

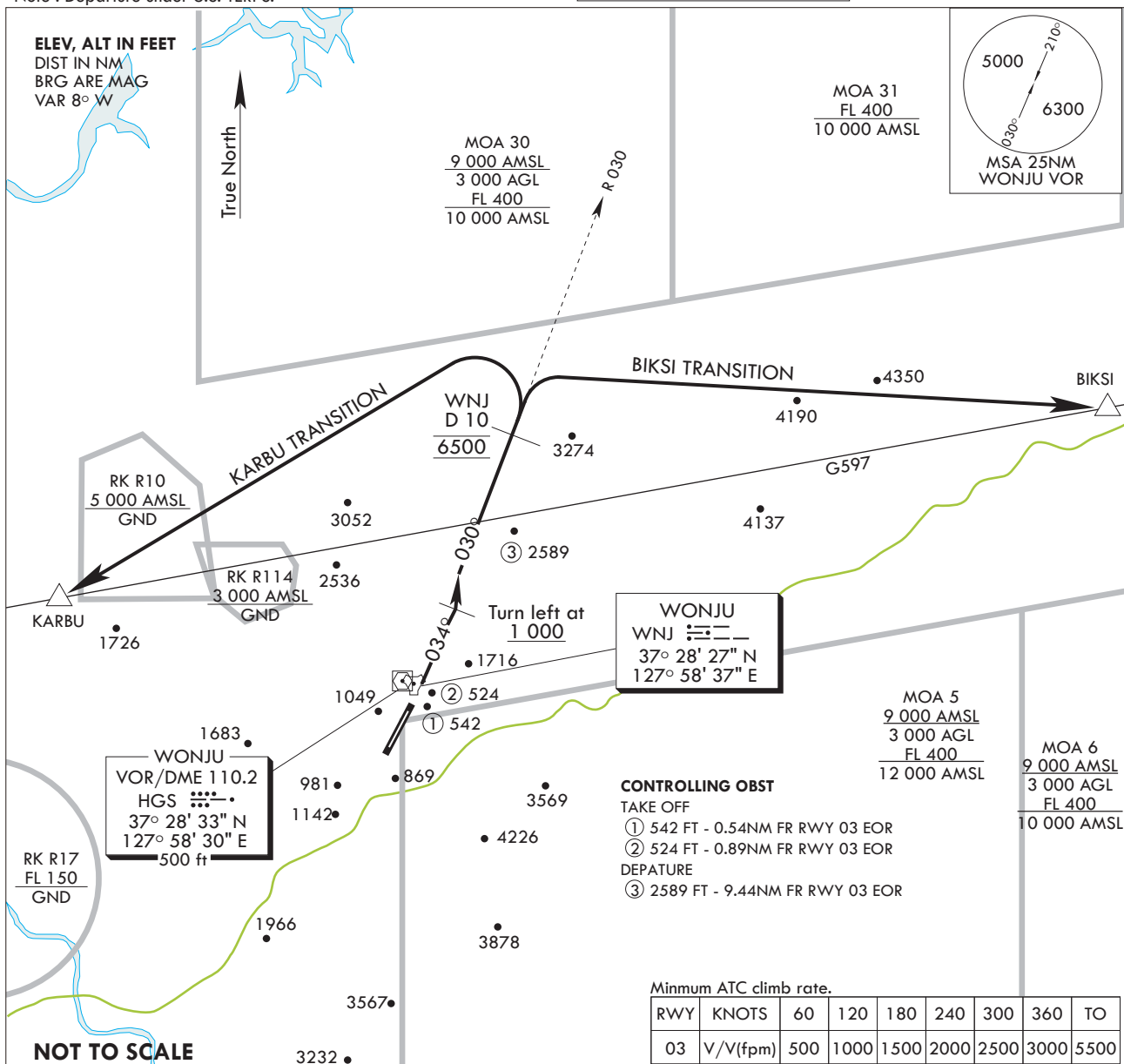
STANDARD DEPARTURE CHART
INSTRUMENT(SID)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

WONJU DEP 130.2 134.1
268.5
WONJU TWR 265.5 118.325
236.6 126.2

WONJU/Wonju(RKNW)
RWY 03
WONJU 5

Note : Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 03 : Climb heading 034° until 1000 then left turn to intercept R 030 WNJ/HGS, then track outbound R 030 WNJ/HGS and cross 10DME maintain 6500.Thence via assigned transition

KARBU TRANSITION : Proceed direct to KARBU and climb to assigned by ATC.

BIKSI TRANSITION : Proceed direct to BIKSI and climb to assigned by ATC.

Change : Fix name(JINBU → BIKSI).

INTENTIONALLY

LEFT

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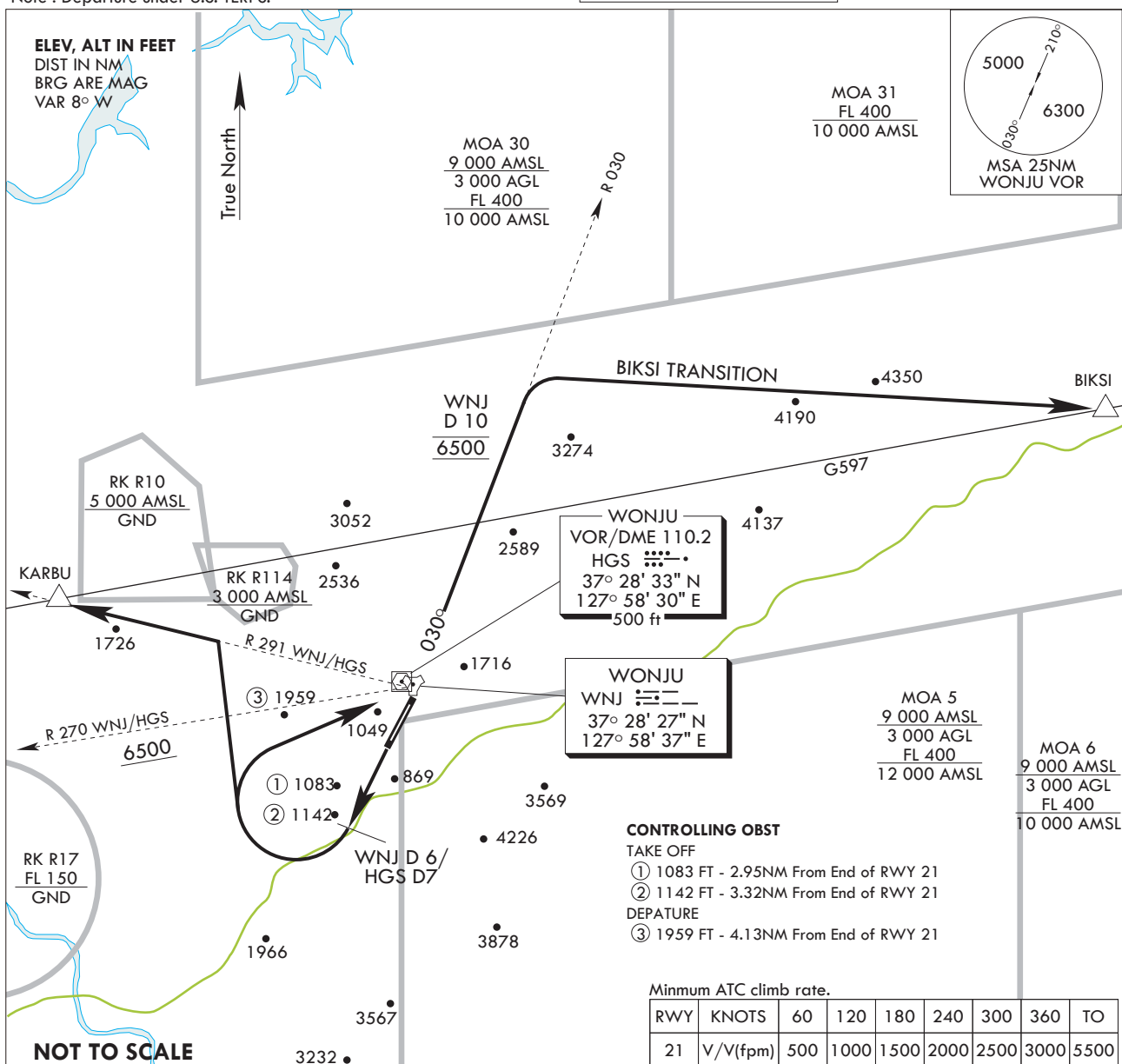
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TRANSITION LVL FL 140

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WONJU/Wonju(RKNW)
RWY 21
WONJU 6

Note : Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 21 : Climb heading 214° until WNJ 6DME / HGS 7DME thence.....

KARBU TRANSITION : Right turn heading 360 to intercept R 291 WNJ/HGS,
cross R 270 WNJ/HGS at or above 6500,
then track outbound R 291 WNJ/HGS to KARBU and climb to assigned by ATC.

BIKSI TRANSITION : Right turn and direct to WNJ TACAN / HGS VOR then track outbound
R 030 WNJ/HGS and cross 10DME maintain 6500,
then direct to BIKSI and climb to assigned by ATC.

Change : Fix name(JINBU → BIKSI).

INTENTIONALLY

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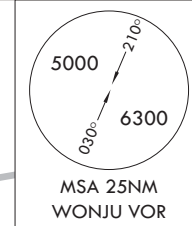
TRANSITION ALT	14 000
TRANSITION LVL	FL 140

WONJU	DEP	130.2	134.1
		268.5	
WONJU	TWR	265.5	118.325
		236.6	126.2

WONJU/Wonju(RKNW)
RWY 03/21
WONJU 1D

Minmum ATC climb rate.

RWY	KNOTS	60	120	180	240	300	360	TO
03	V/V(fpm)	490	980	1470	1960	2450	2940	5000
21	V/V(fpm)	420	840	1260	1680	2100	2520	5000

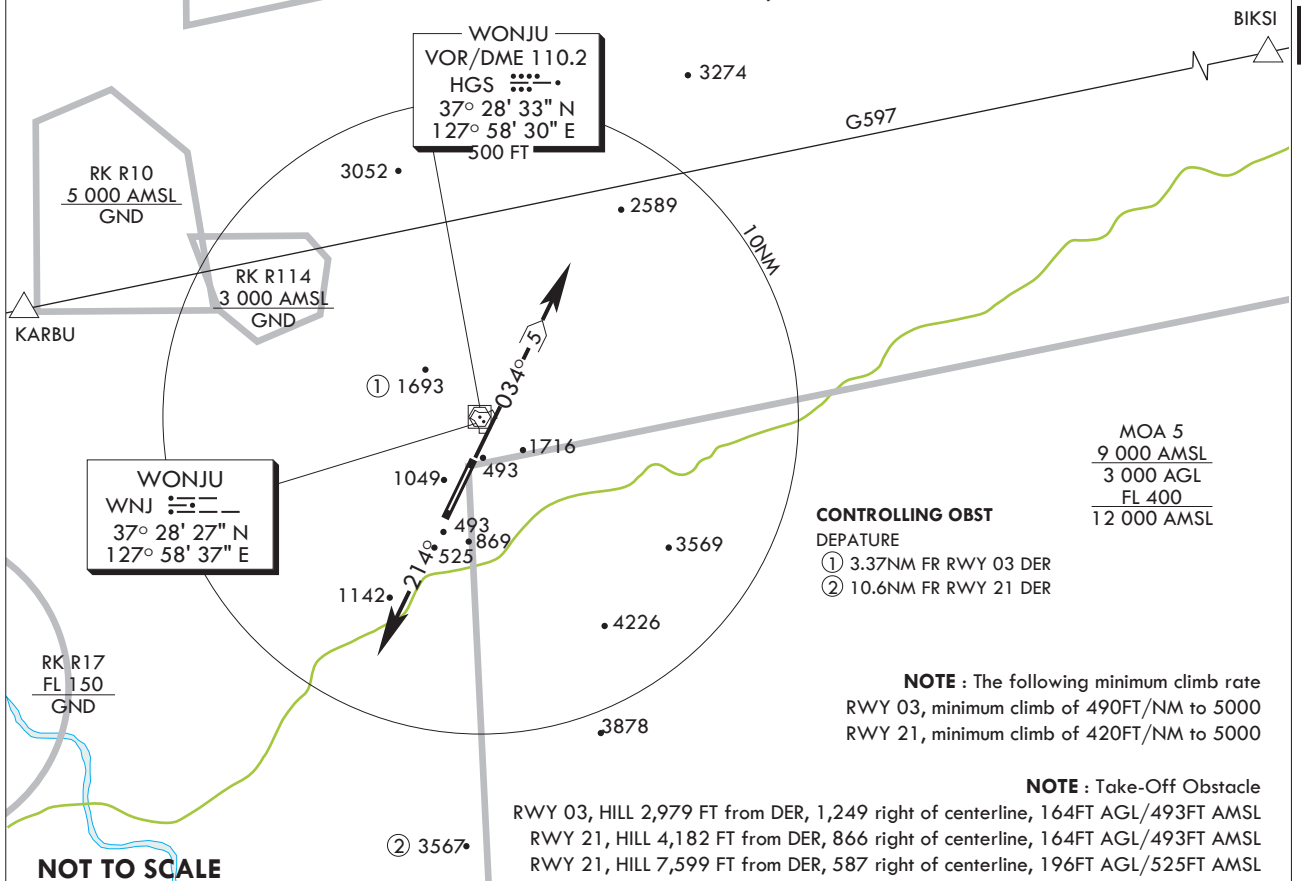


True North

$$\begin{array}{r} \text{MOA 30} \\ 9\,000 \text{ AMSL} \\ \hline 3\,000 \text{ AGL} \\ \text{FL 400} \\ \hline 10\,000 \text{ AMSL} \end{array}$$

MOA 31
FL 400
10 000 AMSL

RADAR REQUIRED



LOST COMMUNICATIONS : If radio contact is not established with departure control prior to reaching 5 000, continue climb to 7 000 before turning to filed fix/Navaid and proceed filed route and altitude.

AIRAC AIP AMDT 6/14
Effective : 1600UTC 25 JUN 2014

INTENTIONALLY

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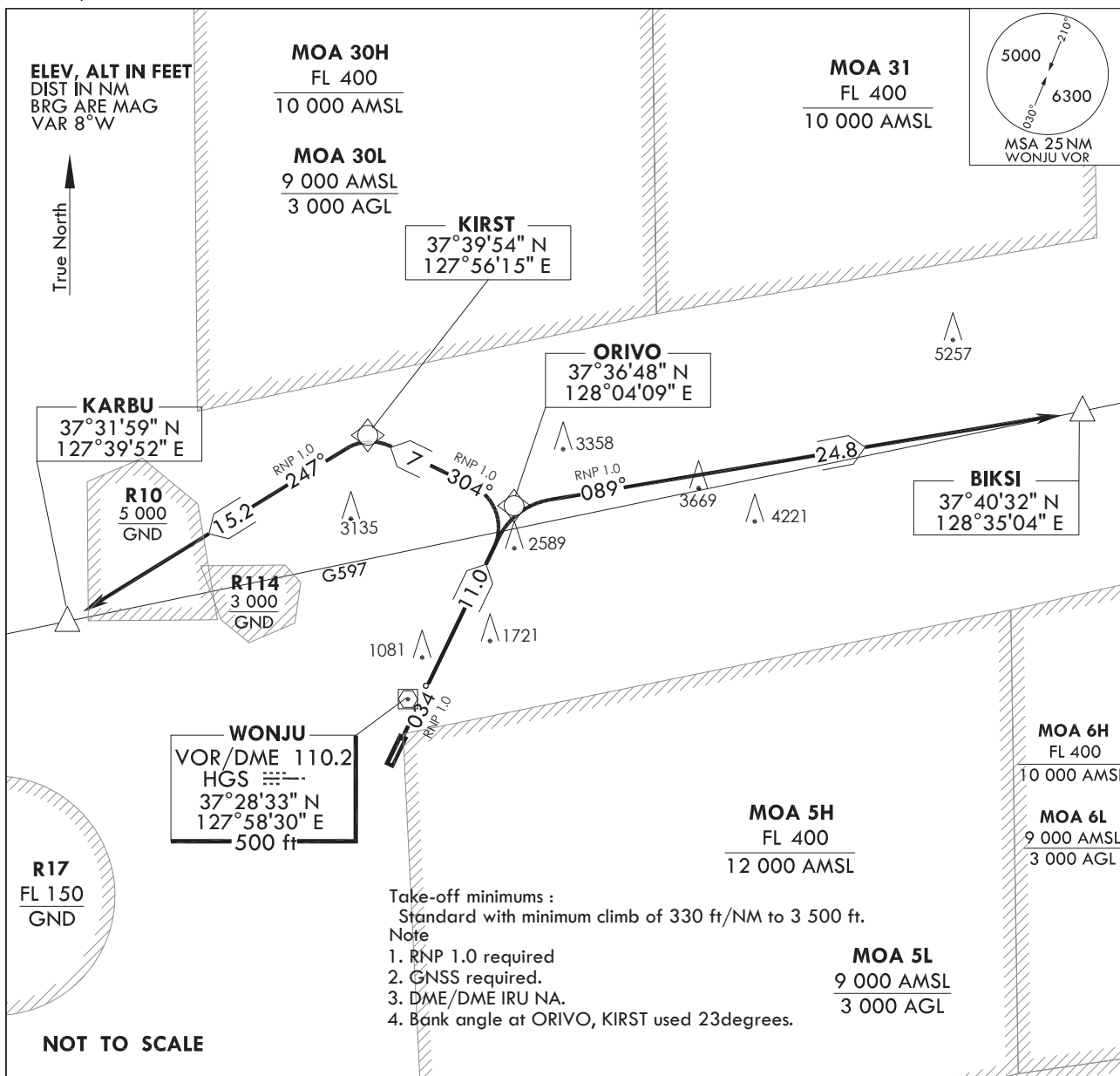
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**WONJU/wonju (RKNW)
RWY 03
RNAV(GNSS) ORIVO 1**

Note : Departure under U.S TERPS.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 03 : Climb on course 034 to ORIVO, thence....

KARBU TRANSITION

Then on track 304° to KIRST then on track 247° to cross KARBU at 6 500 ft.

BIKSI TRANSITION

Then on track 089° to cross BIKSI at 6 500 ft.

Change : New procedure.

WONJU/wonju (RKNW)
RWY 03
RNAV(GNSS) ORIVO 1

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV(GNSS) ORIVO 1 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	–	RWY 21	–	–	–	–	–	–	372656.74 N 1275802.23 E	–	RNPAPCH	–
002	CF	ORIVO	–	034(026.3)	11.0	–	–	–	373647.66 N 1280408.88 E	–	RNPAPCH	CG-330 ft /NM to 3 500

KARBU Transition

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	–	ORIVO	–	–	–	–	–	–	373647.66 N 1280408.88 E	–	RNPAPCH	–
002	TF	KIRST	–	304(296.3)	7.0	–	–	–	373953.96 N 1275614.89 E	–	RNPAPCH	–
003	TF	KARBU	–	247(238.8)	15.2	–	6 500	–	373159.00 N 1273952.00 E	–	RNPAPCH	–

BIKSI Transition

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	–	ORIVO	–	–	–	–	–	–	373647.66 N 1280408.88 E	–	RNPAPCH	–
002	TF	BIKSI	–	089(081.2)	24.8	–	6 500	–	374032.00 N 1283504.00 E	–	RNPAPCH	–

Change : New procedure.

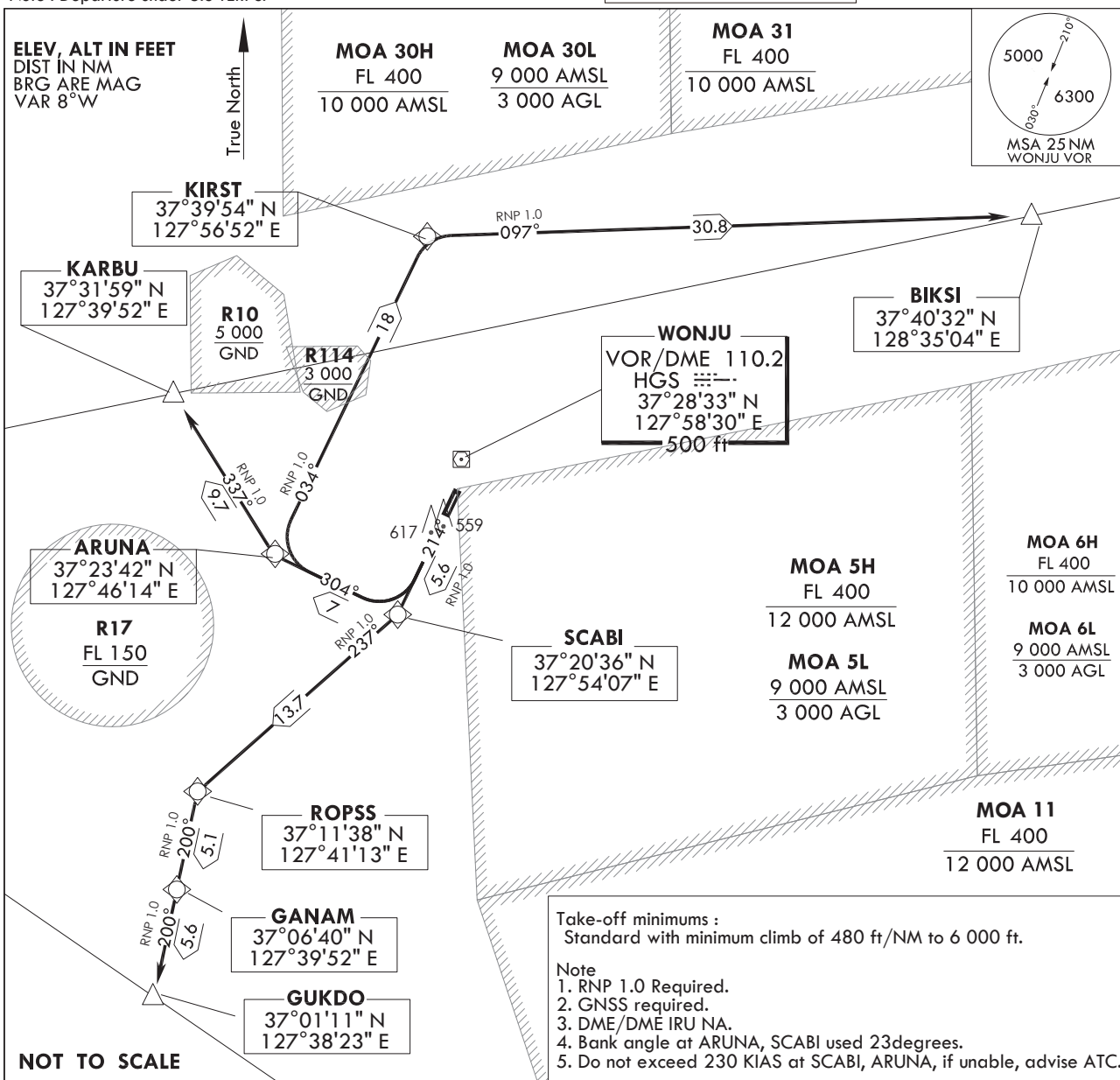
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**WONJU/wonju (RKNW)
RWY 21
RNAV(GNSS) SCABI 2**

Note : Departure under U.S TERPS.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 21 :

Climb on course 214° to SCABI, thence....

KARBU TRANSITION(SCABI 1. KARBU)

Max 230KIAS until SCABI then on track 304° to ARUNA, then on track 337° to cross KARBU at 6 500 ft.

BIKSI TRANSITION(SCABI 1. BIKSI)

Then on track 304° to ARUNA, Max 230 KIAS until ARUNA, then on track 034° to KIRST, then on track 097° to cross BIKSI at 6 500 ft.

GUKDO TRANSITION(SCABI1. GUKDO)

Then on track 237° to ROPSS, then on track 200° to GANAM, then on track 200° to cross GUKDO at 6 500 ft.

Change : New procedure.

WONJU/wonju (RKNW)
RWY 21
RNAV(GNSS) SCABI 2

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV(GNSS) SCABI 2 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	-	RWY 03	-	-	-	-	-	-	372536.98N 1275712.75E	-	RNPAPCH	-
002	CF	SCABI	-	214(206.3)	5.6	-	-	-210	372036.46N 1275406.91E	-	RNPAPCH	CG480 ft/NM to 6 000 ft

KARBU Transition

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	-	SCABI	-	-	-	-	-	-	372036.46N 1275406.91E	-	RNPAPCH	-
002	TF	ARUNA	-	304(296.2)	7.0	-	-	-	372342.07N 1274614.18E	-	RNPAPCH	CG480 ft/NM to 6 000 ft
003	TF	KARBU	-	337(328.5)	9.7	-	6 500	-	373159.00N 1273952.00E	-	RNPAPCH	-

BIKSI Transition

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	-	SCABI	-	-	-	-	-	-	372036.46N 1275406.91E	-	RNPAPCH	-
002	TF	ARUNA	-	304(296.2)	7.0	-	-	-230	372342.07N 1274614.18E	-	RNPAPCH	-
003	TF	KIRST	-	034(026.2)	18.0	-	-	-	373647.66N 1280408.88E	-	RNPAPCH	-
004	TF	BIKSI	-	089(088.6)	30.8	-	6 500	-	374032.00N 1283504.00E	-	RNPAPCH	-

GUKDO Transition

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	-	SCABI	-	-	-	-	-	-	372036.46N 1275406.91E	-	RNPAPCH	-
002	TF	ROPSS	-	237(228.9)	13.7	-	-	-	371138.00N 1274112.94E	-	RNPAPCH	CG480 ft/NM to 6 000 ft
003	TF	GANAM	-	200(192.2)	5.1	-	-	-	370640.05N 1273952.09E	-	RNPAPCH	-
004	TF	GUKDO	-	200(192.3)	5.6	-	6 500	-	370110.93N 1273822.86E	-	RNPAPCH	-

Change : New procedure.