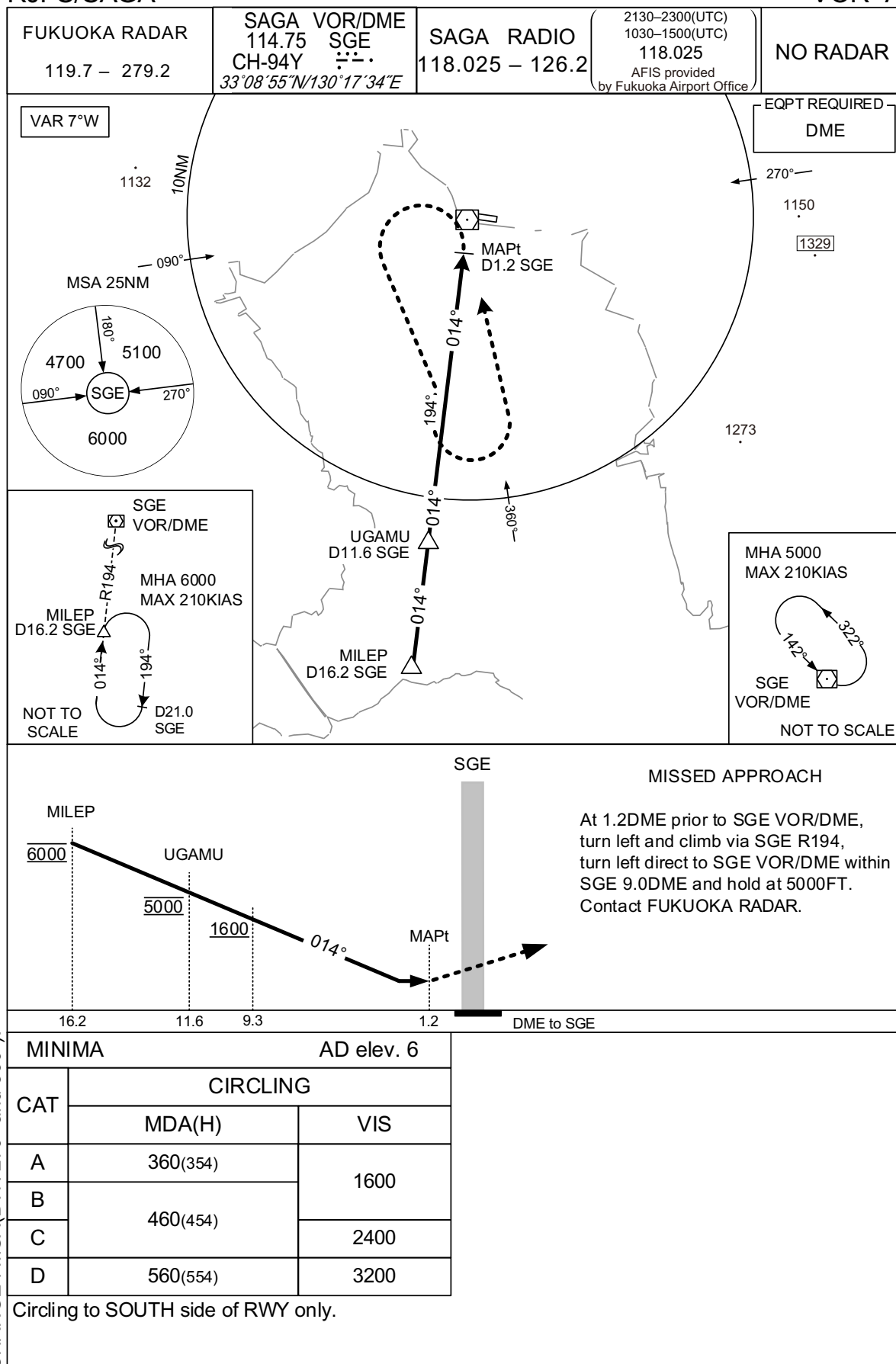
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
MILEP	325250.49N / 1301501.22E	FSRF5	330723.51N / 1301531.82E
NIVAL	325726.55N / 1301554.33E	FSRF6	330723.80N / 1301529.68E
LEENO	330223.31N / 1301651.53E	FSRF7	330735.05N / 1301520.05E
WEKKA	330612.58N / 1301335.04E		
FS154	330742.91N / 1301309.63E		
FS155	330900.65N / 1301406.71E		
FS156	330919.21N / 1301540.15E		
RW11	330904.20N / 1301729.91E		
FS153	330340.13N / 1301934.46E		
SGE	330855.03N / 1301734.43E		

CHANGE : PROC renamed.

## INSTRUMENT APPROACH CHART

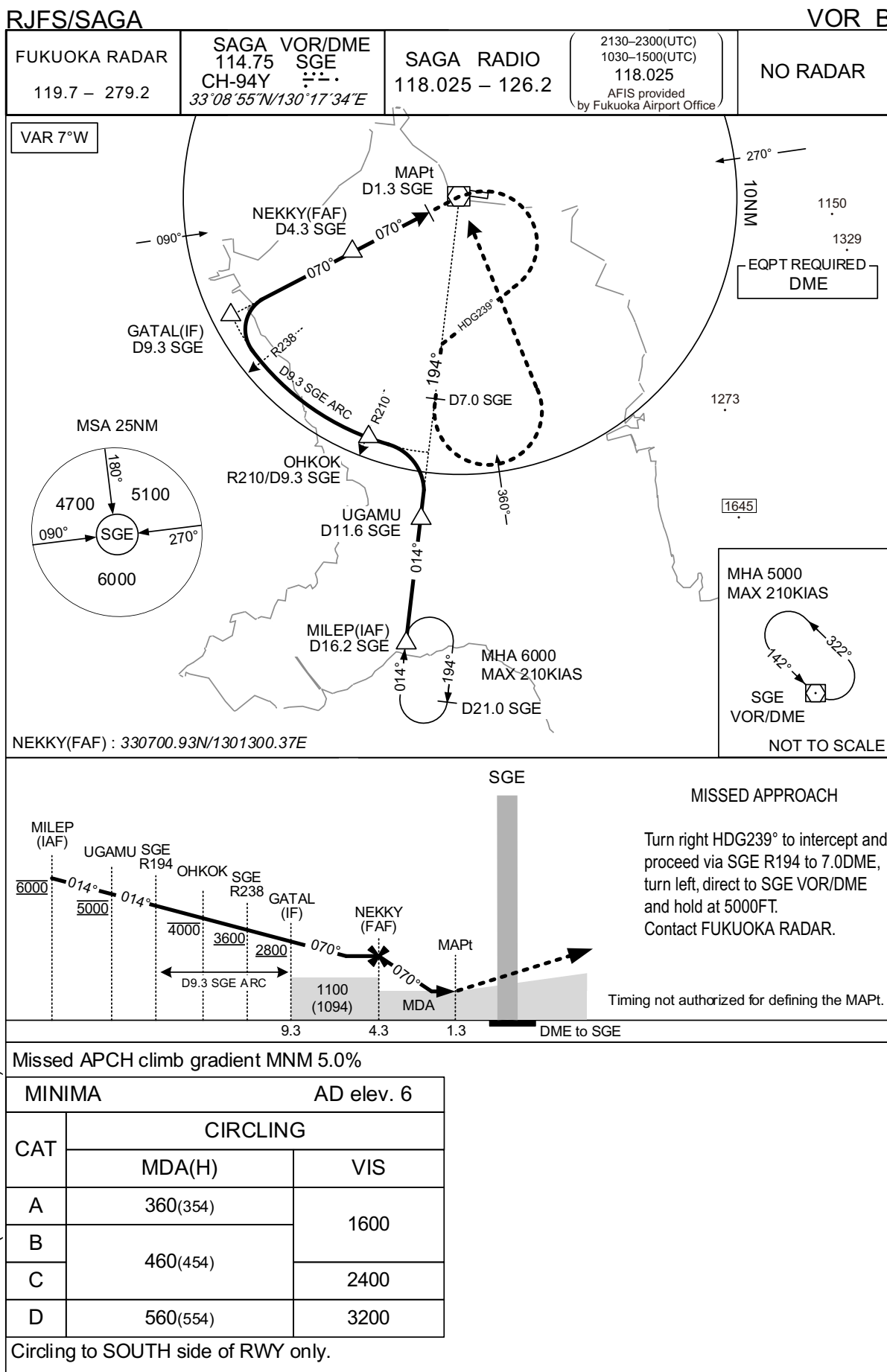
RJFS/SAGA

VOR A



CHANGE : MSA(BTN 270° and 360°).

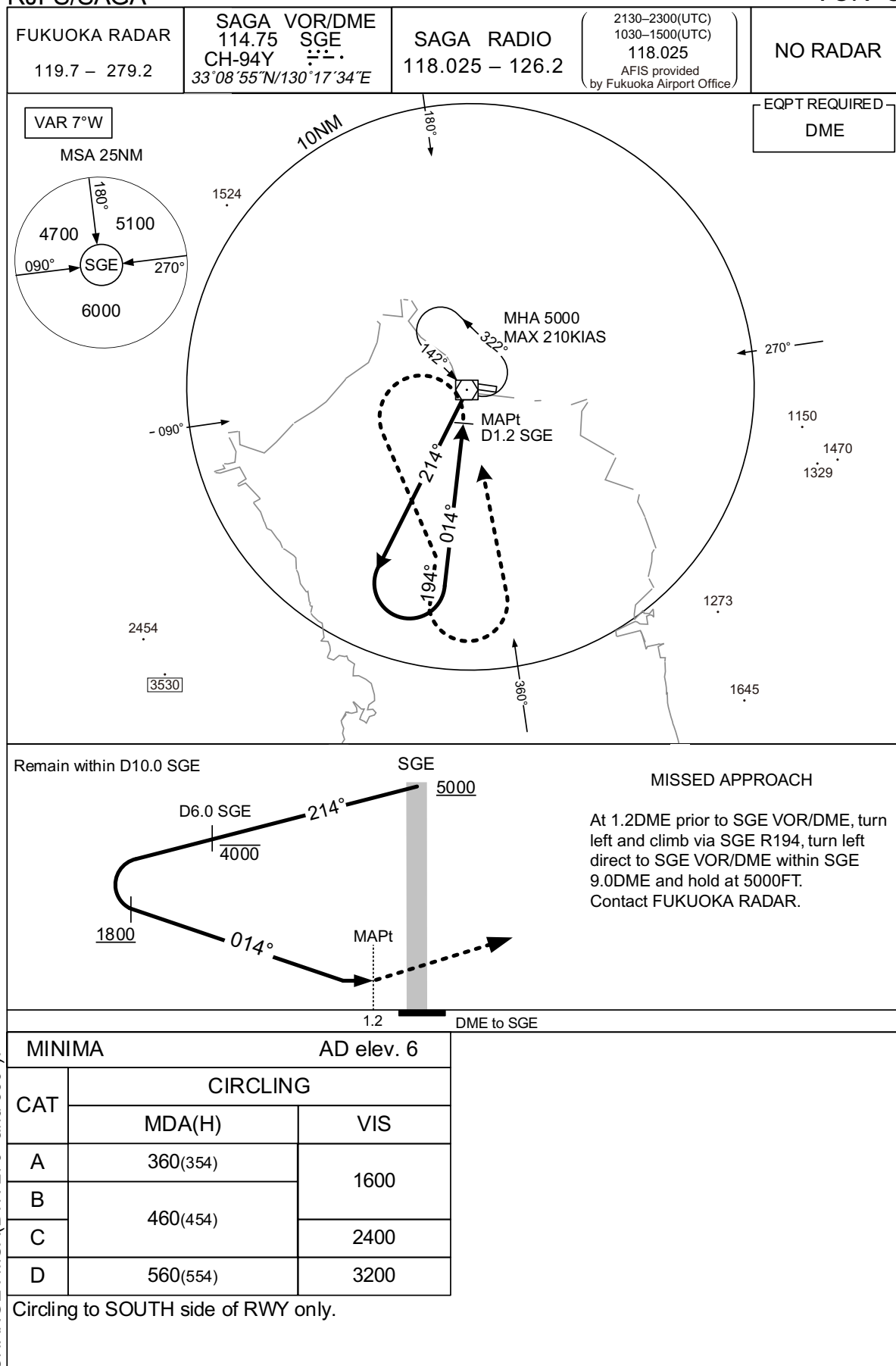
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJFS/SAGA

VOR C



CHANGE : MSA(BTN 270° and 360°).



RJFS / SAGA

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 : SAGA REMOTE deleted.

Call sign	BRG / DIST from ARP	Remarks
佐賀大和 Sagayamato	353°T / 10.4NM	佐賀大和インターチェンジ Interchange
久保田 Kubota	329°T / 4.9NM	久保田橋 Bridge
大中島 Onakashima	037°T / 4.9NM	筑後川昇開橋 Bridge
筑後 Chikugo	072°T / 11.7NM	八女インターチェンジ Interchange
鹿島 Kashima	249°T / 9.5NM	新浜大橋 Bridge
南関 Nankan	111°T / 13.1NM	南関インターチェンジ Interchange
大牟田 Omuta	135°T / 10.1NM	JR大牟田駅 Station
10NM S	180°T / 10.0NM	海上 Over the sea
竹崎 Takezaki	200°T / 12.4NM	竹崎港 Harbor

RJFS / SAGA

BALLOON

熱気球の飛行が下図区域内で行われる。(期間：5月中旬から6月中旬まで及び10月中旬から2月下旬まで：RJFS ノータム参照)

Hot air balloon flight will be conducted within below area.  
(Period: from mid MAY to mid JUN and from mid OCT to late FEB: see NOTAM RJFS)



飛行高度 3000ft 以下  
FLT ALT At or below 3000ft

飛行高度 4000ft 以下  
FLT ALT At or below 4000ft

I Balloon FLT area Nr1 II Balloon FLT area Nr2\* III Balloon FLT area Nr3\*

\* 佐賀空港を発着する航空機に対し、熱気球に係る情報(飛行空域 2 及び 3 内で飛行する気球の概数等)の提供が佐賀レディオにより行われる。

\* The information of hot air balloon(aprx number of balloon etc.in flight area number 2 and 3) will be provided for departing/arriving acft from/to SAGA airport by SAGA RADIO.

Example of phraseology: "Two flying balloons reported in balloon flight area number two."

CHANGE : SAGA REMOTE deleted.

RJFS / SAGA

Minimum Vectoring Altitude CHART

