

WONJU/wonju (RKNW)
RNP RWY 21

ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 9° W

True North

(IAF) VEMTI
37°39'56"N
127°59'06"E

(IAF) ANOTI
37°37'43"N
128°04'44"E

CASTO
37°34'05"N
128°02'29"E

POLLU
37°29'37"N
127°59'42"E

WONJU
VOR/DME 110.2
HGS
37°28'33"N
127°58'30"E
500 ft

SUSAP
37°18'14"N
127°48'33"E

GAGGY
37°22'16"N
127°55'08"E

ANKEG
37°28'07"N
127°58'46"E

OLTOV
37°32'17"N
128°01'21"E

JOOKA
37°34'09"N
128°13'45"E

KAGER
37°14'16"N
127°44'44"E

MOA 5H
FL 400
12 000 AMSL

MOA 5L
9 000 AMSL
3 000 AGL

ANOTI
37°37'43"N
128°04'44"E

JOOKA
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128°13'45"E

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HGS
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127°58'30"E
50

VGSI and descent angles not coincident
(VGSI angle 3.25/TCH 54).

(FAF) OLTOV

CASTO

(IAF/IF) ANOTI

214°

214°

214°

1 500

2 600

3 200

4 400

∠VDA 3.5°
TCH 60

RWY 21

(MAPt) ANKEG

POLLU

4.3 NM

1.7 NM

3 NM

2 NM

4 NM

CATEGORY	A	B	C	D
LNAV/VNAV DA	N/A			
LNAV MDA	1 200/60 870(900-11/8)		1 200-2 870(900-2)	
CIRCLING	N/A			

AIRAC AIP AMDT 8/21
Effective : 1600UTC 11 AUG 2021

WONJU/wonju (RKNW)
RNP RWY 21

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 21

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	-	JOOKA	-	-	-	-	+5 600	-230	37°34'08.84"N 128°13'45.27"E	-	RNP APCH	IAF
002	TF	ANOTI	-	305(296.5)	8.0	-	+4 400	-230	37°37'42.86"N 128°04'44.26"E	-	RNP APCH	IAF/IF

RNP RWY 21

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	-	VEMTI	-	-	-	-	+4 400	-230	37°39'56.27"N 127°59'05.69"E	-	RNP APCH	IAF
002	TF	ANOTI	-	124(116.3)	5.0	-	+4 400	-230	37°37'42.86"N 128°04'44.26"E	-	RNP APCH	IAF/IF
003	TF	CASTO	-	214(206.4)	4.0	-	+3 200	-230	37°34'05.59"N 128°02'28.87"E	-	RNP APCH	-
004	TF	OLTOV	-	214(206.4)	2.0	-	+2 600	-	37°32'16.91"N 128°01'21.18"E	-	RNP APCH	FAF
005	TF	POLLU	-	214(206.4)	3.0	-	+1 500	-	37°29'37.54"N 127°59'42.09"E	-	RNP APCH	-
006	TF	ANKEG	FO	214(206.4)	1.7	-	1 200	-	37°28'06.75"N 127°58'45.69"E	-	RNP APCH	MAPt

MISSED Approach

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	TF	ANKEG	-	-	-	-	-	-	37°28'06.75"N 127°58'45.69"E	-	RNP APCH	MAPt
002	TF	GADDY	-	214(206.3)	6.5	-	-	-	37°22'16.20"N 127°55'08.33"E	-	RNP APCH	CG 266 ft/NM to 6 000 ft
003	TF	SUSAP	-	241(232.6)	6.6	-	-	-	37°18'14.41"N 127°48'32.66"E	-	RNP APCH	CG 266 ft/NM to 6 000 ft
004	TF	KAGER	-	226(217.6)	5.0	-	6 000	-	37°14'16.30"N 127°44'43.60"E	-	RNP APCH	-

HOLDING Data

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	TF	ANOTI	-	214(206.4)	5.0	L	4 400	-200	37°34'08.84"N 128°13'45.27"E	-	RNP APCH	Hold at DEKIL NE left Turn 214° Inbound 5 NM Leg.
002	TF	KAGER	-	226(217.6)	5.0	L	6 000	-200	37°37'42.86"N 128°04'44.26"E	-	RNP APCH	Hold at KAJAN NE Left Turn 226° Inbound 5 NM Leg.

Change : Information of fix names(WONKA → VEMTI, DEKIL → ANOTI, TYRON → OLTOV, MIKEL → ANKEG, ECKEY → SUSAP, KAJAN → KAGER).

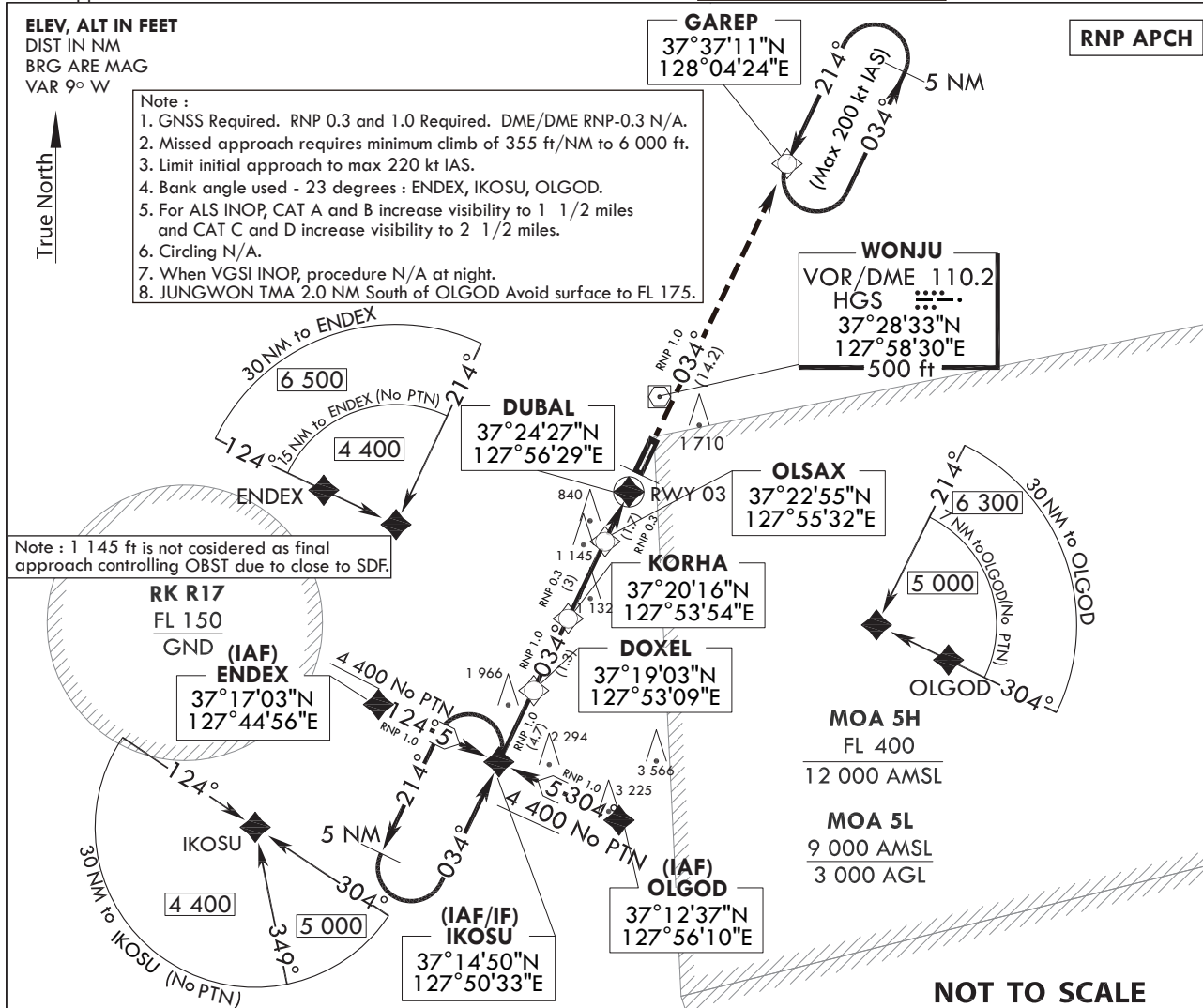
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 330 ft
HEIGHTS RELATED TO
THR RWY 03 - ELEV 325 ft

WONJU APP 130.2
234.4 255.0
WONJU TWR 126.2 118.325
236.6 265.5

WONJU/wonju (RKNW)
RNP RWY 03

Note : Approach under U.S.TERPS.

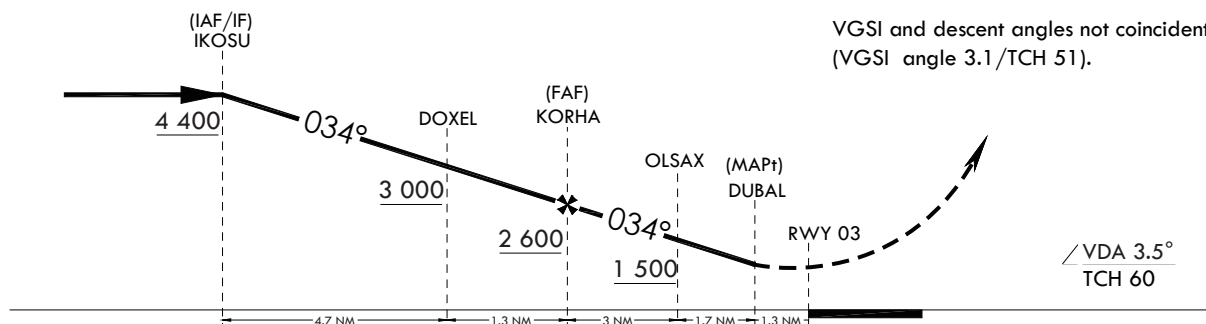


※ VGSI : Visual Glide Slope Indicator
VPA : Vertical Path Angle
TCH : Threshold Crossing Height
No PTN : No Procedure Turn Required

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 6 000 ft on track 034° to GAREP and HOLD.



CATEGORY	A	B	C	D
LNAV/VNAV DA	N/A			
LNAV MDA	1 160/60 835(900-11/8)		1 160-17/8 835(900-17/8)	
CIRCLING	N/A			

Change : Information of fix names(RHODE → ENDEX, MADAE → IKOSU, PADON → OLGOD, INDRA → DOXEL, DEVON → OLSAX).

WONJU/wonju (RKNW)
RNP RWY 03

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 03

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	-	ENDEX	-	-	-	-	+4 400	-220	37°17'03.21"N 127°44'55.61"E	-	RNP APCH	IAF
002	TF	IKOSU	-	124(116.2)	5.0	-	+4 400	-220	37°14'50.45"N 127°50'32.84"E	-	RNP APCH	IAF/IF

RNP RWY 03

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	-	OLGOD	-	-	-	-	+5 000	-220	37°12'37.42"N 127°56'09.75"E	-	RNP APCH	IAF
002	TF	IKOSU	-	304(296.3)	5.0	-	+4 400	-220	37°14'50.45"N 127°50'32.84"E	-	RNP APCH	IAF/IF
003	TF	DOXEL	-	034(026.3)	4.7	-	+3 000	-220	37°19'03.51"N 127°53'09.14"E	-	RNP APCH	-
004	TF	KORHA	-	034(026.3)	1.3	-	+2 600	-	37°20'15.88"N 127°53'53.87"E	-	RNP APCH	FAF
005	TF	OLSAX	-	034(026.3)	3.0	-	+1 500	-	37°22'55.32"N 127°55'32.56"E	-	RNP APCH	-
006	TF	DUBAL	FO	034(026.3)	1.7	-	1 160	-	37°24'26.96"N 127°56'29.33"E	-	RNP APCH	MAPt

MISSED Approach

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	-	DUBAL	-	-	-	-	-	-	37°24'26.96"N 127°56'29.33"E	-	RNP APCH	MAPt
002	TF	GAREP	-	034(026.3)	14.2	-	+6 000	-	37°37'10.88"N 128°04'24.31"E	-	RNP APCH	CG 355 ft/NM to 6 000 ft

HOLDING Data

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	TF	IKOSU	-	034(026.3)	5.0	L	4 400	-200	37°14'50.45"N 127°50'32.84"E	-	RNP APCH	Hold at MADAE SW Left Turn 034° Inbound 5 NM Leg.
002	TF	GAREP	-	034(026.3)	5.0	L	6 000	-200	37°37'10.88"N 128°04'24.31"E	-	RNP APCH	Hold at GAREP NE Left Turn 214° Inbound 5 NM Leg.

Change : Information of fix names(RHODE → ENDEX, MADAE → IKOSU, PADON → OLGOD, INDRA → DOXEL, DEVON → OLSAX).

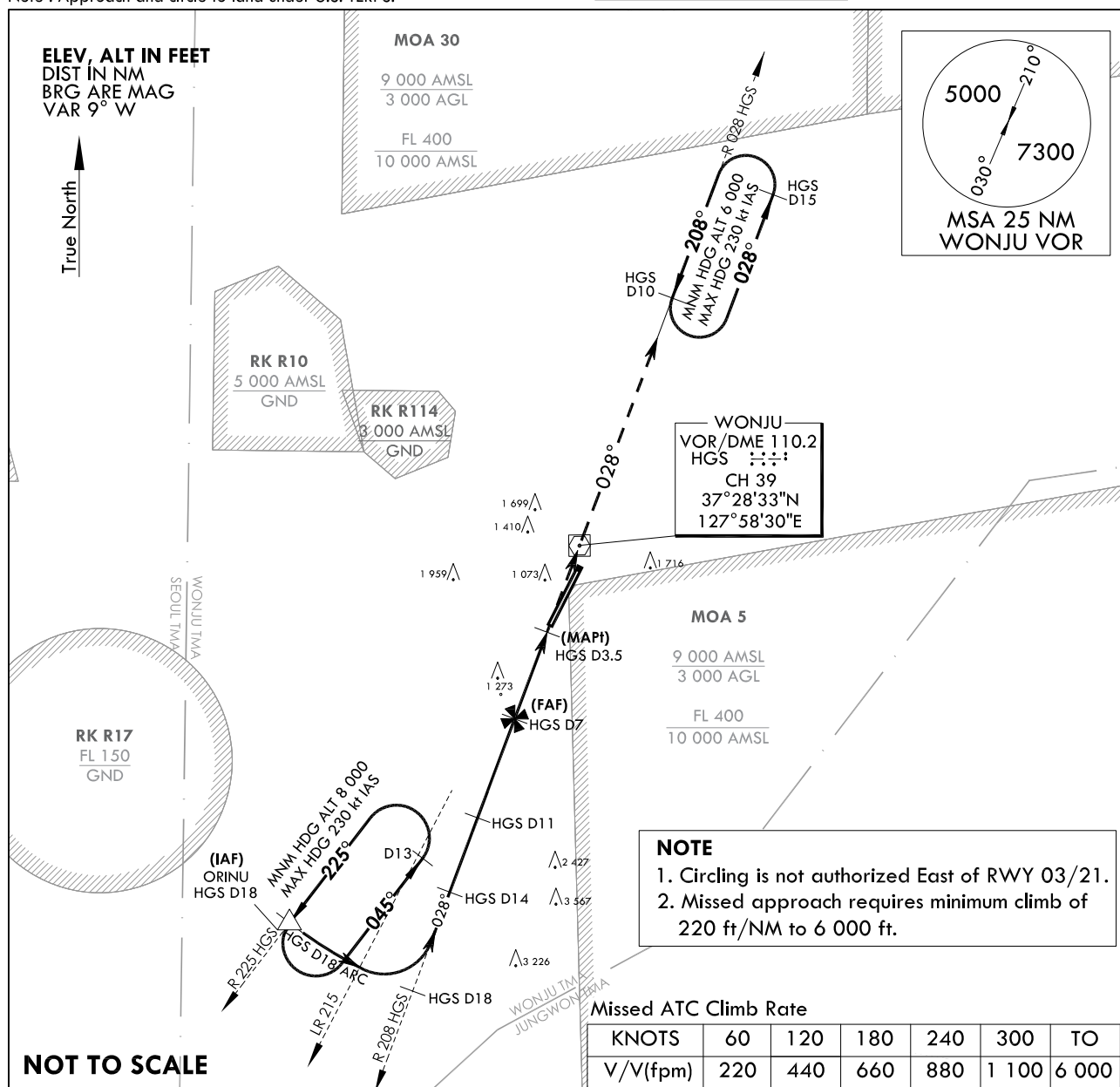
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 330 ft
HEIGHTS ELEV TDZ 325 ft

WONJU APP	130.2	234.4	255.0
WONJU TWR	265.5	118.325	236.6
	236.6	126.2	

**WONJU/Wonju (RKNW)
VOR/DME A**

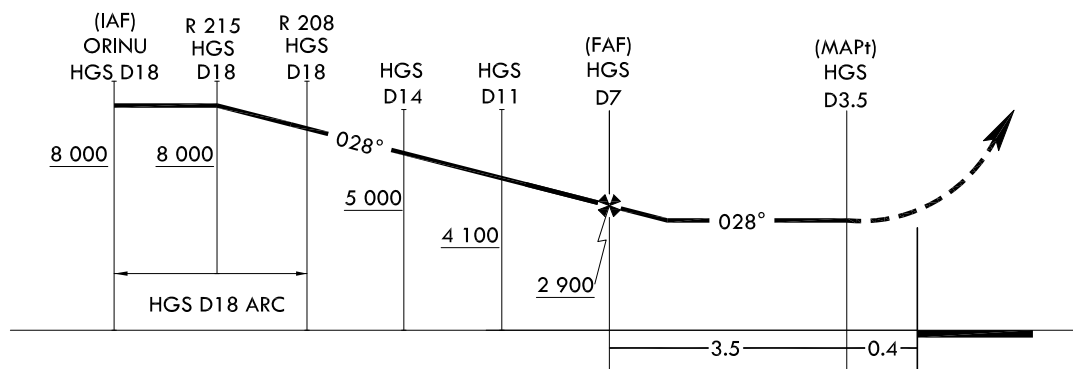
Note : Approach and circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 6 000 ft via HDG 028° to HGS and R 028 HGS to HGS 10 DME and hold, continue climb-in-hold to 6 000 ft.



CATEGORY	A	B	C	D	E
CIRCLING	1 540-1 1/4 1 210(1 300-1 1/4)	1 540-1 1/4 1 210(1 300-1 1/2)	1 780-3 1 450(1 500-3)	2 060-3 1 730(1 800-3)	N/A

* EXPANDED CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

Change : Information of fix name(GARMA → ORINU).

INTENTIONALLY

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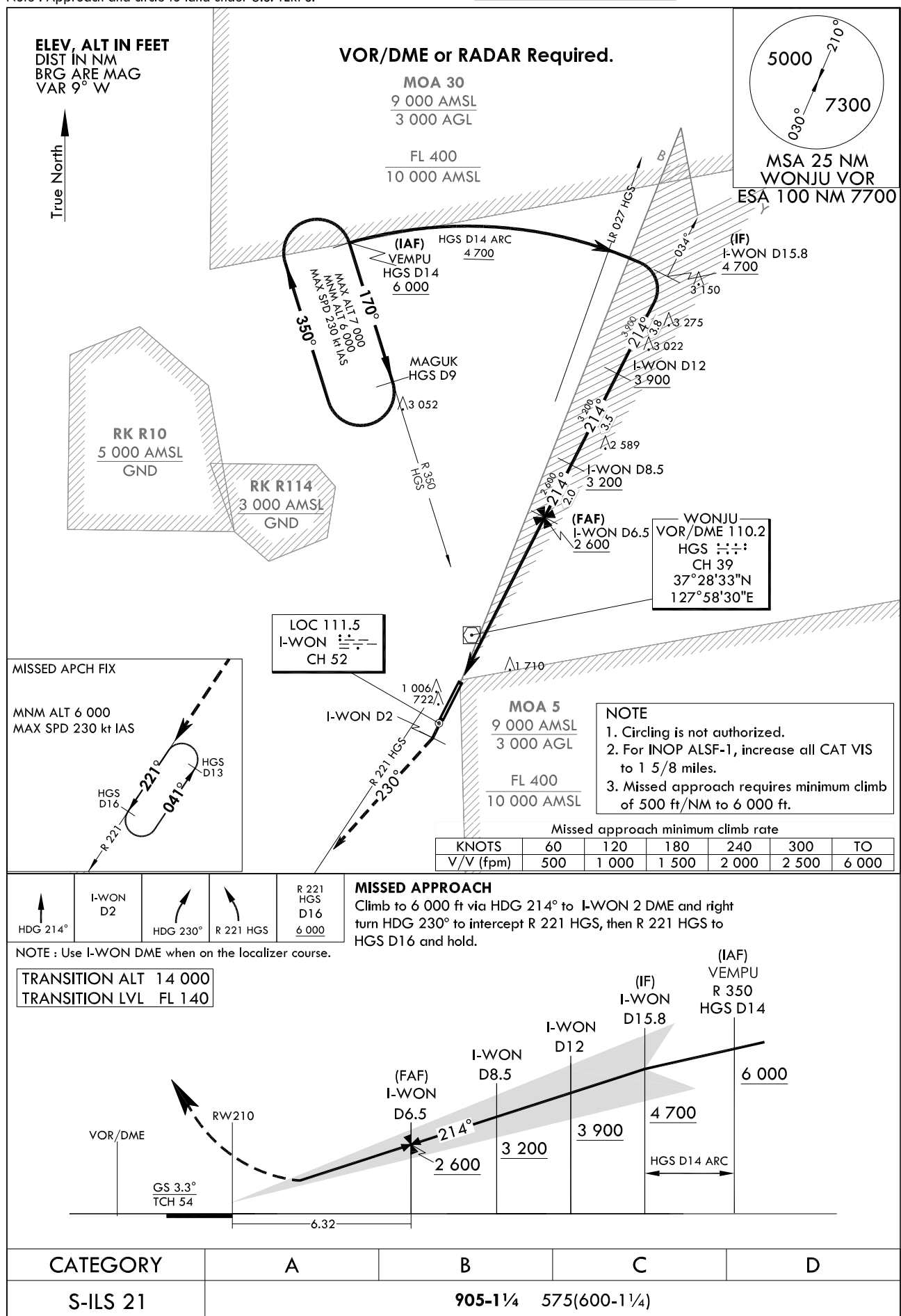
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 330 ft
HEIGHTS RELATED TO
RWY 21 ELEV TDZ 330 ft

WONJU APP	130.2	234.4	255.0
WONJU TWR	126.2	236.6	265.5

**WONJU/Wonju (RKNW)
ILS RWY 21**

Note : Approach and circle to land under U.S. TERPS.



Change : New procedure.

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Effective : 1600UTC 11 AUG 2021

INTENTIONALLY

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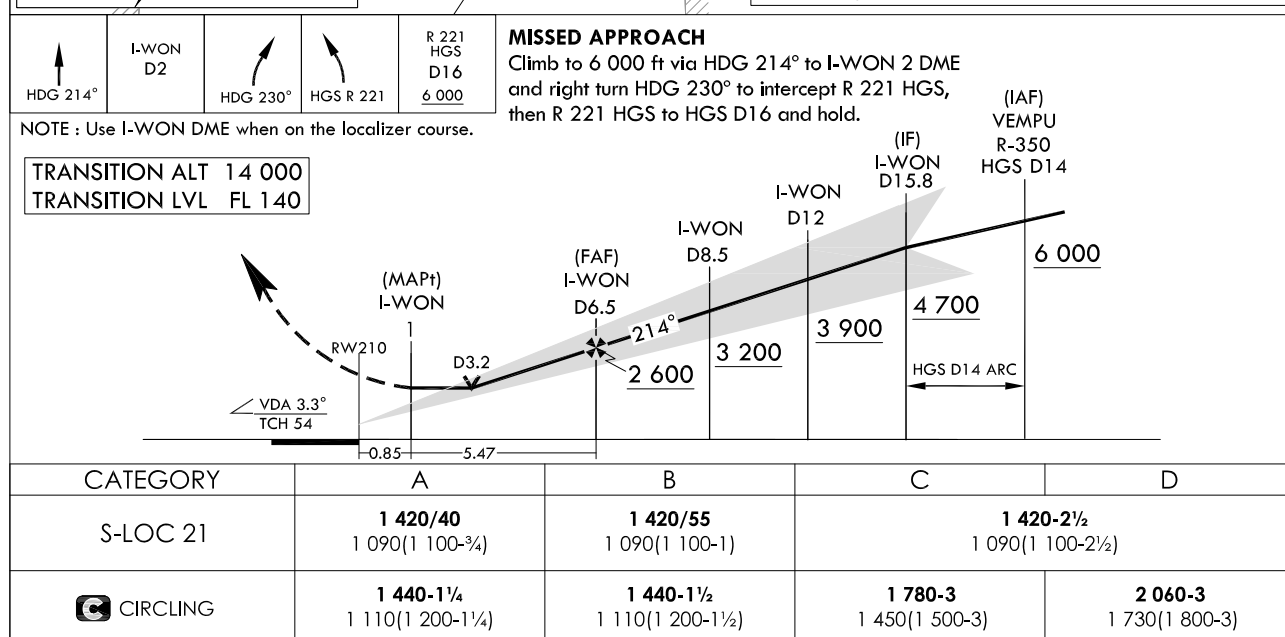
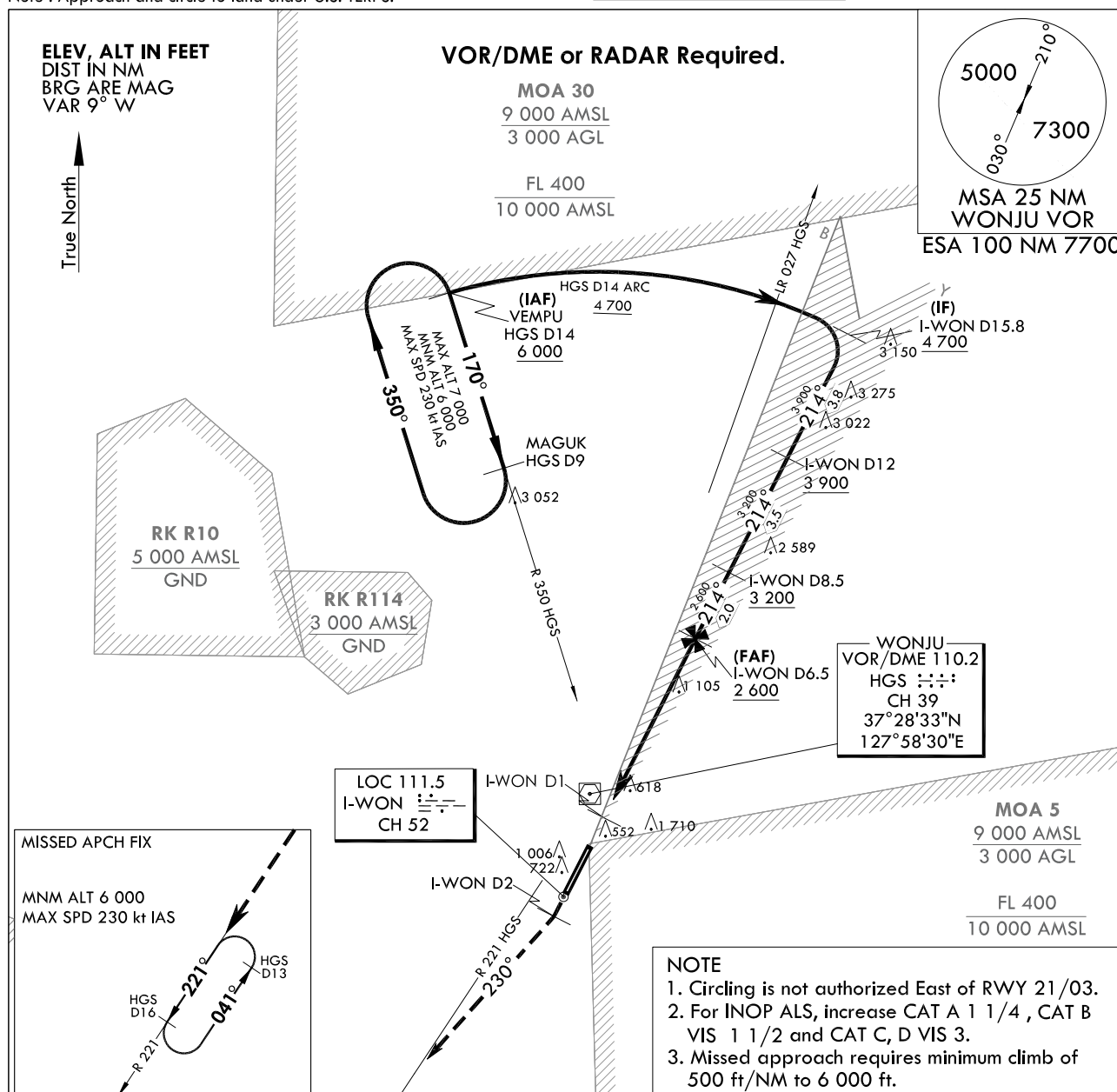
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 330 ft
HEIGHTS RELATED TO
RWY 21 ELEV TDZ 330 ft

WONJU APP	130.2	234.4	255.0
WONJU TWR	126.2	236.6	265.5

**WONJU/Wonju (RKNW)
LOC/DME RWY 21**

Note : Approach and circle to land under U.S. TERPS.



Change : Amended phrase(1/2→2 1/2).

INTENTIONALLY

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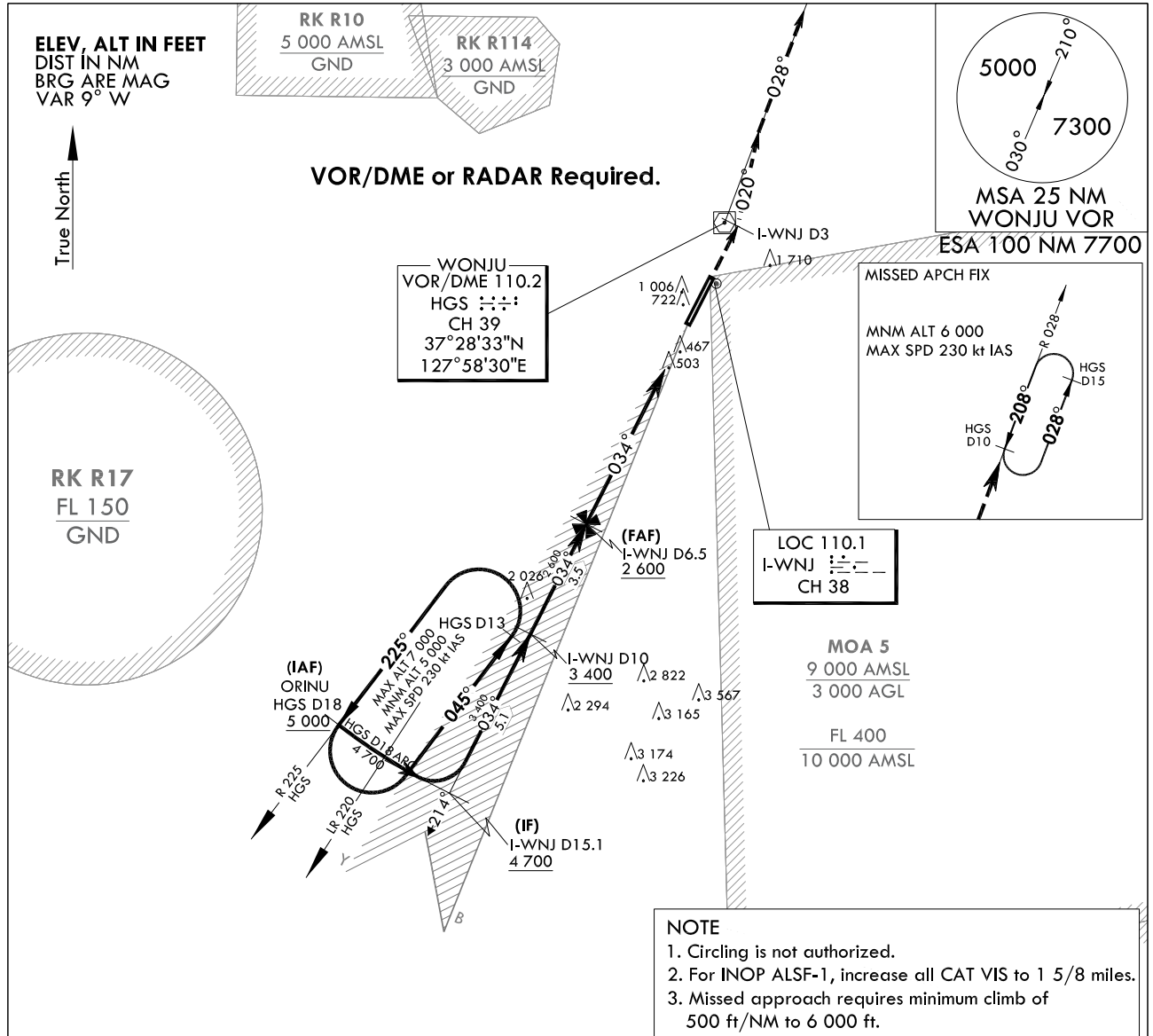
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 330 ft
HEIGHTS RELATED TO
RWY 03 ELEV TDZ 325 ft

WONJU APP	130.2
WONJU TWR	234.4 255.0
	126.2 236.6
	265.5

WONJU/Wonju (RKNW)
ILS Y RWY 03

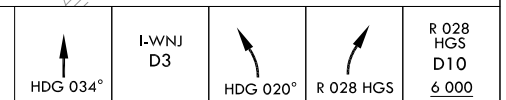
Note : Approach and circle to land under U.S. TERPS.



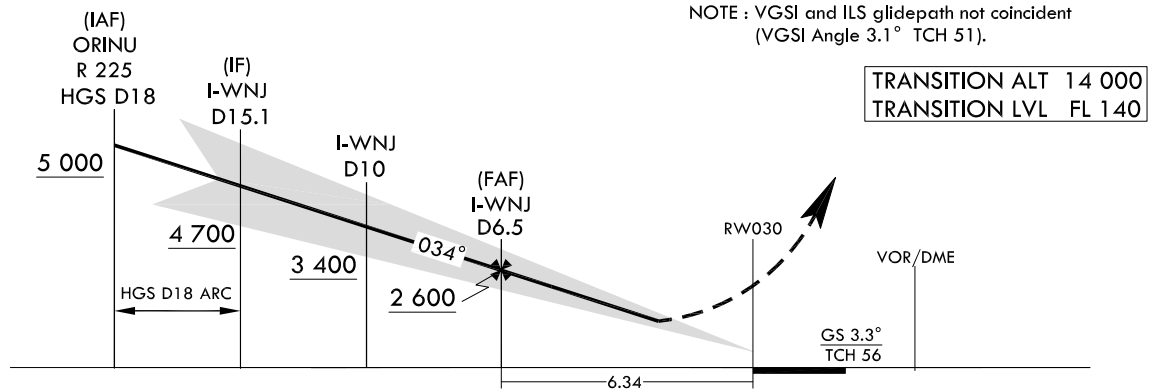
Missed approach minimum climb rate					
KNOTS	60	120	180	240	300
V/V (fpm)	500	1 000	1 500	2 000	2 500
					6 000

MISSED APPROACH

Climb to 6 000 ft via HDG 034° to I-WNJ 3 DME and left turn HDG 020° to intercept R 028 HGS, then R 028 HGS to HGS D10 and hold.



NOTE : Use I-WNJ DME when on the localizer course.
NOTE : VGSI and ILS glidepath not coincident (VGSI Angle 3.1° TCH 51).



CATEGORY	A	B	C	D
S-ILS 3		872-1¼	547(600-1¼)	

Change : Information of holding procedure.

INTENTIONALLY

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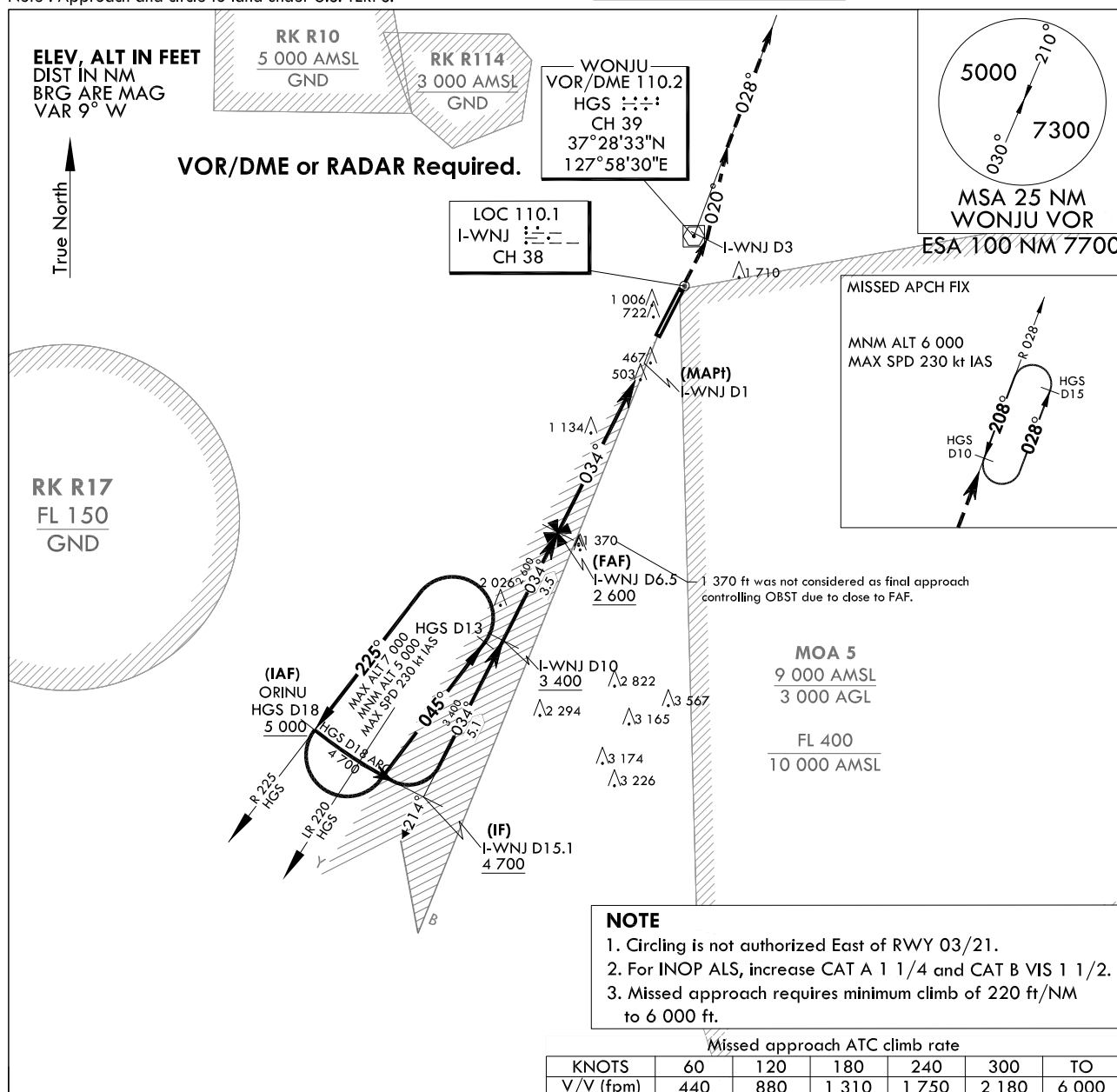
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 330 ft
HEIGHTS RELATED TO
RWY 03 ELEV TDZ **325 ft**

WONJU APP 130.2
234.4 255.0
WONJU TWR 126.2 236.6
265.5

**WONJU/Wonju (RKNW)
LOC/DME Y RWY 03**

Note : Approach and circle to land under U.S. TERPS.



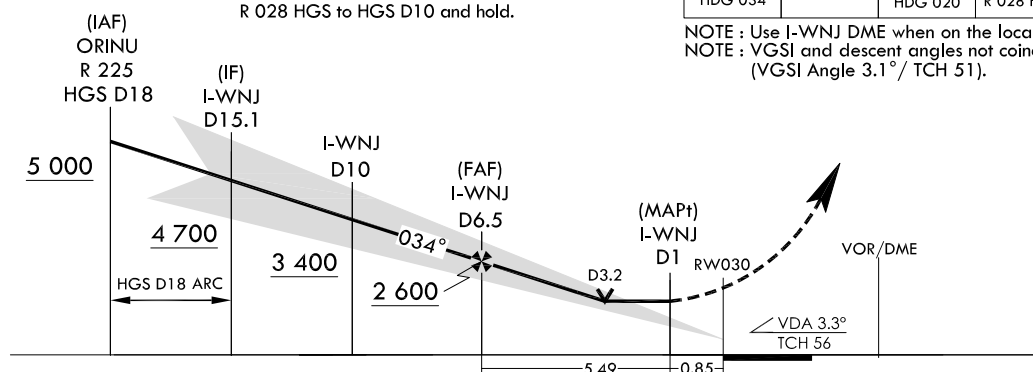
TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 6 000 ft via HDG 034° to I-WNJ 3 DME and left turn HDG 020° to intercept R 028 HGS, then R 028 HGS to HGS D10 and hold.



NOTE : Use I-WNJ DME when on the localizer course.
NOTE : VGSI and descent angles not coincident (VGSI Angle 3.1° / TCH 51).



CATEGORY	A	B	C	D
S-LOC 3	1 440/40 1 115(1 200-3/4)	1 440/55 1 115(1 200-1)	1 440-3 1 115(1 200-3)	
CIRCLING	1 440-1 1/4 1 110(1 200-1 1/4)	1 440-1 1/2 1 110(1 200-1 1/2)	1 780-3 1 450(1 500-3)	2 060-3 1 730(1 800-3)

Change : Information of holding procedure.

INTENTIONALLY

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