

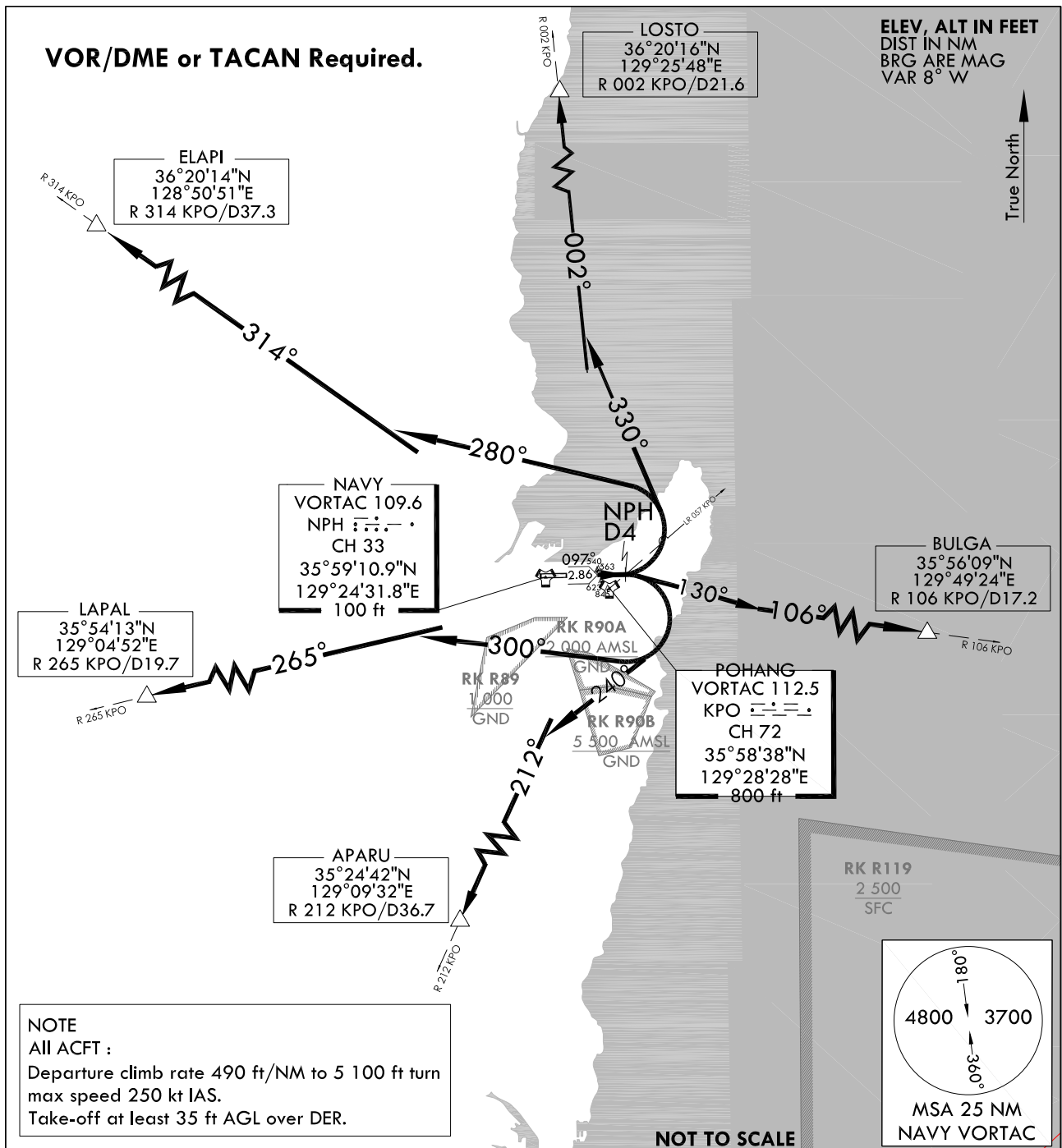
**STANDARD DEPARTURE
CHART - INSTRUMENT(SID)**

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

POHANG DEP	120.2	124.25
	232.4	
POHANG TWR	118.05	236.6
	308.5	

POHANG/Pohang Gyeongju(RKTH)
RWY 10
POHANG 3

Note : Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

POHANG 3 DEPARTURE

RWY 10 : Climb HDG 097° to NPH 4 DME or cross LR 057 KPO, then via assigned transition routes.

The following transitions are ATC assigned only : Fly to intercept for en route.

ELAPI Transition :left turn HDG 280° to intercept R 314 KPO and R 314 KPO to ELAPI.

LOSTO Transition :left turn HDG 330° to intercept R 002 KPO and R 002 KPO to LOSTO.

BULGA Transition :right turn HDG 130° to intercept R 106 KPO and R 106 KPO to BULGA.

APARU Transition :right turn HDG 240° to intercept R 212 KPO and R 212 KPO to APARU.

LAPAL Transition :right turn HDG 300° to intercept R 265 KPO and R 265 KPO to LAPAL.

Change : Information of aerodrome name(Pohang → Pohang Gyeongju).

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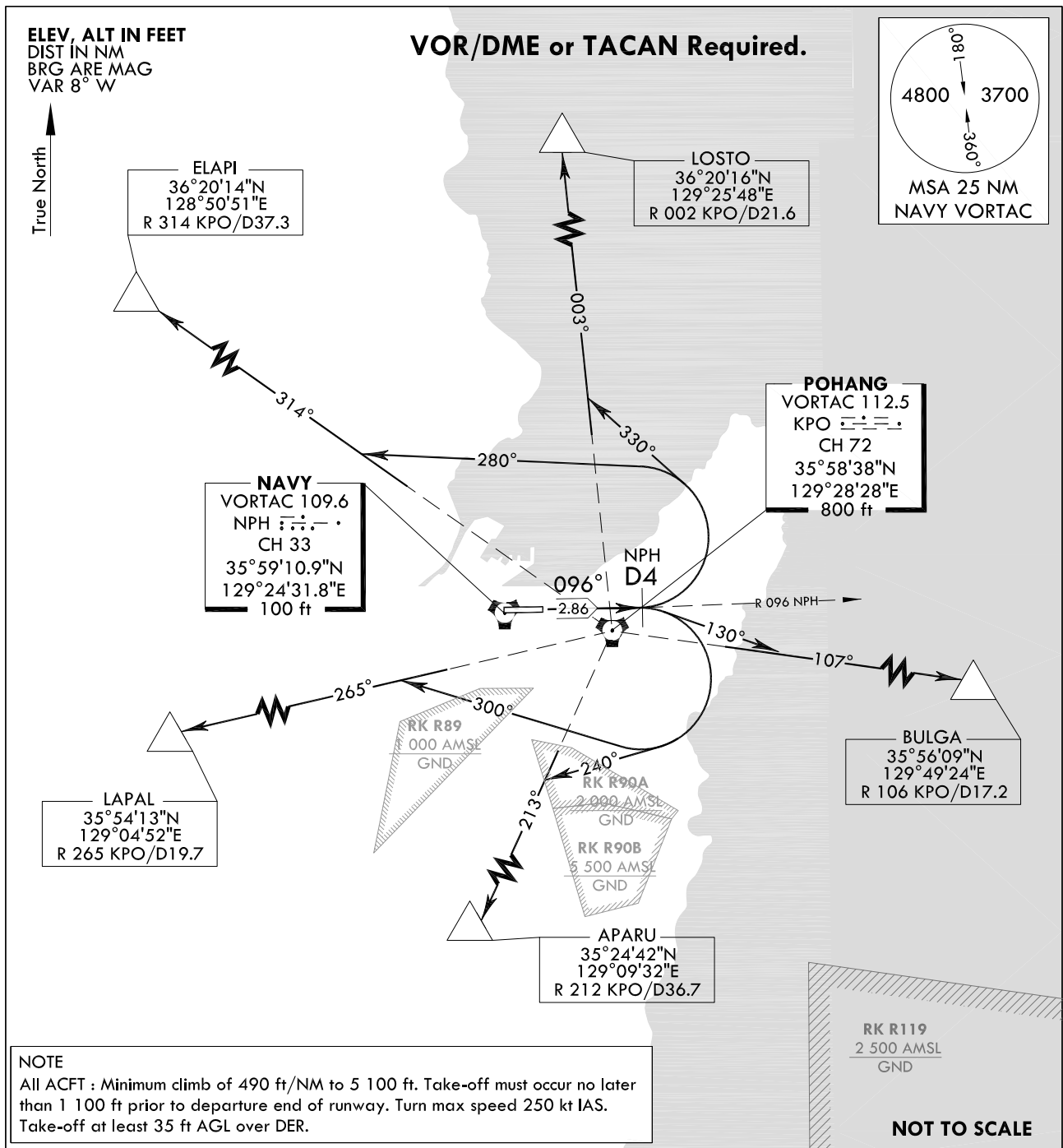
**STANDARD DEPARTURE
CHART - INSTRUMENT(SID)**

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

POHANG DEP	120.2	124.25
	232.4	
POHANG TWR	118.05	236.6
	308.5	

POHANG/Pohang Gyeongju(RKTH)
RWY 10
POHANG 5

Note : Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

POHANG 5 DEPARTURE

TAKE-OFF RWY 10 : Climb on R 096 NPH to 4 DME, thence.....
.....Climb to assigned or specified altitude via (the following transition routes).

The following transitions are ATC assigned only.

- ELAPI Transition** : Left turn HDG 280° to intercept R 314 KPO and R 314 KPO to ELAPI.
- LOSTO Transition** : Left turn HDG 330° to intercept R 003 KPO and R 003 KPO to LOSTO.
- BULGA Transition** : Right turn HDG 130° to intercept R 107 KPO and R 107 KPO to BULGA.
- APARU Transition** : Right turn HDG 240° to intercept R 213 KPO and R 213 KPO to APARU.
- LAPAL Transition** : Right turn HDG 300° to intercept R 265 KPO and R 265 KPO to LAPAL.

Change : Information of aerodrome name(Pohang → Pohang Gyeongju).

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STANDARD DEPARTURE
CHART-INSTRUMENT(SID)

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

POHANG DEP	124.25	120.2
	232.4	
POHANG TWR	118.05	236.6
	308.50	

POHANG/Pohang Gyeongju(RKTH)
RNAV(GNSS) DORTI 1
RWY 10

Note : Departure under U.S TERPS.

Take-off minimums :

RWY 10 : Standard with minimum climb of 490 ft/NM to 4 800 ft.

Take-off obstacles :

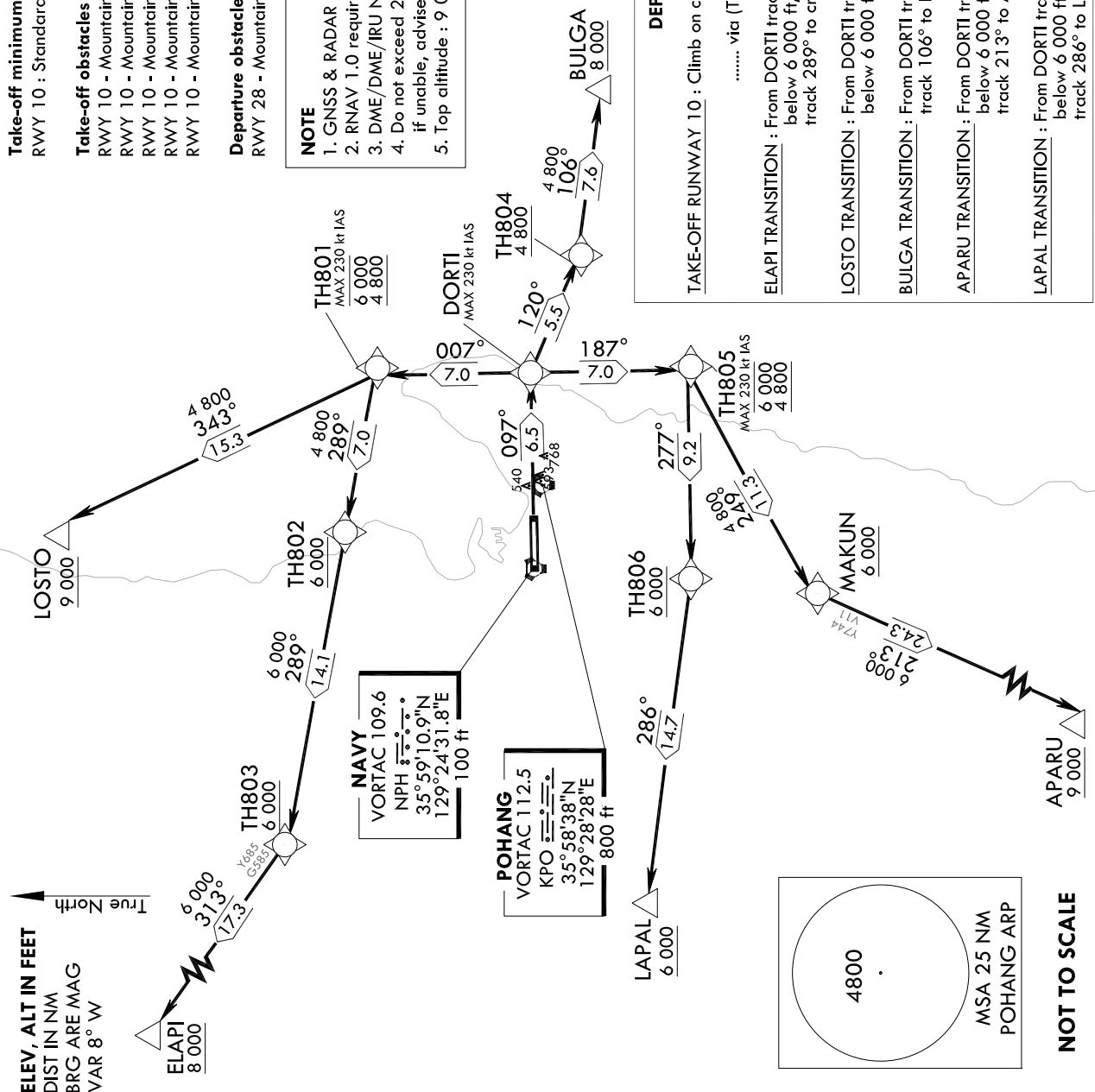
RWY 10 - Mountain 1.44 NM from DER, 1 024 ft left of centerline, 540 ft MSL.
RWY 10 - Mountain 1.63 NM from DER, 2 157 ft right of centerline, 623 ft MSL.
RWY 10 - Mountain 1.92 NM from DER, 2 677 ft right of centerline, 697 ft MSL.
RWY 10 - Mountain 2.05 NM from DER, 1 365 ft right of centerline, 722 ft MSL.
RWY 10 - Mountain 1.95 NM from DER, 1 338 ft left of centerline, 447 ft MSL.

Departure obstacles :

RWY 28 - Mountain 2.75 NM from DER, 768 ft MSL.

NOTE

1. GNSS & RADAR Required.
2. RNAV 1.0 required.
3. DME/DME/IRU N/A. (DME/DME Assessment : NOT CONDUCTED)
4. Do not exceed 230 kt IAS until TH801, TH805, if unable, advise ATC on initial contact.
5. Top altitude : 9 000 ft



Change : Information of aerodrome name(Pohang → Pohang Gyeongju).

POHANG/Pohang Gyeongju(RKTH)
RNAV(GNSS) DORTI 1
RWY 10

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV DORTI 1 - ELAPI 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	CF	DORTI	-	097(089.3)	6.5	-	-	-230	35°59'21.9"N 129°33'56.6"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
002	TF	TH801	-	007(359.3)	7.0	-	-6 000 +4 800	-230	36°06'22.7"N 129°33'50.5"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
003	TF	TH802	-	289(280.8)	7.0	-	+6 000	-	36°07'41.0"N 129°25'21.0"E	-	RNAV 1	-
004	TF	TH803	-	289(280.7)	14.1	-	+6 000	-	36°10'16.4"N 129°08'17.0"E	-	RNAV 1	-
005	TF	ELAPI	-	313(305.3)	17.3	-	+8 000	-	36°20'14.1"N 128°50'50.9"E	-	RNAV 1	-

RNAV DORTI 1 - LOSTO 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	CF	DORTI	-	097(089.3)	6.5	-	-	-230	35°59'21.9"N 129°33'56.6"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
002	TF	TH801	-	007(359.3)	7.0	-	-6 000 +4 800	-230	36°06'22.7"N 129°33'50.5"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
003	TF	LOSTO	-	343(334.9)	15.3	-	+9 000	-	36°20'15.8"N 129°25'48.3"E	-	RNAV 1	-

RNAV DORTI 1 - BULGA 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	CF	DORTI	-	097(089.3)	6.5	-	-	-230	35°59'21.9"N 129°33'56.6"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
002	TF	TH804	-	120(112.4)	5.5	-	+4 800	-	35°57'15.5"N 129°40'12.9"E	-	RNAV 1	CG 490 ft/NM to 4 800 ft
003	TF	BULGA	-	106(098.4)	7.6	-	+8 000	-	35°56'08.6"N 129°49'24.4"E	-	RNAV 1	-

RNAV DORTI 1 - APARU 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	CF	DORTI	-	097(089.3)	6.5	-	-	-230	35°59'21.9"N 129°33'56.6"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
002	TF	TH805	-	187(179.3)	7.0	-	-6 000 +4 800	-230	35°52'21.2"N 129°34'02.7"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
003	TF	MAKUN	-	249(241.2)	11.3	-	+6 000	-	35°46'53.0"N 129°21'52.8"E	-	RNAV 1	-
004	TF	APARU	-	213(204.5)	24.3	-	+9 000	-	35°24'42.1"N 129°09'32.1"E	-	RNAV 1	-

RNAV DORTI 1 - LAPAL 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	CF	DORTI	-	097(089.3)	6.5	-	-	-230	35°59'21.9"N 129°33'56.6"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
002	TF	TH805	-	187(179.3)	7.0	-	-6 000 +4 800	-230	35°52'21.2"N 129°34'02.7"E	-	RNAV 1	Bank Angle 23° CG 490 ft/NM to 4 800 ft
003	TF	TH806	-	277(269.2)	9.2	-	+6 000	-	35°52'13.2"N 129°22'47.6"E	-	RNAV 1	-
004	TF	LAPAL	-	286(277.9)	14.7	-	+6 000	-	35°54'12.6"N 129°04'52.0"E	-	RNAV 1	-

Change : Information of aerodrome name(Pohang → Pohang Gyeongju).

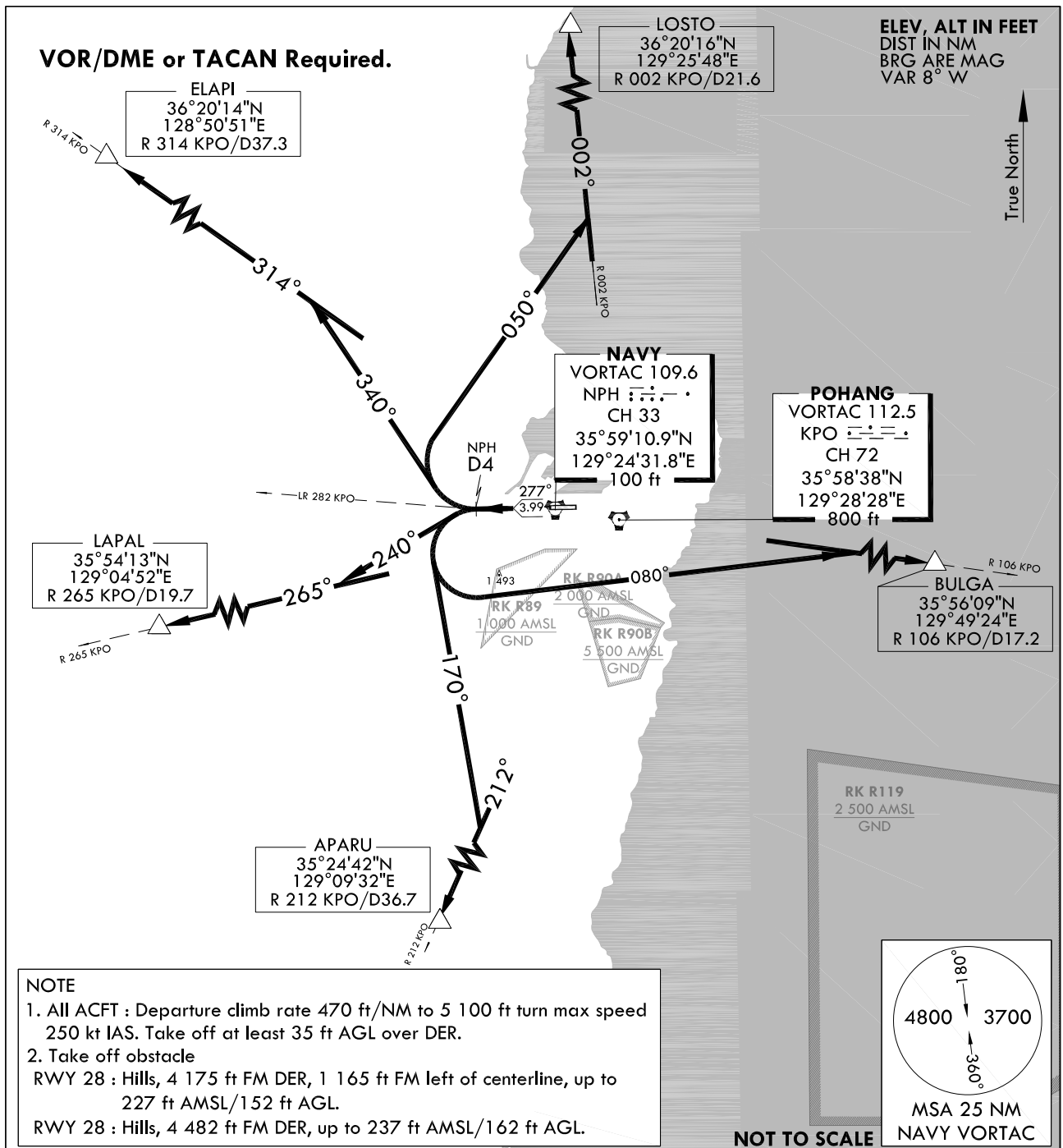
**STANDARD DEPARTURE
CHART - INSTRUMENT(SID)**

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

POHANG DEP	120.2	124.25
	232.4	
POHANG TWR	118.05	236.6
	308.5	

POHANG/Pohang Gyeongju(RKTH)
RWY 28
POHANG 4

Note : Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

POHANG 4 DEPARTURE

RWY 28 : Climb HDG 277° to NPH 4 DME or cross LR 282 KPO, then via assigned transition routes.

The following transitions are ATC assigned only : Fly to intercept for en route.

ELAPI Transition :right turn HDG 340° to intercept R 314 KPO and R 314 KPO to ELAPI.
LOSTO Transition :right turn HDG 050° to intercept R 002 KPO and R 002 KPO to LOSTO.
BULGA Transition :left turn HDG 080° to intercept R 106 KPO and R 106 KPO to BULGA.
APARU Transition :left turn HDG 170° to intercept R 212 KPO and R 212 KPO to APARU.
LAPAL Transition :left turn HDG 240° to intercept R 265 KPO and R 265 KPO to LAPAL.

Change : Information of aerodrome name(Pohang → Pohang Gyeongju).

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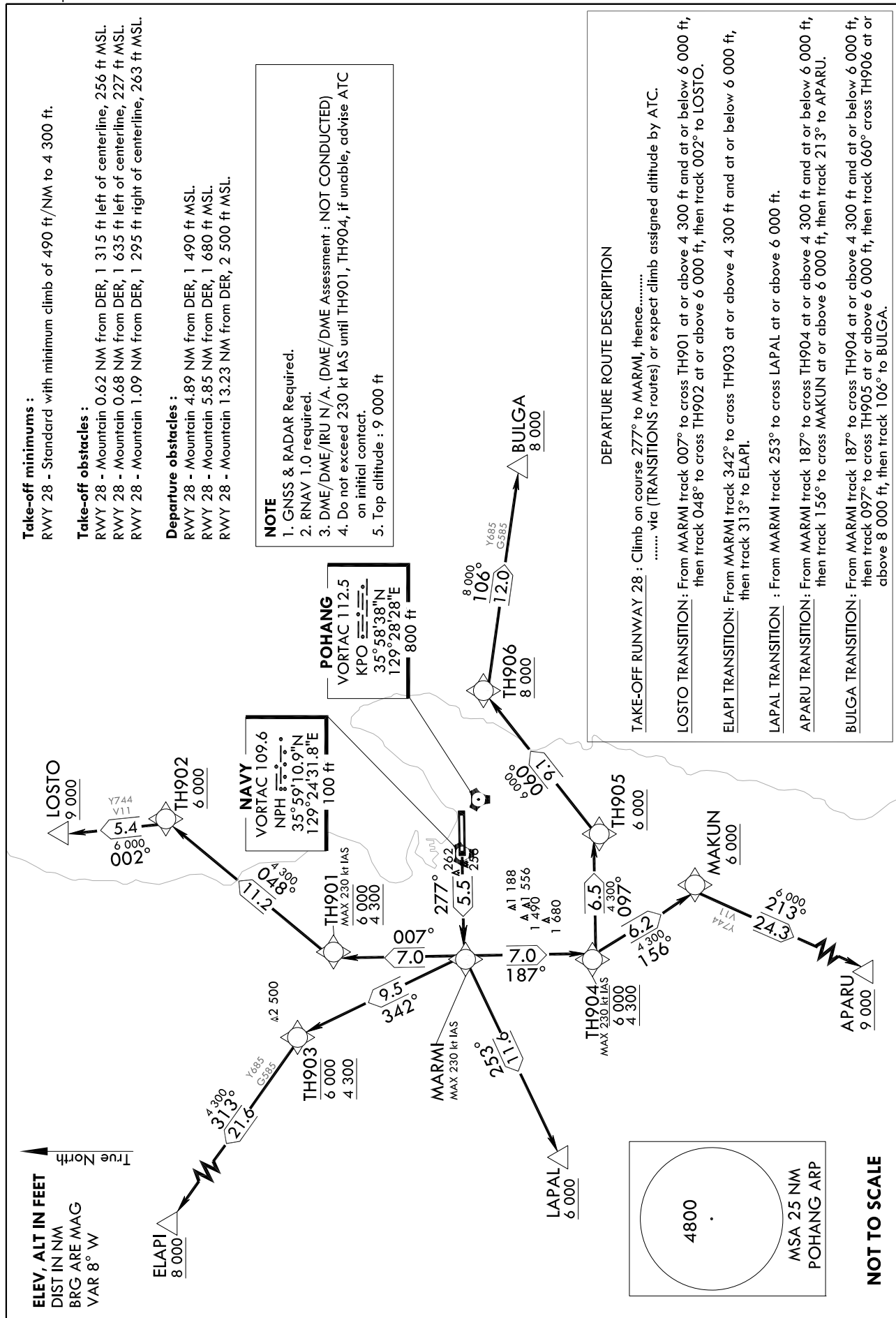
STANDARD DEPARTURE
CHART-INSTRUMENT(SID)

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

POHANG DEP	124.25	120.2
	232.4	
POHANG TWR	118.05	236.6
	308.50	

POHANG/Pohang Gyeongju(RKTH)
RNAV(GNSS) MARM 1
RWY 28

Note : Departure under U.S TERPS.



Change : Information of aerodrome name(Pohang → Pohang Gyeongju).

POHANG/Pohang Gyeongju(RKTH)
RNAV(GNSS) MARM 1
RWY 28

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV MARM 1 - LOSTO Transition										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH
001	CF	MARM	-	277(269.2)	5.5	-	-	-230	35°59'11.5"N 129°17'44.0"E	RNAV 1
002	TF	TH901	-	007(359.2)	7.0	-	-6 000 +4 300	-230	36°06'12.2"N 129°17'36.5"E	RNAV 1
003	TF	TH902	-	048(039.7)	11.2	-	+6 000	-	36°14'50.3"N 129°26'28.6"E	RNAV 1
004	TF	LOSTO	-	002(354.3)	5.4	-	+9 000	-	36°20'15.8"N 129°25'48.3"E	RNAV 1
Remarks										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
-										
-										
RNAV MARM 1 - ELAPI Transition										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH
001	CF	MARM	-	277(269.2)	5.5	-	-	-230	35°59'11.5"N 129°17'44.0"E	RNAV 1
002	TF	TH903	-	342(334.3)	9.5	-	-6 000 +4 300	-	36°07'45.8"N 129°12'39.2"E	RNAV 1
003	TF	ELAPI	-	313(305.3)	21.6	-	+8 000	-	36°20'14.1"N 128°50'50.9"E	RNAV 1
Remarks										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
CG 490 ft/NM to 4 300 ft										
-										
-										
RNAV MARM 1 - LAPAL Transition										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH
001	CF	MARM	-	277(269.2)	5.5	-	-	-230	35°59'11.5"N 129°17'44.0"E	RNAV 1
002	TF	LAPAL	-	253(244.6)	11.6	-	+6 000	-	35°54'12.6"N 129°04'52.0"E	RNAV 1
Remarks										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
CG 490 ft/NM to 4 300 ft										
RNAV MARM 1 - APARU Transition										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH
001	CF	MARM	-	277(269.2)	5.5	-	-	-230	35°59'11.5"N 129°17'44.0"E	RNAV 1
002	TF	TH904	-	187(179.2)	7.0	-	-6 000 +4 300	-230	35°52'10.8"N 129°17'51.6"E	RNAV 1
003	TF	MAKUN	-	156(148.3)	6.2	-	+6 000	-	35°46'53.0"N 129°21'52.8"E	RNAV 1
004	TF	APARU	-	213(204.5)	24.3	-	+9 000	-	35°24'42.1"N 129°09'32.1"E	RNAV 1
Remarks										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
-										
-										
RNAV MARM 1 - BULGA Transition										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH
001	CF	MARM	-	277(269.2)	5.5	-	-	-230	35°59'11.5"N 129°17'44.0"E	RNAV 1
002	TF	TH904	-	187(179.2)	7.0	-	-6 000 +4 300	-230	35°52'10.8"N 129°17'51.6"E	RNAV 1
003	TF	TH905	-	097(089.2)	6.5	-	+6 000	-	35°52'16.2"N 129°25'51.6"E	RNAV 1
004	TF	TH906	-	060(052.0)	9.1	-	+8 000	-	35°57'53.7"N 129°34'43.8"E	RNAV 1
005	TF	BULGA	-	106(098.3)	12.0	-	+8 000	-	35°56'08.6"N 129°49'24.4"E	RNAV 1
Remarks										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
Bank Angle 23° CG 490 ft/NM to 4 300 ft										
-										
-										

Change : Information of aerodrome name(Pohang → Pohang Gyeongju).