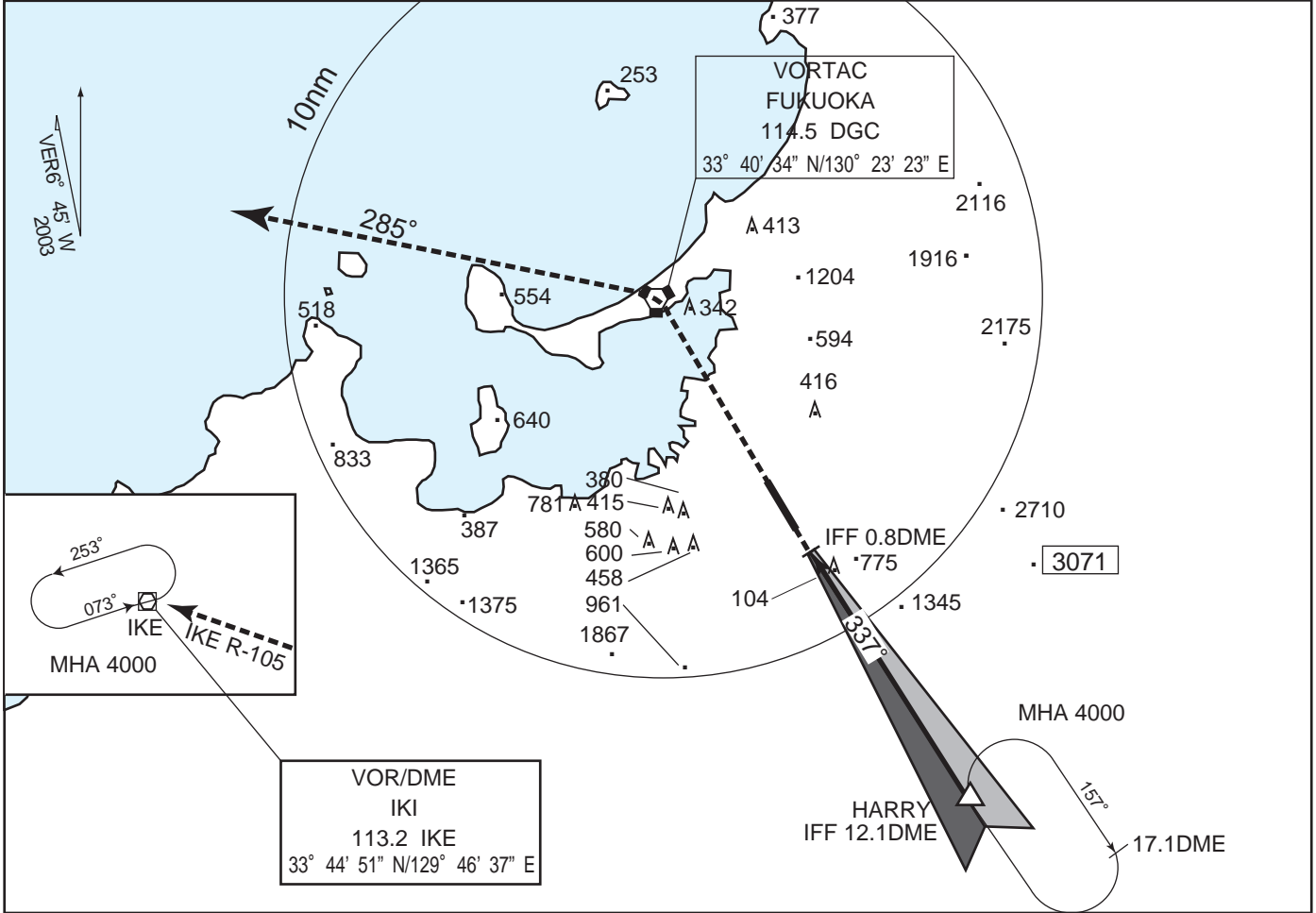
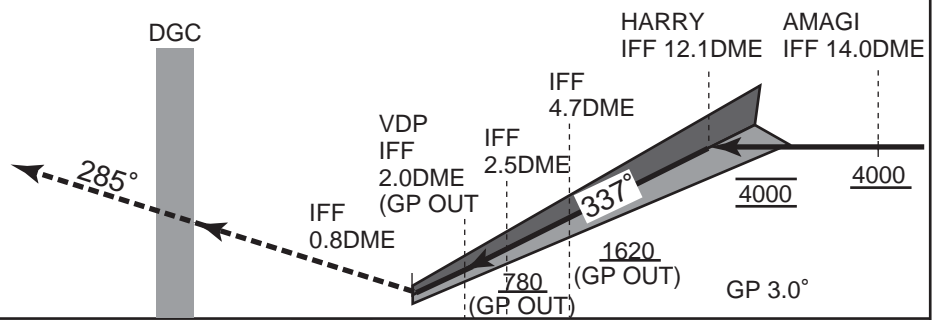


| | | | |
|---|---|--|---------------------------------------|
| <p>FUKUOKA APP 119.1 - 119.65 - 120.7 261.2 - 270.8</p> | <p>ILS-LLZ 108.9 IFF ILS-GP 329.3 ILS-DME 987(CH-26X)</p> | <p>FUKUOKA TOWER 118.4 - 126.2 236.8</p> | <p>RADAR AVAILABLE ATIS 127.2</p> |
|---|---|--|---------------------------------------|



ILS REFERENCE DATUM 53'

MISSED APPROACH
At DA, climb to 4000' and proceed to DGC VORTAC, then turn left to intercept and proceed via IKE R-105 to IKE VOR/DME and hold.
Contact FUKUOKA APP.



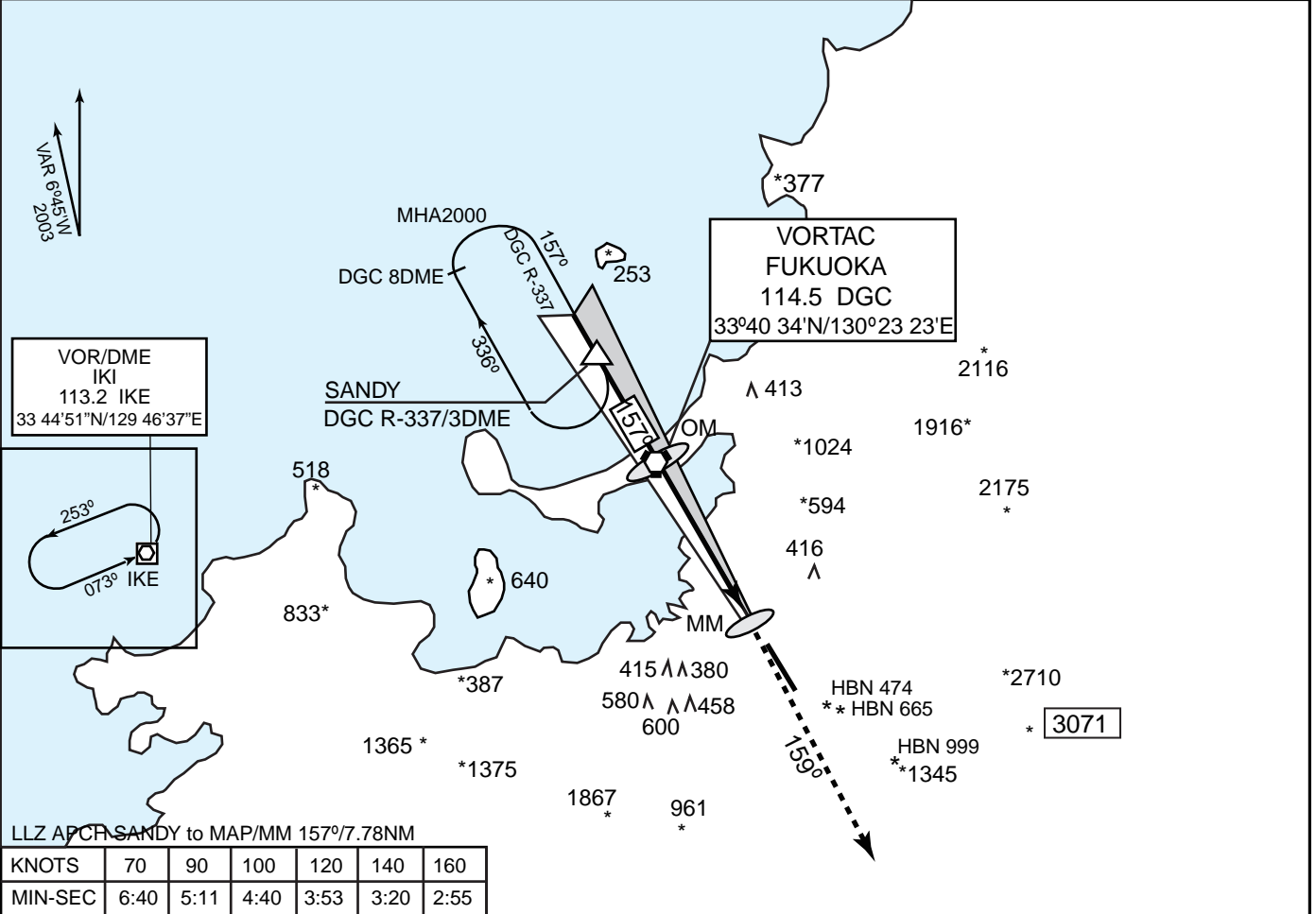
MINIMA

FIELD ELEV 30ft
TDZ ELEV 32ft

| | STA TO RWY 34 | | | | CIRCLING* | |
|------------------|--------------------|----------|-----------|-----------|------------------------|--------------|
| | ILS | | (GP OUT) | | MDA-VIS | |
| | DA 297' | | MDA 600' | | | |
| RTZL & RCLL AVBL | RTZL &/or RCLL OUT | PALS OUT | PALS AVBL | PALS OUT | | |
| A | | | | | RVR 1400m VIS 1400m | 860' -1600m |
| B | RVR 800m | RVR 800m | RVR 1200m | RVR 1200m | VIS 1700m | 860' -1700m |
| C | VIS 800m | VIS 800m | VIS 1200m | | VIS 2200m | 1020' -2400m |
| D | | | | VIS 1800m | VIS 3100m | 1040' -3200m |

*Circling to West side of RWY only.

| | | | |
|--|--------------------------------------|---|-------------------------------|
| FUKUOKA APP 119.1 - 119.65 - 120.7 127.9 - 261.2 - 270.8 | ILS-LLZ 111.7 IFO ILS-GP 333.5 | FUKUOKA TOWER 118.4 - 126.2 236.8 | RADAR AVAILABLE ATIS 127.2 |
|--|--------------------------------------|---|-------------------------------|



ILS REFERENCE DATUM 58'

MISSED APPROACH
At DA, climb via DGC R-159 to YAMEK, cross YAMEK at or above 5000', then turn right to intercept and proceed via IKE R-127 to IKE VOR/DME and hold at 6000'. Cross IKE R-127/37DME at 6000'. Contact FUKUOKA APP

SANDY DGC R-337 3DME

DGC OM

MM

2000

1834

157°

159°

| | |
|--------|----------------------------------|
| MINIMA | FIELD ELEV 30ft TDZ ELEV 18ft |
|--------|----------------------------------|

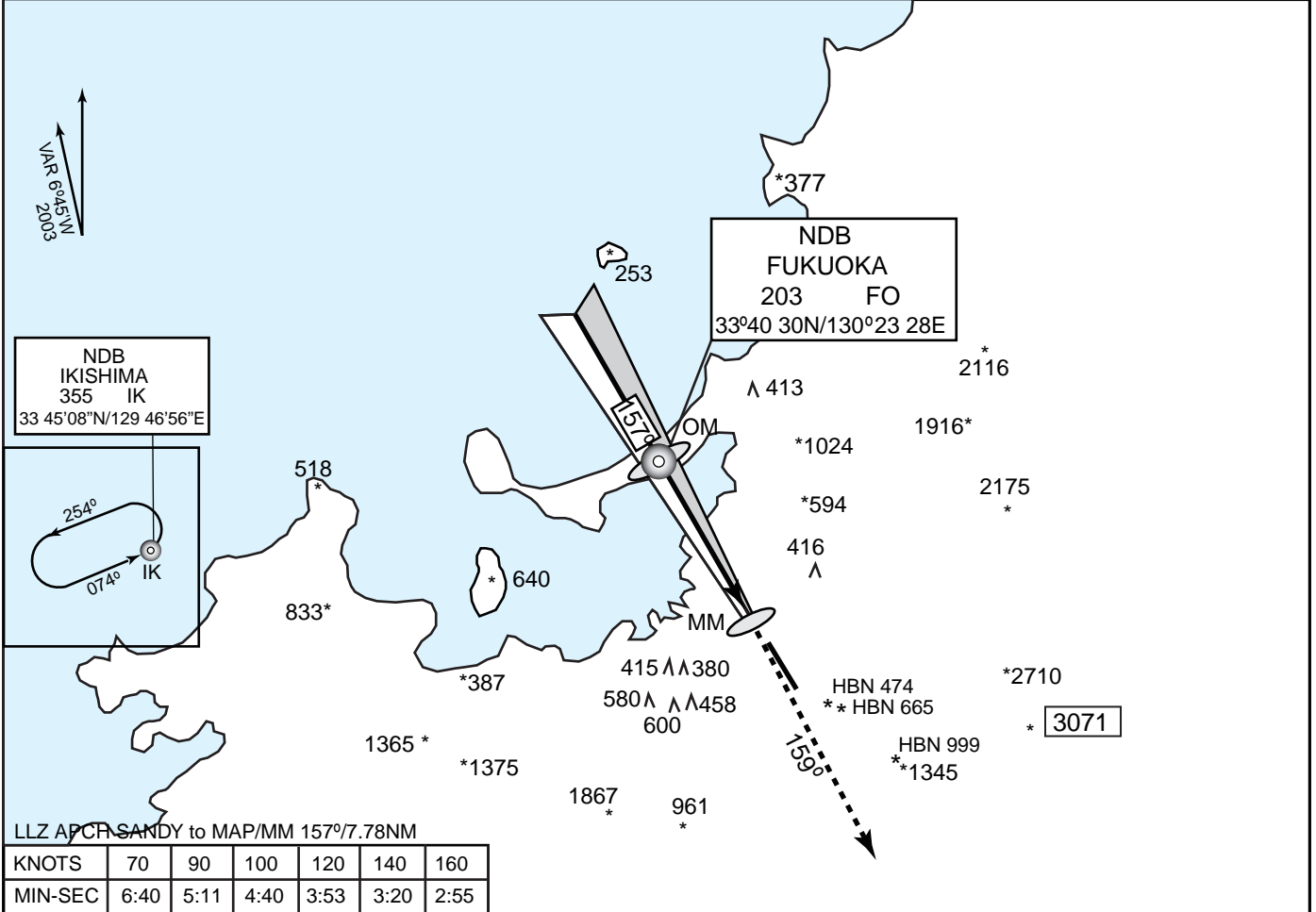
| | STA TO RWY 16 | | | | | | CIRCLING* |
|---|------------------|--------------------|-----------|------------------------|-----------|-----------|-------------|
| | ILS | | | (GP OUT) | | | |
| | RTZL & RCLL AVBL | RTZL &/or RCLL OUT | PALS OUT | MM OUT | PALS AVBL | PALS OUT | MSA-VIS |
| A | | | | | | | 860'-2000m |
| B | RVR 800m | RVR 800m | RVR 1200m | RVR 1000m | VIS 1200m | VIS 2100m | |
| C | VIS 800m | VIS 800m | VIS 1200m | VIS 1000m | VIS 1200m | VIS 2500m | 1020'-2500m |
| D | | | | RVR 1200m VIS 1200m | VIS 2100m | VIS 3400m | 1040'-3400m |

*Circling to West side of RWY only

Aircraft executed missed approach shall keep following climb gradient until passing 1000ft

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| SPEED (KNOTS) | 60 | 90 | 120 | 150 | 180 | 210 |
| RATE (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

| | | | |
|--|--------------------------------------|---|-------------------------------|
| FUKUOKA APP 119.1 - 119.65 - 120.7 127.9 - 261.2 - 270.8 | ILS-LLZ 111.7 IFO ILS-GP 333.5 | FUKUOKA TOWER 118.4 - 126.2 236.8 | RADAR AVAILABLE ATIS 127.2 |
|--|--------------------------------------|---|-------------------------------|



ILS REFERENCE DATUM 58'

MISSED APPROACH
At DA, climb via DGC R-159 to YAMEK, cross YAMEK at or above 5000', then turn right to intercept and proceed via IKE R-127 to IKE VOR/DME and hold at 6000'. Cross IKE R-127/37DME at 6000'. Contact FUKUOKA APP

SANDY DGC R-337 3DME

DGC OM

MM

2000

1834

157°

159°

| | |
|--------|----------------------------------|
| MINIMA | FIELD ELEV 30ft TDZ ELEV 18ft |
|--------|----------------------------------|

| | STA TO RWY 16 | | | | | | CIRCLING* |
|---|------------------|--------------------|-----------|------------------------|-----------|-----------|-------------|
| | ILS | | | (GP OUT) | | | |
| | RTZL & RCLL AVBL | RTZL &/or RCLL OUT | PALS OUT | MM OUT | PALS AVBL | PALS OUT | MSA-VIS |
| A | | | | | | | 860'-2000m |
| B | RVR 800m | RVR 800m | RVR 1200m | RVR 1000m | VIS 1200m | VIS 2100m | |
| C | VIS 800m | VIS 800m | VIS 1200m | VIS 1000m | VIS 1200m | VIS 2500m | 1020'-2500m |
| D | | | | RVR 1200m VIS 1200m | VIS 2100m | VIS 3400m | 1040'-3400m |

*Circling to West side of RWY only

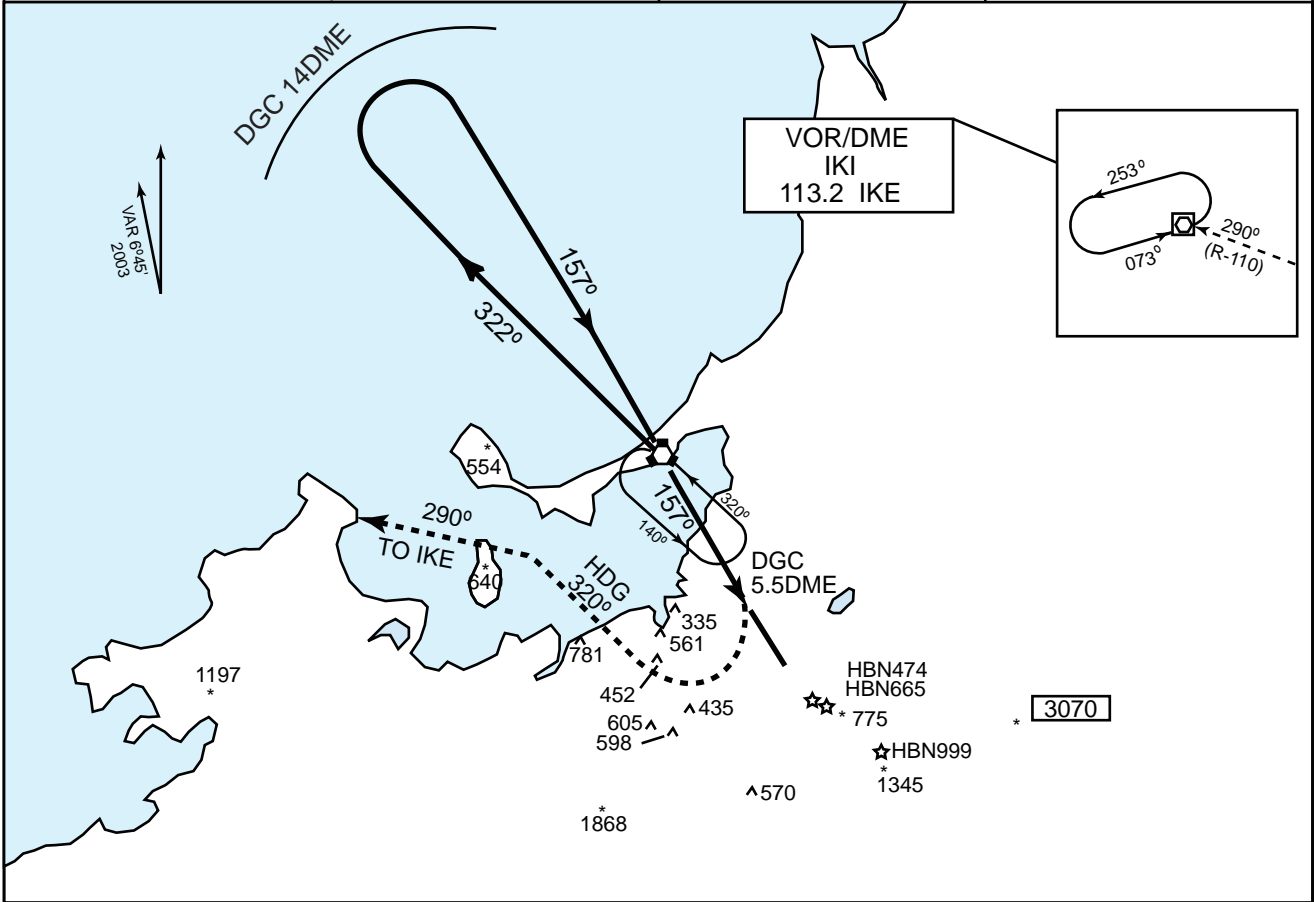
Aircraft executed missed approach shall keep following climb gradient until passing 1000ft

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| SPEED (KNOTS) | 60 | 90 | 120 | 150 | 180 | 210 |
| RATE (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

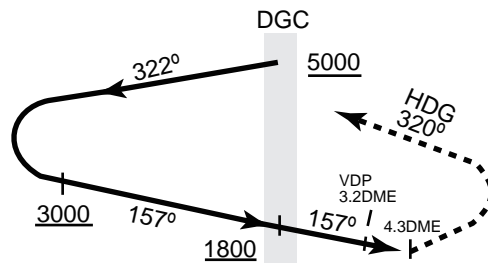
RJFF

FUKUOKA VOR/DME RWY16

| | | | |
|---|--|--|---------------------------------------|
| <p>FUKUOKA APP 119.1-119.65-120.7 127.9-261.2-270.8</p> | <p>FUKUOKA VORTAC 114.5 DGC 33°40.4'N/130°23.5'E</p> | <p>FUKUOKA TOWER 118.4-126.2 236.8</p> | <p>RADAR AVAILABLE ATIS 127.2</p> |
|---|--|--|---------------------------------------|



Remain within 14nm



MISSED APPROACH
At 4.3DME after passing DGC VORTAC, turn right climb to 4000' via heading 320° to intercept and proceed via IKE R-110 to IKE VOR/DME and hold. Contact FUKUOKA APP.

MINIMA

FIELD ELEV 30ft

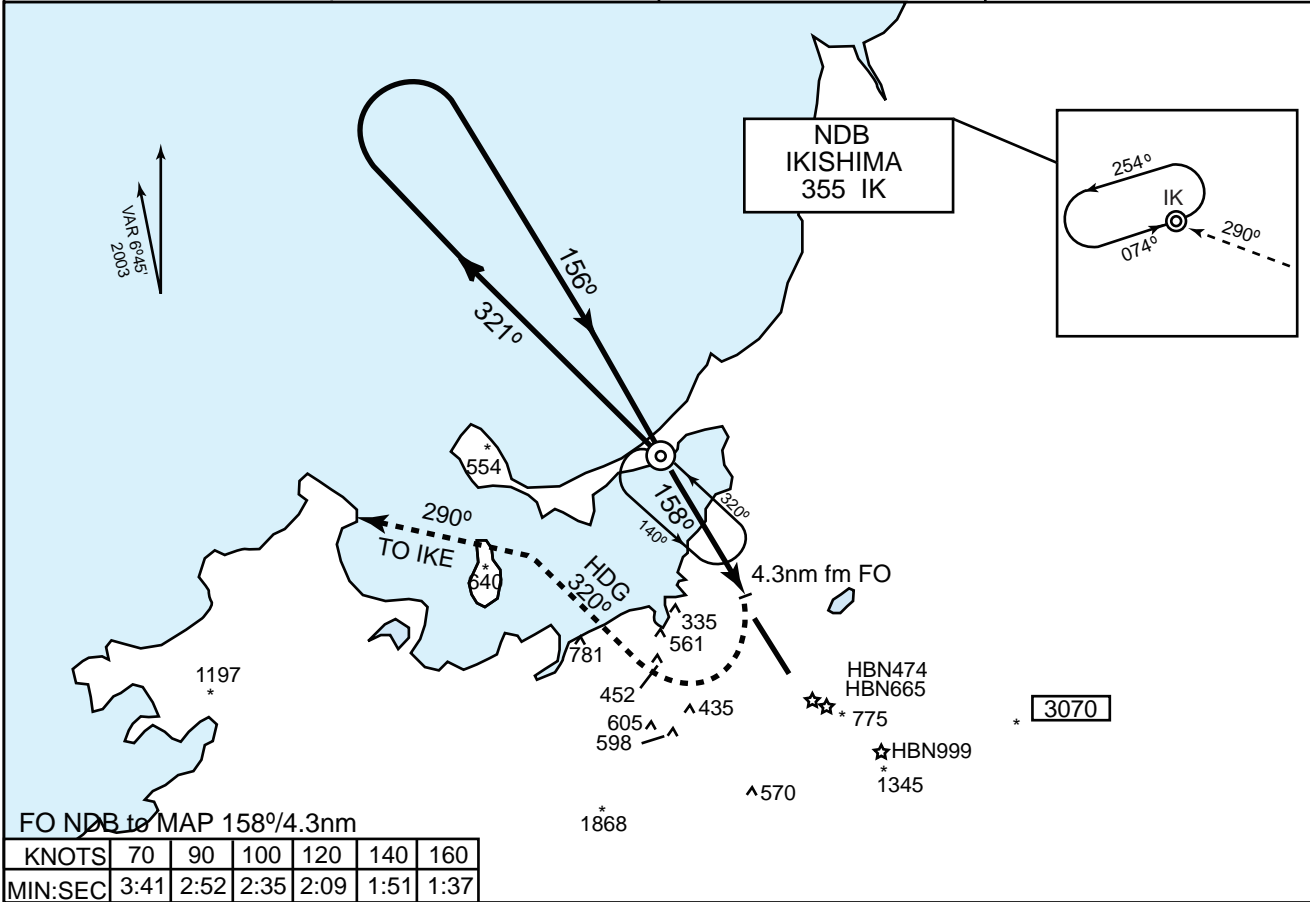
| | STA TO RWY16 MDA 800' | | CIRCLING* MDA-VIS |
|---|--------------------------|-----------|----------------------|
| | ALS AVBL | ALS OUT | |
| A | RVR 1200m | VIS 2200m | 860' - 2200m |
| B | VIS 1200m | VIS 2400m | 860' - 2400m |
| C | VIS 1900m | VIS 3100m | 1020' - 3100m |
| D | VIS 3000m | VIS 4200m | 1040' - 4200m |

* Circling to West side of RWY only.

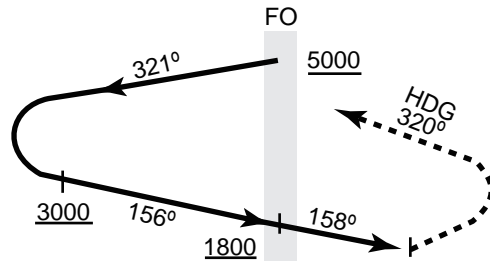
RJFF

FUKUOKA ADF RWY16

| | | | |
|--|---|---------------------------------------|-------------------------------|
| FUKUOKA APP 119.1-119.65-120.7 127.9-261.2-270.8 | FUKUOKA NDB 203 FO 33°40.3'N/130°23.6'E | FUKUOKA TOWER 118.4-126.2 236.8 | RADAR AVAILABLE ATIS 127.2 |
|--|---|---------------------------------------|-------------------------------|



Remain within 14nm



MISSED APPROACH
At 4.3nm after passing FO NDB, turn right climb to 4000' via heading 320° to intercept and proceed via 290° to IK NDB and hold. Contact FUKUOKA APP.

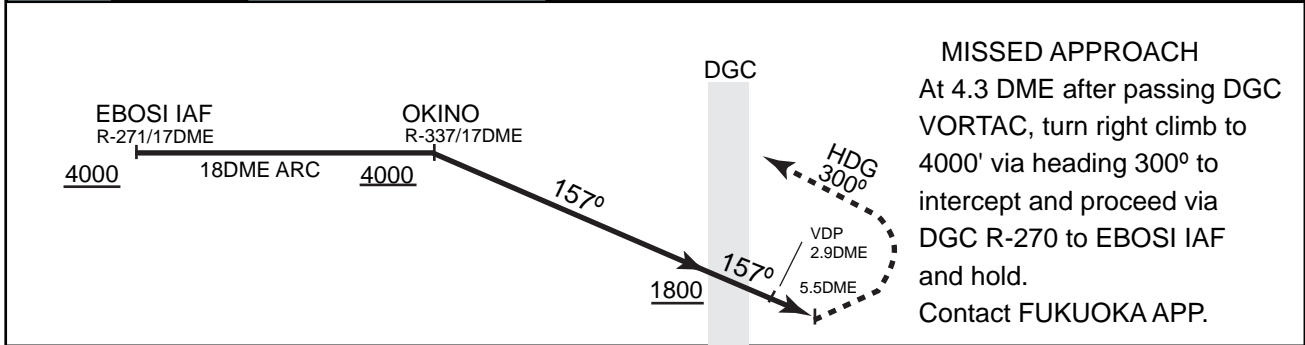
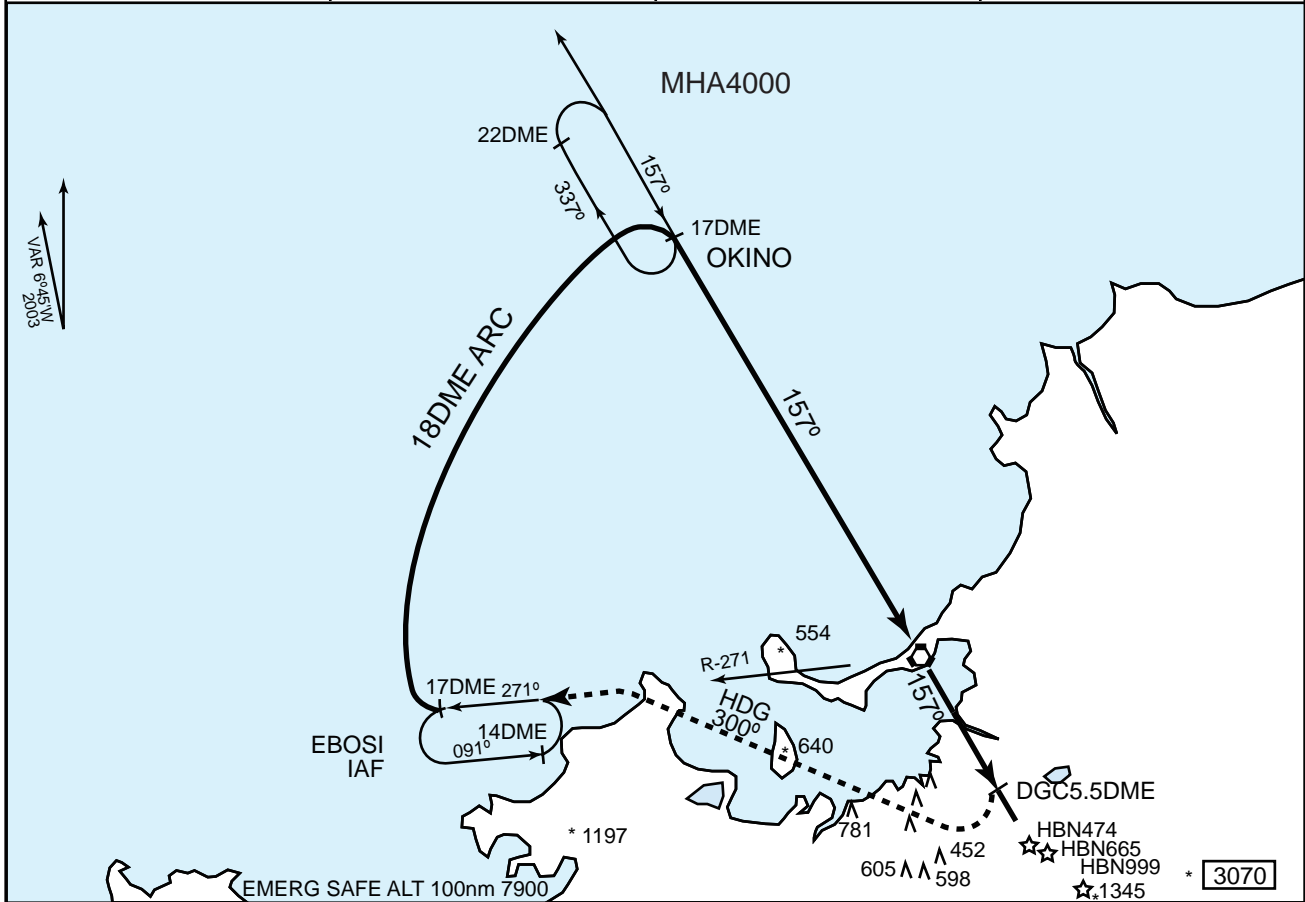
| MINIMA | | | FIELD ELEV 30ft |
|--------|--------------------------|-----------|-----------------|
| | STA TO RWY16 MDA 800' | | CIRCLING* |
| | ALS AVBL | ALS OUT | MDA-VIS |
| A | RVR 1400m VIS 1400m | VIS 2200m | 880' - 2200m |
| B | RVR 1600m VIS 1600m | VIS 2700m | 880' - 2700m |
| C | VIS 2200m | VIS 3500m | 1020' - 3500m |
| D | VIS 3500m | VIS 4700m | 1040' - 4700m |

* Circling to West side of RWY only.

RJFF

FUKUOKA TACAN RWY 16

| | | | |
|--|---|---|-------------------------------|
| FUKUOKA APP 119.1 - 119.65 - 120.7 127.9 - 261.2 - 270.8 | FUKUOKA VORTAC 114.5 DGC 33°40.4'N/130°23.5'E | FUKUOKA TOWER 118.4 - 126.2 236.8 | RADAR AVAILABLE ATIS 127.2 |
|--|---|---|-------------------------------|



| MINIMA | | FIELD ELEV 30ft | |
|--------|---------------------------|-----------------|---------------|
| | STA TO RWY 16 MDA 800' | | CIRCLING* |
| | PALS AVBL | PALS OUT | MDA-VIS |
| A | RVR 1200m | VIS 2200m | 860' - 2200m |
| B | VIS 1200m | VIS 2400m | 860' - 2400m |
| C | VIS 1900m | VIS 3100m | 1020' - 3100m |
| D | VIS 3000m | VIS 4200m | 1040' - 4200m |

*Circling to West side RWY only.

SANDY EAST ARRIVAL

From over EBISU, proceed via IKE R-073 to 27DME (DGC R-345), then turn left to intercept and proceed via DGC R-337 to SANDY via LAGER.

Cross IKE R-073/27DME (DGC R-345) at or above 5,000FT, cross LAGER at or above 3,000FT, cross SANDY at or above 2,000FT.

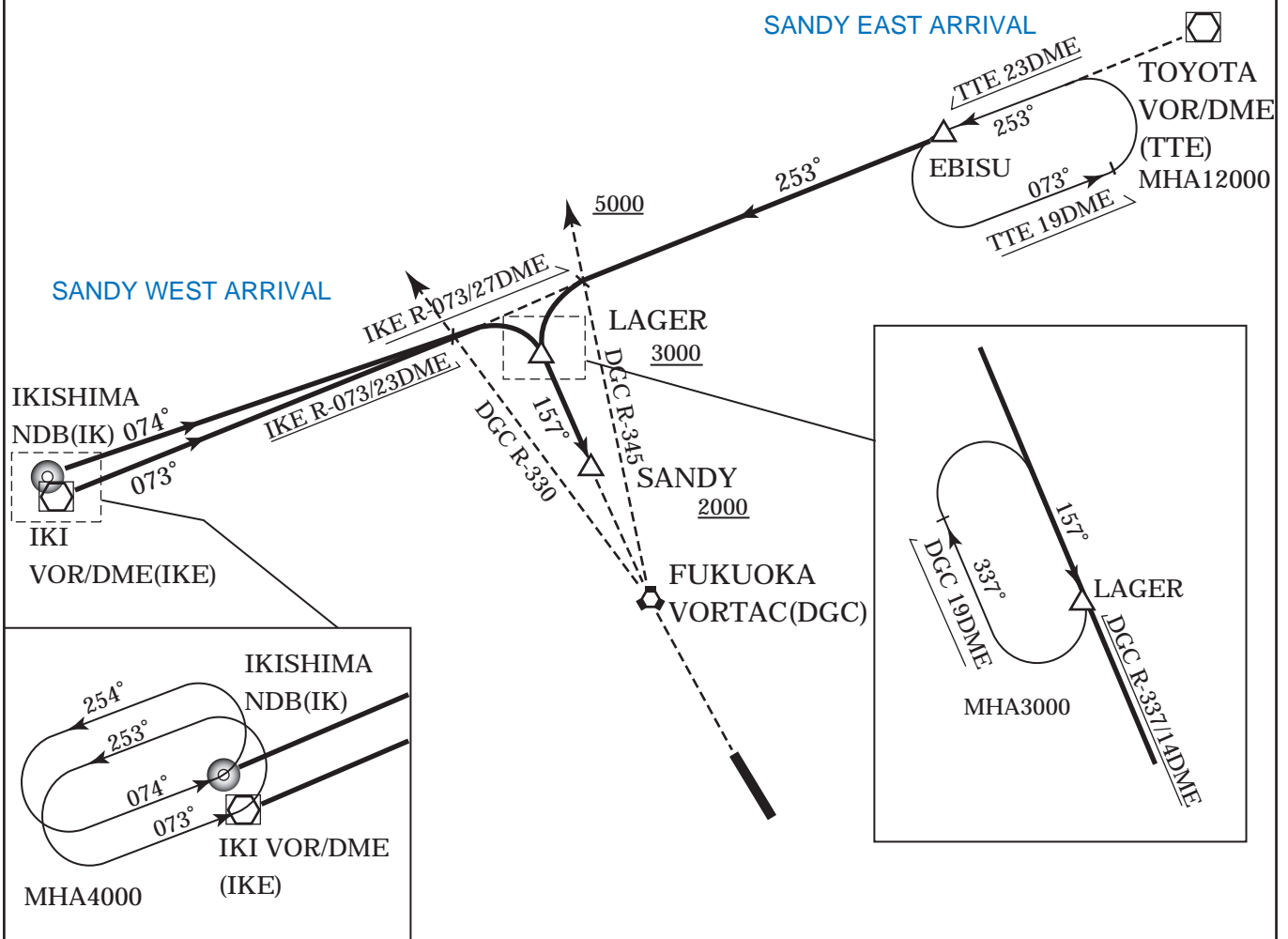
SANDY WEST ARRIVAL

From over IKE VOR/DME (IK NDB), proceed via IKE R-073 (074DEG from IK NDB) to IKE R-073/23DME (DGC R-330), then turn right to intercept and...

From over LAGER...

...proceed via DGC R-337 to SANDY.

Cross LAGER at or above 3,000FT, cross SANDY at or above 2,000FT.



HARRY EAST ARRIVAL

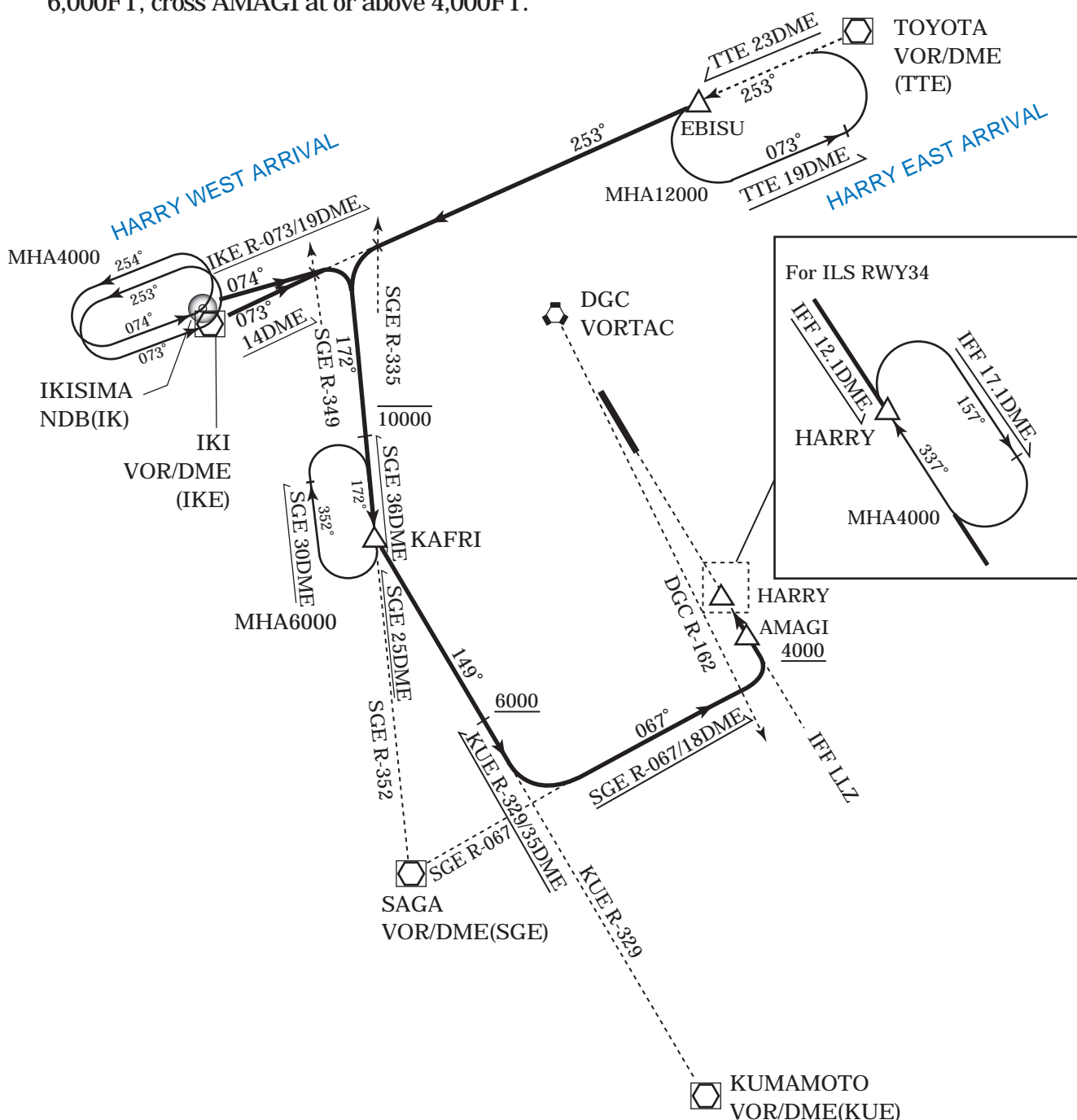
From over EBISU, proceed via IKE R-073 to 19DME (SGE R-355), turn left to intercept and proceed via SGE R-352 to KAFRI, then proceed via KUE R-329, turn left and proceed via SGE R-067 to 18DME (DGC R-162), turn left to intercept and proceed via IFF-LLZ to HARRY via AMAGI.

Cross SGE R-352/36DME at or below 10,000FT, cross KUE R-329/35DME at or above 6,000FT, cross AMAGI at or above 4,000FT.

HARRY WEST ARRIVAL

From over IKE VOR/DME (IK NDB), proceed via IKE R-073 (074DEG from IK NDB) to IKE R-073/14DME (SGE R-349), turn right to intercept and proceed via SGE R-352 to KAFRI, then proceed via KUE R-329, turn left and proceed via SGE R-067 to 18DME (DGC R-162), turn left to intercept and proceed via IFF-LLZ to HARRY via AMAGI.

Cross SGE R-352/36DME at or below 10,000FT, cross KUE R-329/35DME at or above 6,000FT, cross AMAGI at or above 4,000FT.



OGUNI THREE DEPARTURE

RWY 16: Climb RWY HDG until 1NM from RWY end/DGC 8DME, turn right within DGC 10DME/3NM from RWY end to intercept and proceed via DGC R-159 to MIKNI, then turn left and proceed via TAE R-272 to OGUNI.

Cross MIKNI at or above 10,000FT.

RWY 34: Climb direct to DGC VORTAC until passing 3,000FT or crossing DGC VORTAC whichever sooner, then turn right to intercept and proceed via DGC R-146 to OGUNI via SAKKY.

Maintain at or below 10,000FT within DGC 9DME.

Cross DGC R-146/28DME at or below FL200, cross SAKKY at or above 10,000FT.

NOTE 1: When take off RWY16, following climb gradient should be maintained until 1,400FT.

NOTE 2: When take off RWY34, following climb gradient should be maintained until 3,200FT.

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

SAKKY THREE DEPARTURE

RWY 16: Climb RWY HDG until 1NM from RWY end/DGC 8DME, turn right within DGC 10DME/3NM from RWY end to intercept and proceed via DGC R-159 to MIKNI, then turn left and proceed via IWC R-239 to SAKKY.

Cross SAKKY at or above 10,000FT.

RWY 34: Climb direct to DGC VORTAC until passing 3,000FT or crossing DGC VORTAC whichever sooner, then turn right to intercept and proceed via DGC R-146 to SAKKY.

Maintain at or below 10,000FT within DGC 9DME.

Cross DGC R-146/28DME at or below FL200, cross SAKKY at or above 10,000FT.

NOTE 1: When take off RWY16, following climb gradient should be maintained until 1,400FT.

NOTE 2: When take off RWY34, following climb gradient should be maintained until 3,200FT.

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

YAMGA THREE DEPARTURE

RWY 16: Climb RWY HDG until 1NM from RWY end/DGC 8DME, turn right within DGC 10DME/3NM from RWY end to intercept and proceed via DGC R-159 to YAMGA.

Cross YAMGA at or above 10,000FT.

RWY 34: Climb direct to DGC VORTAC until passing 3,000FT or crossing DGC VORTAC whichever sooner, then turn right to intercept and proceed via DGC R-146 to YURRY, then turn right and proceed via KUE R-351 to YAMGA.

Maintain at or below 10,000FT within DGC 9DME.

Cross KUE R-351/28DME at or below FL200, cross YAMAGA at or above 10,000FT.

NOTE 1: When take off RWY16, following climb gradient should be maintained until 1,400FT.

NOTE 2: When take off RWY34, following climb gradient should be maintained until 3,200FT.

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

YAMEK FIVE DEPARTURE

RWY 16: Climb RWY HDG until 1NM from RWY end/DGC 8DME, turn right within DGC 10DME/3NM from RWY end to intercept and proceed via DGC R-159 to YAMEK.

RWY 34: Climb direct to DGC VORTAC until passing 3,000FT or crossing DGC VORTAC whichever sooner, then turn right to intercept and proceed via DGC R-146 to YURRY, then turn right to intercept and proceed via TTE R-209 to YAMEK.

Maintain at or below 10,000FT within DGC 9DME,...

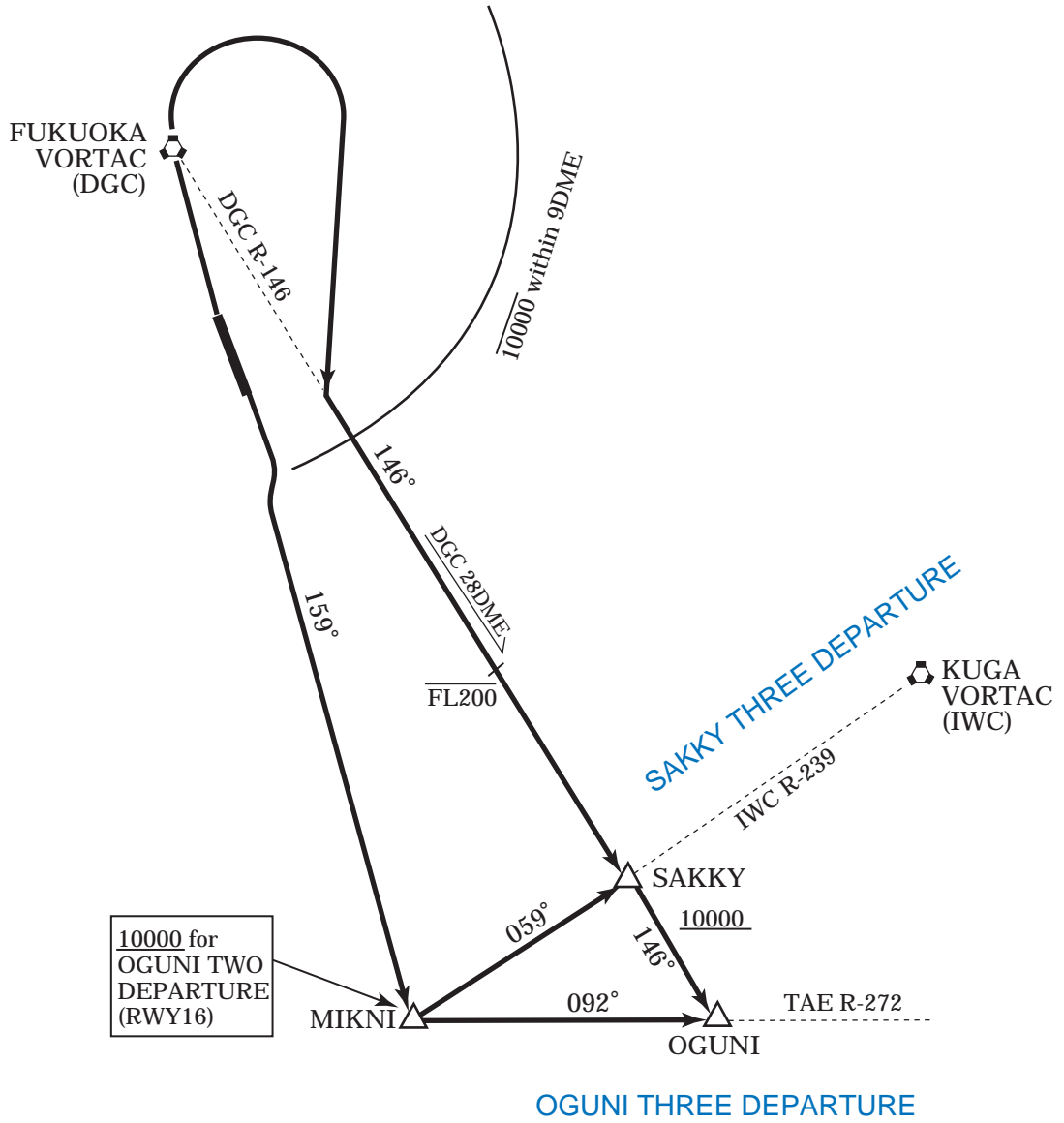
..Cross YAMEK at or above 5,000FT.

NOTE 1: When take off RWY16, following climb gradient should be maintained until 1,400FT.

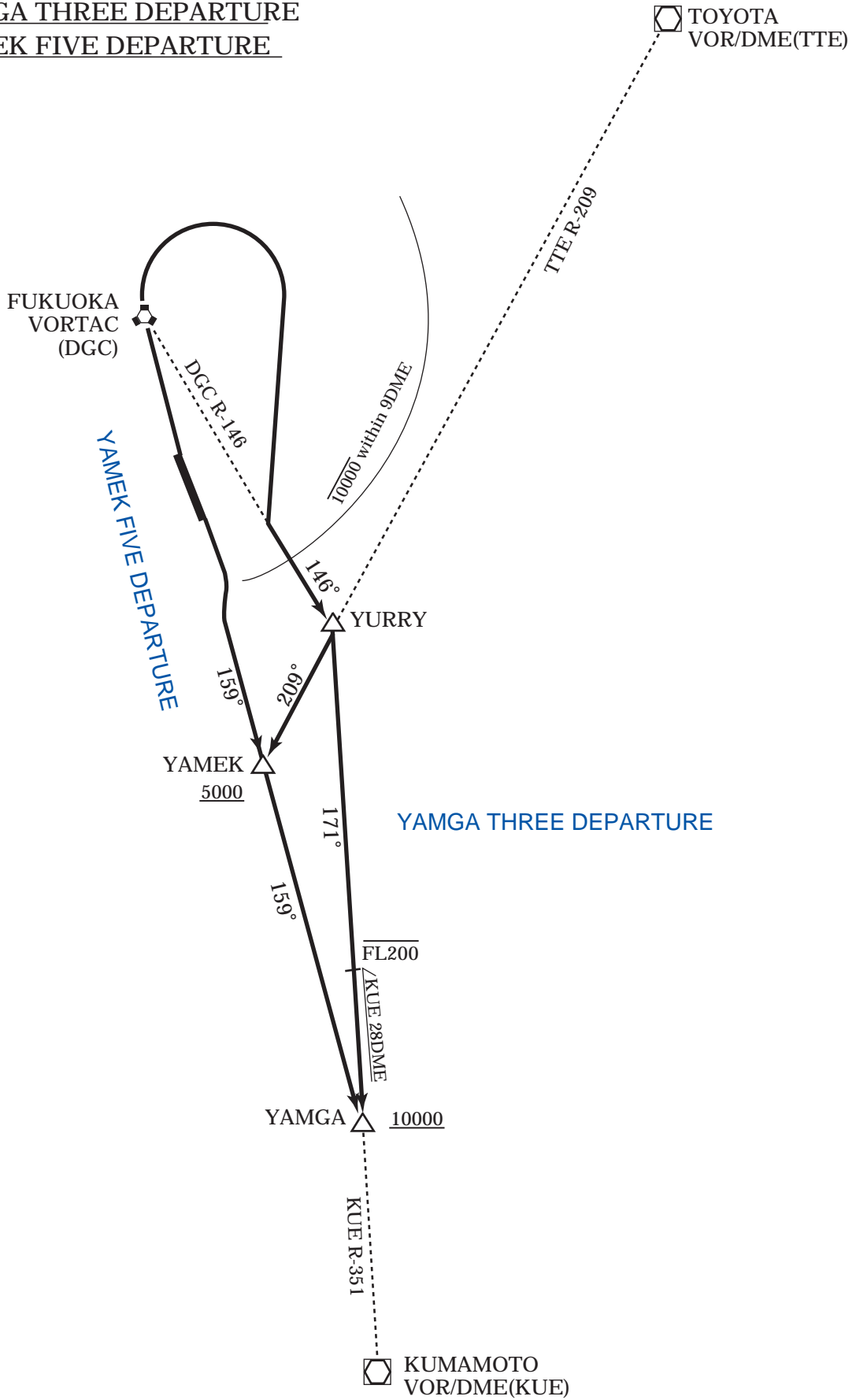
NOTE 2: When take off RWY34, following climb gradient should be maintained until 3,200FT.

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

OGUNI THREE DEPARTURE
SAKKY THREE DEPARTURE



YAMGA THREE DEPARTURE
YAMEK FIVE DEPARTURE



FUKUOKA NINE DEPARTURE

RWY 16: Climb RWY HDG until 1NM from RWY end/DGC 8DME, turn right within DGC 10DME/3NM from RWY end to intercept and proceed via DGC R-159 to YAMEK, then turn right to intercept and proceed via DGC R-182 to DGC VORTAC.

Cross YAMEK at or above 5,000FT.

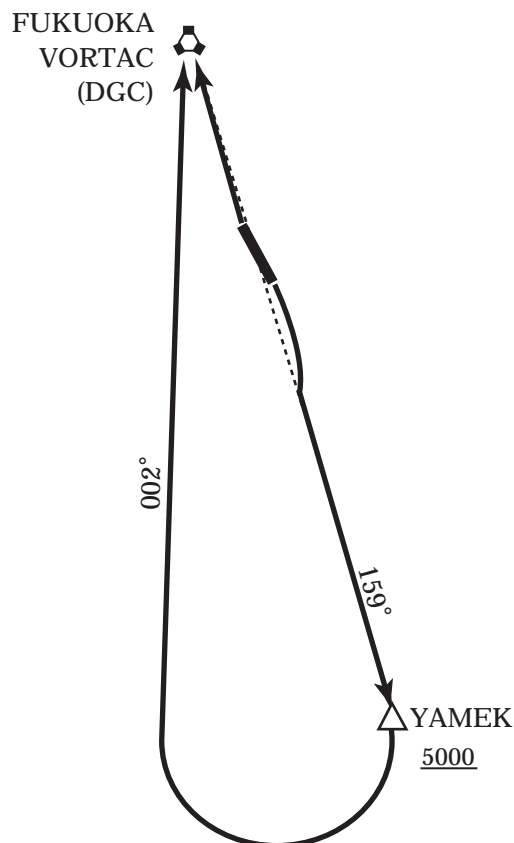
RWY 34: Climb direct to DGC VORTAC.

NOTE 1: When take off RWY16, following climb gradient should be maintained until 1,400FT.

NOTE 2: When take off RWY34, following climb gradient should be maintained until 1,000FT.

| | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

FUKUOKA NINE DEPARTURE



RJFF

FUKUOKA TRANSITION

OITA TRANSITION

After OGUNI, proceed via TAE R-272 to TAE VOR/DME.
Cross TAE R-272/32DME at or above FL170.

KUGA TRANSITION

After SAKKY, proceed via IWC R-239 to IWC VORTAC.
Cross IWC R-239/73DME (DGC R-133) at or above FL170.

KAGOSHIMA TRANSITION

After YAMGA, proceed via HKC R-012 to HKC VORTAC.

KUMAMOTO TRANSITION

After YAMGA, proceed via KUE R-351 to KUE VOR/DME.

TAGAWA TRANSITION (for RWY16 only)

After YAMEK, turn left and proceed via TTE R-209 to intercept and proceed via
DGC R-081 to IWC VORTAC.

Cross TTE R-209/47DME (DGC R-140) at or above 6,000FT, cross TTE
R-209/38DME (DGC R-110) at assigned altitude.

SAGA TRANSITION

After YAMEK, proceed via SGE R-058 to SGE VOR/DME.

TAIME TRANSITION

After YAMEK, proceed via TTE R-209 to join G339.

IKI TRANSITION

After YAMEK, turn right, proceed via IKE R-127 to KAFRI or IKE VOR/DME
(307DEG to IK NDB).

Cross IKE R-127/37DME at or above 6,000FT.

RJFF

FUKUOKA TRASITION

