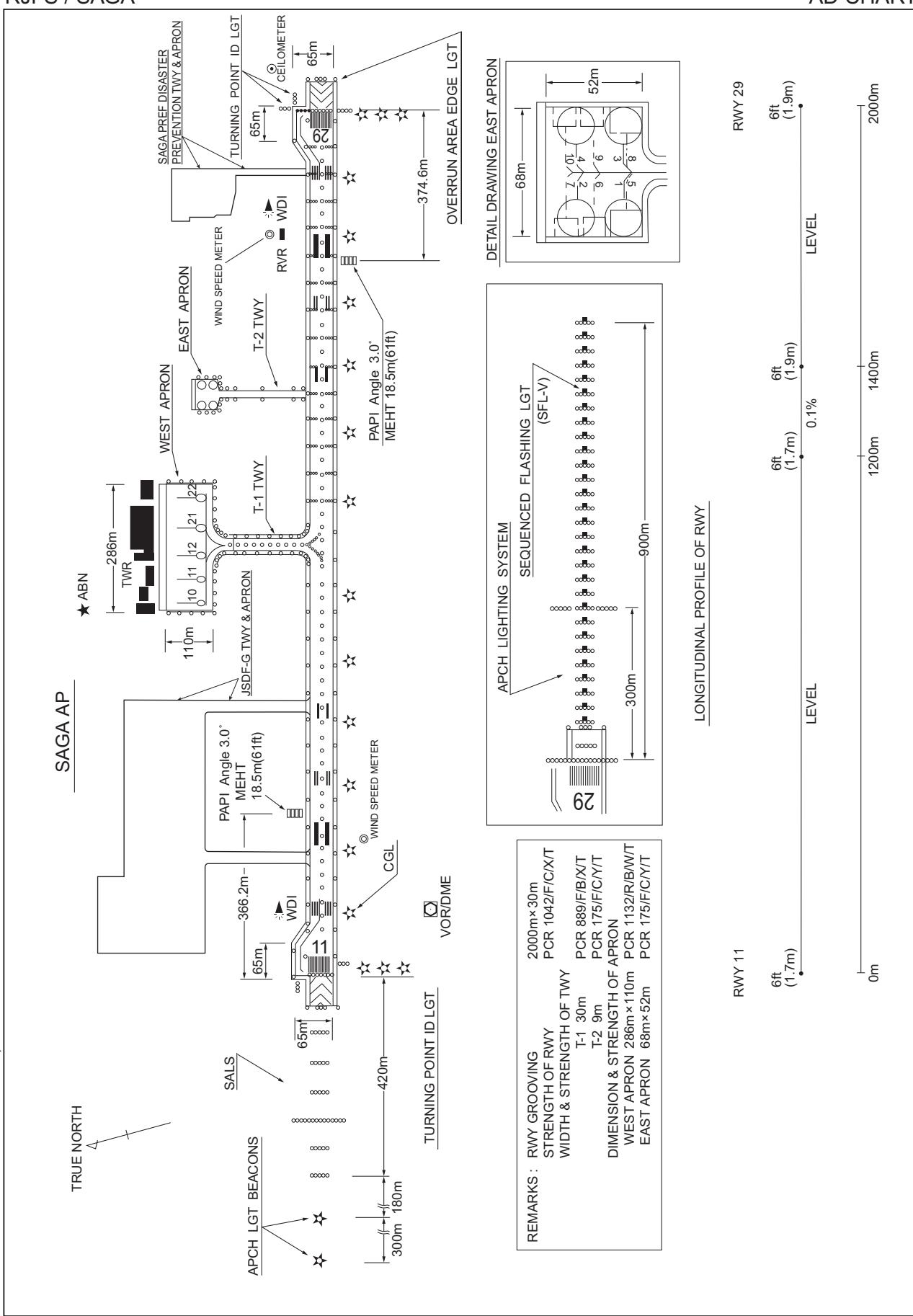


RJFS / SAGA

AD CHART

CHANGE : JSDF-G TWY and APRON, DISASTER PREVENTION TWY and APRON installed.



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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

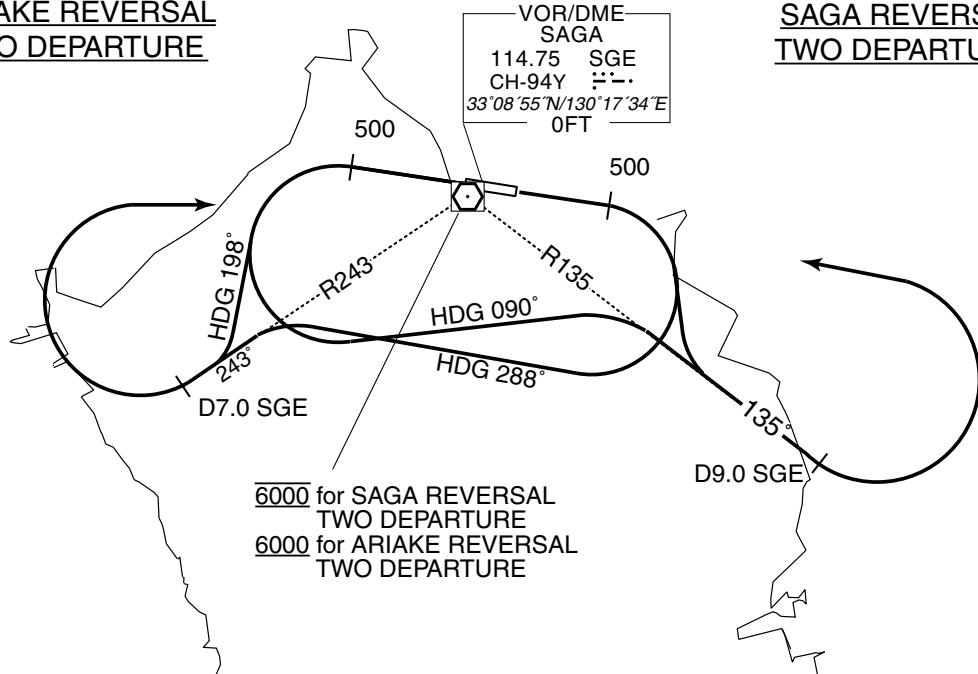
RWY11 : Climb RWY HDG to 500FT, turn right HDG 288° ...

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 DEPARTURE SAGA REVERSAL
TWO DEPARTURE

STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

TRANSITION

KUMAMOTO TRANSITION

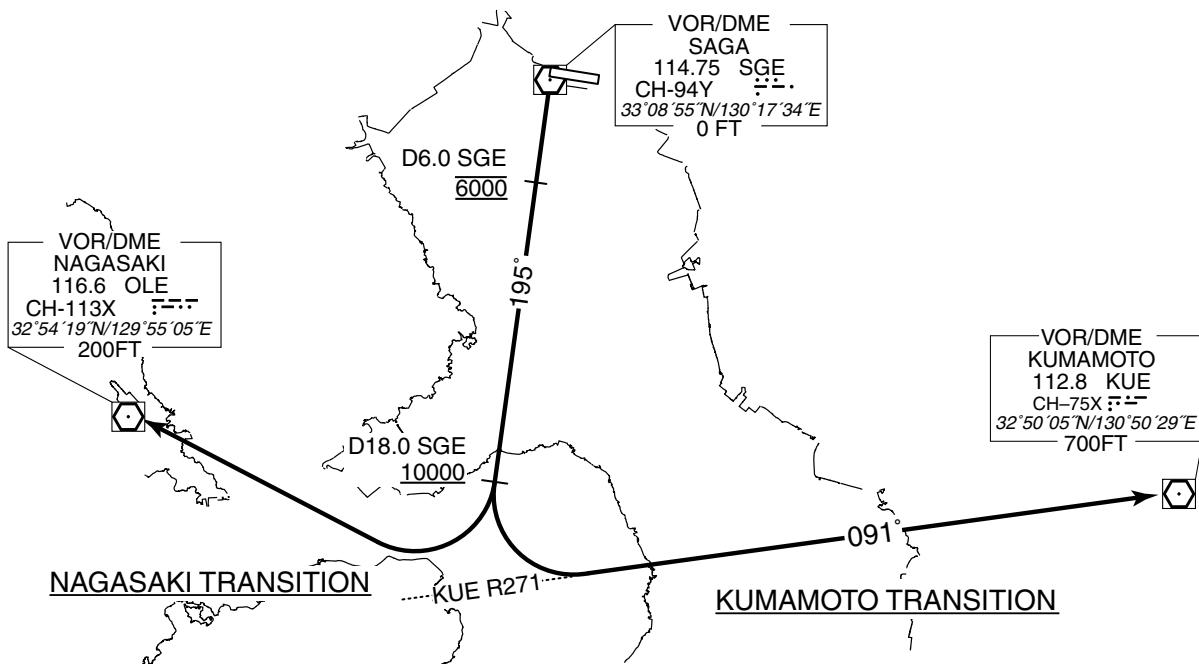
From over SGE VOR/DME, via SGE R195 to 18.0DME, turn left, via KUE R271 to KUE VOR/DME.

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

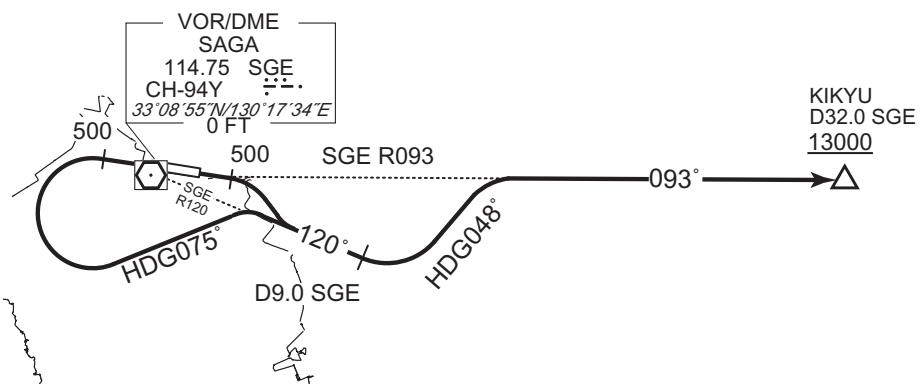
SID

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.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

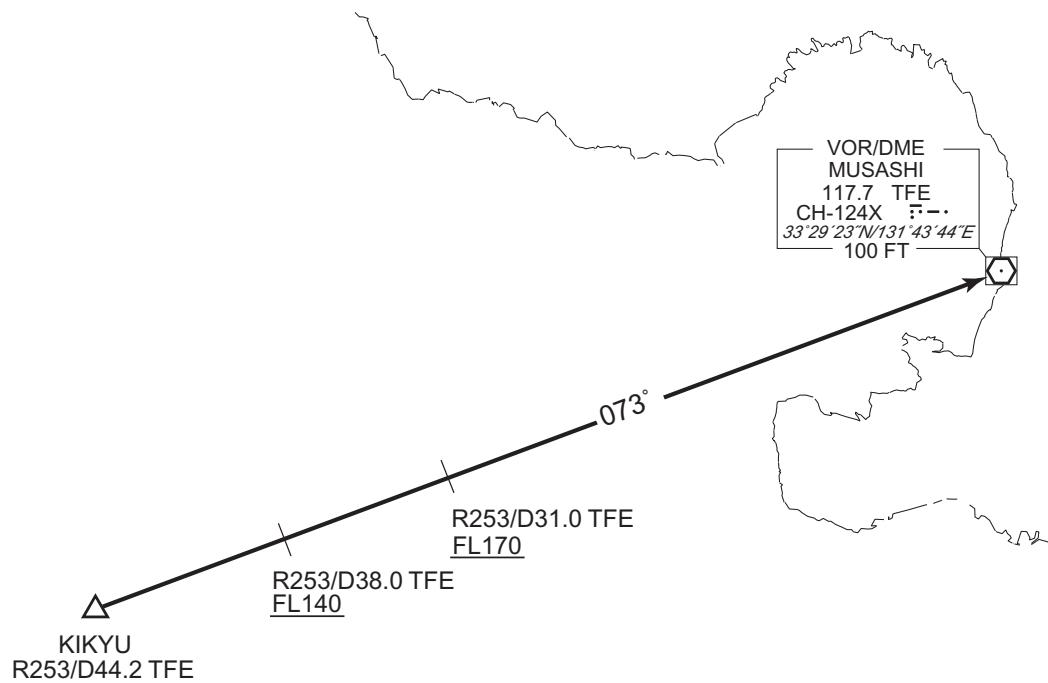
RJFS / SAGA

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.



CHANGE : Description of PROC name.

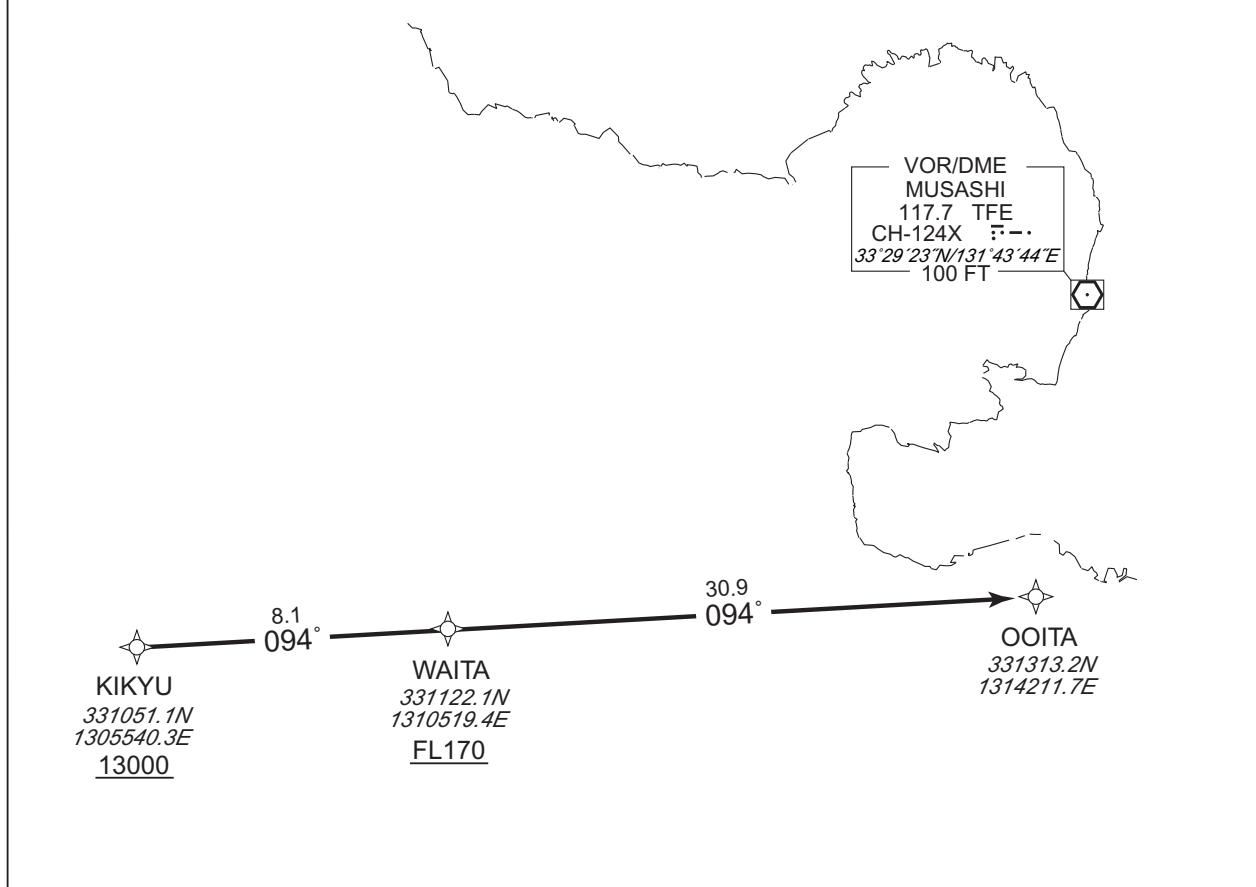
STANDARD DEPARTURE CHART - INSTRUMENT

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 8° W



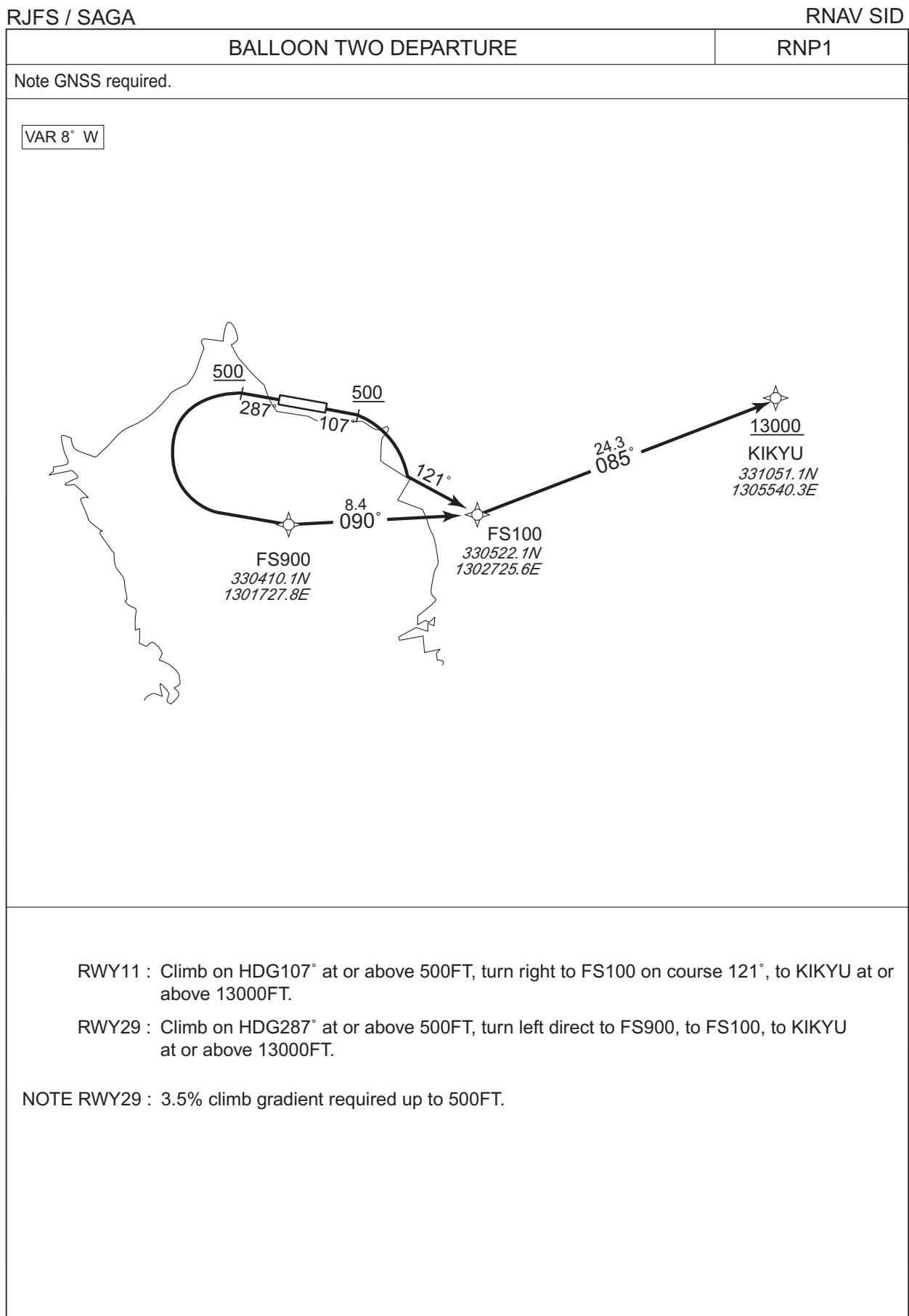
From KIKYU at or above 13000FT, to WAITA at or above FL170, to OOITA.

| 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 | — | — | -7.9 | — | — | +13000 | — | — | RNAV1 |
| 002 | TF | WAITA | — | 094 (086.3) | -7.9 | 8.1 | — | +FL170 | — | — | RNAV1 |
| 003 | TF | OOITA | — | 094 (086.4) | -7.9 | 30.9 | — | — | — | — | RNAV1 |

CHANGE : VAR.

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STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

RNAV SID

BALLOON TWO 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 | - | - | 107 (099.3) | -7.9 | - | - | +500 | - | - | RNP1 |
| 002 | CF | FS100 | - | 121 (113.2) | -7.9 | - | - | - | - | - | RNP1 |
| 003 | TF | KIKYU | - | 085 (076.8) | -7.9 | 24.3 | - | +13000 | - | - | 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 | - | - | 287 (279.3) | -7.9 | - | - | +500 | - | - | RNP1 |
| 002 | DF | FS900 | - | - | -7.9 | - | L | - | - | - | RNP1 |
| 003 | TF | FS100 | - | 090 (081.8) | -7.9 | 8.4 | - | - | - | - | RNP1 |
| 004 | TF | KIKYU | - | 085 (076.8) | -7.9 | 24.3 | - | +13000 | - | - | RNP1 |

CHANGE : PROC course. PROC renamed. VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFS / SAGA

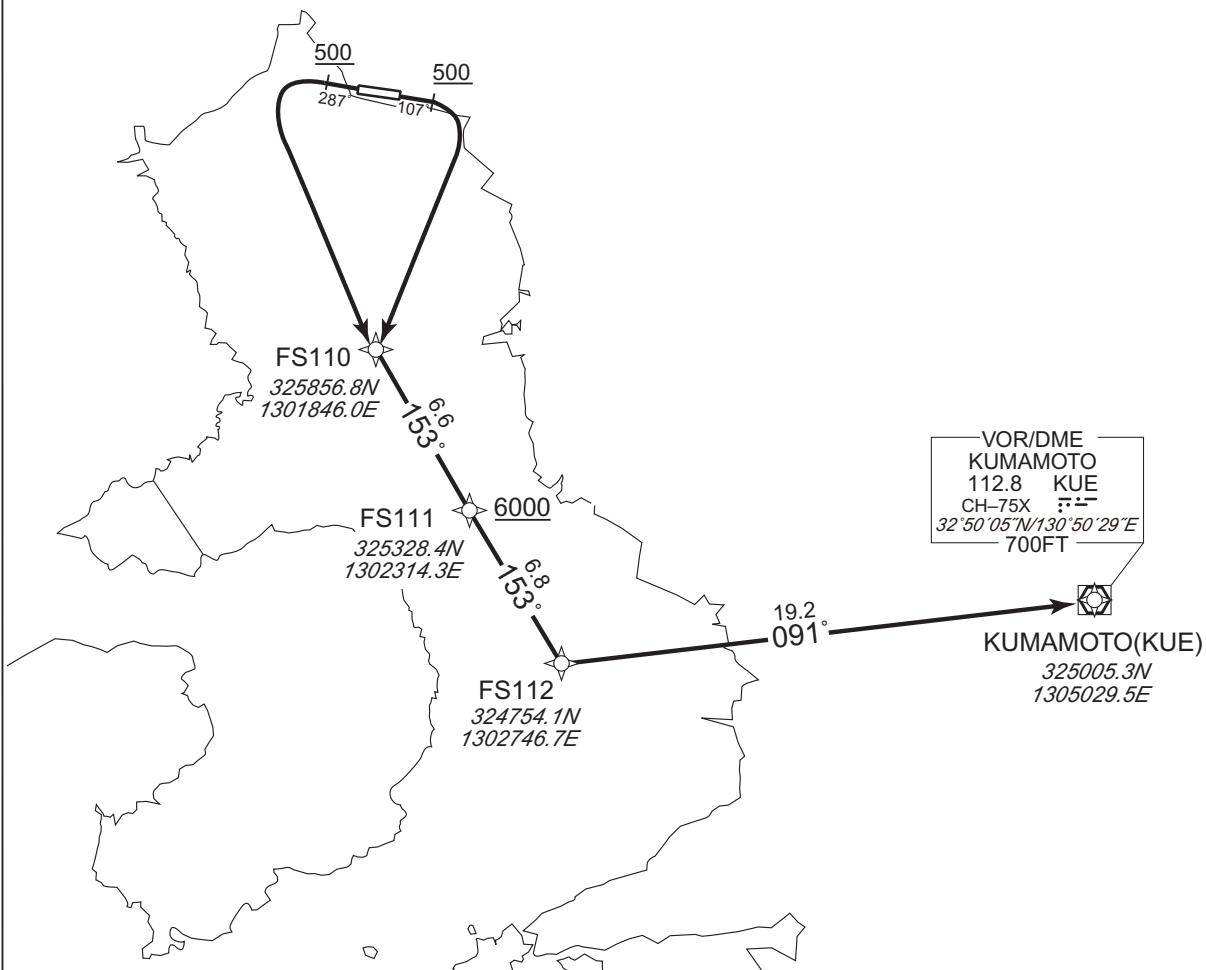
RNAV SID

SOIGI TWO DEPARTURE

RNP1

Note GNSS required.

VAR 8° W



RWY11 : Climb on HDG107° at or above 500FT, turn right direct to FS110, to FS111 at or above 6000FT, to FS112, to KUE.

RWY29 : Climb on HDG287° 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 TWO 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 | - | - | 107 (099.3) | -7.9 | - | - | +500 | - | - | RNP1 |
| 002 | DF | FS110 | - | - | -7.9 | - | R | - | - | - | RNP1 |
| 003 | TF | FS111 | - | 153 (145.5) | -7.9 | 6.6 | - | +6000 | - | - | RNP1 |
| 004 | TF | FS112 | - | 153 (145.6) | -7.9 | 6.8 | - | - | - | - | RNP1 |
| 005 | TF | KUE | - | 091 (083.4) | -7.9 | 19.2 | - | - | - | - | 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 | - | - | 287 (279.3) | -7.9 | - | - | +500 | - | - | RNP1 |
| 002 | DF | FS110 | - | - | -7.9 | - | L | - | - | - | RNP1 |
| 003 | TF | FS111 | - | 153 (145.5) | -7.9 | 6.6 | - | +6000 | - | - | RNP1 |
| 004 | TF | FS112 | - | 153 (145.6) | -7.9 | 6.8 | - | - | - | - | RNP1 |
| 005 | TF | KUE | - | 091 (083.4) | -7.9 | 19.2 | - | - | - | - | RNP1 |

CHANGE : PROC course. PROC renamed. VAR.

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.

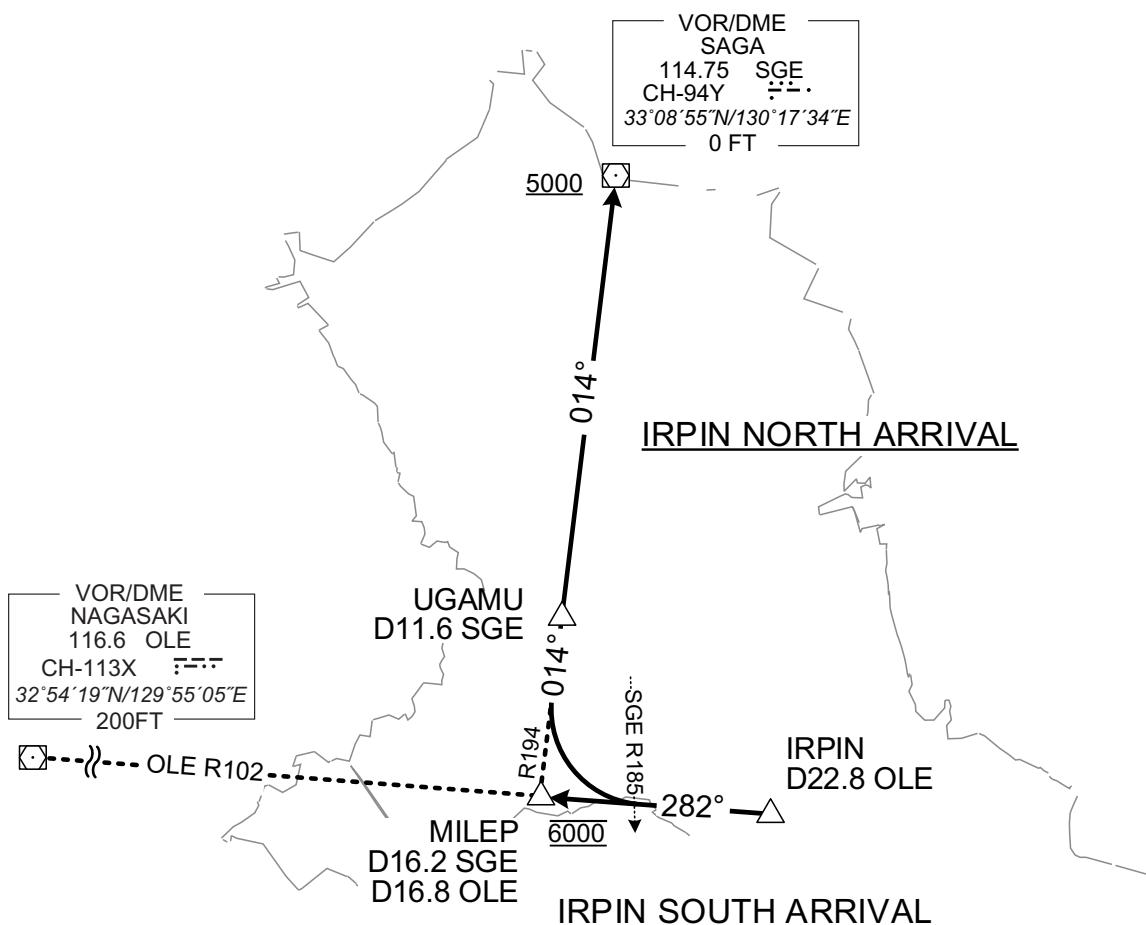
Cross MILEP at 6000FT, cross SGE VOR/DME at or above 5000FT.

IRPIN SOUTH ARRIVAL

From over IRPIN, via OLE R102 to MILEP.

Cross MILEP at 6000FT.

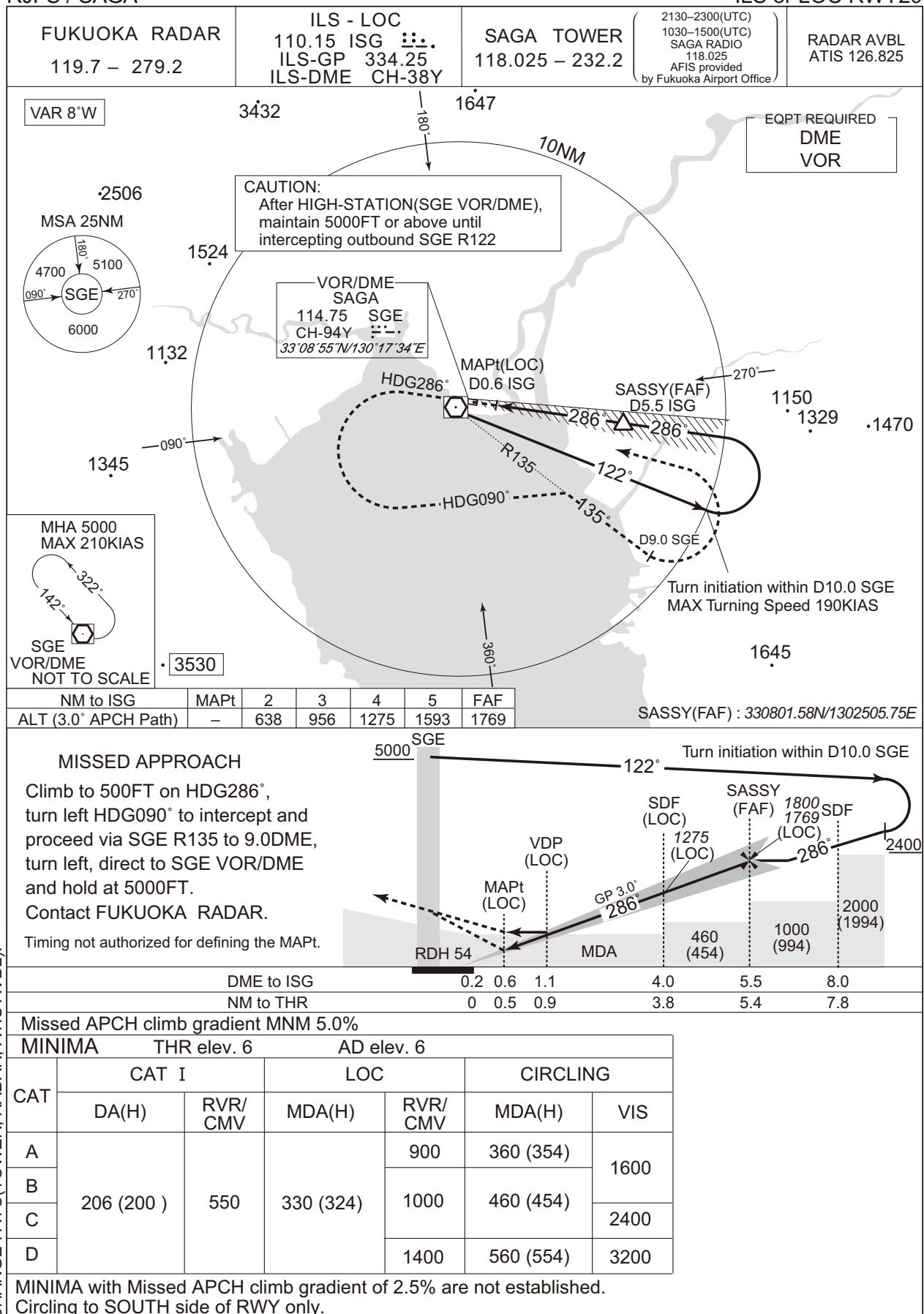
CHANGE: New PROC



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INSTRUMENT APPROACH CHART

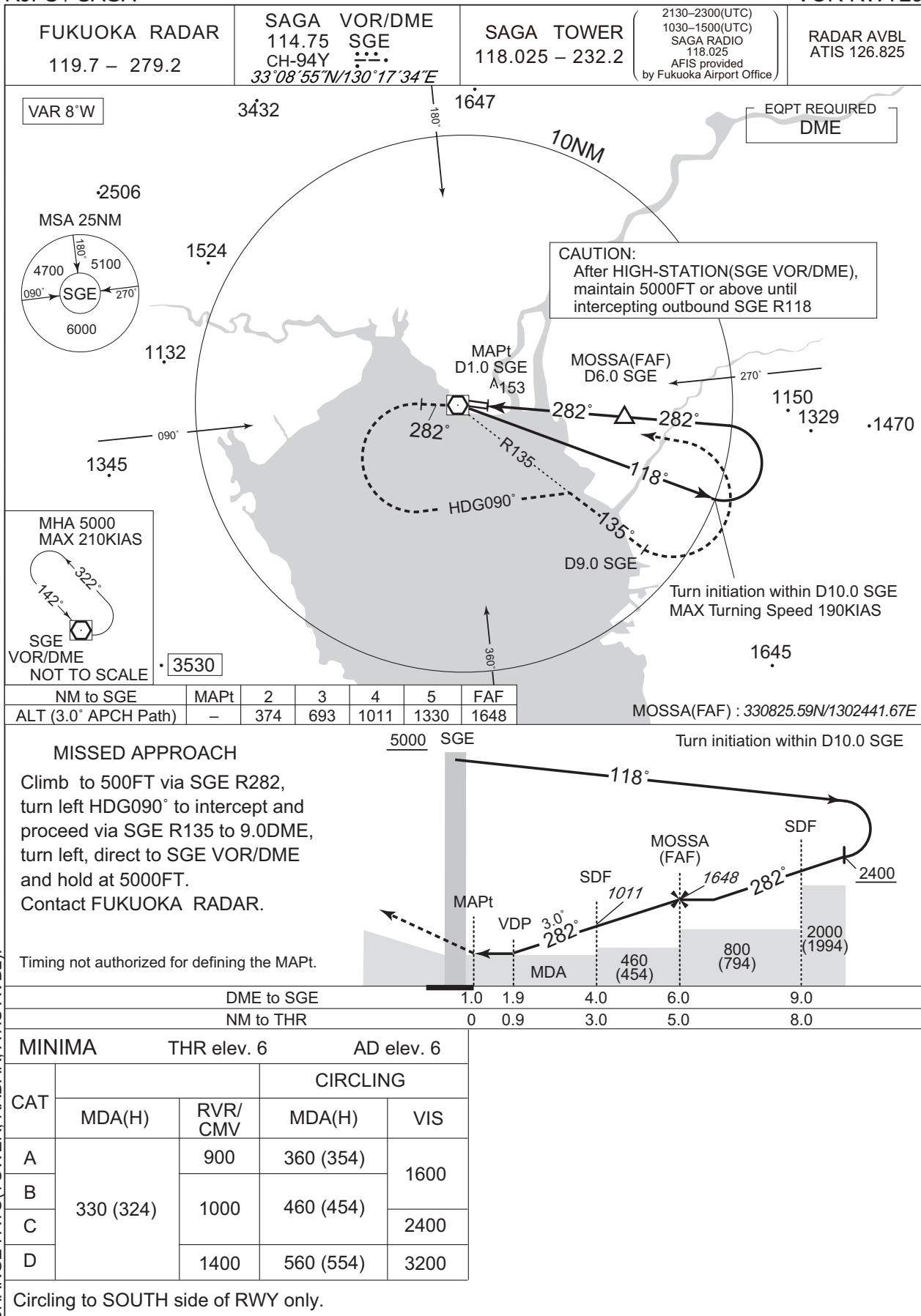
RJFS / SAGA



INSTRUMENT APPROACH CHART

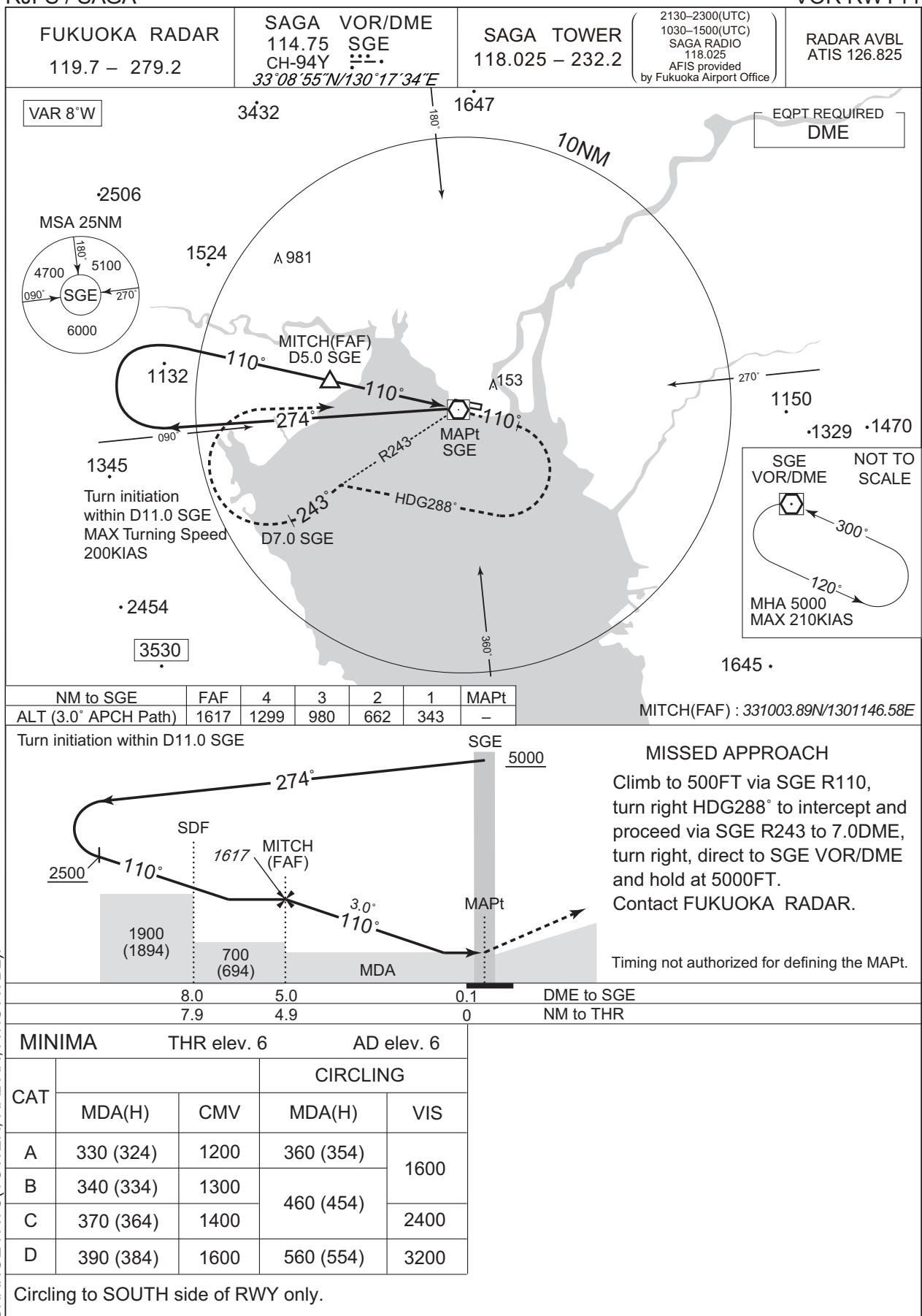
RJFS / SAGA

VOR RWY29



INSTRUMENT APPROACH CHART

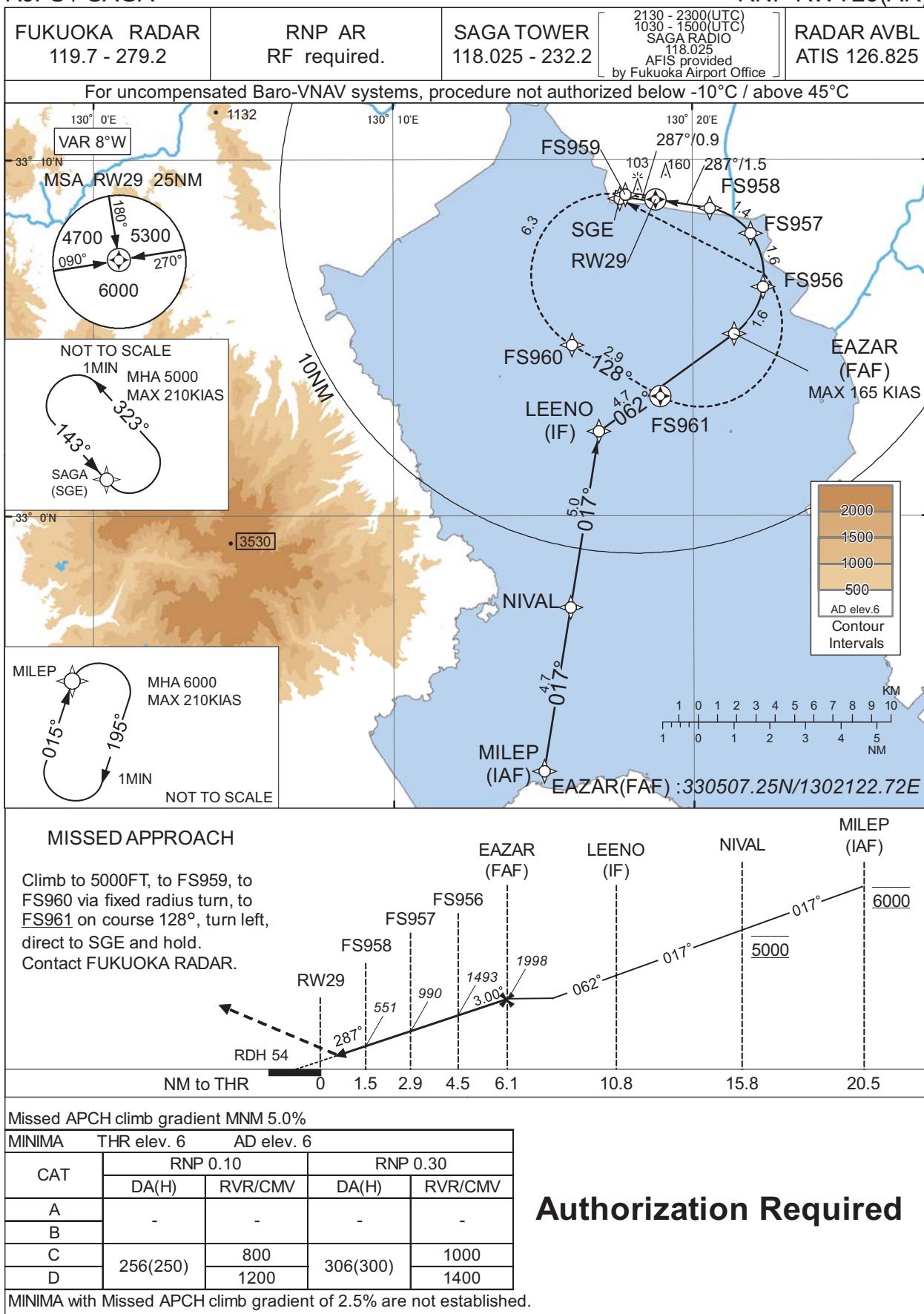
RJFS / SAGA



INSTRUMENT APPROACH CHART

RJFS / SAGA

RNP RWY29(AR)



CHANGE : ATC(TOWER, RADAR, ATIS AVBL).

INSTRUMENT APPROACH CHART

RJFS / SAGA

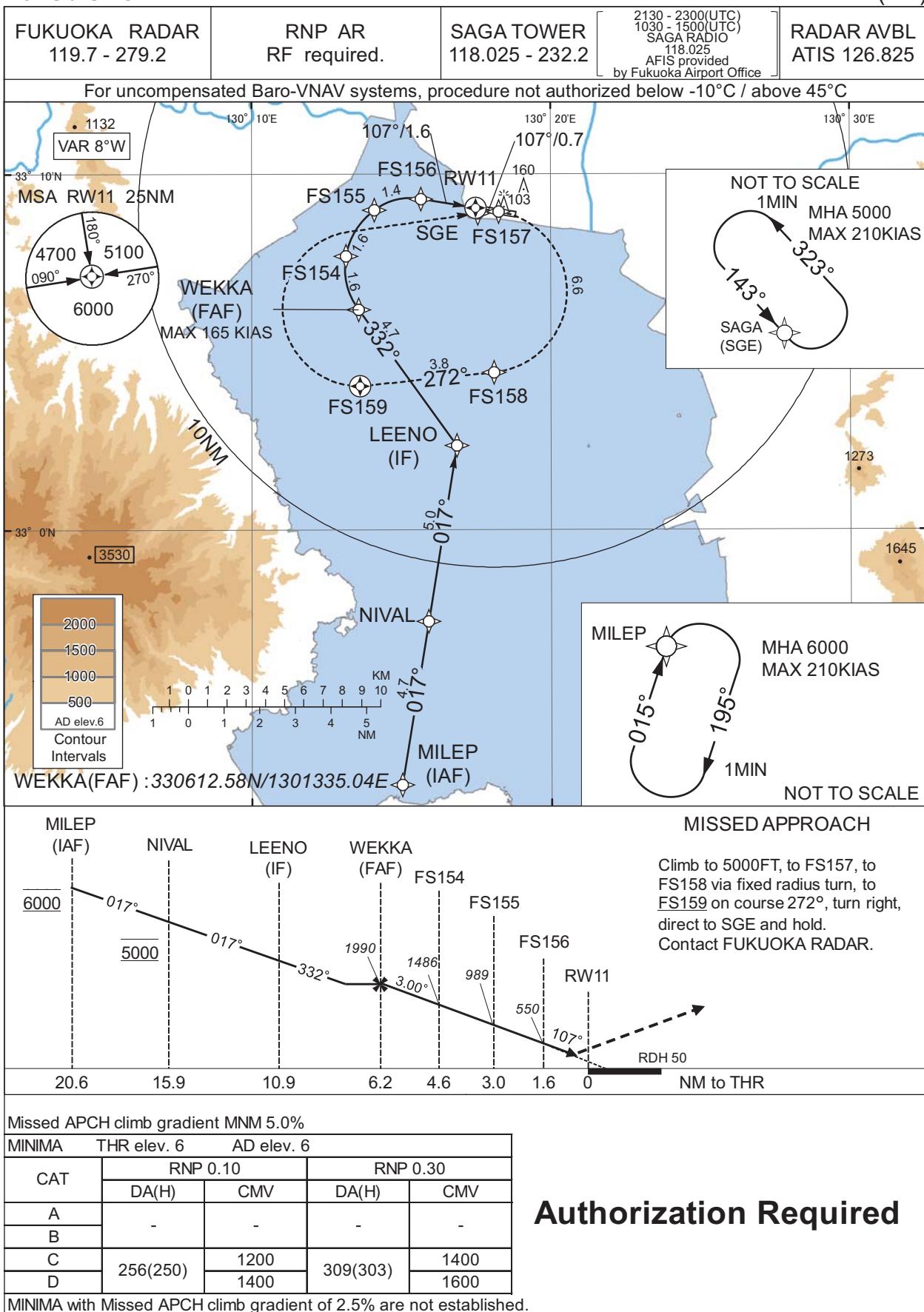
RNP RWY29(AR)

| 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 | - | - | -7.9 | - | - | 6000 | - | - | - | | | | | | |
| 002 | TF | NIVAL | - | 017 (009.2) | -7.9 | 4.7 | - | 5000 | - | - | 0.3 | | | | | | |
| 003 | TF | LEENO | - | 017 (009.2) | -7.9 | 5.0 | - | - | - | - | 0.3 | | | | | | |
| 004 | TF | EAZAR | - | 062 (054.2) | -7.9 | 4.7 | - | 1998 | -165 | - | 0.3 | | | | | | |
| 005 | RF Center: FSRF8 r=2.02NM | FS956 | - | - | -7.9 | 1.6 | L | 1493 | - | -3.00 | 0.10 0.30 | | | | | | |
| 006 | RF Center: FSRF9 r=1.98NM | FS957 | - | - | -7.9 | 1.6 | L | 990 | - | -3.00 | 0.10 0.30 | | | | | | |
| 007 | RF Center: FSRF0 r=1.75NM | FS958 | - | - | -7.9 | 1.4 | L | 551 | - | -3.00 | 0.10 0.30 | | | | | | |
| 008 | TF | RW29 | Y | 287 (279.3) | -7.9 | 1.5 | - | 60 | - | -3.00/54 | 0.10 0.30 | | | | | | |
| 009 | TF | FS959 | - | 287 (279.3) | -7.9 | 0.9 | - | - | - | - | 0.10 0.30 | | | | | | |
| 010 | RF Center: FSRF2 r=2.28NM | FS960 | - | - | -7.9 | 6.3 | L | - | - | - | 1.0 | | | | | | |
| 011 | CF | FS961 | Y | 128 (120.3) | -7.9 | 2.9 | - | - | - | - | 1.0 | | | | | | |
| 012 | DF | SGE | - | - | -7.9 | - | L | 5000 | - | - | 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 | MILEP | 015 (007.6) | -7.9 | 1.0(-14000) | R | 6000 | FL140 | -210 (-14000) | 1.0 | | | | | | | | |
| Hold | SGE | 143 (134.8) | -7.9 | 1.0(-14000) | L | 5000 | FL140 | -210 (-14000) | 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 | | | FSRF2 | | 330647.02N / 1301719.68E | | | | | | | | | | |
| FS956 | | 330626.19N / 1302220.91E | | | | | | | | | | | | | | | |
| FS957 | | 330756.35N / 1302156.32E | | | | | | | | | | | | | | | |
| FS958 | | 330838.87N / 1302034.72E | | | | | | | | | | | | | | | |
| RW29 | | 330853.77N / 1301846.08E | | | | | | | | | | | | | | | |
| FS959 | | 330902.03N / 1301745.78E | | | | | | | | | | | | | | | |
| FS960 | | 330448.74N / 1301558.06E | | | | | | | | | | | | | | | |
| FS961 | | 330322.31N / 1301854.74E | | | | | | | | | | | | | | | |
| SGE | | 330855.03N / 1301734.43E | | | | | | | | | | | | | | | |

CHANGE : Waypoint (FS959, FS960, FS961) established. RF Arc Center (FSRF2) established. RNP Value. HLDG pattern added. Waypoint (FS955) abolished. VAR.

INSTRUMENT APPROACH CHART

RJFS / SAGA



INSTRUMENT APPROACH CHART

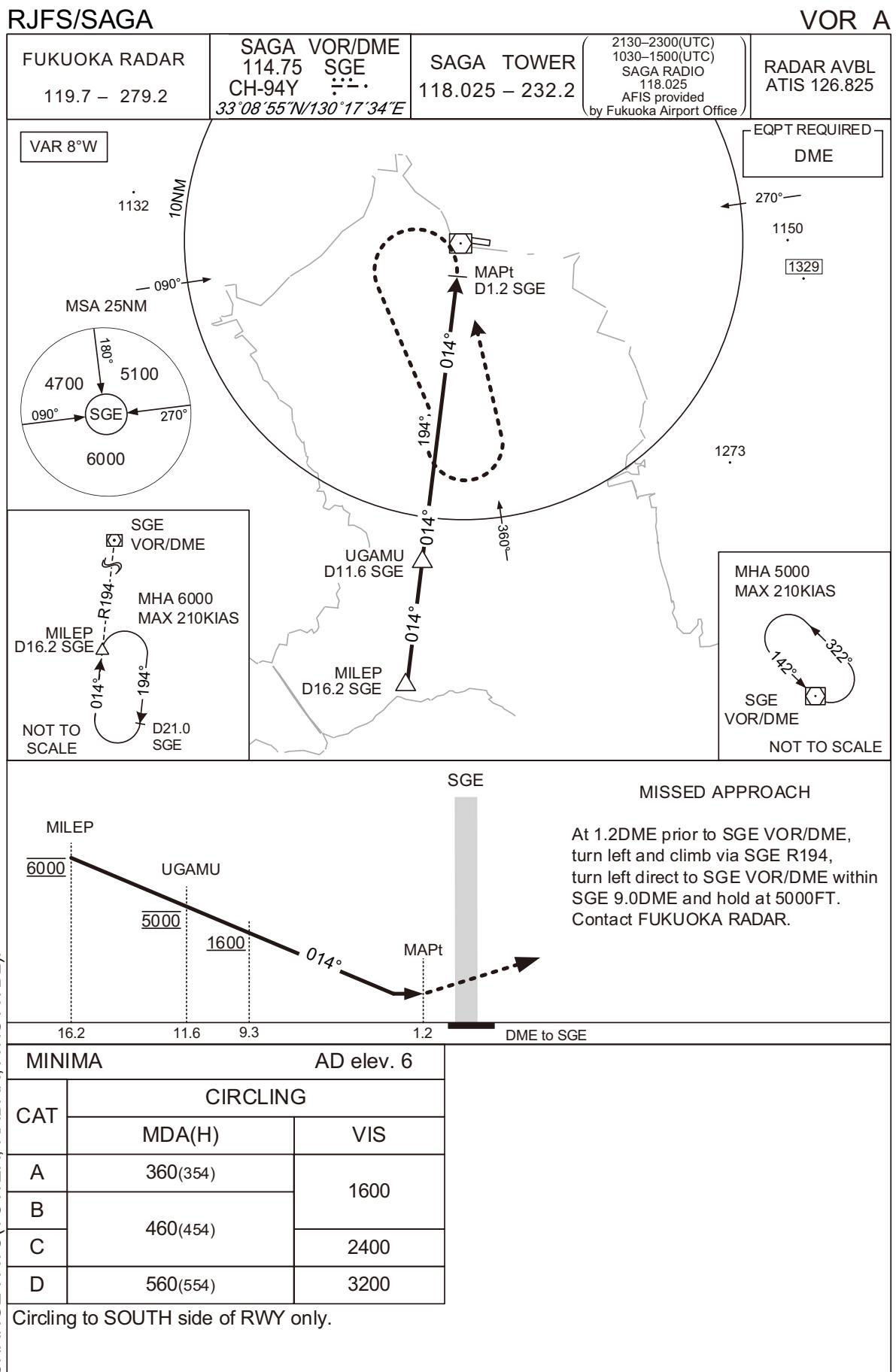
RJFS / SAGA

RNP RWY11(AR)

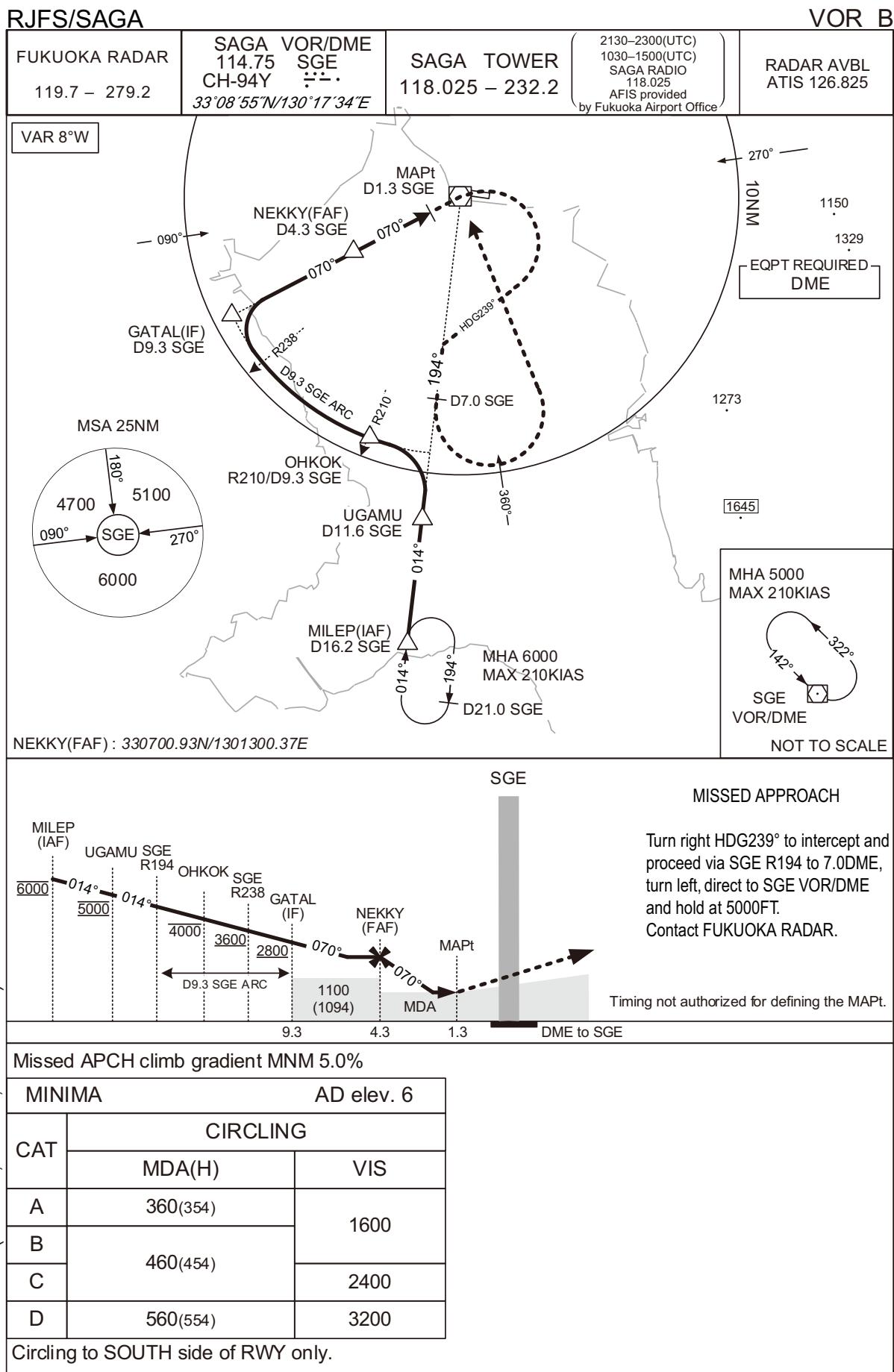
| Coding Table | | | | | | | | | | | |
|----------------------|---------------------------|--------------------------|--------------------|---------------------|--------------------------|-----------------------|--------------------------|---------------|--------------|-----------------|-----------|
| 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 | - | - | -7.9 | - | - | 6000 | - | - | - |
| 002 | TF | NIVAL | - | 017 (009.2) | -7.9 | 4.7 | - | 5000 | - | - | 0.3 |
| 003 | TF | LEENO | - | 017 (009.2) | -7.9 | 5.0 | - | - | - | - | 0.3 |
| 004 | TF | WEKKA | - | 332 (324.3) | -7.9 | 4.7 | - | 1990 | -165 | - | 0.3 |
| 005 | RF Center: FSRF5 r=2.02NM | FS154 | - | - | -7.9 | 1.6 | R | 1486 | - | -3.00 | 0.10 0.30 |
| 006 | RF Center: FSRF6 r=1.98NM | FS155 | - | - | -7.9 | 1.6 | R | 989 | - | -3.00 | 0.10 0.30 |
| 007 | RF Center: FSRF7 r=1.77NM | FS156 | - | - | -7.9 | 1.4 | R | 550 | - | -3.00 | 0.10 0.30 |
| 008 | TF | RW11 | Y | 107 (099.3) | -7.9 | 1.6 | - | 56 | - | -3.00/50 | 0.10 0.30 |
| 009 | TF | FS157 | - | 107 (099.3) | -7.9 | 0.7 | - | - | - | - | 0.10 0.30 |
| 010 | RF Center: FSRF1 r=2.28NM | FS158 | - | - | -7.9 | 6.6 | R | - | - | - | 1.0 |
| 011 | CF | FS159 | Y | 272 (264.2) | -7.9 | 3.8 | - | - | - | - | 1.0 |
| 012 | DF | SGE | - | - | -7.9 | - | R | 5000 | - | - | 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 | MILEP | 015 (007.6) | -7.9 | 1.0(-14000) | R | 6000 | FL140 | -210 (-14000) | 1.0 | | |
| Hold | SGE | 143 (134.8) | -7.9 | 1.0(-14000) | L | 5000 | FL140 | -210 (-14000) | 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 | | | FSRF1 | | 330642.73N / 1301750.06E | | | | |
| FS154 | | 330742.91N / 1301309.63E | | | | | | | | | |
| FS155 | | 330900.65N / 1301406.71E | | | | | | | | | |
| FS156 | | 330919.21N / 1301540.15E | | | | | | | | | |
| RW11 | | 330904.20N / 1301729.91E | | | | | | | | | |
| FS157 | | 330857.86N / 1301816.20E | | | | | | | | | |
| FS158 | | 330426.51N / 1301806.37E | | | | | | | | | |
| FS159 | | 330403.61N / 1301337.58E | | | | | | | | | |
| SGE | | 330855.03N / 1301734.43E | | | | | | | | | |

CHANGE : Waypoint (FS157, FS158, FS159) established. RF Arc Center (FSRF1) established. RLDG pattern added. Waypoint (FS153) abolished. VAR.

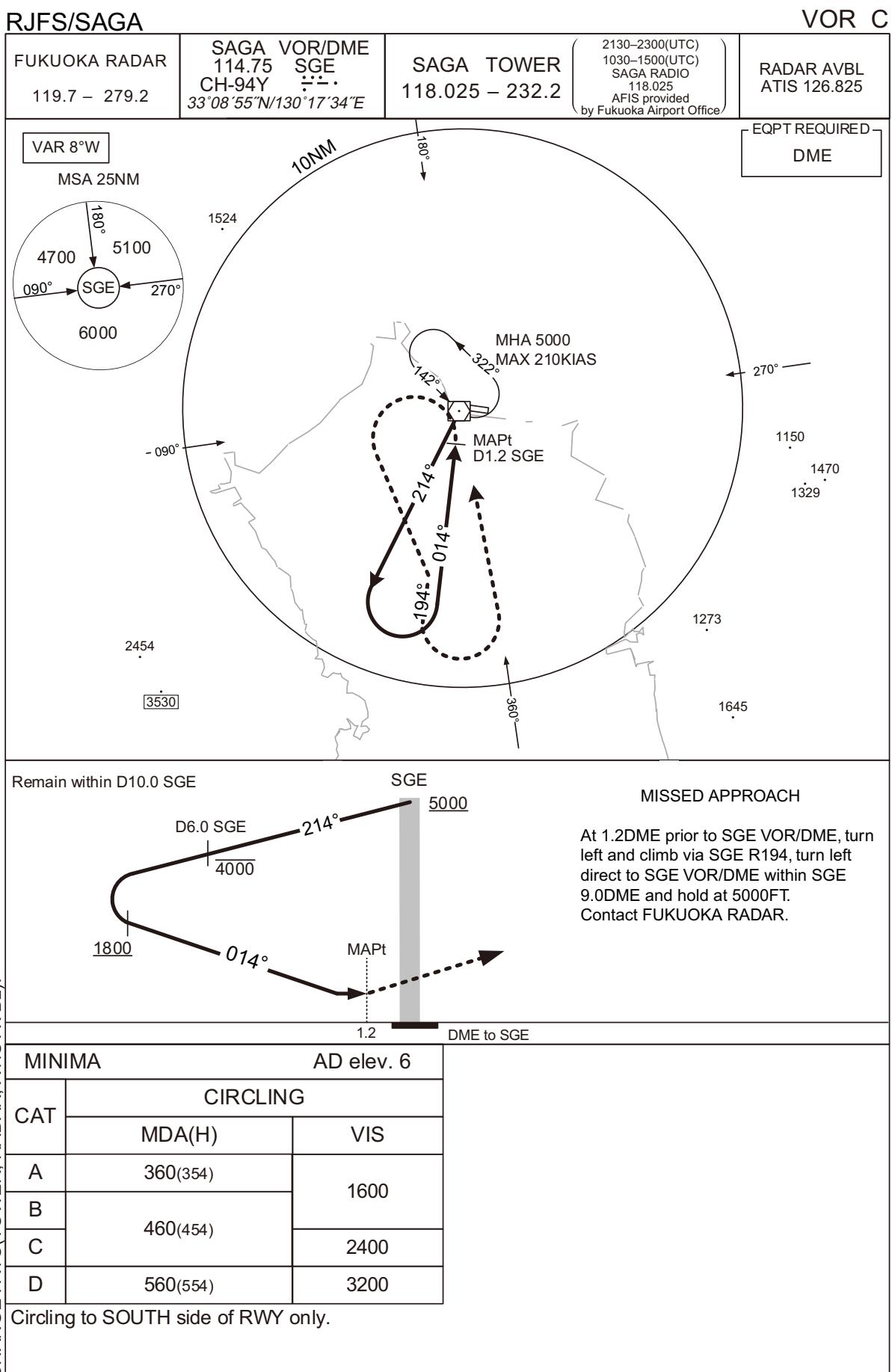
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

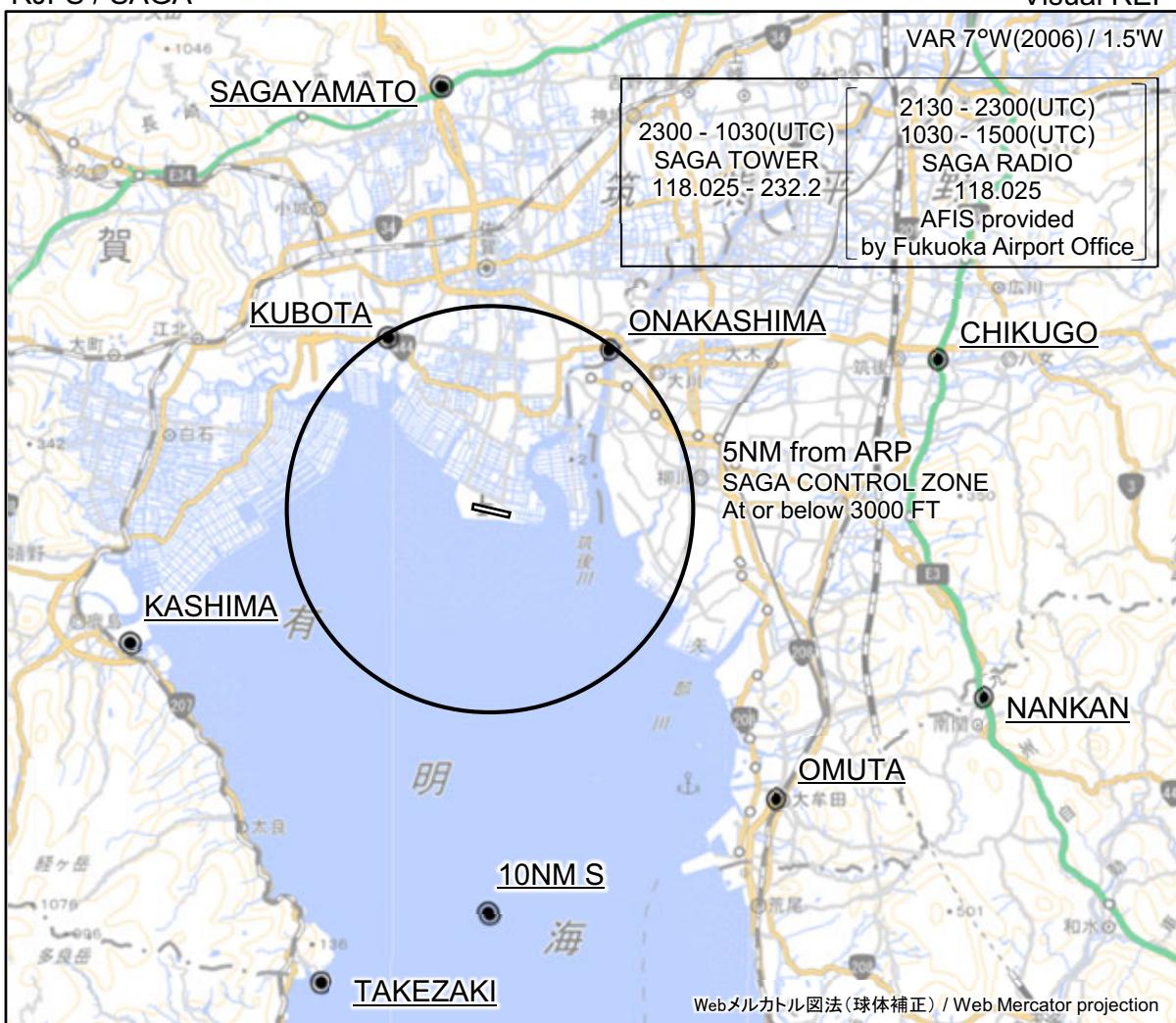


INSTRUMENT APPROACH CHART



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 : ATC(TOWER, RADAR, ATIS AVBL), CONTROL ZONE established. INFORMATION ZONE abolished.

| 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 |

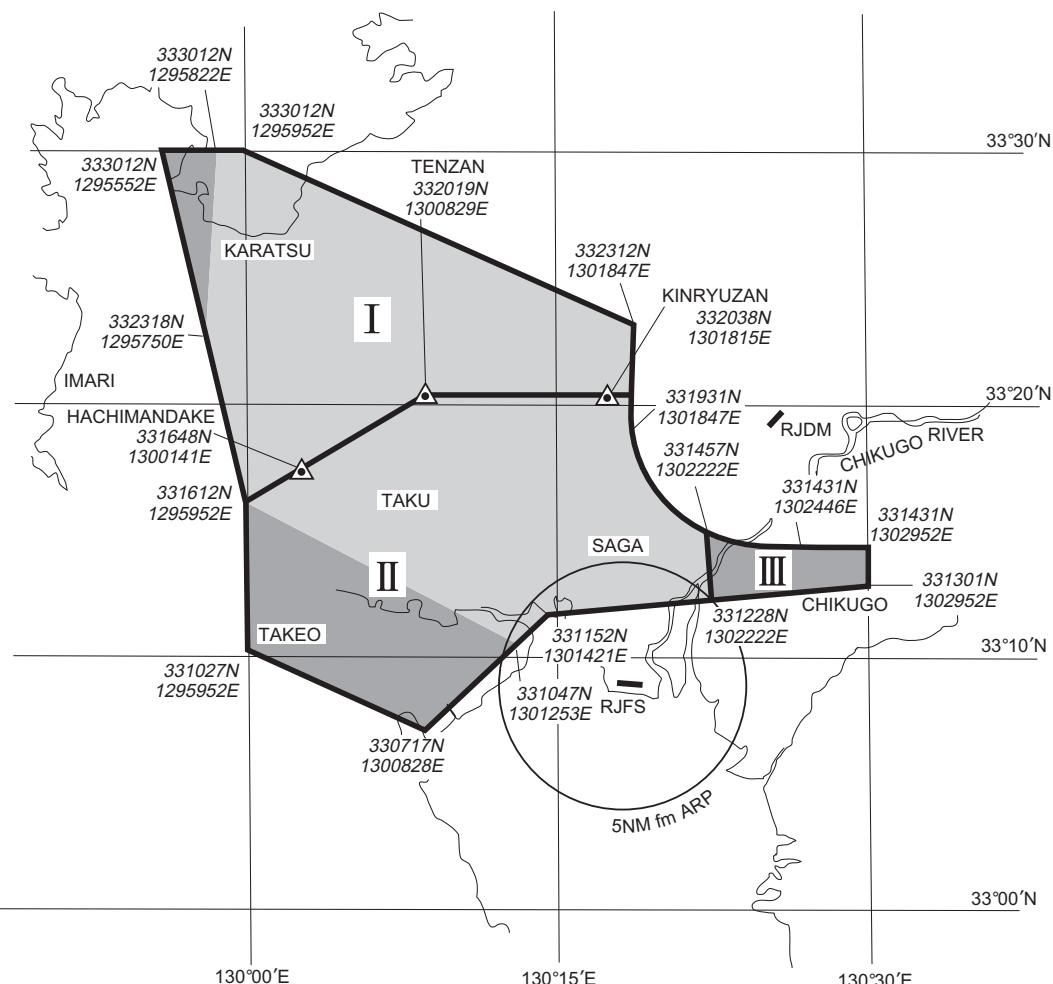
RJFS / SAGA

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
FLT ALT 3000ft 以下
At or below 3000ft

飛行高度
FLT ALT 4000ft 以下
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)の提供が佐賀タワー又は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 TOWER / SAGA RADIO.

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

CHANGE : ATC(SAGA TOWER established).

RJFS / SAGA

Minimum Vectoring Altitude CHART

