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Ministry of Land, Infrastructure and Transport
Office of Civil Aviation

11, Doum 6-ro, Sejong-si, 30103, Republic of Korea

AMENDMENT NR 7/25

26 JUN 2025

1. SIGNIFICANT INFORMATION AND CHANGES

1.1 General

- a) Information of aeronautical meteorological service charges.

1.2 Incheon INTL Airport

- a) Information of rescue equipment and item numbers.
 b) Amended airspace restrictions and chart symbol.
 c) Information of upper limit for RK R88, COP, holding procedures, SEL and OBST.
 d) Establishment of note.

1.3 Gimpo INTL Airport

- a) Information of remarks for VOR/DME unusable.
 b) Amended column of table, airspace restrictions and chart symbol.
 c) Withdrawal of fix(MUGAR).
 d) Information of SEL, OBST and upper limit for RK R88.

1.4 Gimhae INTL Airport

- a) Amended chart symbol.
 b) Information of fix(reporting requirement, IAF) and remarks.

1.5 Cheongju INTL Airport

- a) Amended chart symbol.

1.6 Yangyang INTL Airport

- a) Amended airspace restrictions.

1.7 Daegu INTL Airport

- a) Information of fix(reporting requirement, IAF).

1.8 Muan INTL Airport

- a) Information of fix(reporting requirement, IAF).

1.9 Gwangju Airport

- a) Information of fix(reporting requirement, IAF) and remarks.

1.10 Gunsan Airport

- a) Amended chart symbols.

1.11 Yeosu Airport

- a) Information of operational hours for AIS briefing office, ATS reporting office, MET briefing office and ATS.
 b) Information of operational hours for ATS airspace, Yeosu Tower and Ground.
 c) Information of fix(reporting requirement).

1.12 Wonju Airport

- a) Amended chart symbol.

1.13 Sacheon Airport

- a) Information of fix(reporting requirement, IAF) and remarks.

1.14 Ulsan Airport

- a) Information of remarks for operational hours, airport regulations and warning.
 b) Establishment of national industrial complex and note.
 c) Information of hot spot, fix(reporting requirement) and ATS airspace classification.

1.15 Seoul Airport

- a) Amended chart symbol.

1.16 Pohang Gyeongju Airport

- a) Information of operational hours for AIS briefing office and ATS reporting office(ARO).
 b) Information of fix(reporting requirement, IAF) and remarks for fix.

1.17 Uljin Airport

- a) Information of fix(reporting requirement).

2. PAGE CONTROL

2.1 Replace the old sheets with new one as follows;

OLD (Pages to be removed)	NEW (Pages to be inserted)
VOL I, Part I - GEN (General) GEN 0.3-1(29 MAY 25) / 0.3-2(29 MAY 25) GEN 0.4-1(29 MAY 25) / 0.4-2(29 MAY 25) GEN 0.4-3(29 MAY 25) / 0.4-4(29 MAY 25) GEN 0.4-5(29 MAY 25) / 0.4-6(29 MAY 25) GEN 0.4-7(29 MAY 25) / 0.4-8(29 MAY 25) GEN 0.4-9(29 MAY 25) / 0.4-10(29 MAY 25) GEN 4.2-1(28 JUL 22) / 4.2-2(28 JUL 22)	VOL I, Part I - GEN (General) GEN 0.3-1 / 0.3-226 JUN 25 GEN 0.4-1 / 0.4-226 JUN 25 GEN 0.4-3 / 0.4-426 JUN 25 GEN 0.4-5 / 0.4-626 JUN 25 GEN 0.4-7 / 0.4-826 JUN 25 GEN 0.4-9 / 0.4-1026 JUN 25 GEN 4.2-1 / 4.2-226 JUN 25
VOL II, Part III - AD (Aerodromes) RKSI AD 2-1(6 FEB 25) / 2-2(3 APR 25) AD CHART 2-28(14 NOV 24) / 2-28-1(14 NOV 24) AD CHART 2-29(12 DEC 24) / 2-29-1(12 DEC 24) AD CHART 2-30(14 NOV 24) / 2-30-1(14 NOV 24) AD CHART 2-31(14 NOV 24) / 2-31-1(14 NOV 24) AD CHART 2-32(12 DEC 24) / 2-32-1(12 DEC 24) AD CHART 2-33(14 NOV 24) / 2-33-1(14 NOV 24) AD CHART 2-34(14 NOV 24) / 2-34-1(14 NOV 24) AD CHART 2-35(14 NOV 24) / 2-35-1(14 NOV 24) AD CHART 2-36(12 DEC 24) / 2-36-1(12 DEC 24) AD CHART 2-37(14 NOV 24) / 2-37-1(14 NOV 24) AD CHART 2-38(14 NOV 24) / 2-38-1(14 NOV 24) AD CHART 2-39(14 NOV 24) / 2-39-1(14 NOV 24) AD CHART 2-40(14 NOV 24) / 2-40-1(14 NOV 24) AD CHART 2-41(14 NOV 24) / BLANK AD CHART 2-42(14 NOV 24) / 2-42-1(14 NOV 24) AD CHART 2-43(14 NOV 24) / 2-43-1(14 NOV 24) AD CHART 2-44(14 NOV 24) / 2-44-1(14 NOV 24) AD CHART 2-45(14 NOV 24) / 2-45-1(14 NOV 24) AD CHART 2-46(12 DEC 24) / 2-46-1(12 DEC 24) AD CHART 2-47(14 NOV 24) / 2-47-1(14 NOV 24) AD CHART 2-48(14 NOV 24) / 2-48-1(14 NOV 24) AD CHART 2-49(14 NOV 24) / 2-49-1(14 NOV 24) AD CHART 2-53(19 SEP 24) / 2-53-1(8 FEB 24) AD CHART 2-54(19 SEP 24) / 2-54-1(8 FEB 24) AD CHART 2-55(14 NOV 24) / 2-55-1(14 NOV 24) AD CHART 2-57(14 NOV 24) / 2-57-1(14 NOV 24) AD CHART 2-58(14 NOV 24) / 2-58-1(14 NOV 24)	VOL II, Part III - AD (Aerodromes) RKSI AD 2-1 / 2-226 JUN 25 AD CHART 2-28 / 2-28-126 JUN 25 AD CHART 2-29 / 2-29-126 JUN 25 AD CHART 2-30 / 2-30-126 JUN 25 AD CHART 2-31 / 2-31-126 JUN 25 AD CHART 2-32 / 2-32-126 JUN 25 AD CHART 2-33 / 2-33-126 JUN 25 AD CHART 2-34 / 2-34-126 JUN 25 AD CHART 2-35 / 2-35-126 JUN 25 AD CHART 2-36 / 2-36-126 JUN 25 AD CHART 2-37 / 2-37-126 JUN 25 AD CHART 2-38 / 2-38-126 JUN 25 AD CHART 2-39 / 2-39-126 JUN 25 AD CHART 2-40 / 2-40-126 JUN 25 AD CHART 2-41 / BLANK26 JUN 25 AD CHART 2-42 / 2-42-126 JUN 25 AD CHART 2-43 / 2-43-126 JUN 25 AD CHART 2-44 / 2-44-126 JUN 25 AD CHART 2-45 / 2-45-126 JUN 25 AD CHART 2-46 / 2-46-126 JUN 25 AD CHART 2-47 / 2-47-126 JUN 25 AD CHART 2-48 / 2-48-126 JUN 25 AD CHART 2-49 / 2-49-126 JUN 25 AD CHART 2-53 / 2-53-126 JUN 25 AD CHART 2-54 / 2-54-126 JUN 25 AD CHART 2-55 / 2-55-126 JUN 25 AD CHART 2-57 / 2-57-126 JUN 25 AD CHART 2-58 / 2-58-126 JUN 25

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RKTN	RKTN
AD CHART 2-15(9 JAN 25) / 2-15-1(9 JAN 25)	AD CHART 2-15 / 2-15-1 26 JUN 25
AD CHART 2-16(9 JAN 25) / 2-16-1(9 JAN 25)	AD CHART 2-16 / 2-16-1 26 JUN 25
RKJB	RKJB
AD CHART 2-11(23 SEP 21) / 2-11-1(23 SEP 21)	AD CHART 2-11 / 2-11-1 26 JUN 25
AD CHART 2-12(23 SEP 21) / 2-12-1(19 NOV 20)	AD CHART 2-12 / 2-12-1 26 JUN 25
RKJJ	RKJJ
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RKJK	RKJK
AD CHART 2-5(4 APR 24) / 2-5-1(4 APR 24)	AD CHART 2-5 / 2-5-1 26 JUN 25
AD CHART 2-6(4 APR 24) / 2-6-1(4 APR 24)	AD CHART 2-6 / 2-6-1 26 JUN 25
AD CHART 2-7(4 APR 24) / 2-7-1(4 APR 24)	AD CHART 2-7 / 2-7-1 26 JUN 25
AD CHART 2-8(4 APR 24) / 2-8-1(4 APR 24)	AD CHART 2-8 / 2-8-1 26 JUN 25
AD CHART 2-9(4 APR 24) / 2-9-1(4 APR 24)	AD CHART 2-9 / 2-9-1 26 JUN 25
AD CHART 2-10(4 APR 24) / 2-10-1(4 APR 24)	AD CHART 2-10 / 2-10-1 26 JUN 25
RKJY	RKJY
AD 2-1(29 MAY 25) / 2-2(29 MAY 25)	AD 2-1 / 2-2 26 JUN 25
AD 2-7(29 MAY 25) / 2-8(29 MAY 25)	AD 2-7 / 2-8 26 JUN 25
AD CHART 2-12(1 JUN 23) / 2-12-1(1 JUN 23)	AD CHART 2-12 / 2-12-1 26 JUN 25
AD CHART 2-13(9 JAN 25) / 2-13-1(9 JAN 25)	AD CHART 2-13 / 2-13-1 26 JUN 25
RKNW	RKNW
AD CHART 2-10(6 APR 23) / 2-10-1(6 APR 23)	AD CHART 2-10 / 2-10-1 26 JUN 25
AD CHART 2-11(6 APR 23) / 2-11-1(6 APR 23)	AD CHART 2-11 / 2-11-1 26 JUN 25
AD CHART 2-12(6 APR 23) / 2-12-1(24 SEP 20)	AD CHART 2-12 / 2-12-1 26 JUN 25
AD CHART 2-13(14 DEC 23) / 2-13-1(24 SEP 20)	AD CHART 2-13 / 2-13-1 26 JUN 25
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AD CHART 2-15(6 APR 23) / 2-15-1(25 AUG 22)	AD CHART 2-15 / 2-15-1 26 JUN 25
AD CHART 2-16(6 APR 23) / 2-16-1(25 AUG 22)	AD CHART 2-16 / 2-16-1 26 JUN 25
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AD CHART 2-10-2(1 JUN 23) / 2-10-3(1 JUN 23)	AD CHART 2-10-2 / 2-10-3 26 JUN 25
AD CHART 2-11(24 AUG 23) / 2-11-1(24 AUG 23)	AD CHART 2-11 / 2-11-1 26 JUN 25

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RKPU AD 2-1(29 MAY 25) / 2-2(29 MAY 25) AD 2-7(29 MAY 25) / 2-8(29 MAY 25) AD 2-11(29 MAY 25) / 2-12(29 MAY 25) AD CHART 2-1(29 MAY 25) / 2-2(29 MAY 25) AD CHART 2-10(23 SEP 21) / 2-10-1(23 SEP 21) AD CHART 2-11(23 SEP 21) / 2-11-1(8 APR 21) AD CHART 2-19(29 MAY 25) / 2-20(29 MAY 25) RKSM AD CHART 2-11(19 SEP 24) / 2-11-1(19 SEP 24) AD CHART 2-12(19 SEP 24) / 2-12-1(19 SEP 24) AD CHART 2-13(19 SEP 24) / 2-13-1(19 SEP 24) AD CHART 2-14(19 SEP 24) / 2-14-1(19 SEP 24) AD CHART 2-15(19 SEP 24) / 2-15-1(19 SEP 24) AD CHART 2-16(19 SEP 24) / 2-16-1(19 SEP 24) AD CHART 2-17(19 SEP 24) / 2-17-1(19 SEP 24) AD CHART 2-18(19 SEP 24) / 2-18-1(19 SEP 24) AD CHART 2-19(19 SEP 24) / 2-19-1(19 SEP 24) AD CHART 2-20(19 SEP 24) / 2-20-1(19 SEP 24) AD CHART 2-21(19 SEP 24) / 2-21-1(19 SEP 24) AD CHART 2-22(19 SEP 24) / 2-22-1(19 SEP 24) AD CHART 2-23(19 SEP 24) / 2-23-1(19 SEP 24) AD CHART 2-24(19 SEP 24) / 2-24-1(19 SEP 24) AD CHART 2-25(19 SEP 24) / 2-25-1(19 SEP 24) AD CHART 2-26(19 SEP 24) / 2-26-1(19 SEP 24) AD CHART 2-27(19 SEP 24) / 2-27-1(19 SEP 24) AD CHART 2-28(19 SEP 24) / 2-28-1(19 SEP 24) AD CHART 2-29(19 SEP 24) / 2-29-1(19 SEP 24) AD CHART 2-30(19 SEP 24) / 2-30-1(19 SEP 24) AD CHART 2-31(19 SEP 24) / 2-31-1(19 SEP 24) AD CHART 2-32(19 SEP 24) / 2-32-1(19 SEP 24) AD CHART 2-33(19 SEP 24) / 2-33-1(19 SEP 24) AD CHART 2-34(19 SEP 24) / 2-34-1(19 SEP 24) AD CHART 2-35(19 SEP 24) / 2-35-1(19 SEP 24) RKTH AD 2-1(17 OCT 24) / 2-2(17 OCT 24) AD CHART 2-8(2 JUN 22) / 2-8-1(2 JUN 22) AD CHART 2-9(2 JUN 22) / 2-9-1(2 JUN 22) RKTL AD CHART 2-14(27 JUL 23) / 2-14-1(27 JUL 23) AD CHART 2-15(27 JUL 23) / 2-15-1(22 SEP 22) AD CHART 2-16(21 SEP 23) / 2-16-1(21 SEP 23) AD CHART 2-17(27 JUL 23) / 2-17-1(22 SEP 22)	RKPU AD 2-1 / 2-2 26 JUN 25 AD 2-7 / 2-8 26 JUN 25 AD 2-11 / 2-12 26 JUN 25 AD CHART 2-1 / 2-2 26 JUN 25 AD CHART 2-10 / 2-10-1 26 JUN 25 AD CHART 2-11 / 2-11-1 26 JUN 25 AD CHART 2-19 / 2-20 26 JUN 25 RKSM AD CHART 2-11 / 2-11-1 26 JUN 25 AD CHART 2-12 / 2-12-1 26 JUN 25 AD CHART 2-13 / 2-13-1 26 JUN 25 AD CHART 2-14 / 2-14-1 26 JUN 25 AD CHART 2-15 / 2-15-1 26 JUN 25 AD CHART 2-16 / 2-16-1 26 JUN 25 AD CHART 2-17 / 2-17-1 26 JUN 25 AD CHART 2-18 / 2-18-1 26 JUN 25 AD CHART 2-19 / 2-19-1 26 JUN 25 AD CHART 2-20 / 2-20-1 26 JUN 25 AD CHART 2-21 / 2-21-1 26 JUN 25 AD CHART 2-22 / 2-22-1 26 JUN 25 AD CHART 2-23 / 2-23-1 26 JUN 25 AD CHART 2-24 / 2-24-1 26 JUN 25 AD CHART 2-25 / 2-25-1 26 JUN 25 AD CHART 2-26 / 2-26-1 26 JUN 25 AD CHART 2-27 / 2-27-1 26 JUN 25 AD CHART 2-28 / 2-28-1 26 JUN 25 AD CHART 2-29 / 2-29-1 26 JUN 25 AD CHART 2-30 / 2-30-1 26 JUN 25 AD CHART 2-31 / 2-31-1 26 JUN 25 AD CHART 2-32 / 2-32-1 26 JUN 25 AD CHART 2-33 / 2-33-1 26 JUN 25 AD CHART 2-34 / 2-34-1 26 JUN 25 AD CHART 2-35 / 2-35-1 26 JUN 25 RKTH AD 2-1 / 2-2 26 JUN 25 AD CHART 2-8 / 2-8-1 26 JUN 25 AD CHART 2-9 / 2-9-1 26 JUN 25 RKTL AD CHART 2-14 / 2-14-1 26 JUN 25 AD CHART 2-15 / 2-15-1 26 JUN 25 AD CHART 2-16 / 2-16-1 26 JUN 25 AD CHART 2-17 / 2-17-1 26 JUN 25

END

GEN 0.3 RECORD OF AIP SUPPLEMENT

1. Current AIP Supplement

NR/Year	Subject	AIP Section(s) affected	Period of validity (From/To)	Cancellation record
23/10	Requirement for Overflight Permission	GEN	-	
2/23	Incheon AP - Temporary Obstacle Erected	AD	8 FEB 23 / 31 DEC 25	
8/23	Gimpo AP - Temporary Obstacles Erected	AD	31 MAY 23 / 30 SEP 25	
11/23	ENR - Temporary Drone Special Areas Established	ENR	30 JUN 23 / 30 JUN 25	
9/24	Incheon AP - Temporary Obstacle Erected	AD	7 FEB 24 / 31 OCT 25	
17/24	Gimpo AP - Temporary Obstacles Erected	AD	3 APR 24 / 31 DEC 25	
19/24	Gimpo AP - Temporary Obstacles Erected	AD	2 MAY 24 / 30 JUL 25	
27/24	Gimpo AP - Temporary Obstacles Erected	AD	31 MAY 24 / 31 AUG 26	
40/24	Gimpo AP - Temporary Obstacles Erected	AD	21 AUG 24 / 10 FEB 26	
41/24	Gimpo AP - Temporary Obstacles Erected	AD	31 AUG 24 / 30 AUG 25	
47/24	Gimpo AP - Temporary Obstacles Erected	AD	18 SEP 24 / 31 DEC 25	
48/24	Gimpo AP - Temporary Obstacles Erected	AD	30 SEP 24 / 31 AUG 25	
50/24	Ulsan AP - Temporary Obstacle Erected	AD	1 OCT 24 / 28 FEB 26	
62/24	Incheon AP - Temporary Obstacles Erected	AD	6 OCT 24 / 30 AUG 25	
66/24	Incheon AP - Temporary Obstacles Erected	AD	14 NOV 24 / 30 NOV 25	
67/24	Incheon AP - Temporary Obstacles Erected	AD	14 NOV 24 / 31 DEC 25	
68/24	Gimpo AP - Temporary Obstacles Erected	AD	13 NOV 24 / 10 FEB 26	
73/24	Incheon AP, Gimpo AP - Trial Operation of Re-categorization (RECAT) Wake Turbulence Separation Minima within Seoul TMA	AD	14 DEC 24 / 15 DEC 25	
75/24	Incheon AP - Temporary Obstacles Erected	AD	12 DEC 24 / 31 OCT 25	
76/24	Gimpo AP - Temporary Obstacles Erected	AD	11 DEC 24 / 31 JAN 26	
80/24	Ulsan AP - Temporary Obstacles Erected	AD	17 NOV 24 / 31 JAN 26	
1/25	ENR - Temporary Restricted Areas Established	ENR	31 DEC 24 / 31 DEC 25	
4/25	Incheon AP - Temporary Obstacle Erected	AD	11 JAN 25 / 30 SEP 25	
5/25	Gimpo AP - Temporary Obstacle Erected	AD	8 JAN 25 / 30 NOV 25	
8/25	Gimpo AP - Temporary Obstacle Erected	AD	28 FEB 25 / 28 FEB 26	
9/25	Jeju AP - H-BEAM Structure Exists	AD	5 FEB 25 / 31 DEC 25	
10/25	Gimhae AP - Concrete Structures Exist	AD	5 FEB 25 / 31 DEC 25	
11/25	Gwangju AP - Mound and Concrete Structure Exists	AD	5 FEB 25 / 31 DEC 25	
12/25	Yeosu AP - Mound and Concrete Structure Exists	AD	5 FEB 25 / 31 DEC 25	
13/25	Sacheon AP - Concrete Structures Exist	AD	5 FEB 25 / 31 DEC 25	
14/25	Pohang Gyeongju AP - Mound and Concrete Structure Exists	AD	5 FEB 25 / 31 DEC 25	
18/25	Gimpo AP - Temporary Obstacles Erected	AD	5 MAR 25 / 31 JAN 26	
20/25	Muan AP - Change of TWY E1 Center Line Marking and Right Edge Marking & Right Edge Light	AD	18 SEP 24 / 2 OCT 25	
21/25	Muan AP - 180° Turning Marking on RWY 19	AD	18 SEP 24 / 2 OCT 25	
22/25	Muan AP - Temporary Security Fence and Temporary Obstacles Erected	AD	11 DEC 24 / 29 AUG 25	
34/25	Incheon AP - Temporary Obstacle Erected	AD	9 JAN 25 / 30 JUN 25	
37/25	Gimpo AP - Temporary Obstacle Erected	AD	14 APR 25 / 30 APR 26	
38/25	Jeongseok AP - Unserviceability of LOC for RWY 01	AD	2 APR 25 / 31 JUL 25	
42/25	Gimpo AP - Temporary Obstacles Erected	AD	30 APR 25 / 31 JUL 26	
49/25	Incheon AP - Incheon INTL Airport under Maintenance of VDGS Service for Concourse	AD	3 FEB 25 / 28 MAR 26	
50/25	Incheon AP - Temporary Obstacles Erected	AD	1 JUN 25 / 30 SEP 25	
51/25	Muan AP - Unserviceability of Muan Radar	AD	16 MAR 24 / 31 DEC 25	
55/25	Incheon AP - Incheon INTL Airport A-CDM Trial Operation for Phase 2	AD	29 JUN 22 / 18 SEP 25	
56/25	Incheon AP - Temporary Obstacles Erected	AD	30 JUN 25 / 30 SEP 25	
57/25	Incheon AP - Operational Restriction of Cargo Apron 1	AD	30 APR 25 / 10 NOV 25	

2. Current AIRAC AIP Supplement

NR/Year	Subject	AIP Section(s) affected	Period of validity (From/To)	Cancellation record
2/23	ENR - Y722 Traffic Dispersion Operation (Effective : 1600UTC 22 MAR 2023)	ENR	22 MAR 23 / PERM	
45/24	Gwangju AP - Unserviceability of ILS/DME for RWY 04R (Effective : 1600UTC 2 OCT 2024)	AD	2 OCT 24 / 24 DEC 25	
56/24	Incheon AP - Unserviceability of WNG VOR/DME (Effective : 1600UTC 30 OCT 2024)	AD	30 OCT 24 / 30 JUN 25	
15/25	Incheon AP - Aircraft Stand NR. 711 Operational Restriction (Effective : 1600UTC 19 MAR 2025)	AD	19 MAR 25 / 31 DEC 25	
24/25	Gimhae AP - Code "F" Aircraft Operation Procedures for 2025 APEC Member countries (Effective : 1600UTC 16 APR 2025)	AD	During the official period of the 2025 APEC Summit	
25/25	Muan AP - Construction Work for Runway Extension (Effective : 1600UTC 16 APR 2025)	AD	21 FEB 24 / 2 OCT 25	
26/25	Muan AP - Unserviceability of ILS/DME (Effective : 1600UTC 16 APR 2025)	AD	21 FEB 24 / 20 JUL 25	Superseded by 54/25
27/25	Muan AP - Unserviceability of ALS (Effective : 1600UTC 16 APR 2025)	AD	21 FEB 24 / 2 OCT 25	
28/25	Muan AP - Change of RWY 01/19 Declared Distance (Effective : 1600UTC 16 APR 2025)	AD	30 OCT 24 / 2 OCT 25	
29/25	Muan AP - RWY 19 Threshold Displaced by 300 m (Effective : 1600UTC 16 APR 2025)	AD	30 OCT 24 / 2 OCT 25	
30/25	Muan AP -Temporary Availability of Stip and RESA near RWY 19 THR (Effective : 1600UTC 16 APR 2025)	AD	16 APR 25 / 2 OCT 25	
31/25	Muan AP - Unserviceability of ALS (Effective : 1600UTC 16 APR 2025)	AD	16 APR 25 / 30 AUG 25	
32/25	Muan AP - Unserviceability of ILS/DME (Effective : 1600UTC 16 APR 2025)	AD	30 OCT 24 / 30 AUG 25	Superseded by 59/25
39/25	Incheon AP - RWY 15L/33R and TWYs Closed due to Construction (Effective : 1600UTC 14 MAY 2025)	AD	20 MAR 25 / 30 JUN 25	
40/25	Gimpo AP - Operational Restrictions (Effective : 1600UTC 14 MAY 2025)	AD	14 MAY 25 / 26 NOV 25	
43/25	ENR / Incheon AP / Gimpo AP - Unserviceability of SONGTAN VORTAC (Effective : 1600UTC 11 JUN 2025)	ENR / AD	11 JUN 25 / 8 JUL 26	
44/25	Incheon AP - RWY 15L/33R and TWYs Closed due to Construction (Effective : 1600UTC 11 JUN 2025)	AD	30 JUN 25 / 9 JUL 25	
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48/25*	Jeju AP -Temporary Change of Instrument Approach Procedures for Jeju INTL Airport (Effective : 1600UTC 11 JUN 2025)	AD	11 JUN 25 / 21 JAN 26	Cancellation on 1500UTC 10 JUL 25
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* Cancellations of NR. 47/25 and 48/25 From 1600UTC 11 JUN 25 To 1500UTC 10 JUL 25 are promulgated by NOTAMN A0662/25.

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CHART 2 - 16-3	WEF 15 MAY 24	CHART 2 - 13	29 MAY 25	CHART 2 - 12	WEF 22 FEB 23		
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CHART 2 - 20-1	WEF 19 FEB 25	CHART 2 - 16-3	9 JAN 25	CHART 2 - 16	26 JUN 25		
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CHART 2 - 27-1	WEF 19 FEB 25			CHART 2 - 23-1	30 JUN 22		
CHART 2 - 28	WEF 15 MAY 24			CHART 2 - 24	WEF 22 FEB 23		
CHART 2 - 28-1	WEF 15 MAY 24			CHART 2 - 24-1	26 AUG 21		
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		CHART 2 - 16	WEF 30 OCT 24	CHART 2 - 16-1	26 JUN 25	CHART 2 - 10-2	26 JUN 25
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		CHART 2 - 8	13 JAN 22	CHART 2 - 6-1	19 SEP 24		
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GEN 4.2 AIR NAVIGATION SERVICES CHARGES

1. 기준

항공로의 구성을 위하여 설치하는 항행안전무선시설의 이용료로서 항공기(국제항공에 취항하는 항공기에 한한다)의 착륙 또는 통과비행 1회마다 다음의 구분에 의해 부과된다.

2. 피스톤 항공기

도착의 경우 Landing	₩ 116 210
항로를 통과하는 경우 Fly-over on airway	₩ 58 100
항로가 아닌 곳을 통과하는 경우 Fly-over off airway	₩ 29 050

₩(Won : Korean currency)

3. 터보 항공기

도착의 경우 Landing	₩ 174 310
항로를 통과하는 경우 Fly-over on airway	₩ 87 150
항로가 아닌 곳을 통과하는 경우 Fly-over off airway	₩ 43 580

₩(Won : Korean currency)

4. 제트 항공기

도착의 경우 Landing	₩ 232 410
항로를 통과하는 경우 Fly-over on airway	₩ 157 210
항로가 아닌 곳을 통과하는 경우 Fly-over off airway	₩ 58 100

₩(Won : Korean currency)

5. 징수방법

- 사용료는 인천국제공항공사(및 한국공항공사)가 발행하는 청구서에 하나의 항목으로 통합하여 징수된다.
- 부과 기준에 속하는 항공운항이 발생할 때마다 사용료를 납부한다. 다만, 정규사용자에 대하여는 월간 사용료를 정산하여 다음 달 25일까지 납부하게 할 수 있다.

6. 예외규정

- 기상악화, 천재·지변 또는 긴급환자의 발생 등 부득이한 사유(정비결함 등 항공사에 책임이 있는 사유를 제외한다. 이하 같다)로 공항을 이륙한 후 2시간 이내에 그 공항으로 다시 돌아오는 항공기
- 기상악화로 공항에 불시착한 후 목적지 공항(대한민국의 공항에 한한다)을 향하여 이륙하는 항공기. 다만, 불시착한 항공기가 불시착한 공항에서 여객 또는 화물의 일부 또는 전부를 내린 경우는 제외
- 천재·지변 또는 긴급환자의 발생 등 부득이한 사유로 공항에 불시착한 후 목적지 공항을 향하여 이륙하는 항공기. 다만, 불시착한 항공기가 불시착한 공항에서 여객 또는 화물의 전부를 내린 경우는 제외
- 외교상의 목적이나 공용에 사용되는 항공기
- 「항공안전법」 제36조제3항의 규정에 의한 시험비행을 하는 항공기

1. Basis

Navigation facility charges are levied on landing or overflying aircraft(only for aircraft serving international route) based on the number of flights.

2. Piston engine aircraft

3. Turbo-Prop aircraft

4. Jet aircraft

5. Method of collection

- The charges shall be collected as one of the items by unifying it in the invoice issued by the Incheon International Airport Corporation(and the Korea Airport Corporation).
- The charges shall be paid at each time when the flight pertinent to the basis of imposition occurs. However, the approved regular users may be allowed to pay the monthly-counted charges by the 25th day of the next month.

6. Exceptions

- Aircraft that return to the departure aerodrome within two hours after take-off due to unavoidable reasons such as bad weather conditions, natural disasters or patients, etc(except reasons resulting from poor maintenances by airline company).
- Aircraft that take off to destination aerodromes located in the Republic of Korea after emergency landings due to bad weather conditions (except when some or all of passengers or cargo are disembarked).
- Aircraft that take off to the destination aerodromes located in the Republic of Korea after emergency landings due to unavoidable reasons such as natural disasters or patients, etc (except when all passengers or cargo are disembarked).
- Aircraft used for diplomatic or official purposes.
- Aircraft performing flight test under the Aviation Safety Act, Article 36, Para. 3.

f. 행정상의 명령에 의하여 착륙 또는 이륙하는 항공기

상기 업무에 관한 요금의 자세한 사항은 국토교통부령 공항시설 관리규칙 및 대한민국 공항시설법을 적용한다.

7. 항공기상정보 사용료

7.1 부과 기준

국제항공에 취항하는 항공기가 항공기상청에서 제공하는 기상서비스를 이용하여 대한민국 공항에 착륙 또는 인천 비행정보구역을 통과비행하는 각각의 경우에 1회의 운항마다 항공기상정보를 이용하는 자에게 다음의 항공기상정보 사용료를 부과한다.

7.2 편당 사용료

- a. 착륙의 경우 14 540 원
- b. 통과비행의 경우 6 140 원

7.3 징수 방법

- a. 사용료는 인천국제공항공사 또는 한국공항공사가 발행하는 청구서에 하나의 항목으로 통합하여 징수한다.
- b. 항공기상정보를 이용하는 자는 부과기준에 해당하는 항공운항이 발생할 때에 사용료를 납부하되, 납부기한은 납부사유가 발생한 날이 속하는 달의 다음 달 말일 내로 한다.

7.4 면제 대상

항공기상정보사용료 면제대상은 위 '6. 예외규정'에 따른다.

7.5 부칙

이 사용료 체계는 2025년 7월 1일부터 시행한다.

f. Aircraft landing or taking-off in direct response to an official administrative order.

Full details of charges in respect of the above services may be obtained on applications to the Aeronautical Facilities Management on the Ministry decree-MOLIT and the Airport facility Act- Republic of Korea.

7. Aeronautical Meteorological Service Charges

7.1 Charging Principles

The Meteorological Service Charges set out hereunder shall be imposed on each international flight landing at airports in the Republic of Korea or flying over the Incheon Flight Information Region by making use of the meteorological services provided by the Aviation Meteorological Office.

7.2 Charges per Flight (Won : Korean currency)

- a. For landing : 14 540 Won
- b. For overflying : 6 140 Won

7.3 Method of Collection

- a. Charges shall be collected as a single item by unifying them in the invoice issued by the Incheon International Airport Corporation or the Korea Airport Corporation.
- b. Each time any of the conditions for fee payment is deemed to have been met, the charges shall be paid no later than the last day of the month following the one in which any events under the charging principles occurred.

7.4 Exemption

Exemptions from meteorological service charges shall be in accordance with the above provisions of "6. Exceptions".

7.5 Addendum

This charge system shall enter into force on 1 July 2025.



AD 2. AERODROMES

RKSI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RKSI - SEOUL / Incheon INTL

RKSI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	372745N 1262621E 295° / 2 357 m from THR 33R
2	Direction and distance from city	264°, 48.7 km from Seoul City Hall 279°, 23.9 km from Incheon City Hall
3	Elevation/Reference temperature	7 m / 30.4 °C
4	Geoid undulation at AD ELEV PSN	21 m
5	Magnetic VAR/Annual change	9° W (2020) / 0.093° increasing
6	Aerodrome Operator, Address, Telephone, FAX, AFS	Incheon International Airport Corporation 47, Gonghang-ro 424beon-gil, Jung-gu, Incheon 22382, Republic of Korea TEL : +82-32-741-2601~2 FAX : +82-32-741-2610 AFS : (Terminal 1) RKSIZPZX (Terminal 2) RKSIZPZB
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Incheon Airport Slot Coordination(IASC) Slots must be obtained prior to commencing operations at RKSI (Level-3 airport). - Slot Request : icnscr@iasc.kr (SSIM format messages only) - General Enquiry : icninfo@iasc.kr * For General/Business Aviation, submit GCR messages to obtain slot clearance. * Details of slot coordination procedures are outlined on the website (www.iasc.kr).

RKSI AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	H24
2	Customs and Immigration	H24
3	Health and Sanitation	H24
4	AIS Briefing Office	H24
5	ATS Reporting Office	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	H24
9	Handling	H24
10	Security	H24
11	De-icing	H24
12	Remarks	NIL

RKSI AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	All modern facilities handling weights up to 7 000 kg
2	Fuel/oil types	Fuel : Jet A-1 Oil : Turbo Oil 2380, Jet Oil 254, Castrol 5000
3	Fuelling facilities/capacity	a. Jet A1 available by hydrant refueling on passenger, remote, cargo apron, at rate of 1 000 gpm. 27 aircraft can be fueled simultaneously, total amount of storage is 187 353 600 L. b. Hydrant refueling is unserviceable on every 4th Monday (1630-1800 UTC) of the month due to scheduled inspection. Tank lorries are available H24.
4	De-icing facilities	Provide 33 de-icing pads (Refer to Aircraft Parking / Docking Chart)
5	Hangar space for visiting aircraft	Not available
6	Repair facilities for visiting aircraft	Minor repairs without hangar
7	Remarks	NIL

RKSI AD 2.5 PASSENGER FACILITIES

1	Hotels	In Incheon & Seoul city (Transit hotel at passenger terminal)
2	Restaurants	At AD and in the city
3	Transportation	Rail, buses, taxis, rental cars and ferries from the AD
4	Medical facilities	a. First aid emergency medical center in airport b. Ambulance service available c. Hospitals in Incheon city, 20 km away
5	Bank and Post Office	Available at AD
6	Tourist Office	Available at AD
7	Remarks	http://airport.kr

RKSI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	Category 10																																																																								
2	Rescue equipment	<table> <tr> <td>a. 2 ARFF* vehicles (8 × 8) :</td><td>Capacity of water (L)</td><td>17 000 (2)</td></tr> <tr> <td></td><td>Capacity of foam (L)</td><td>2 400 (2)</td></tr> <tr> <td></td><td>Foam discharge rate (L/min)</td><td>8 000 (2)</td></tr> <tr> <td></td><td>Capacity of dry chemical powder (kg)</td><td>225 (2)</td></tr> <tr> <td></td><td>Dry chemical powder discharge rate (kg/s)</td><td>2.3 (2)</td></tr> <tr> <td>b. 5 ARFF* vehicles (6 × 6) :</td><td>Capacity of water (L)</td><td>11 000 (1), 12 000 (4)</td></tr> <tr> <td></td><td>Capacity of foam (L)</td><td>1 590 (1), 1 000 (4)</td></tr> <tr> <td></td><td>Foam discharge rate (L/min)</td><td>7 900 (1), 8 000 (4)</td></tr> <tr> <td></td><td>Capacity of dry chemical powder (kg)</td><td>200 (1), 225 (4)</td></tr> <tr> <td></td><td>Dry chemical powder discharge rate (kg/s)</td><td>2.3 (1), 2.5 (4)</td></tr> <tr> <td>c. 1 ARFF* vehicles (4 × 4) :</td><td>Capacity of water (L)</td><td>6 200 (1)</td></tr> <tr> <td></td><td>Capacity of foam (L)</td><td>750 (1)</td></tr> <tr> <td></td><td>Foam discharge rate (L/min)</td><td>6 500 (1)</td></tr> <tr> <td></td><td>Capacity of dry chemical powder (kg)</td><td>250 (1)</td></tr> <tr> <td></td><td>Dry chemical powder discharge rate (kg/s)</td><td>2.5 (1)</td></tr> <tr> <td>d. 3 Pump vehicles :</td><td>Capacity of water (L)</td><td>4 000 (2), 300 (1)</td></tr> <tr> <td></td><td>Capacity of foam (L)</td><td>200 (2), 20 (1)</td></tr> <tr> <td></td><td>Foam discharge rate (L/min)</td><td>2 800 (2), 40 (1)</td></tr> <tr> <td>e.</td><td colspan="2">2 Supplementary water tank trucks : 12 000 L (2)</td></tr> <tr> <td>f.</td><td colspan="2">3 Ambulances</td></tr> <tr> <td>g.</td><td colspan="2">1 Rescue truck</td></tr> <tr> <td>h.</td><td colspan="2">1 Commanding vehicle</td></tr> <tr> <td>i.</td><td colspan="2">1 Aircraft rescue fire-fighting stair vehicle</td></tr> <tr> <td>j.</td><td colspan="2">1 Emergency relief</td></tr> </table>	a. 2 ARFF* vehicles (8 × 8) :	Capacity of water (L)	17 000 (2)		Capacity of foam (L)	2 400 (2)		Foam discharge rate (L/min)	8 000 (2)		Capacity of dry chemical powder (kg)	225 (2)		Dry chemical powder discharge rate (kg/s)	2.3 (2)	b. 5 ARFF* vehicles (6 × 6) :	Capacity of water (L)	11 000 (1), 12 000 (4)		Capacity of foam (L)	1 590 (1), 1 000 (4)		Foam discharge rate (L/min)	7 900 (1), 8 000 (4)		Capacity of dry chemical powder (kg)	200 (1), 225 (4)		Dry chemical powder discharge rate (kg/s)	2.3 (1), 2.5 (4)	c. 1 ARFF* vehicles (4 × 4) :	Capacity of water (L)	6 200 (1)		Capacity of foam (L)	750 (1)		Foam discharge rate (L/min)	6 500 (1)		Capacity of dry chemical powder (kg)	250 (1)		Dry chemical powder discharge rate (kg/s)	2.5 (1)	d. 3 Pump vehicles :	Capacity of water (L)	4 000 (2), 300 (1)		Capacity of foam (L)	200 (2), 20 (1)		Foam discharge rate (L/min)	2 800 (2), 40 (1)	e.	2 Supplementary water tank trucks : 12 000 L (2)		f.	3 Ambulances		g.	1 Rescue truck		h.	1 Commanding vehicle		i.	1 Aircraft rescue fire-fighting stair vehicle		j.	1 Emergency relief	
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Change : Information of rescue equipment and item numbers.

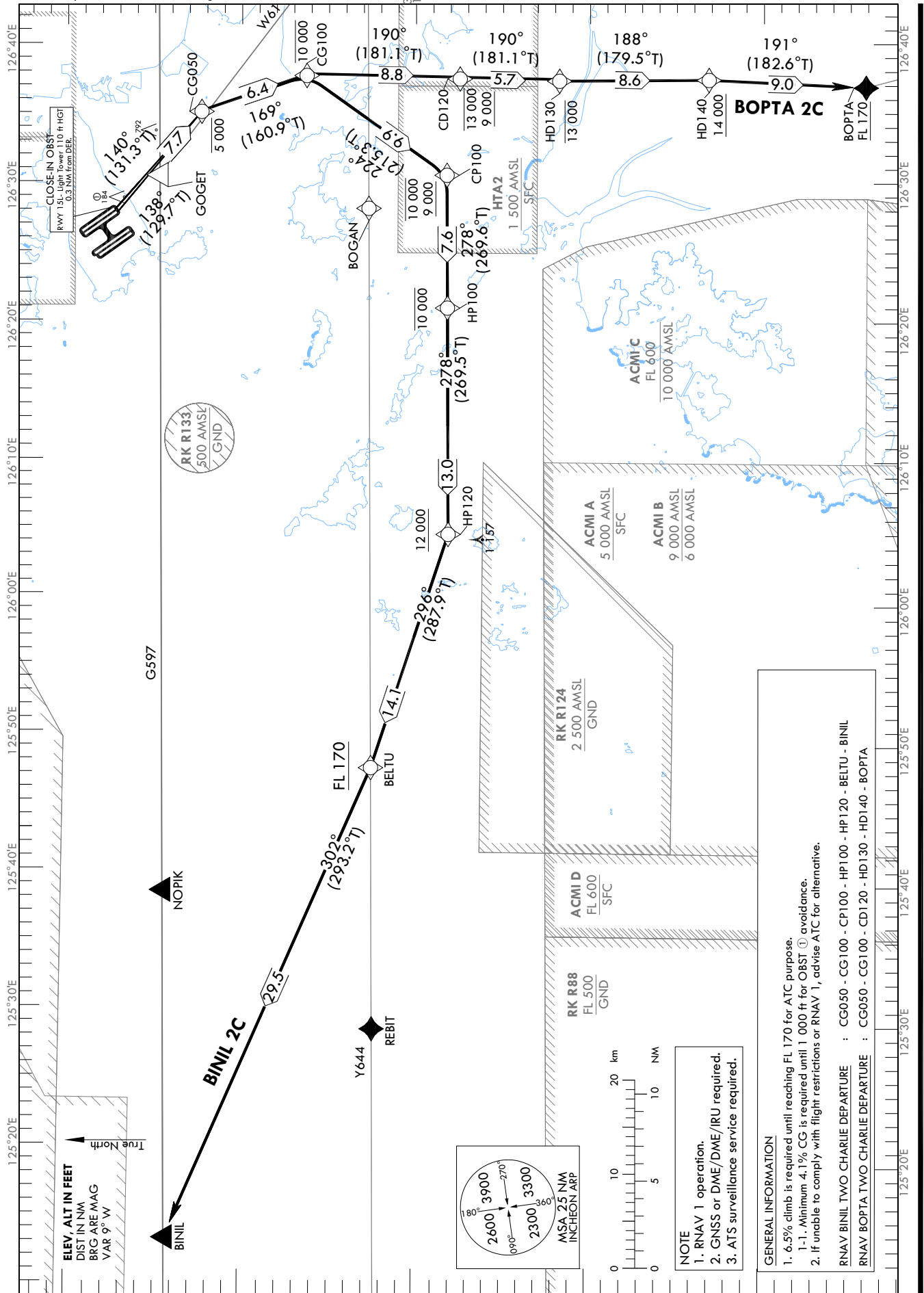
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL	DEP	125.15	121.4
		124.8	
INCHEON	TWR	118.2	118.8
DAEGU	ACC	132.8	

SEOUL/Incheon Intl(RKSI)
RWY 15L/R
RNAV BINIL 2C
RNAV BOPTA 2C

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of upper limit for RK R88.

SEOUL/Incheon Intl(RKSI)

RWY 15L/R

RNAV BINIL 2C, RNAV BOPTA 2C

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV BINIL 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	CG050	-	15L-140(131.3) 15R-138(129.7)	7.7	R	-5 000	-	37°22'18.4"N 126°35'07.0"E	-	RNAV 1	-
002	TF	CG100	-	169 (160.9)	6.4	-	-10 000	-	37°16'16.3"N 126°37'43.8"E	-	RNAV 1	-
003	TF	CP100	-	224 (215.3)	9.9	-	-10 000 +9 000	-	37°08'11.8"N 126°30'35.8"E	-	RNAV 1	-
004	TF	HP100	-	278 (269.6)	7.6	-	-10 000	-	37°08'07.8"N 126°21'03.5"E	-	RNAV 1	-
005	TF	HP120	-	278 (269.5)	13.0	-	+12 000	-	37°07'59.2"N 126°04'48.1"E	-	RNAV 1	-
006	TF	BELTU	-	296 (287.9)	14.1	-	+FL 170	-	37°12'18.0"N 125°47'59.0"E	-	RNAV 1	-
007	TF	BINIL	-	302 (293.2)	29.5	-	-	-	37°23'49.2"N 125°13'59.3"E	-	RNAV 1	-

RNAV BOPTA 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	CG050	-	15L-140(131.3) 15R-138(129.7)	7.7	R	-5 000	-	37°22'18.4"N 126°35'07.0"E	-	RNAV 1	-
002	TF	CG100	-	169 (160.9)	6.4	-	-10 000	-	37°16'16.3"N 126°37'43.8"E	-	RNAV 1	-
003	TF	CD120	-	190 (181.1)	8.8	-	-13 000 +9 000	-	37°07'27.8"N 126°37'31.2"E	-	RNAV 1	-
004	TF	HD130	-	190 (181.1)	5.7	-	-13 000	-	37°01'44.4"N 126°37'23.0"E	-	RNAV 1	-
005	TF	HD140	-	188 (179.5)	8.6	-	+14 000	-	36°53'08.6"N 126°37'29.0"E	-	RNAV 1	-
006	TF	BOPTA	-	191 (182.6)	9.0	-	+FL 170	-	36°44'06.4"N 126°36'58.4"E	-	RNAV 1	-

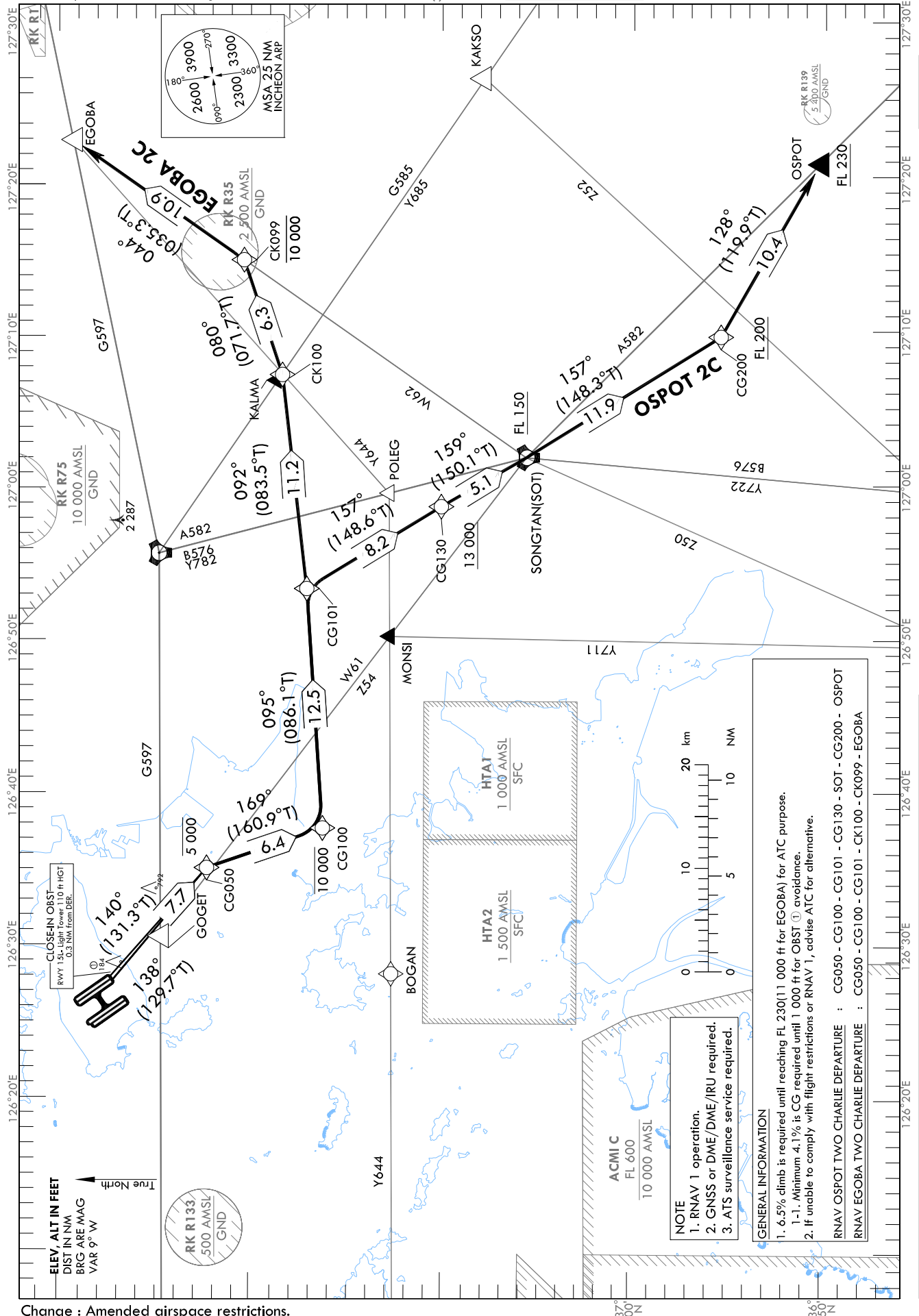
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R
RNAV OSPOT 2C
RNAV EGOBA 2C

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions.

SEOUL/Incheon Intl(RKSI)
RWY 15L/R
RNAV OSPOT 2C, RNAV EGOBA 2C

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV OSPOT 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	CG050	-	15L-140(131.3) 15R-138(129.7)	7.7	R	-5 000	-	37°22'18.4"N 126°35'07.0"E	-	RNAV 1	-
002	TF	CG100	-	169 (160.9)	6.4	-	-10 000	-	37°16'16.3"N 126°37'43.8"E	-	RNAV 1	-
003	TF	CG101	-	095 (086.1)	12.5	-	-	-	37°17'06.9"N 126°53'22.3"E	-	RNAV 1	-
004	TF	CG130	-	157 (148.6)	8.2	-	+13 000	-	37°10'05.7"N 126°58'43.0"E	-	RNAV 1	-
005	TF	SOT	-	159 (150.1)	5.1	-	+FL 150	-	37°05'39.7"N 127°01'54.0"E	-	RNAV 1	-
006	TF	CG200	-	157 (148.3)	11.9	-	+FL 200	-	36°55'29.2"N 127°09'43.6"E	-	RNAV 1	-
007	TF	OSPOT	-	128 (119.9)	10.4	-	+FL 230	-	36°50'18.1"N 127°20'54.9"E	-	RNAV 1	-

RNAV EGOBA 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	CG050	-	15L-140(131.3) 15R-138(129.7)	7.7	R	-5 000	-	37°22'18.4"N 126°35'07.0"E	-	RNAV 1	-
002	TF	CG100	-	169 (160.9)	6.4	-	-10 000	-	37°16'16.3"N 126°37'43.8"E	-	RNAV 1	-
003	TF	CG101	-	095 (086.1)	12.5	-	-	-	37°17'06.9"N 126°53'22.3"E	-	RNAV 1	-
004	TF	CK100	-	092 (083.5)	11.2	-	-	-	37°18'22.7"N 127°07'21.4"E	-	RNAV 1	-
005	TF	CK099	-	080 (071.7)	6.3	-	-10 000	-	37°20'21.2"N 127°14'52.0"E	-	RNAV 1	-
006	TF	EGOBA	-	044 (035.3)	10.9	-	-	-	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-

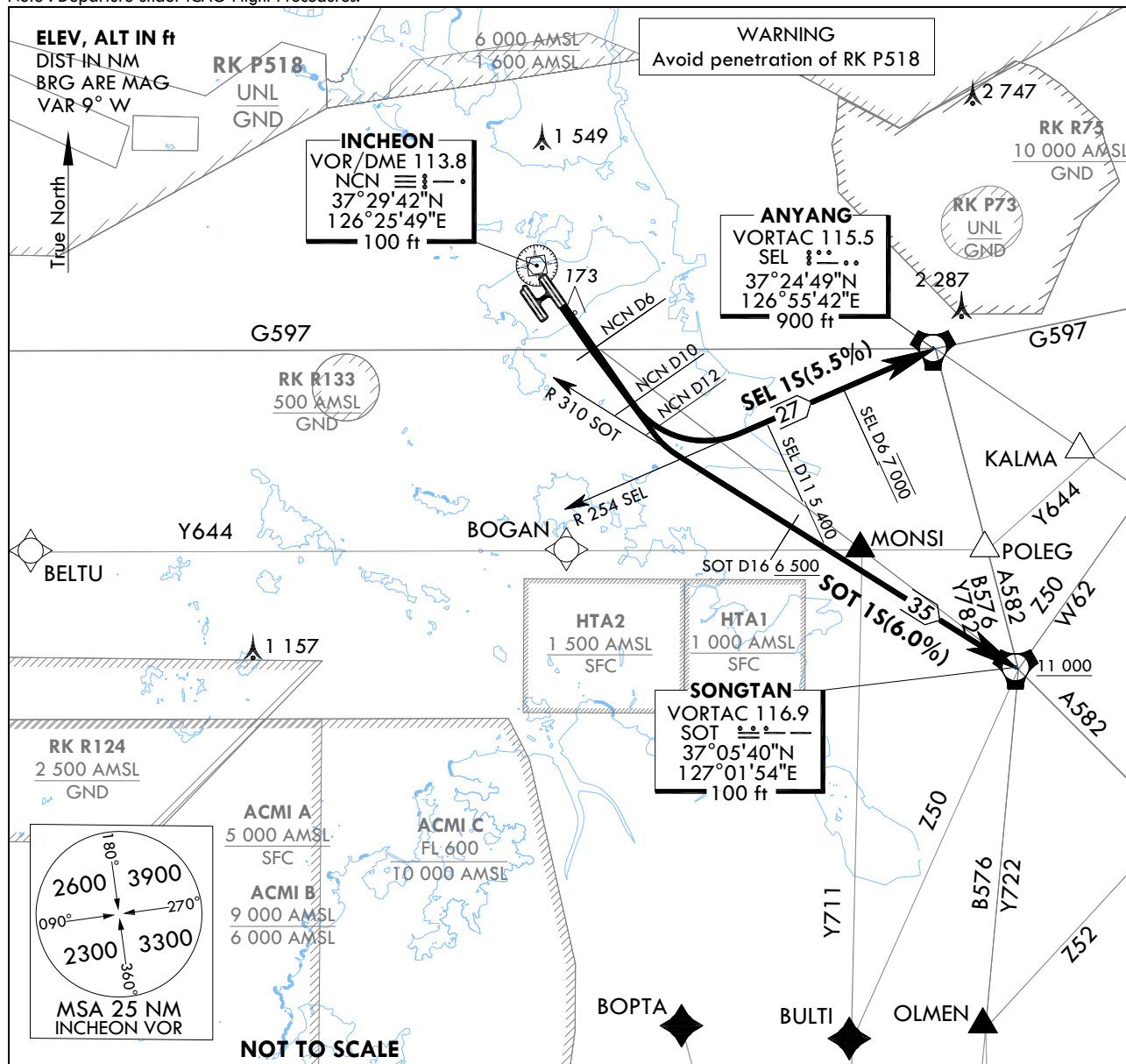
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R
SEL 15
SOT 15

Note : Departure under ICAO Flight Procedures.



GENERAL INFORMATION

- CG in excess of 3.3% necessary and also strict adherence to CG required for airspace, ATC and noise abatement purposes.
 - SEL 15 minimum CG 5.5% to 7 000 ft.
 - SOT 15 minimum CG 6.0% to FL 170.
- If unable to comply with flight restrictions, advise ATC well before departure for alternatives.
- Step climb : Due to interaction with other routes, do NOT climb above 7 000 ft unless cleared by ATC.

SEL(ANYANG) ONE SIERRA DEPARTURE

TAKE OFF RWY 15L : Climb on R 153 NCN , thence...

TAKE OFF RWY 15R : Climb straight ahead, at NCN D6 turn left onto R 153 NCN, thence...
at NCN D10 turn left to intercept R 254 SEL and proceed to SEL, fly by SEL.
Cross SEL D11 at or above 5 400 ft and SEL D6 at 7 000 ft until instructed by ATC.

SOT(SONGTAN) ONE SIERRA DEPARTURE

TAKE OFF RWY 15L : Climb on R 153 NCN, thence...

TAKE OFF RWY 15R : Climb straight ahead, at NCN D6 turn left onto R 153 NCN, thence...
at NCN D12 turn left to intercept R 310 SOT and proceed SOT. At or above 6 500 ft
by SOT D16, at or above 11 000 ft by SOT and at or above FL 150 by
SOT D8 on A582 or B576. Maintain 7 000 ft until instructed by ATC.

Change : Amended airspace restrictions, chart symbol(OBST) and Information of OBST(1 540 → 1 549).

INTENTIONALLY

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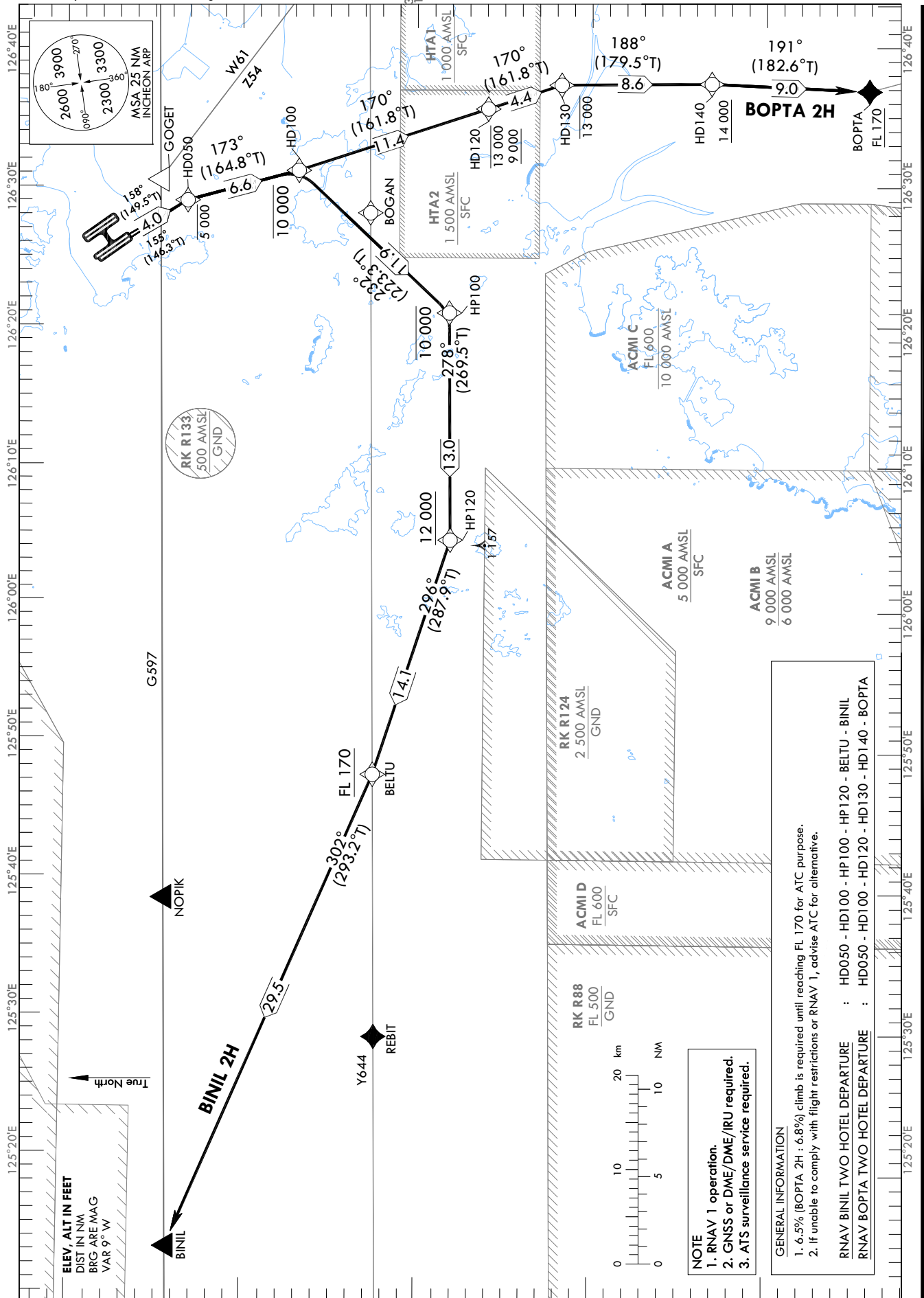
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15 121.4
124.8
INCHEON TWR 118.2 118.8
DAEGU ACC 132.8

SEOUL/Incheon Intl(RKSI)
RWY 16L/R
RNAV BINIL 2H
RNAV BOPTA 2H

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of upper limit for RK R88.

SEOUL/Incheon Intl(RKSI)

RWY 16L/R

RNAV BINIL 2H, RNAV BOPTA 2H

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV BINIL 2H										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH
001	CF	HD050	-	161-158(149.5) 168-155(146.3)	4.0	R	-5 000	-	37°23'08.6"N 126°29'03.7"E	-
002	TF	HD100	-	173 (164.8)	6.6	-	-10 000	-	37°16'47.0"N 126°31'13.0"E	-
003	TF	HP100	-	232 (223.3)	11.9	-	-10 000	-	37°08'07.8"N 126°21'03.5"E	-
004	TF	HP120	-	278 (269.5)	13.0	-	+12 000	-	37°07'59.2"N 126°04'48.1"E	-
005	TF	BELTU	-	296 (287.9)	14.1	-	+FL 170	-	37°12'18.0"N 125°47'59.0"E	-
006	TF	BINIL	-	302 (293.2)	29.5	-	-	-	37°23'49.2"N 125°13'59.3"E	-

RNAV BOPTA 2H										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH
001	CF	HD050	-	161-158(149.5) 168-155(146.3)	4.0	R	-5 000	-	37°23'08.6"N 126°29'03.7"E	-
002	TF	HD100	-	173 (164.8)	6.6	-	-10 000	-	37°16'47.0"N 126°31'13.0"E	-
003	TF	HD120	-	170 (161.8)	11.4	-	-13 000 +9 000	-	37°05'56.6"N 126°35'39.9"E	-
004	TF	HD130	-	170 (161.8)	4.4	-	-13 000	-	37°01'44.4"N 126°37'23.0"E	-
005	TF	HD140	-	188 (179.5)	8.6	-	+14 000	-	36°53'08.6"N 126°37'29.0"E	-
006	TF	BOPTA	-	191 (182.6)	9.0	-	+FL 170	-	36°44'06.4"N 126°36'58.4"E	-

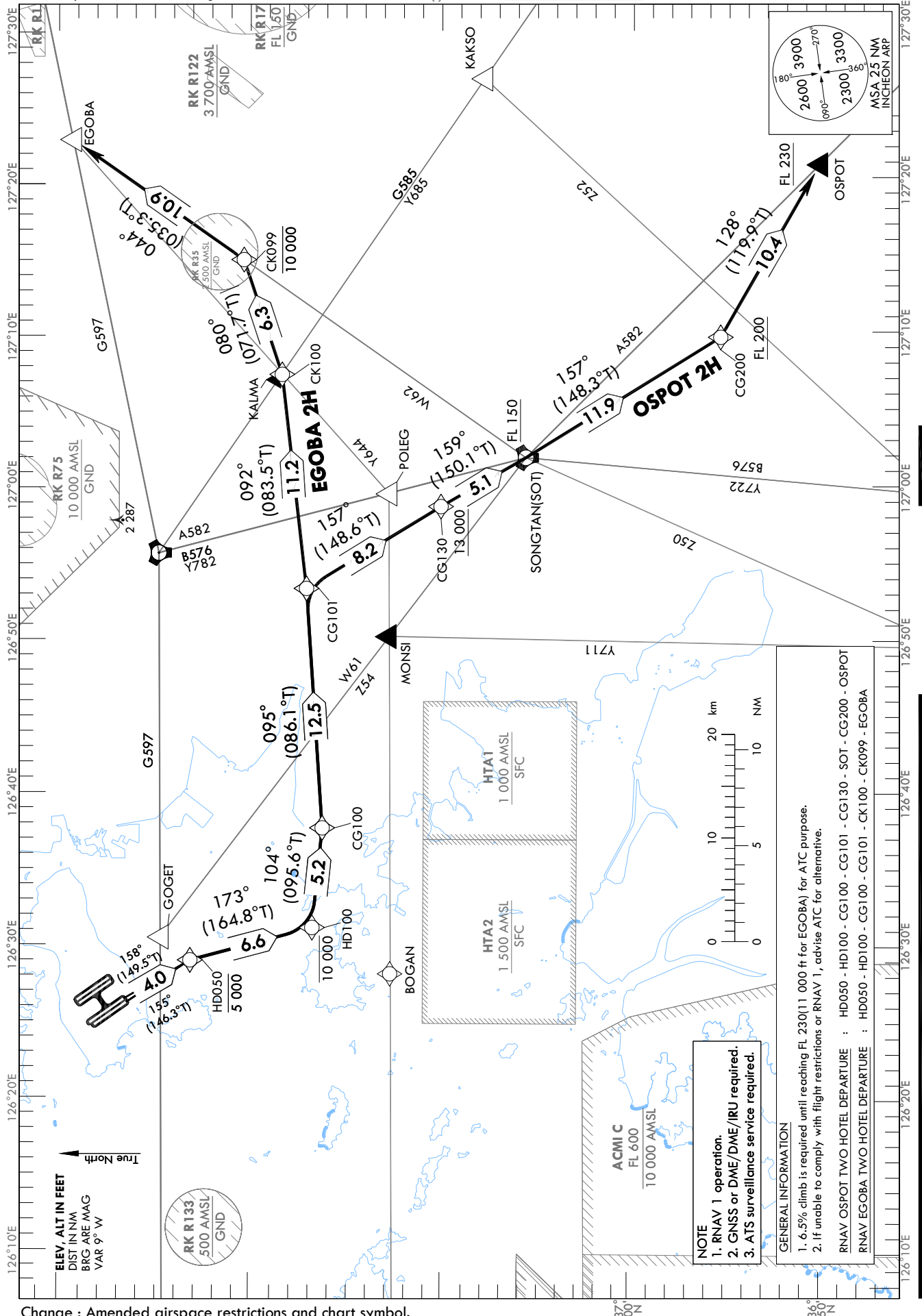
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 16L/R
RNAV OSPOT 2H
RNAV EGOBA 2H

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions and chart symbol.

SEOUL/Incheon Intl(RKSI)
RWY 16L/R
RNAV OSPOT 2H, RNAV EGOBA 2H

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV OSPOT 2H

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	HD050	-	16L-158(149.5) 16R-155(146.3)	4.0	R	-5 000	-	37°23'08.6"N 126°29'03.7"E	-	RNAV 1	-
002	TF	HD100	-	173 (164.8)	6.6	-	-10 000	-	37°16'47.0"N 126°31'13.0"E	-	RNAV 1	-
003	TF	CG100	-	104 (095.6)	5.2	-	-	-	37°16'16.3"N 126°37'43.8"E	-	RNAV 1	-
004	TF	CG101	-	095 (086.1)	12.5	-	-	-	37°17'06.9"N 126°53'22.3"E	-	RNAV 1	-
005	TF	CG130	-	157 (148.6)	8.2	-	+13 000	-	37°10'05.7"N 126°58'43.0"E	-	RNAV 1	-
006	TF	SOT	-	159 (150.1)	5.1	-	+FL 150	-	37°05'39.7"N 127°01'54.0"E	-	RNAV 1	-
007	TF	CG200	-	157 (148.3)	11.9	-	+FL 200	-	36°55'29.2"N 127°09'43.6"E	-	RNAV 1	-
008	TF	OSPOT	-	128 (119.9)	10.4	-	+FL 230	-	36°50'18.1"N 127°20'54.9"E	-	RNAV 1	-

RNAV EGOBA 2H

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	HD050	-	16L-158(149.5) 16R-155(146.3)	4.0	R	-5 000	-	37°23'08.6"N 126°29'03.7"E	-	RNAV 1	-
002	TF	HD100	-	173 (164.8)	6.6	-	-10 000	-	37°16'47.0"N 126°31'13.0"E	-	RNAV 1	-
003	TF	CG100	-	104 (095.6)	5.2	-	-	-	37°16'16.3"N 126°37'43.8"E	-	RNAV 1	-
004	TF	CG101	-	095 (086.1)	12.5	-	-	-	37°17'06.9"N 126°53'22.3"E	-	RNAV 1	-
005	TF	CK100	-	092 (083.5)	11.2	-	-	-	37°18'22.7"N 127°07'21.4"E	-	RNAV 1	-
006	TF	CK099	-	080 (071.7)	6.3	-	-10 000	-	37°20'21.2"N 127°14'52.0"E	-	RNAV 1	-
007	TF	EGOBA	-	044 (035.3)	10.9	-	-	-	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-

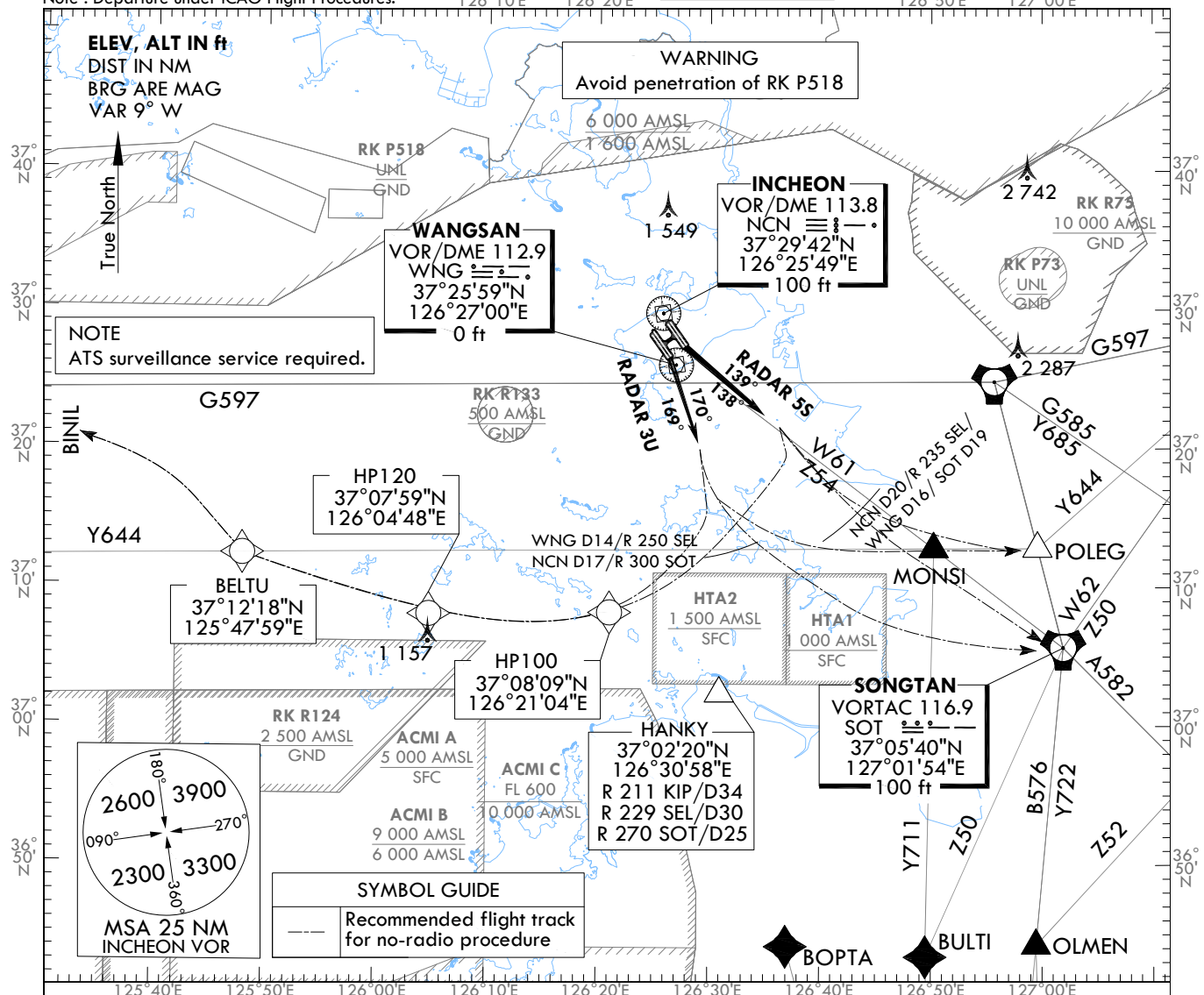
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RADAR 5S
RWY 16L/R RADAR 3U

Note : Departure under ICAO Flight Procedures.



GENERAL INFORMATION

- 6.0% CG required until FL 150 for ATC and airspace purpose.
- Pilot shall use caution not to penetrate prohibited or restricted areas around airport.
- Aircraft may experience delay due to airspace use coordination, traffic volume, and so on.

RADAR FIVE SIERRA DEPARTURE

TAKE OFF RWY 15L : Climb HDG 139°, expect radar vector to airway. Maintain 7 000 ft until instructed by ATC.
TAKE OFF RWY 15R : Climb HDG 138°, expect radar vector to airway. Maintain 7 000 ft until instructed by ATC.

No radio procedure : If no radio contact with ATC, squawk 7600, and unless otherwise instructed by ATC, proceed as follows.

- to SOT via R 315 SOT for A582, B576
- to intercept Y644 to POLEG, EGOBA, KARBU for G597
- to intercept R 290 SOT to BINIL or proceed direct to HP100, HP120, BELTU to BINIL for G597 as appropriate.

Pilot shall proceed as described above prior to reaching NCN D20 or R 235 SEL or WNG D16 or SOT D19 due to airspace.

RADAR THREE UNIFORM DEPARTURE

TAKE OFF RWY 16L : Climb HDG 170°, expect radar vector to airway. Maintain 7 000 ft until instructed by ATC.
TAKE OFF RWY 16R : Climb HDG 169°, expect radar vector to airway. Maintain 7 000 ft until instructed by ATC.

No radio procedure : If no radio contact with ATC, squawk 7600, and unless otherwise instructed by ATC proceed as follows.

- to SOT via R 307 SOT for A582, B576
- to intercept Y644 to POLEG, EGOBA, KARBU for G597
- to intercept R 290 SOT to BINIL or proceed direct to HP100, HP120, BELTU to BINIL for G597 as appropriate.

Pilot shall proceed as described above prior to reaching WNG D14 or R 250 SEL or NCN D17 or R 300 SOT due to airspace.

Change : Amended airspace restrictions, Establishment of NOTE and Information of OBST(2 075 → 2 287).

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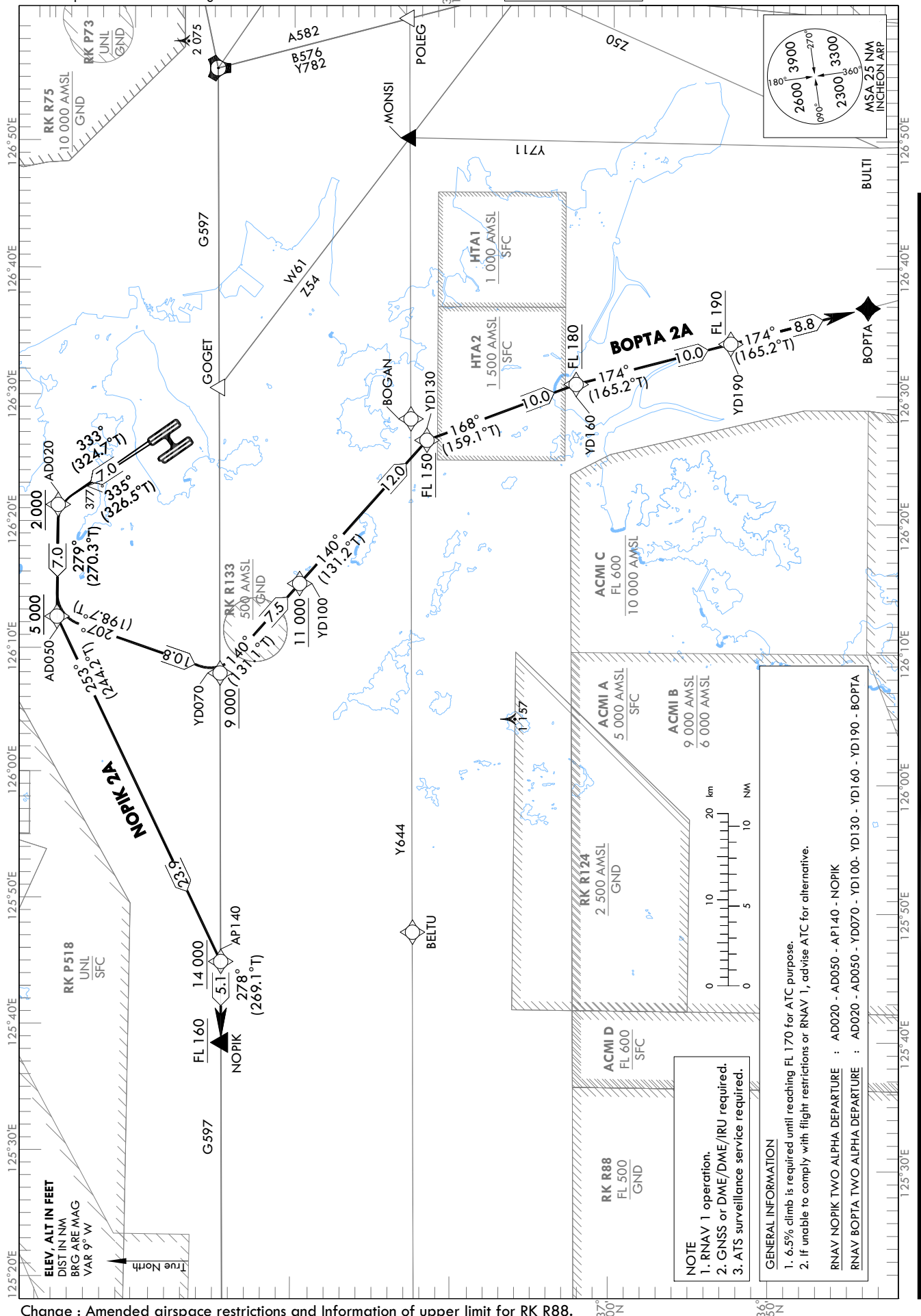
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV NOPIK 2A
RNAV BOPTA 2A

Note : Departure under ICAO Flight Procedures.



SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV NOPIK 2A, RNAV BOPTA 2A

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV NOPIK 2A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	AD020	-	33L-335(326.5) 33R-333(324.7)	7.0	L	+2 000	-	37°34'45.1"N 126°21'19.0"E	-	RNAV 1	-
002	TF	AD050	-	279 (270.3)	7.0	-	+5 000	-	37°34'46.7"N 126°12'30.6"E	-	RNAV 1	-
003	TF	AP140	-	253 (244.2)	23.9	-	+14 000	-	37°24'16.9"N 125°45'21.4"E	-	RNAV 1	-
004	TF	NOPIK	-	278 (269.1)	5.1	-	+FL 160	-	37°24'12.0"N 125°39'05.0"E	-	RNAV 1	-

RNAV BOPTA 2A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	AD020	-	33L-335(326.5) 33R-333(324.7)	7.0	L	+2 000	-	37°34'45.1"N 126°21'19.0"E	-	RNAV 1	-
002	TF	AD050	-	279 (270.3)	7.0	-	+5 000	-	37°34'46.7"N 126°12'30.6"E	-	RNAV 1	-
003	TF	YD070	-	207 (198.7)	10.8	-	+9 000	-	37°24'31.4"N 126°08'09.0"E	-	RNAV 1	-
004	TF	YD100	-	140 (131.1)	7.5	-	+11 000	-	37°19'35.0"N 126°15'14.0"E	-	RNAV 1	-
005	TF	YD130	-	140 (131.2)	12.0	-	+FL 150	-	37°11'39.7"N 126°26'32.1"E	-	RNAV 1	-
006	TF	YD160	-	168 (159.1)	10.0	-	+FL 180	-	37°02'19.6"N 126°30'58.2"E	-	RNAV 1	-
007	TF	YD190	-	174 (165.2)	10.0	-	+FL 190	-	36°52'38.3"N 126°34'10.0"E	-	RNAV 1	-
008	TF	BOPTA	-	174 (165.2)	8.8	-	-	-	36°44'06.4"N 126°36'58.4"E	-	RNAV 1	-

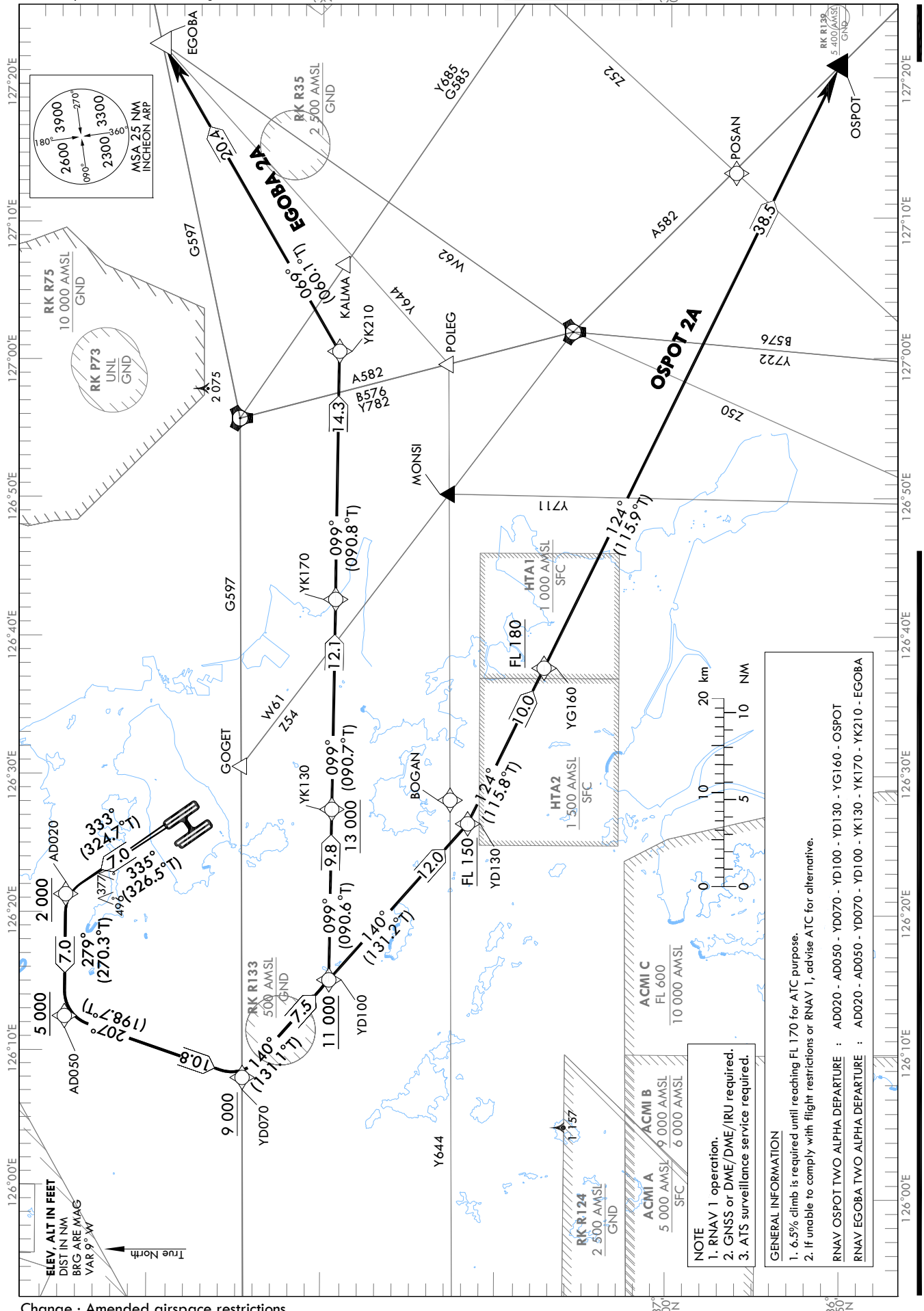
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV OSPOT 2A
RNAV EGOBA 2A

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions.

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV OSPOT 2A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	AD020	-	33L-335(326.5) 33R-333(324.7)	7.0	L	+2 000	-	37°34'45.1"N 126°21'19.0"E	-	RNAV 1	-
002	TF	AD050	-	279 (270.3)	7.0	-	+5 000	-	37°34'46.7"N 126°12'30.6"E	-	RNAV 1	-
003	TF	YD070	-	207 (198.7)	10.8	-	+9 000	-	37°24'31.4"N 126°08'09.0"E	-	RNAV 1	-
004	TF	YD100	-	140 (131.1)	7.5	-	+11 000	-	37°19'35.0"N 126°15'14.0"E	-	RNAV 1	-
005	TF	YD130	-	140 (131.2)	12.0	-	+FL 150	-	37°11'39.7"N 126°26'32.1"E	-	RNAV 1	-
006	TF	YG160	-	124 (115.8)	10.0	-	+FL 180	-	37°07'18.5"N 126°37'44.9"E	-	RNAV 1	-
007	TF	OSPOT	-	124 (115.9)	38.5	-	-	-	36°50'18.1"N 127°20'54.9"E	-	RNAV 1	-

RNAV EGOBA 2A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	AD020	-	33L-335(326.5) 33R-333(324.7)	7.0	L	+2 000	-	37°34'45.1"N 126°21'19.0"E	-	RNAV 1	-
002	TF	AD050	-	279 (270.3)	7.0	-	+5 000	-	37°34'46.7"N 126°12'30.6"E	-	RNAV 1	-
003	TF	YD070	-	207 (198.7)	10.8	-	+9 000	-	37°24'31.4"N 126°08'09.0"E	-	RNAV 1	-
004	TF	YD100	-	140 (131.1)	7.5	-	+11 000	-	37°19'35.0"N 126°15'14.0"E	-	RNAV 1	-
005	TF	YK130	-	099 (090.6)	9.8	-	+13 000	-	37°19'28.6"N 126°27'31.1"E	-	RNAV 1	-
006	TF	YK170	-	099 (090.7)	12.1	-	-	-	37°19'18.2"N 126°42'38.8"E	-	RNAV 1	-
007	TF	YK210	-	099 (090.8)	14.3	-	-	-	37°19'05.3"N 127°00'31.4"E	-	RNAV 1	-
008	TF	EGOBA	-	069 (060.1)	20.4	-	-	-	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-

SEOUL	DEP	125.15
		121.4
		124.8
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV OSPOT 2E
RNAV EGOBA 2E

Change : Amended airspace restrictions.

Change : Amended airspace restrictions.

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV OSPOT 2E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	EG020	-	33L-336(327.0) 33R-333(324.7)	5.5	R	-	-230	37°33'31.6"N 126°22'24.5"E	-	RNAV 1	-
002	TF	EG040	-	353 (344.2)	5.1	-	+4 000	-230	37°38'27.4"N 126°20'39.1"E	-	RNAV 1	-
003	TF	EG055	-	079 (070.3)	5.2	-	-5 500	-	37°40'12.7"N 126°26'50.5"E	-	RNAV 1	-
004	TF	EG070	-	119 (110.0)	5.0	-	+7 000	-	37°38'29.2"N 126°32'48.6"E	-	RNAV 1	-
005	TF	EG140	-	146 (137.6)	18.5	-	+14 000	-	37°24'47.5"N 126°48'26.5"E	-	RNAV 1	-
006	TF	EG160	-	151 (142.9)	7.0	-	+FL 160	-	37°19'11.6"N 126°53'44.6"E	-	RNAV 1	-
007	TF	OSPOT	-	151 (142.9)	36.1	-	+FL 210	-	36°50'18.1"N 127°20'54.9"E	-	RNAV 1	-

RNAV EGOBA 2E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	EG020	-	33L-336(327.0) 33R-333(324.7)	5.5	R	-	-230	37°33'31.6"N 126°22'24.5"E	-	RNAV 1	-
002	TF	EG040	-	353 (344.2)	5.1	-	+4 000	-230	37°38'27.4"N 126°20'39.1"E	-	RNAV 1	-
003	TF	EG055	-	079 (070.3)	5.2	-	-5 500	-	37°40'12.7"N 126°26'50.5"E	-	RNAV 1	-
004	TF	EG070	-	119 (110.0)	5.0	-	+7 000	-	37°38'29.2"N 126°32'48.6"E	-	RNAV 1	-
005	TF	EG140	-	146 (137.6)	18.5	-	+14 000	-	37°24'47.5"N 126°48'26.5"E	-	RNAV 1	-
006	TF	SEL	-	098 (089.7)	5.8	-	+FL 160	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
007	TF	EGOBA	-	087 (078.3)	22.0	-	+FL 210	-	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-

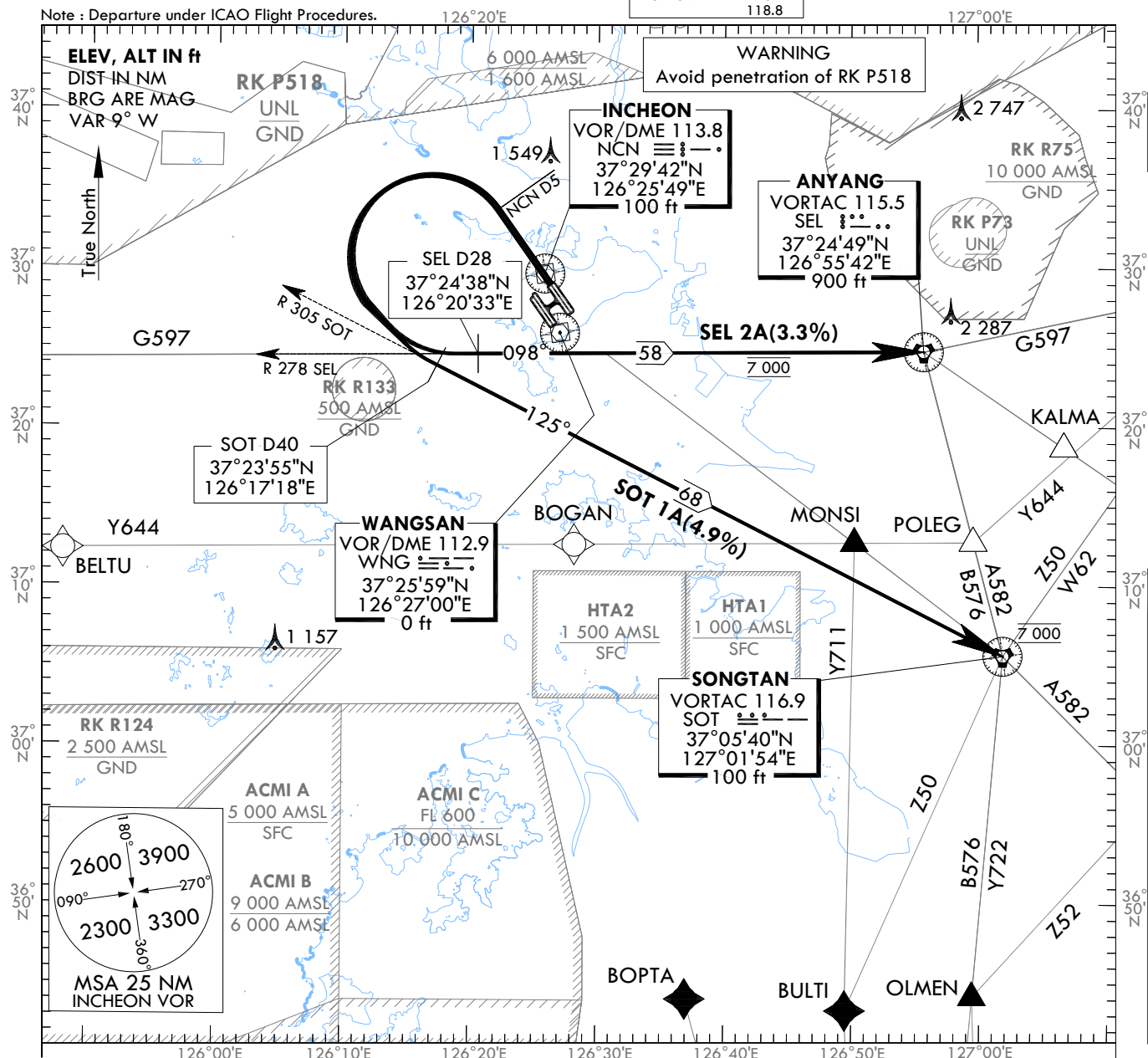
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
SEL 2A, SOT 1A

Note : Departure under ICAO Flight Procedures.



GENERAL INFORMATION

- CG in excess of 3.3% necessary for Airspace and ATC purposes.
1.1 SOT 1A minimum CG 4.9% to FL 170.
- After NCN D5, 15 degree bank angle recommended during turn for noise abatement and pilot should use caution not to penetrate prohibited area. (RK P518)
- If unable to comply with flight restrictions, advise ATC well before departure for alternatives.
- Step climb : Due to interaction with other routes, do NOT climb above 7 000 ft unless cleared by ATC.
- Pilot shall use caution not to make early or lead turn prior to reaching NCN D5.

SEL(ANYANG) TWO ALPHA DEPARTURE

TAKE OFF RWY 33L/R : Climb straight ahead, at NCN D5 turn left to intercept R 278 SEL and cross.
R 278 SEL/D28 then proceed to SEL. Maintain 7 000 ft until instructed by ATC.

SOT(SONGTAN) ONE ALPHA DEPARTURE

TAKE OFF RWY 33L/R : Climb straight ahead, at NCN D5 turn left to intercept R 305 SOT and cross
R 305 SOT/D40 then proceed to SOT. Maintain 7 000 ft until instructed by ATC.

Change : Amended airspace restrictions, chart symbol(OBST) and Information of OBST(1 540 → 1 549).

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STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

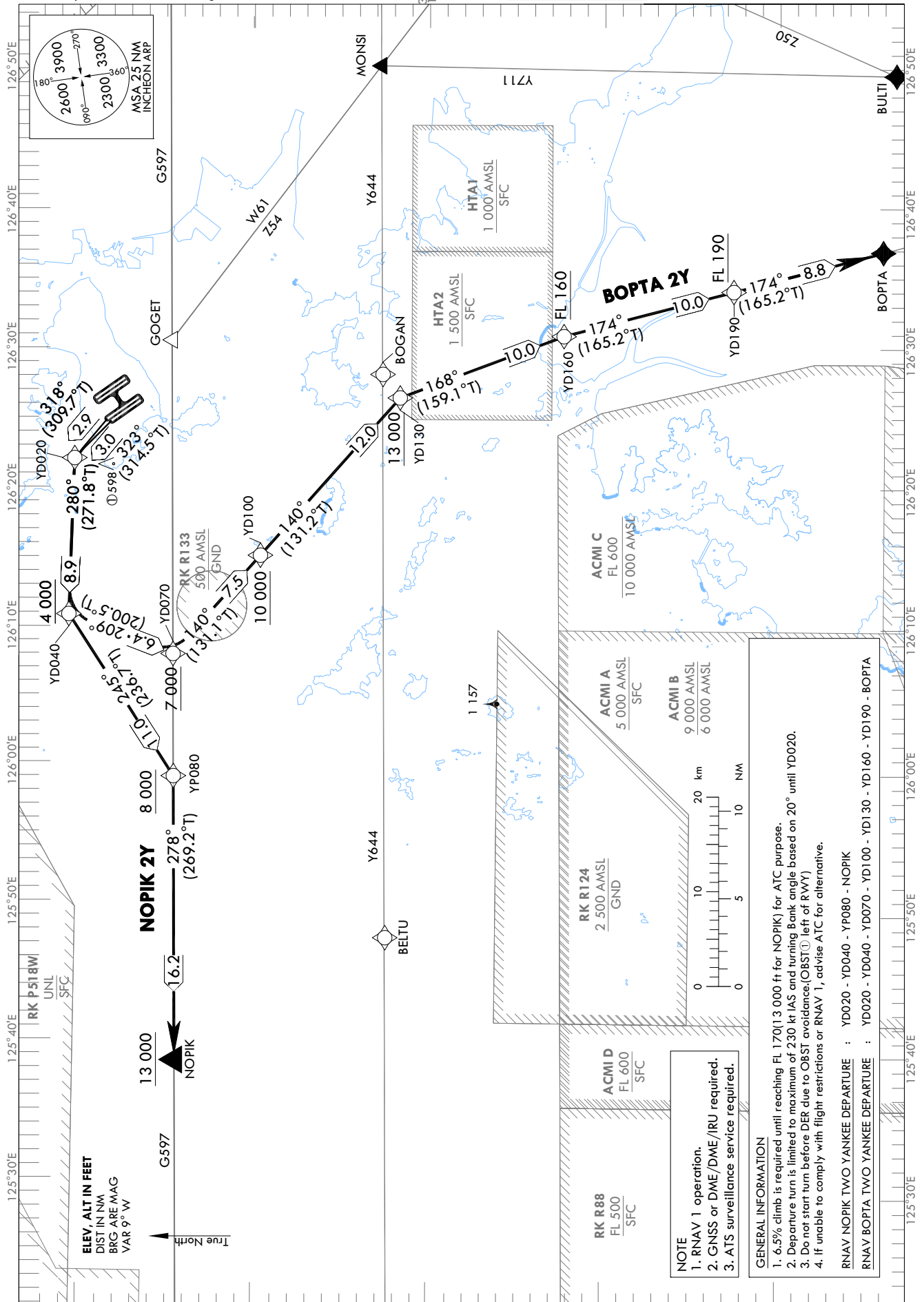
SEOUL/Incheon Intl(RKSI)

RWY 34L/R

RNAV NOPIK 2Y

RNAV BOPTA 2Y

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of upper limit for RK R88.

SEOUL/Incheon Intl(RKSI)
RWY 34L/R
RNAV NOPIK 2Y, RNAV BOPTA 2Y

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV NOPIK 2Y

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	YD020	-	34L-323(314.5) 34R-318(309.7)	34L-3.0 34R-2.9	L	-	-230	37°30'13.3"N 126°22'07.7"E	-	RNAV 1	Bank angle 20°
002	TF	YD040	-	280 (271.8)	8.9	-	+4 000	-	37°30'29.6"N 126°10'56.9"E	-	RNAV 1	-
003	TF	YP080	-	245 (236.7)	11.0	-	+8 000	-	37°24'26.5"N 125°59'24.4"E	-	RNAV 1	-
004	TF	NOPIK	-	278 (269.2)	16.2	-	+13 000	-	37°24'12.0"N 125°39'05.0"E	-	RNAV 1	-

RNAV BOPTA 2Y

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	YD020	-	34L-323(314.5) 34R-318(309.7)	34L-3.0 34R-2.9	L	-	-230	37°30'13.3"N 126°22'07.7"E	-	RNAV 1	Bank angle 20°
002	TF	YD040	-	280 (271.8)	8.9	-	+4 000	-	37°30'29.6"N 126°10'56.9"E	-	RNAV 1	-
003	TF	YD070	-	209 (200.5)	6.4	-	+7 000	-	37°24'31.4"N 126°08'09.0"E	-	RNAV 1	-
004	TF	YD100	-	140 (131.1)	7.5	-	+10 000	-	37°19'35.0"N 126°15'14.0"E	-	RNAV 1	-
005	TF	YD130	-	140 (131.2)	12.0	-	+13 000	-	37°11'39.7"N 126°26'32.1"E	-	RNAV 1	-
006	TF	YD160	-	168 (159.1)	10.0	-	+FL 160	-	37°02'19.6"N 126°30'58.2"E	-	RNAV 1	-
007	TF	YD190	-	174 (165.2)	10.0	-	+FL 190	-	36°52'38.3"N 126°34'10.0"E	-	RNAV 1	-
008	TF	BOPTA	-	174 (165.2)	8.8	-	-	-	36°44'06.4"N 126°36'58.4"E	-	RNAV 1	-

SEOUL	DEP	125.15
		121.4
		124.8
INCHEON	TWR	118.2
		118.8

**SEOUL/Incheon Intl(RKSI)
RWY 34L/R
RNAV OSPOT 2Y
RNAV EGOBA 2Y**

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

NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.

GENERAL INFORMATION
1. 6.5% climb is required until reaching FL 170 for ATC purpose.
2. Departure turn is limited to maximum of 230 kt IAS and turning Bank angle based on 20° until YD020.
3. Do not start turn before DER due to OBST avoidance. (OBST ① left of RWY)
4. If unable to comply with flight restrictions or RNAV 1, advise ATC for alternative.

RNAV OSPOT TWO YANKEE DEPARTURE : YD020 - YD040 - YD070 - YD100 - YD130 - YG160 - OSPOT
RNAV EGOM TWO YANKEE DEPARTURE : YD020 - YD040 - YD070 - YD100 - YK130 - YK170 - YK210 - EGOM

Change : Amended airspace restrictions

AIP AMDT 7/25

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV OSPOT 2Y

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	YD020	-	34L-323(314.5) 34R-318(309.7)	34L-3.0 34R-2.9	L	-	-230	37°30'13.3"N 126°22'07.7"E	-	RNAV 1	Bank angle 20°
002	TF	YD040	-	280 (271.8)	8.9	-	+4 000	-	37°30'29.6"N 126°10'56.9"E	-	RNAV 1	-
003	TF	YD070	-	209 (200.5)	6.4	-	+7 000	-	37°24'31.4"N 126°08'09.0"E	-	RNAV 1	-
004	TF	YD100	-	140 (131.1)	7.5	-	+10 000	-	37°19'35.0"N 126°15'14.0"E	-	RNAV 1	-
005	TF	YD130	-	140 (131.2)	12.0	-	+13 000	-	37°11'39.7"N 126°26'32.1"E	-	RNAV 1	-
006	TF	YG160	-	124 (115.8)	10.0	-	+FL 160	-	37°07'18.5"N 126°37'44.9"E	-	RNAV 1	-
007	TF	OSPOT	-	124 (115.9)	38.5	-	-	-	36°50'18.1"N 127°20'54.9"E	-	RNAV 1	-

RNAV EGOBA 2Y

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	YD020	-	34L-323(314.5) 34R-318(309.7)	34L-3.0 34R-2.9	L	-	-230	37°30'13.3"N 126°22'07.7"E	-	RNAV 1	Bank angle 20°
002	TF	YD040	-	280 (271.8)	8.9	-	+4 000	-	37°30'29.6"N 126°10'56.9"E	-	RNAV 1	-
003	TF	YD070	-	209 (200.5)	6.4	-	+7 000	-	37°24'31.4"N 126°08'09.0"E	-	RNAV 1	-
004	TF	YD100	-	140 (131.1)	7.5	-	+10 000	-	37°19'35.0"N 126°15'14.0"E	-	RNAV 1	-
005	TF	YK130	-	099 (090.6)	9.8	-	+13 000	-	37°19'28.6"N 126°27'31.1"E	-	RNAV 1	-
006	TF	YK170	-	099 (090.7)	12.1	-	-	-	37°19'18.2"N 126°42'38.8"E	-	RNAV 1	-
007	TF	YK210	-	099 (090.8)	14.3	-	-	-	37°19'05.3"N 127°00'31.4"E	-	RNAV 1	-
008	TF	EGOBA	-	069 (060.1)	20.4	-	-	-	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-

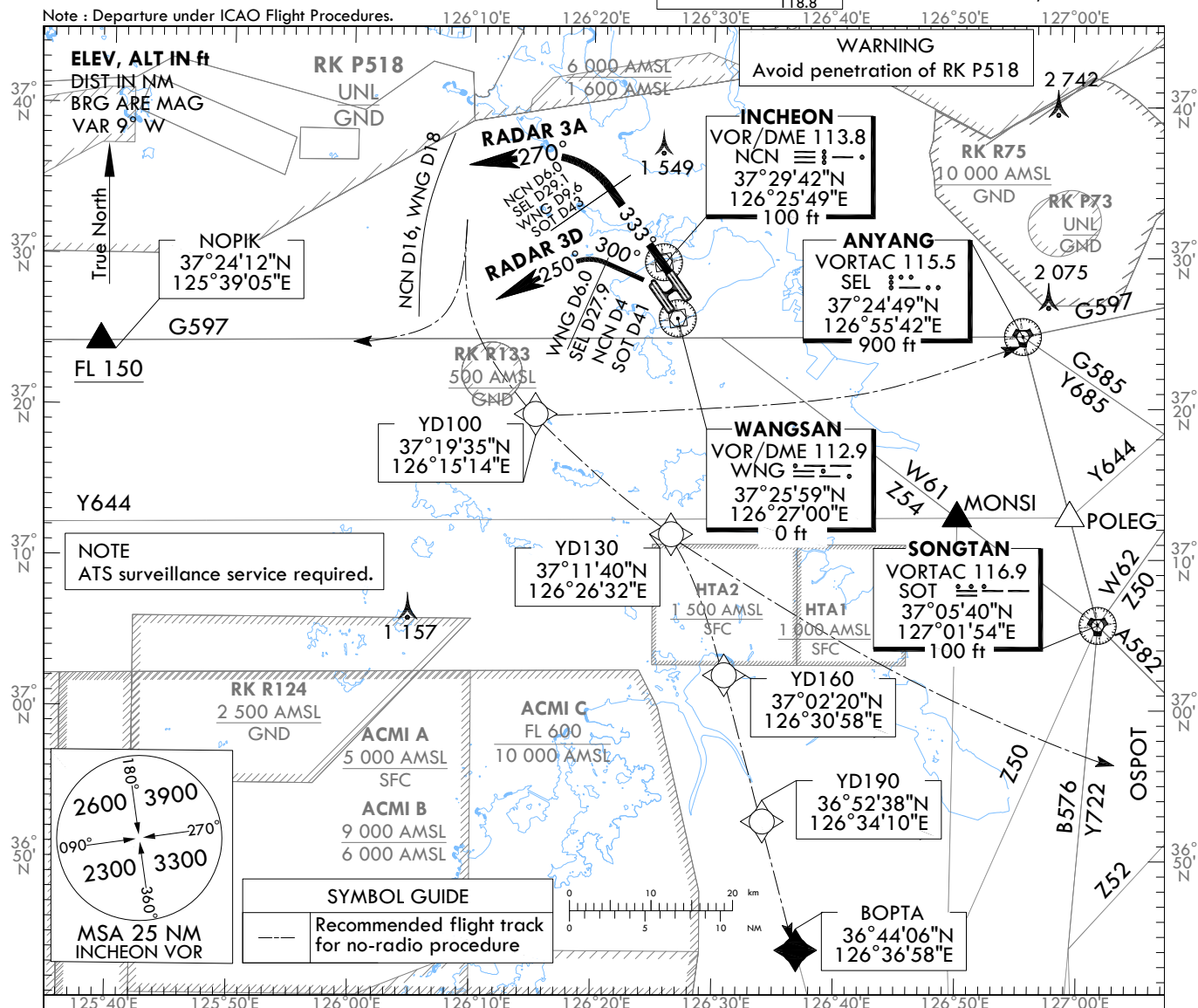
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP 125.15
121.4
124.8
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RADAR 3A
RWY 34L/R RADAR 3D

Note : Departure under ICAO Flight Procedures.



GENERAL INFORMATION

- 6.0% CG required until FL 150 for ATC and airspace purpose.
- Pilot shall use caution not to penetrate prohibited or restricted areas around airport.
- Aircraft may experience delay due to airspace use coordination, traffic volume, and so on.

RADAR THREE ALPHA DEPARTURE

TAKE OFF RWY 33L/R : Climb on RWY HDG until NCN D6.0(SEL D29.1 or WNG D9.6 or SOT D43), turn left HDG 270° expect radar vector to airway.

No radio procedure : If no radio contact with ATC, squawk 7600, and unless otherwise instructed by ATC proceed as follows.

- fly south to join R 269 SEL to SEL or proceed direct to YD100 then SEL for G597
- fly south to join G597 to NOPIK
- fly south to YD100, YD130 and OSPOT for A582
- fly south to YD100, YD130, YD160, YD190 and BOPTA for BEDES via Z51.

Pilot shall remain within NCN D16 (SEL D40 or 17 NM from Airport as appropriate) during on HDG 270°.

RADAR THREE DELTA DEPARTURE

TAKE OFF RWY 34L/R : Climb HDG 300° until WNG D6.0(SEL D27.9 or NCN D4 or SOT D41), turn left HDG 250° expect radar vector to airway. Maintain 3 000 ft until instructed by ATC.

No radio procedure : If no radio contact with ATC, squawk 7600, and unless otherwise instructed by ATC proceed as follows.

- fly south to join R 269 SEL to SEL or proceed direct to YD100 then SEL for G597
- fly south to join G597 to NOPIK
- fly south to YD100, YD130 and OSPOT for A582
- fly south to YD100, YD130, YD160, YD190 and BOPTA for BEDES via Z51.

Pilot shall remain within NCN D16 (SEL D40 or 17 NM from Airport as appropriate) during on HDG 250°.

Change : Amended airspace restrictions and Establishment of NOTE.

INTENTIONALLY

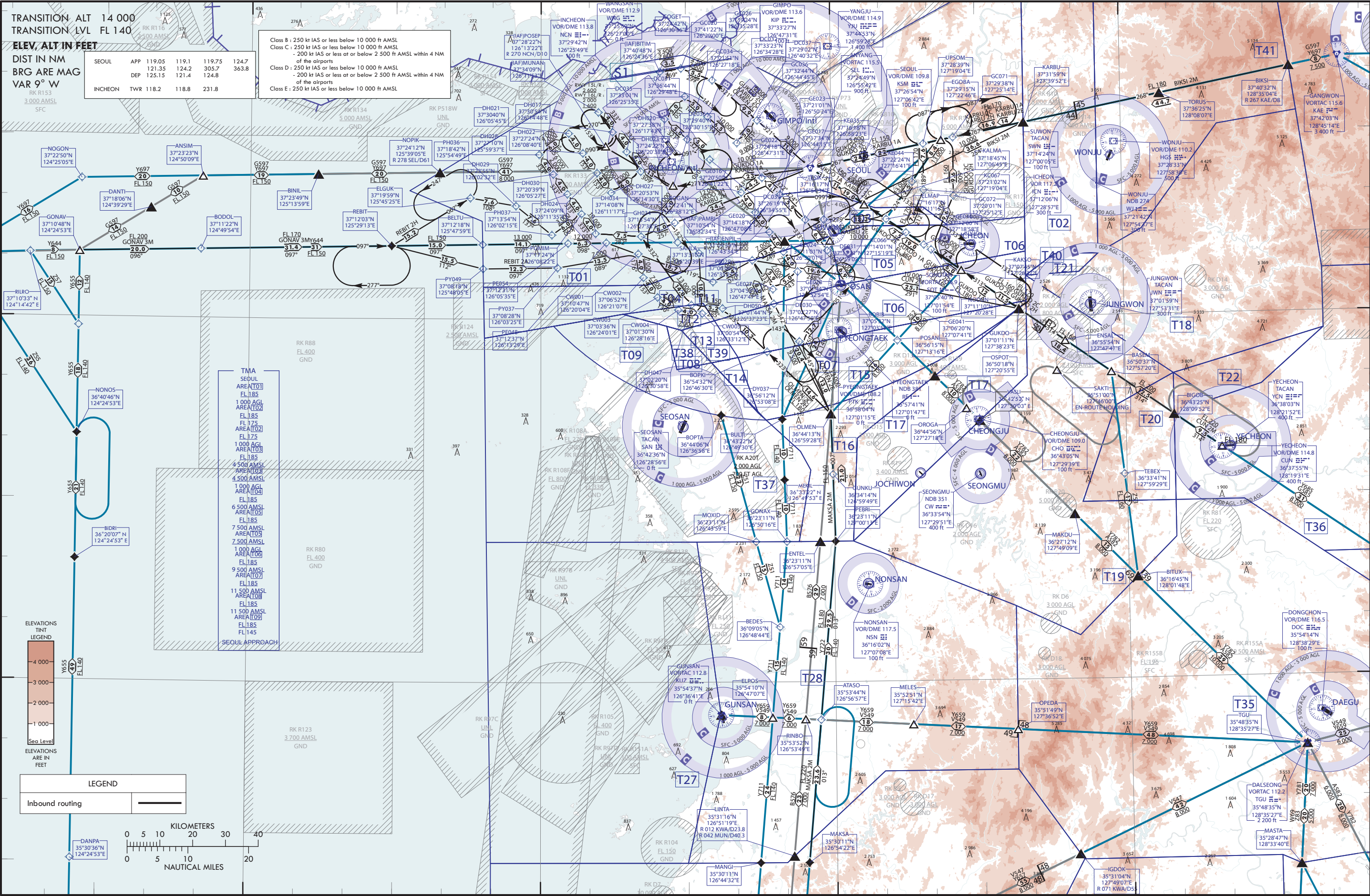
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AREA CHART - ICAO (ARRIVAL TRANSIT)

SEOUL/Incheon Intl(RKSI)

TMA SEOUL(Incheon, Gimpo Airport)



Change : Information of COP and holding procedures.

PUBLISHED BY THE OFFICE OF CIVIL AVIATION, MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT.
REPUBLIC OF KOREA

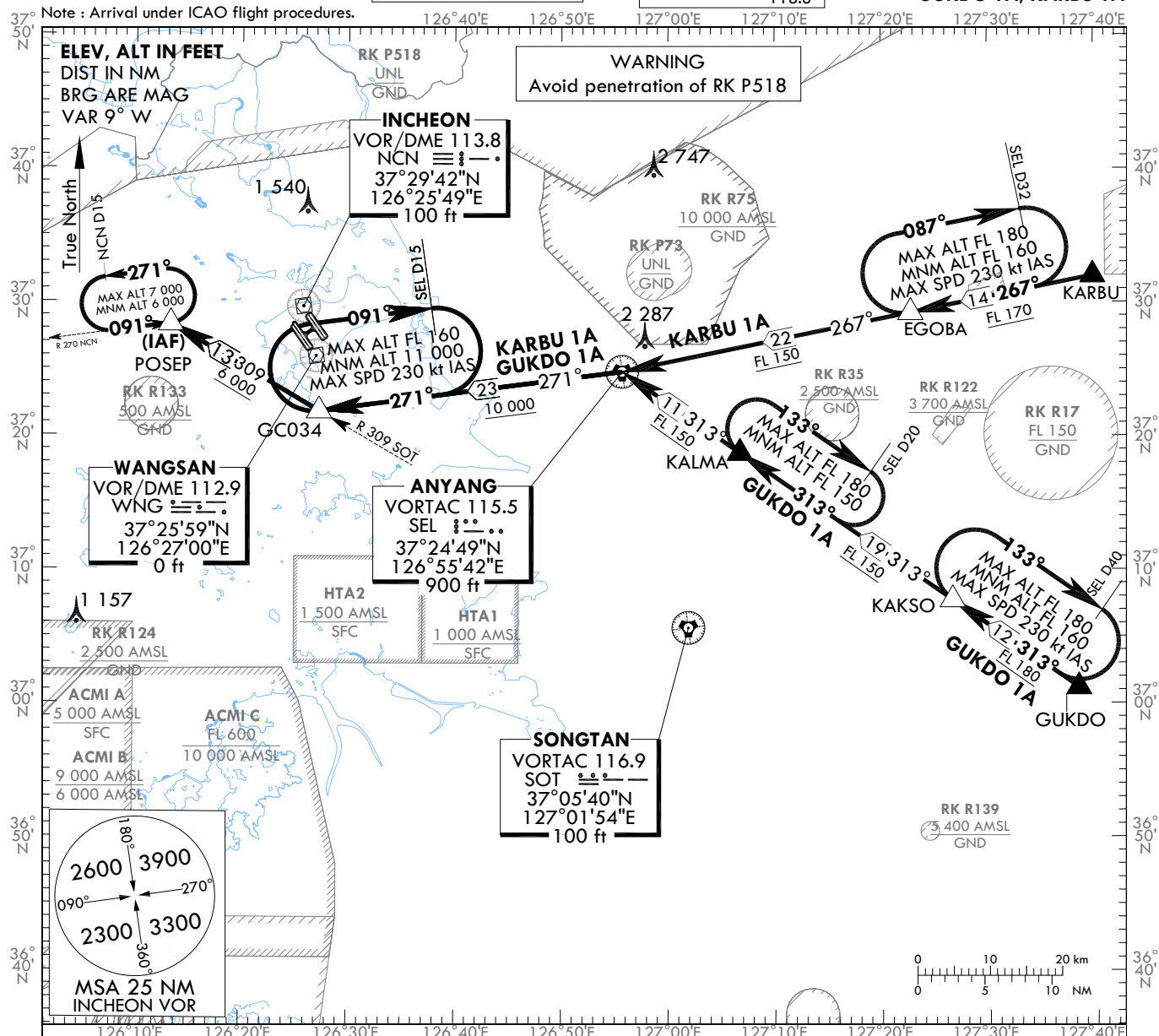
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAOTRANSITION ALT 14 000
TRANSITION LVL FL 140SEOUL APP 119.75
INCHEON TWR 121.35
118.2
118.8

SEOUL/Incheon Intl(RKSJ)

RWY 15L

GUKDO 1A, KARBU 1A

Note : Arrival under ICAO flight procedures.



GENERAL INFORMATION

1. For profile descent with clearance "Descend via the (STAR name and number) arrival", pilots should commence descent after passing the First Fix/Waypoint of each arrival.
2. If unable to comply with flight restrictions, advise ATC for alternatives.
3. Maximum holding speed is 230 kt IAS at EGOBA, KAKSO, KALMA and GC034, 200 kt IAS at POSEP.

DESIGNATOR	FROM	ROUTE	DESCENT ALTITUDE
GUKDO ONE ALPHA	G585 /Y685	GUKDO - KAKSO - KALMA - SEL - GC034 - POSEP	At or above FL 180 by KAKSO, FL 150 by SEL, 10 000 ft by GC034, and 6 000 ft by POSEP
KARBU ONE ALPHA	G597 /Y697	KARBU - EGOBA - SEL - GC034 - POSEP	At or above FL 170 by EGOBA, FL 150 by SEL, 10 000 ft by GC034, and 6 000 ft by POSEP

Change : Amended airspace restrictions.

SEOUL/Incheon Intl(RKSI)
RWY 15L
GUKDO 1A, KARBU 1A

AERONAUTICAL DATA TABULATION

GUKDO 1A

Fix / Point		Coordinates	
GUKDO	R 133/D41 SEL	37°01'10.9"N	127°38'22.9"E
KAKSO	R 133/D30 SEL	37°07'44.6"N	127°26'37.4"E
KALMA	R 133/D11 SEL	37°18'44.9"N	127°06'44.8"E
SEL		37°24'49.0"N	126°55'42.1"E
GC034	R 309/D32 SOT	37°21'51.0"N	126°27'18.0"E
POSEP	R 271/D10 NCN	37°28'21.8"N	126°13'22.0"E

KARBU 1A

Fix / Point		Coordinates	
KARBU	R 087/D36 SEL	37°31'59.0"N	127°39'52.0"E
EGOBA	R 087/D22 SEL	37°29'14.7"N	127°22'45.9"E
SEL		37°24'49.0"N	126°55'42.1"E
GC034	R 309/D32 SOT	37°21'51.0"N	126°27'18.0"E
POSEP	R 271/D10 NCN	37°28'21.8"N	126°13'22.0"E

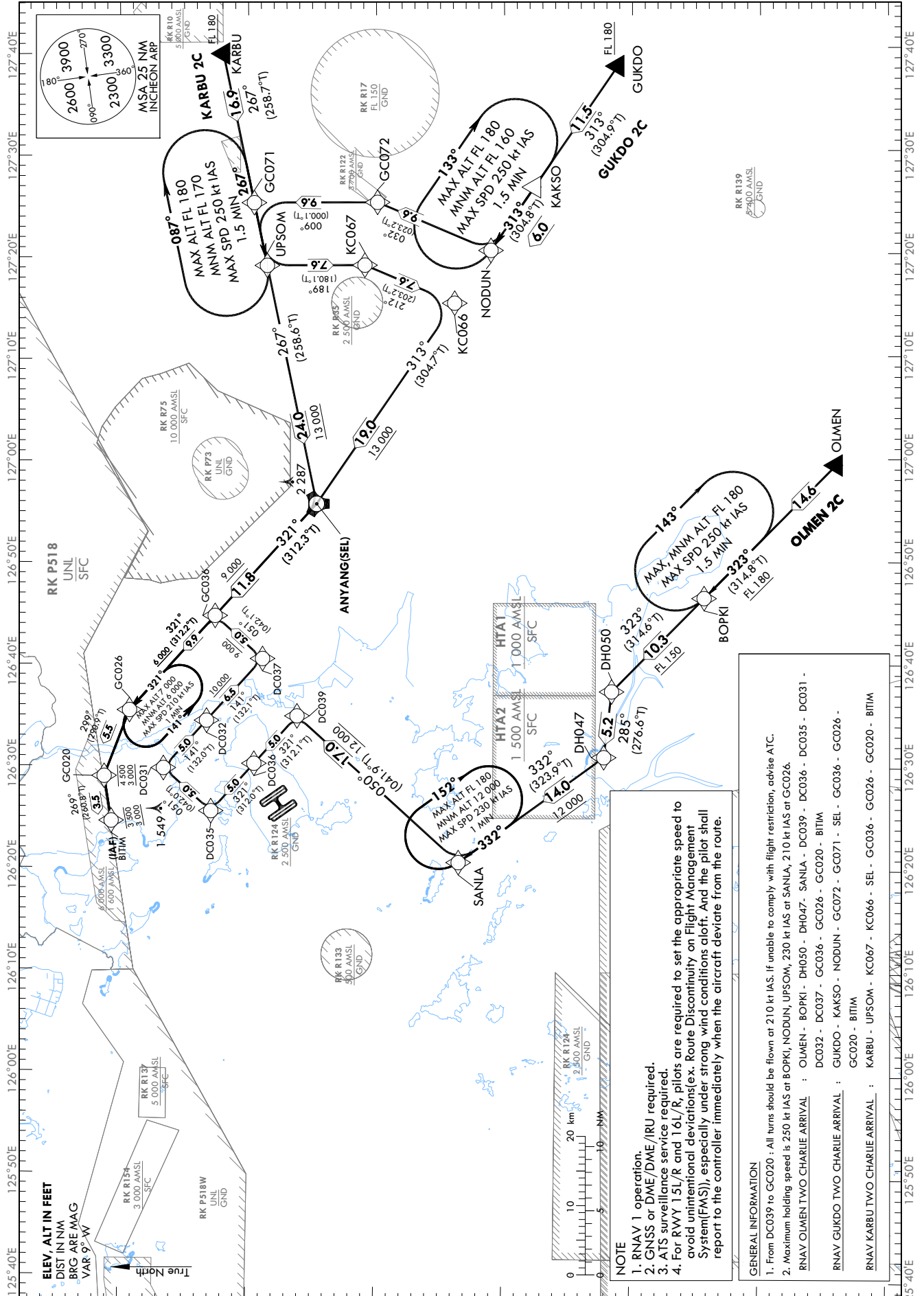
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R, RWY 16L/R
RNAV OLMEN 2C
RNAV GUKDO 2C, RNAV KARBU 2C

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of SEL.

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV OLMEN 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	OLMEN	-	-	-	-	-	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-
002	TF	BOPKI	-	323 (314.8)	14.6	-	+FL 180	-	36°54'31.8"N 126°46'30.1"E	-	RNAV 1	-
003	TF	DH050	-	323 (314.6)	10.3	-	+FL 150	-	37°01'44.4"N 126°37'23.0"E	-	RNAV 1	-
004	TF	DH047	-	285 (276.6)	5.2	-	-	-	37°02'20.0"N 126°30'58.0"E	-	RNAV 1	-
005	TF	SANLA	-	332 (323.9)	14.0	-	+12 000	-	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
006	TF	DC039	-	050 (041.9)	17.0	-	+12 000	@210	37°26'19.1"N 126°34'55.2"E	-	RNAV 1	-
007	TF	DC036	-	321 (312.1)	5.0	-	-	@210	37°29'40.2"N 126°30'15.4"E	-	RNAV 1	-
008	TF	DC035	-	321 (312.0)	5.0	-	-	@210	37°33'01.2"N 126°25'35.1"E	-	RNAV 1	-
009	TF	DC031	-	051 (042.0)	5.0	-	-	@210	37°36'44.4"N 126°29'47.6"E	-	RNAV 1	-
010	TF	DC032	-	141 (132.0)	5.0	-	-	@210	37°33'23.3"N 126°34'27.9"E	-	RNAV 1	-
011	TF	DC037	-	141 (132.1)	6.5	-	+10 000	@210	37°29'01.6"N 126°40'31.7"E	-	RNAV 1	-
012	TF	GC036	-	051 (042.1)	5.0	-	+9 000	@210	37°32'44.3"N 126°44'44.7"E	-	RNAV 1	-
013	TF	GC026	-	321 (312.2)	9.9	-	+6 000	@210	37°39'24.5"N 126°35'28.2"E	-	RNAV 1	-
014	TF	GC020	-	299 (290.9)	5.5	-	-4 500 +3 000	@210	37°41'22.0"N 126°28'59.8"E	-	RNAV 1	-
015	TF	BITIM	-	269 (260.8)	3.5	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNAV 1	IAF

RNAV GUKDO 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	GUKDO	-	-	-	-	+FL 180	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-
002	TF	KAKSO	-	313 (304.9)	11.5	-	-	-	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	-
003	TF	NODUN	-	313 (304.8)	6.0	-	-	-	37°11'10.1"N 127°20'27.5"E	-	RNAV 1	-
004	TF	GC072	-	032 (023.2)	9.6	-	-	-	37°20'01.0"N 127°25'12.2"E	-	RNAV 1	-
005	TF	GC071	-	009 (000.1)	9.6	-	-	-	37°29'38.5"N 127°25'13.7"E	-	RNAV 1	-
006	TF	SEL	-	267 (258.6)	24.0	-	+13 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
007	TF	GC036	-	321 (312.3)	11.8	-	+9 000	@210	37°32'44.3"N 126°44'44.7"E	-	RNAV 1	-
008	TF	GC026	-	321 (312.2)	9.9	-	+6 000	@210	37°39'24.5"N 126°35'28.2"E	-	RNAV 1	-
009	TF	GC020	-	299 (290.9)	5.5	-	-4 500 +3 000	@210	37°41'22.0"N 126°28'59.8"E	-	RNAV 1	-
010	TF	BITIM	-	269 (260.8)	3.5	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNAV 1	IAF

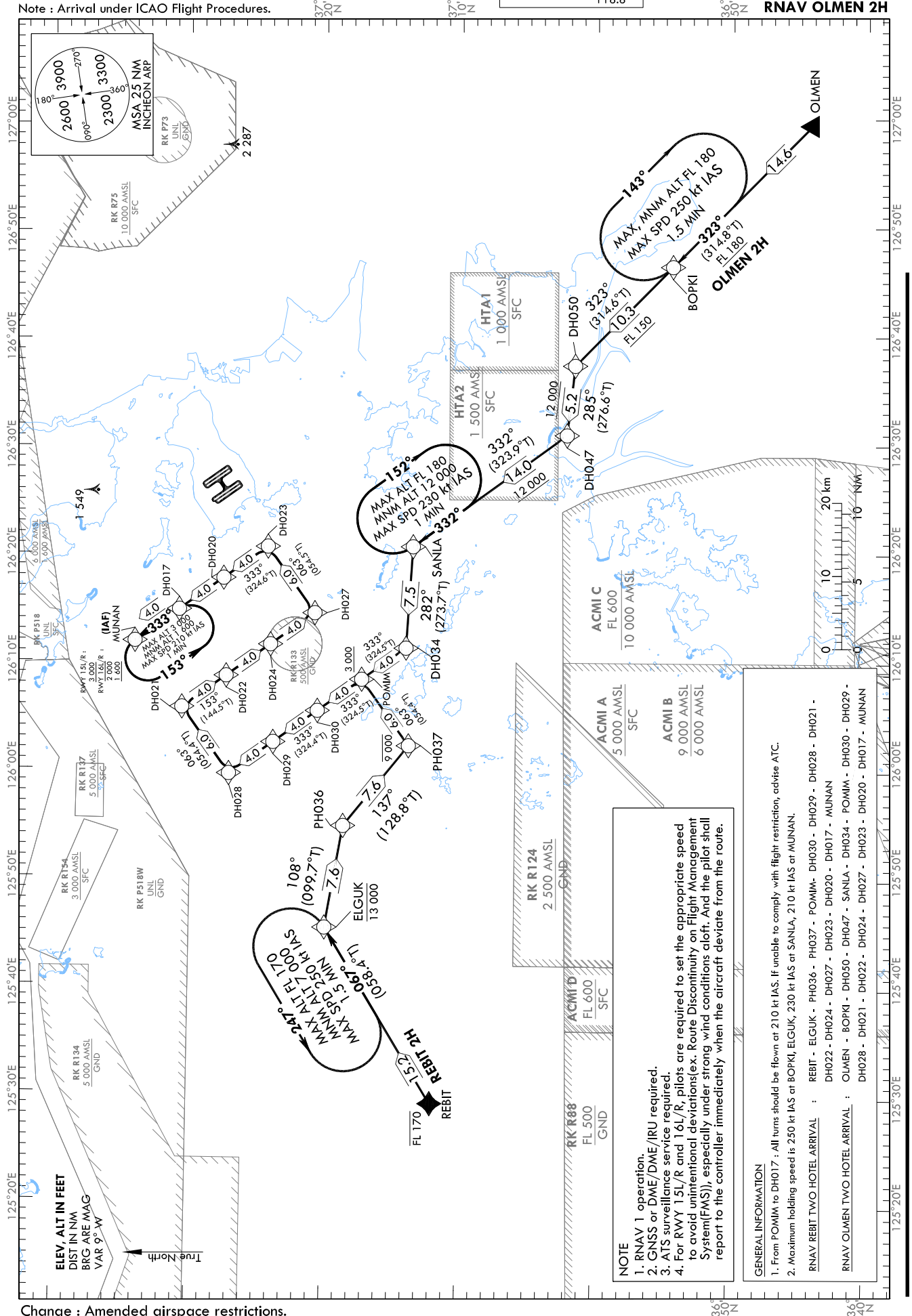
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
INCHEON TWR 121.35
118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R, RWY 16L/R
RNAV REBIT 2H
RNAV OLMEN 2H

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions.

SEOUL/Incheon Intl(RKSI)
RWY 15L/R, RWY 16L/R
RNAV REBIT 2H

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 2H												
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	REBIT	-	-	-	-	-FL 170	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	TF	ELGUK	-	067 (058.4)	15.2	-	-13 000	-	37°19'59.4"N 125°45'24.7"E	-	RNAV 1	-
003	TF	PH036	-	108 (099.7)	7.6	-	-	-	37°18'41.6"N 125°54'49.4"E	-	RNAV 1	-
004	TF	PH037	-	137 (128.8)	7.6	-	-9 000	-	37°13'54.3"N 126°02'15.2"E	-	RNAV 1	-
005	TF	POMIM	-	063 (054.4)	6.0	-	+3 000	@210	37°17'23.8"N 126°08'22.1"E	-	RNAV 1	-
006	TF	DH030	-	333 (324.5)	4.0	-	-	@210	37°20'39.4"N 126°05'27.2"E	-	RNAV 1	-
007	TF	DH029	-	333 (324.4)	4.0	-	-	@210	37°23'54.8"N 126°02'32.1"E	-	RNAV 1	-
008	TF	DH028	-	333 (324.4)	4.0	-	-	@210	37°27'10.2"N 125°59'36.8"E	-	RNAV 1	-
009	TF	DH021	-	063 (054.4)	6.0	-	-	@210	37°30'39.9"N 126°05'44.6"E	-	RNAV 1	-
010	TF	DH022	-	153 (144.5)	4.0	-	-	@210	37°27'24.4"N 126°08'39.8"E	-	RNAV 1	-
011	TF	DH024	-	153 (144.5)	4.0	-	-	@210	37°24'08.8"N 126°11'34.8"E	-	RNAV 1	-
012	TF	DH027	-	153 (144.5)	4.0	-	-	@210	37°20'53.1"N 126°14'29.5"E	-	RNAV 1	-
013	TF	DH023	-	063 (054.5)	6.0	-	-	@210	37°24'22.0"N 126°20'37.5"E	-	RNAV 1	-
014	TF	DH020	-	333 (324.6)	4.0	-	-	@210	37°27'37.8"N 126°17'42.9"E	-	RNAV 1	-
015	TF	DH017	-	333 (324.6)	4.0	-	-	@210	37°30'53.6"N 126°14'48.1"E	-	RNAV 1	-
016	TF	MUNAN	-	333 (324.5)	4.0	-	+3 000 for RWY 15 +2 000 +1 600 for RWY 16	-	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	IAF

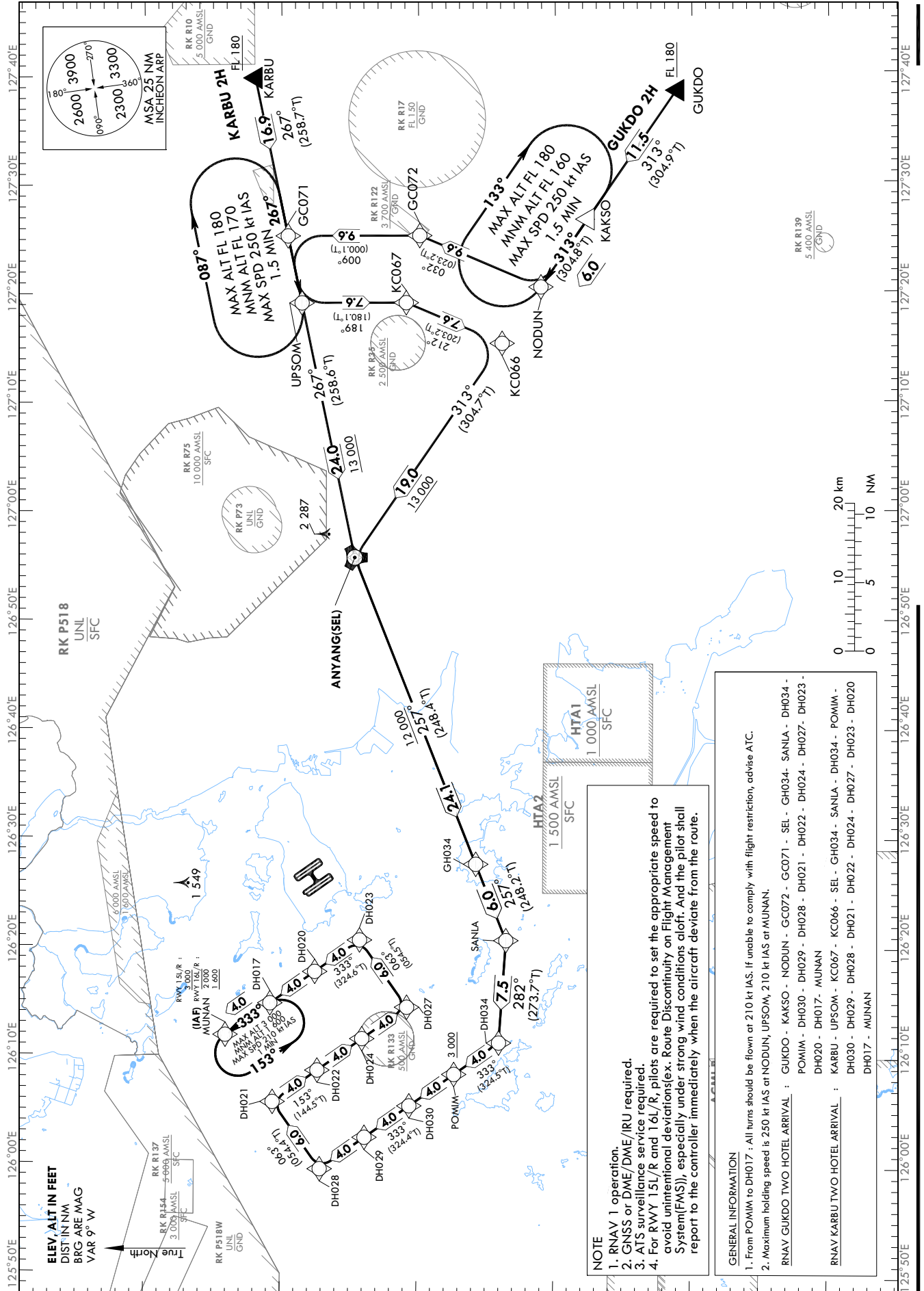
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
INCHEON TWR 121.35
118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R, RWY 16L/R
RNAV GUKDO 2H
RNAV KARBU 2H

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of SEL.

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GUKDO 2H

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	GUKDO	-	-	-	-	+FL 180	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-
002	TF	KAKSO	-	313 (304.9)	11.5	-	-	-	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	-
003	TF	NODUN	-	313 (304.8)	6.0	-	-	-	37°11'10.1"N 127°20'27.5"E	-	RNAV 1	-
004	TF	GC072	-	032 (023.2)	9.6	-	-	-	37°20'01.0"N 127°25'12.2"E	-	RNAV 1	-
005	TF	GC071	-	009 (000.1)	9.6	-	-	-	37°29'38.5"N 127°25'13.7"E	-	RNAV 1	-
006	TF	SEL	-	267 (258.6)	24.0	-	+13 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
007	TF	GH034	-	257 (248.4)	24.1	-	+12 000	-	37°15'53.8"N 126°27'37.5"E	-	RNAV 1	-
008	TF	SANLA	-	257 (248.2)	6.0	-	-	-	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
009	TF	DH034	-	282 (273.7)	7.5	-	-	-	37°14'08.2"N 126°11'16.7"E	-	RNAV 1	-
010	TF	POWIM	-	333 (324.5)	4.0	-	+3 000	@210	37°17'23.8"N 126°08'22.1"E	-	RNAV 1	-
011	TF	DH030	-	333 (324.5)	4.0	-	-	@210	37°20'39.4"N 126°05'27.2"E	-	RNAV 1	-
012	TF	DH029	-	333 (324.4)	4.0	-	-	@210	37°23'54.8"N 126°02'32.1"E	-	RNAV 1	-
013	TF	DH028	-	333 (324.4)	4.0	-	-	@210	37°27'10.2"N 125°59'36.8"E	-	RNAV 1	-
014	TF	DH021	-	063 (054.4)	6.0	-	-	@210	37°30'39.9"N 126°05'44.6"E	-	RNAV 1	-
015	TF	DH022	-	153 (144.5)	4.0	-	-	@210	37°27'24.4"N 126°08'39.8"E	-	RNAV 1	-
016	TF	DH024	-	153 (144.5)	4.0	-	-	@210	37°24'08.8"N 126°11'34.8"E	-	RNAV 1	-
017	TF	DH027	-	153 (144.5)	4.0	-	-	@210	37°20'53.1"N 126°14'29.5"E	-	RNAV 1	-
018	TF	DH023	-	063 (054.5)	6.0	-	-	@210	37°24'22.0"N 126°20'37.5"E	-	RNAV 1	-
019	TF	DH020	-	333 (324.6)	4.0	-	-	@210	37°27'37.8"N 126°17'42.9"E	-	RNAV 1	-
020	TF	DH017	-	333 (324.6)	4.0	-	-	@210	37°30'53.6"N 126°14'48.1"E	-	RNAV 1	-
021	TF	MUNAN	-	333 (324.5)	4.0	-	+3 000 for RWY 15 -2 000 +1 600 for RWY 16	-	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	IAF

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

DAEGU	ACC	134.175
		120.575
SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R, RWY 34L/R
RNAV BIKSI 2M
RNAV CUN 2M

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

True North

NOTE

1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Operation Time : 1400~1900 UTC
5. Speed and Descent at pilot's discretion.

GENERAL INFORMATION

1. These Procedures are developed based upon CDO(Continuous Descent Operations) concept.
2. Pilot should report ATC when leaving the altitude of the Top of Descent(TOD).
3. If the CDO procedure is not possible due to an emergency, weather condition and traffic, an alternate instruction will be issued by ATC or pilot can request it.
4. See RKS AD 2.22 for the details of CDO procedure.

RNAV BIKSI TWO MIKE ARRIVAL : BIKSI - KARBU - KE035 - ENPIL
RNAV YECHON TWO MIKE ARRIVAL : CUN - BIGOB - BASEM - GUKDO - GE041 - ENPIL

BIKSI 2M
268° (259.3°T)
44.7
FL 180
RK R10
5 000 AMSL
GND
RK R114
3 800 AMSL
GND
KARBU
RK R1
6 000 AMSL
GND
RK R17
FL 150
GND
RK R122
3 700 AMSL
GND
RK R35
2 500 AMSL
GND
KE035
7 000
249.6
(240.8°T)
249.6
(240.8°T)
19.6
288° (279.9°T)
7 000
25.1
291° (282.0°T)
10 000
25.1
10 000
CUN(Yechon) 2M
GE041
BASEM
18.4
FL 160
31.4° (305.1°T)
2 100 AMSL
SFC
BIGOB
31.4° (305.2°T)
FL 220
9.5
31.4° (305.3°T)
CUN(Yechon) 2M
YECHON
VOR/DME 114.8
CUN 36°37.5'N
128°19.31'E
400 ft

MOA 5
FL 400
12 000 AMSL
9 000 AMSL
3 000 AGL

MOA 6
FL 400
10 000 AMSL
9 000 AMSL
3 000 AGL

MOA 11
FL 400
12 000 AMSL

MOA 4
9 000 AMSL
3 000 AGL

MOA 10
FL 400
10 000 AMSL

HTA1
1 000 AMSL
SFC

ENPIL
(IAF)

Scale:
0 10 20 km
0 5 10 NM

Coordinates:
126°40'E 126°50'E 127°00'E 127°10'E 127°20'E 127°30'E 127°40'E 127°50'E 128°00'E 128°10'E 128°20'E 128°30'E 128°40'E

Change : Amended airspace restrictions.

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV BIKSI 2M, RNAV CUN 2M

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV BIKSI 2M

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	IF	BIKSI	-	-	-	-	-	-	37°40'32.0"N 128°35'04.0"E	-	RNAV 1	-
002	TF	KARBU	-	268 (259.3)	44.7	-	+FL 180	-	37°31'59.0"N 127°39'52.0"E	-	RNAV 1	-
003	TF	KE035	-	254 (244.9)	36.6	-	+10 000	-	37°16'18.0"N 126°58'23.2"E	-	RNAV 1	-
004	TF	ENPIL	-	249 (240.8)	13.6	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

RNAV CUN 2M

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	IF	CUN	-	-	-	-	-	-	36°37'55.3"N 128°19'31.5"E	-	RNAV 1	-
002	TF	BIGOB	-	314 (305.3)	9.5	-	+FL 220	-	36°43'25.4"N 128°09'52.0"E	-	RNAV 1	-
003	TF	BASEM	-	314 (305.2)	12.5	-	+FL 200	-	36°50'37.2"N 127°57'09.9"E	-	RNAV 1	-
004	TF	GUKDO	-	314 (305.1)	18.4	-	+FL 160	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-
005	TF	GE041	-	291 (282.0)	25.1	-	+10 000	-	37°06'19.6"N 127°07'40.9"E	-	RNAV 1	-
006	TF	ENPIL	-	288 (279.9)	19.6	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

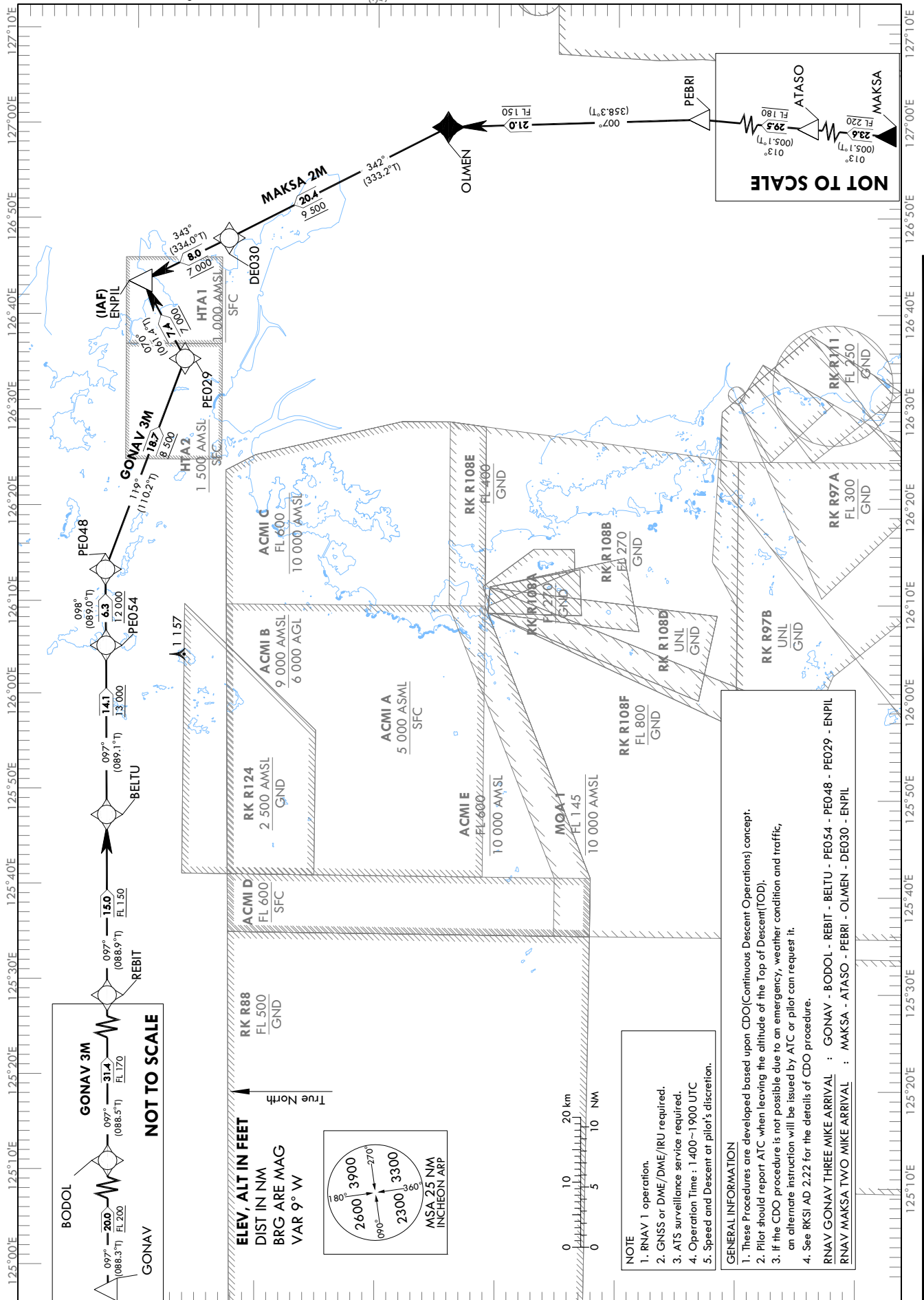
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

DAEGU ACC 132.8
INCHEON ACC 126.175
SEOUL APP 119.75 121.35
INCHEON TWR 118.2 118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV MAKSA 2M
RNAV GONAV 3M

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of upper limit for RK R88.

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV GONAV 3M, RNAV MAKSA 2M

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GONAV 3M

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	IF	GONAV	-	-	-	-	-	-	37°10'48.4"N 124°24'52.6"E	-	RNAV 1	-
002	TF	BODOL	-	097 (088.3)	20.0	-	+FL 200	-	37°11'21.6"N 124°49'53.7"E	-	RNAV 1	-
003	TF	REBIT	-	097 (088.5)	31.4	-	+FL 170	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
004	TF	BELTU	-	097 (088.9)	15.0	-	+FL 150	-	37°12'18.2"N 125°47'59.0"E	-	RNAV 1	-
005	TF	PE054	-	097 (089.1)	14.1	-	+13 000	-	37°12'30.7"N 126°05'34.8"E	-	RNAV 1	-
006	TF	PE048	-	098 (089.0)	6.3	-	+12 000	-	37°12'37.2"N 126°13'28.7"E	-	RNAV 1	-
007	TF	PE029	-	119 (110.2)	18.7	-	+8 500	-	37°06'06.2"N 126°35'26.7"E	-	RNAV 1	-
008	TF	ENPIL	-	070 (061.4)	7.4	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

RNAV MAKSA 2M

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	IF	MAKSA	-	-	-	-	-	-	35°30'11.3"N 126°54'22.0"E	-	RNAV 1	-
002	TF	ATASO	-	013 (005.1)	23.6	-	+FL 220	-	35°53'43.6"N 126°56'57.0"E	-	RNAV 1	-
003	TF	PEBRI	-	013 (005.1)	29.5	-	+FL 180	-	36°23'10.8"N 127°00'13.3"E	-	RNAV 1	-
004	TF	OLMEN	-	007 (358.3)	21.0	-	+FL 150	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-
005	TF	DE030	-	342 (333.2)	20.4	-	+9 500	-	37°02'27.1"N 126°47'57.6"E	-	RNAV 1	-
006	TF	ENPIL	-	343 (334.0)	8.0	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

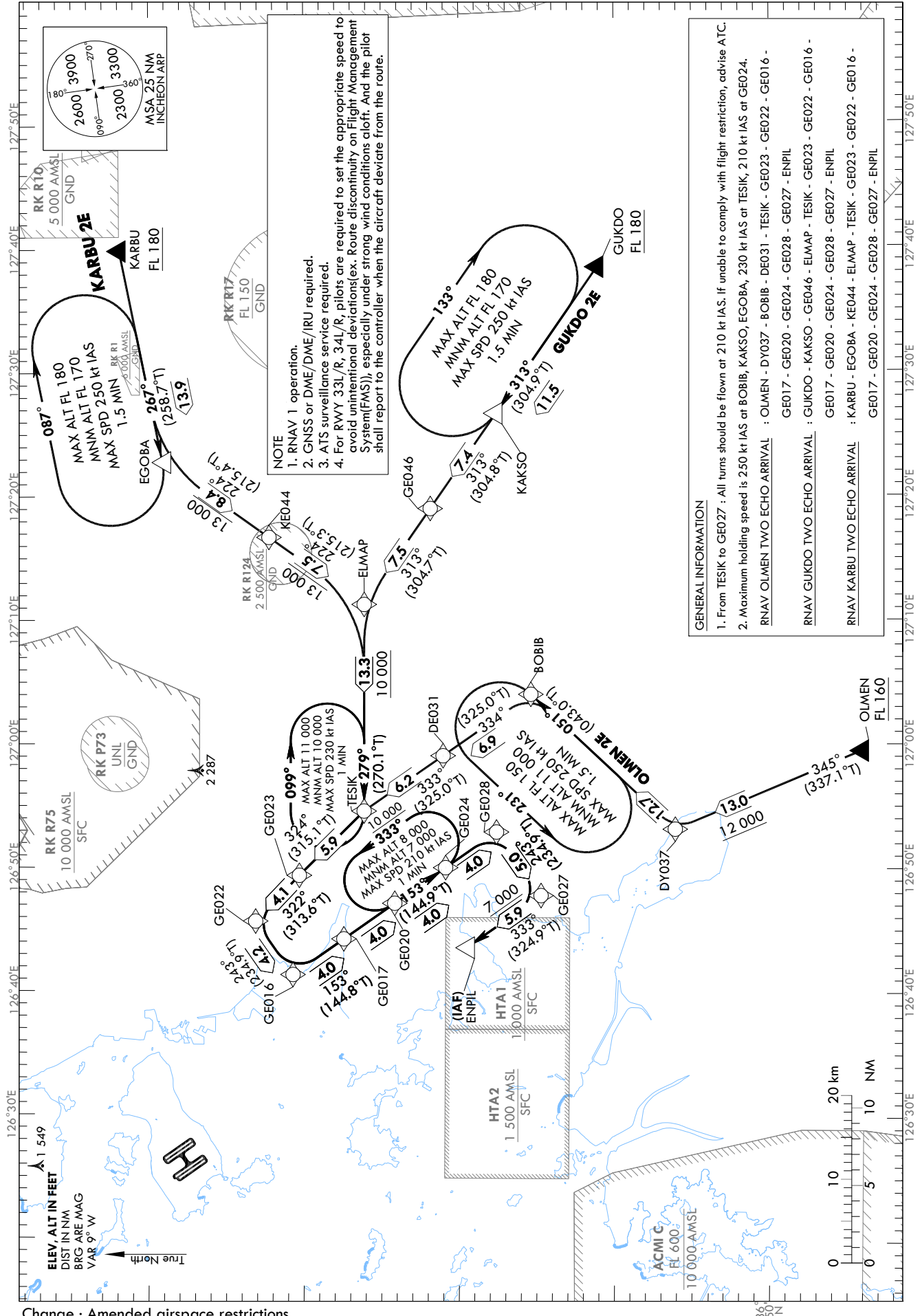
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R, RWY 34L/R
RNAV OLMEN 2E
RNAV GUKDO 2E, RNAV KARBU 2E

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions.

SEOUL/Incheon Intl(RKSI)
RWY 33L/R, RWY 34L/R
RNAV OLMEN 2E

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV OLMEN 2E													
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	IF	OLMEN	-	-	-	-	+FL 160	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-	-
002	TF	DY037	-	345 (337.1)	13.0	-	+12 000	-	36°56'12.5"N 126°53'08.4"E	-	RNAV 1	-	-
003	TF	BO81B	-	051 (043.0)	12.7	-	-	-250	37°05'31.6"N 127°03'59.2"E	-	RNAV 1	-	-
004	TF	DE031	-	334 (325.0)	6.9	-	-	-250	37°11'11.2"N 126°59'02.3"E	-	RNAV 1	-	-
005	TF	TESIK	-	333 (325.0)	6.2	-	+10 000	@210	37°16'16.6"N 126°54'34.5"E	-	RNAV 1	-	-
006	TF	GE023	-	324 (315.1)	5.9	-	-	@210	37°20'26.8"N 126°49'22.7"E	-	RNAV 1	-	-
007	TF	GE022	-	322 (313.6)	4.1	-	-	@210	37°23'15.5"N 126°45'40.4"E	-	RNAV 1	-	-
008	TF	GE016	-	243 (234.9)	4.2	-	-	@210	37°20'50.4"N 126°41'21.8"E	-	RNAV 1	-	-
009	TF	GE017	-	153 (144.8)	4.0	-	-	@210	37°17'33.9"N 126°44'15.1"E	-	RNAV 1	-	-
010	TF	GE020	-	153 (144.8)	4.0	-	-	@210	37°14'17.5"N 126°47'08.2"E	-	RNAV 1	-	-
011	TF	GE024	-	153 (144.9)	4.0	-	-	@210	37°11'00.9"N 126°50'01.0"E	-	RNAV 1	-	-
012	TF	GE028	-	153 (144.9)	4.0	-	-	@210	37°07'44.3"N 126°52'53.5"E	-	RNAV 1	-	-
013	TF	GE027	-	243 (234.9)	5.0	-	-	@210	37°04'51.6"N 126°47'46.7"E	-	RNAV 1	-	-
014	TF	ENPIL	-	333 (324.9)	5.9	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	-	IAF

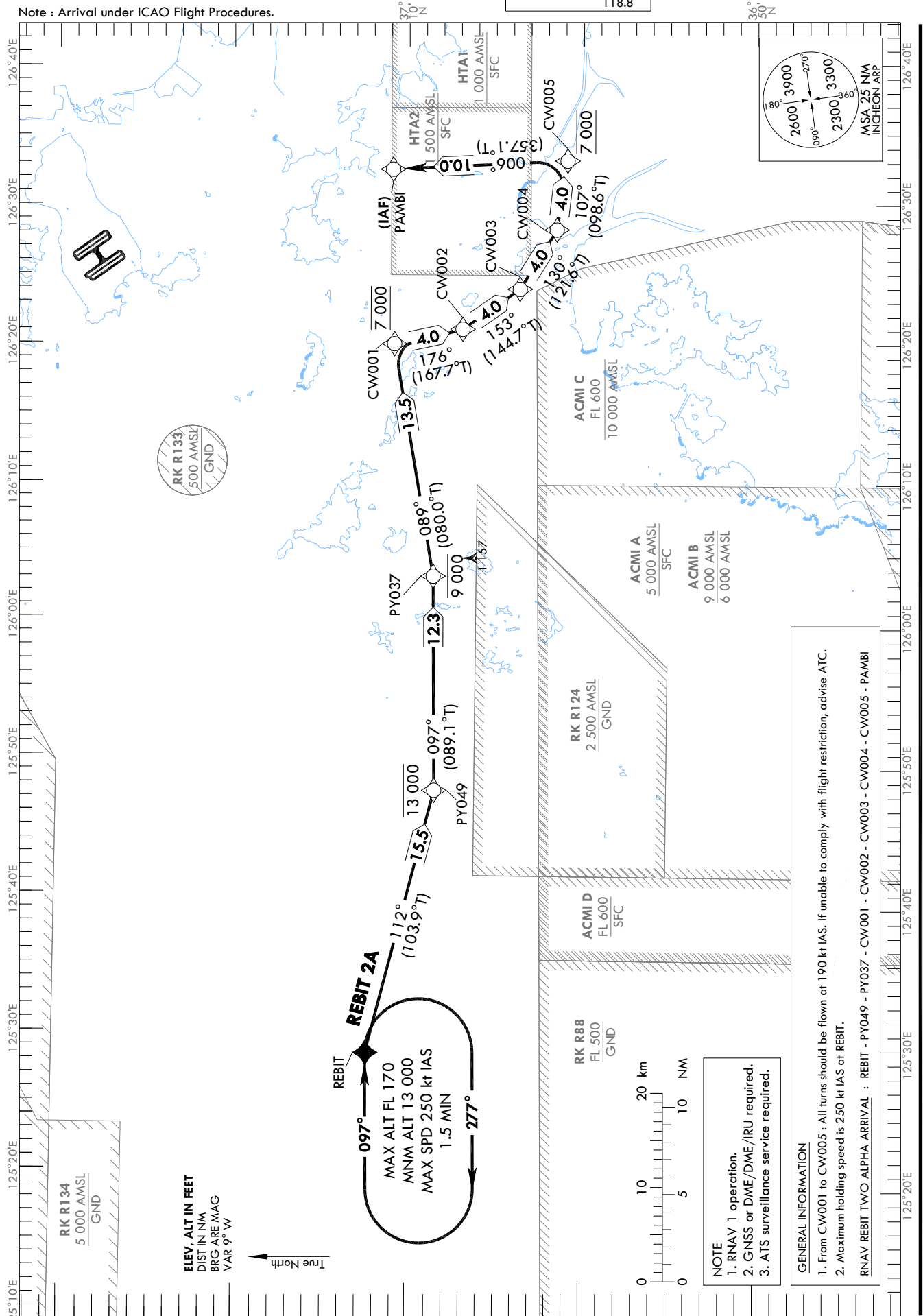
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R, RWY 34L/R
RNAV REBIT 2A

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of upper limit for RK R88.

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 2A

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	IF	REBIT	-	-	-	-	-	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	TF	PY049	-	112 (103.9)	15.5	-	-13 000	-	37°08'17.9"N 125°48'04.6"E	-	RNAV 1	-
003	TF	PY037	-	097 (089.1)	12.3	-	-9 000	-	37°08'28.1"N 126°03'25.2"E	-	RNAV 1	-
004	TF	CW001	-	089 (080.0)	13.5	-	@7 000	@190	37°10'47.3"N 126°20'03.6"E	-	RNAV 1	-
005	TF	CW002	-	176 (167.7)	4.0	-	@7 000	@190	37°06'52.4"N 126°21'07.4"E	-	RNAV 1	-
006	TF	CW003	-	153 (144.7)	4.0	-	@7 000	@190	37°03'36.4"N 126°24'00.8"E	-	RNAV 1	-
007	TF	CW004	-	130 (121.6)	4.0	-	@7 000	@190	37°01'30.3"N 126°28'16.0"E	-	RNAV 1	-
008	TF	CW005	-	107 (098.6)	4.0	-	@7 000	@190	37°00'54.3"N 126°33'12.3"E	-	RNAV 1	-
009	TF	PAMBI	-	006 (357.1)	10.0	-	-	-	37°10'54.3"N 126°32'34.4"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV REBIT 2A	-	REBIT	Y	097 (089.1)	1.5	R	-FL 170 +13 000	-250	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-

**INSTRUMENT
APPROACH
CHART - ICAO**

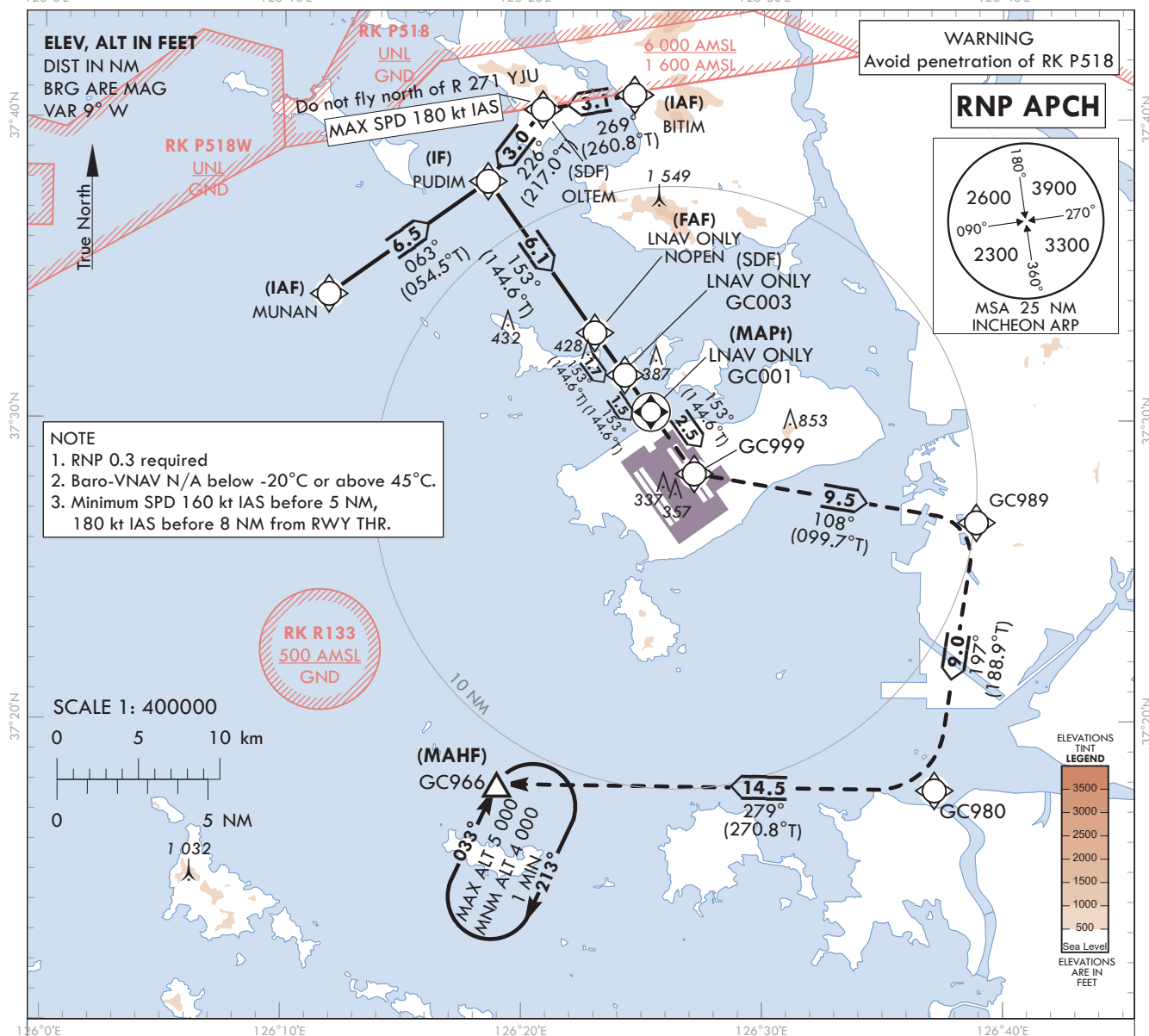
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15L - ELEV 23 ft

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 15L



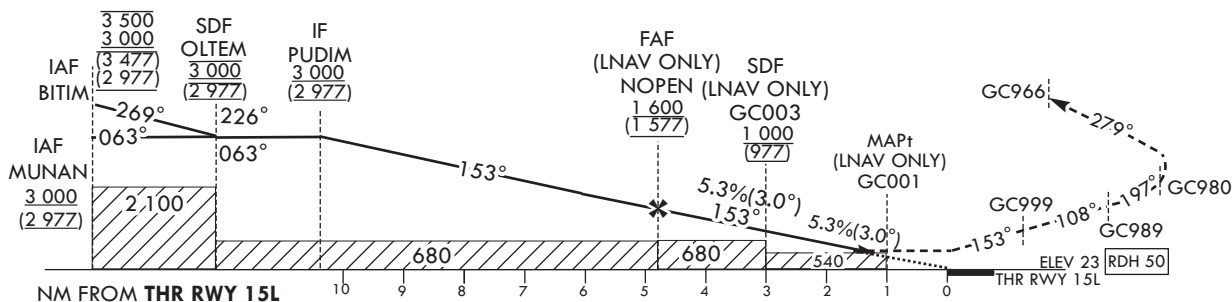
TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 4 000 ft. Track to GC999, GC989, GC980 and GC966. Hold as published.

NOTE

1. Missed approach turn limited to 210 kt IAS maximum at GC999 and GC989.



OCA (H)		A	B	C	D	Knots					
Straight-in Approach	LNAV/VNAV	460 (437)				V/V fpm	324	485	647	809	971
	LNAV	540 (517)				* Timing Not authorized for defining MAPt. * Circling Not authorized.					

SEOUL/Incheon Intl(RKSI)
RNP RWY 15L

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 15L - via MUNAN(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	MUNAN	-	-	-	-	+3 000	-	37°34'09.3"N 126°11'53.0"E	-	RNP APCH	IAF
002	TF	PUDIM	-	063 (054.5)	6.5	-	+3 000	-	37°37'54.2"N 126°18'30.0"E	-	RNP APCH	IF
003	TF	NOPEM	-	153 (144.6)	6.1	-	+1 600	-	37°32'53.5"N 126°22'58.5"E	-	RNP APCH	FAF
004	TF	GC003	-	153 (144.6)	1.7	-	+1 000	-	37°31'29.2"N 126°24'13.7"E	-	RNP APCH	SDF
005	TF	GC001	Y	153 (144.6)	1.5	-	+540	-	37°30'15.70"N 126°25'19.14"E	-3.05/50	RNP APCH	MAPt
006	TF	GC999	-	153 (144.6)	2.5	-	-	-210	37°28'13.2"N 126°27'08.2"E	-	RNP APCH	-
007	TF	GC989	-	108 (099.7)	9.5	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
008	TF	GC980	-	197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
009	TF	GC966	-	279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	-
010	HM	GC966	Y	033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 15L - via BITIM(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNP APCH	IAF
002	TF	OLTEM	-	269 (260.8)	3.1	-	@3 000	-180	37°40'18.2"N 126°20'46.3"E	-	RNP APCH	SDF
003	TF	PUDIM	-	226 (217.0)	3.0	-	+3 000	-	37°37'54.2"N 126°18'30.0"E	-	RNP APCH	IF
004	TF	NOPEM	-	153 (144.6)	6.1	-	+1 600	-	37°32'53.5"N 126°22'58.5"E	-	RNP APCH	FAF
005	TF	GC003	-	153 (144.6)	1.7	-	+1 000	-	37°31'29.2"N 126°24'13.7"E	-	RNP APCH	SDF
006	TF	GC001	Y	153 (144.6)	1.5	-	+540	-	37°30'15.70"N 126°25'19.14"E	-3.05/50	RNP APCH	MAPt
007	TF	GC999	-	153 (144.6)	2.5	-	-	-210	37°28'13.2"N 126°27'08.2"E	-	RNP APCH	-
008	TF	GC989	-	108 (099.7)	9.5	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
009	TF	GC980	-	197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
010	TF	GC966	-	279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	-
011	HM	GC966	Y	033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

**INSTRUMENT
APPROACH
CHART - ICAO**

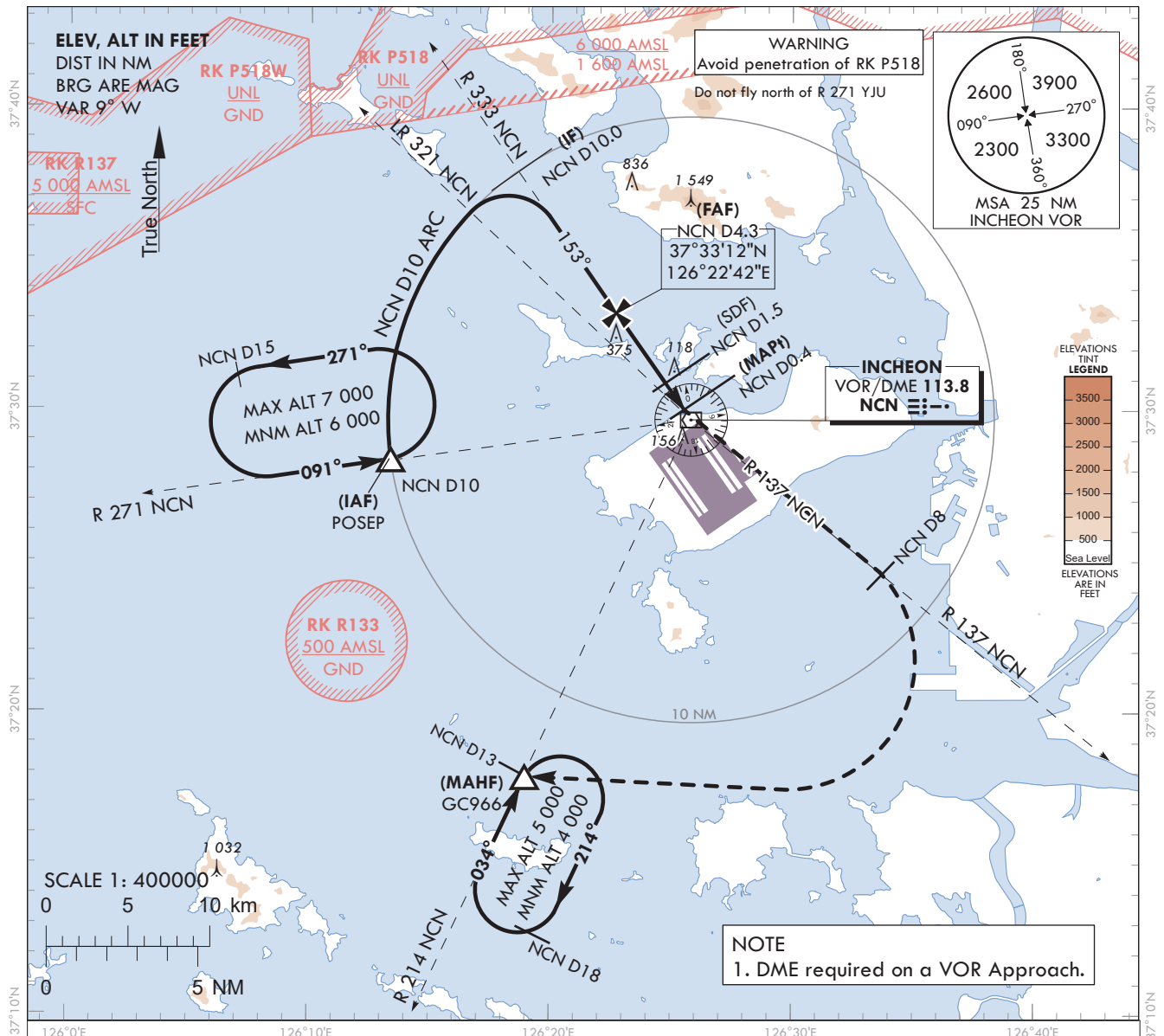
Note : Approach under ICAO Flight Procedures.
126°0'E 126°10'E 126°20'E 126°30'E 126°40'E

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15L - ELEV 23 ft

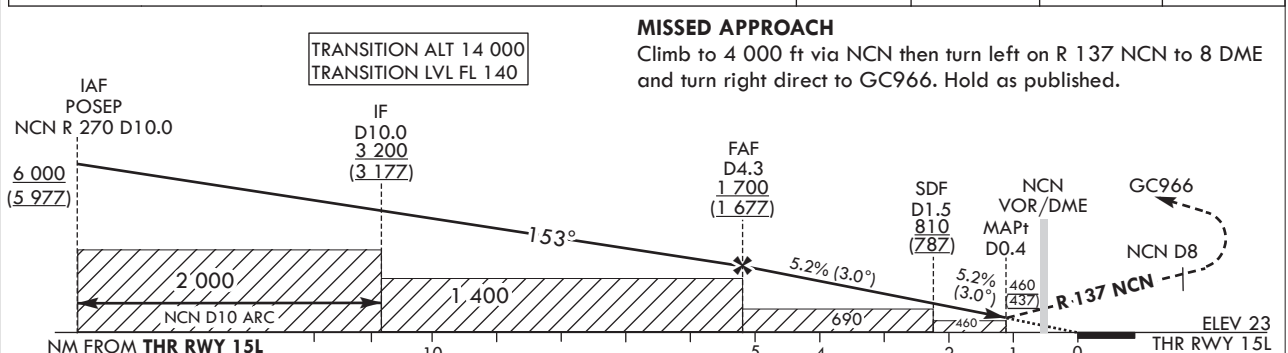
SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

VOR RWY 15L



RECOMMENDED DESCENT PROFILE	DME NCN	3	2	1
Final Approach Gradient 5.2%(317.9 ft/NM) to SDF, 5.2%(318.3 ft/NM) to THR	ALT(HGT)	1 287(1 264)	969(946)	650(627)



OCA (H)	A	B	C	D		Knots	60	90	120	150	180
Straight-in Approach	460 (437)				Rate of descent	V/V fpm	318	477	636	795	954
					* Timing Not authorized for defining MAPt. * Circling Not authorized.						

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 15L from POSEP			
Fix / Point		Coordinates	
POSEP(IAF)		37°28'21.8"N	126°13'22.0"E
D10 NCN(IF)	BRG 153.45°/10.00 NM NCN	37°37'52.4"N	126°18'33.7"E
D4.3 NCN(FAF)	BRG 153.45°/4.30 NM NCN	37°33'12.4"N	126°22'42.4"E
D1.5 NCN(SDF)	BRG 153.45°/1.50 NM NCN	37°30'55.0"N	126°24'44.2"E
D0.4 NCN(MAPt)	BRG 153.45°/0.40 NM NCN	37°30'01.0"N	126°25'32.1"E
NCN VOR/DME		37°29'41.7"N	126°25'49.2"E
THR RWY 15L	Final approach descent angle 2.99°(FAF - SDF)/3.00°(SDF - THR)	37°29'02.20"N	126°26'24.56"E
D8 NCN	R 137 NCN/8.00 NM NCN	37°24'40.1"N	126°33'39.1"E
GC966	BRG 213.53°/13.00 NM NCN	37°17'53.0"N	126°18'58.0"E

**INSTRUMENT
APPROACH
CHART - ICAO**

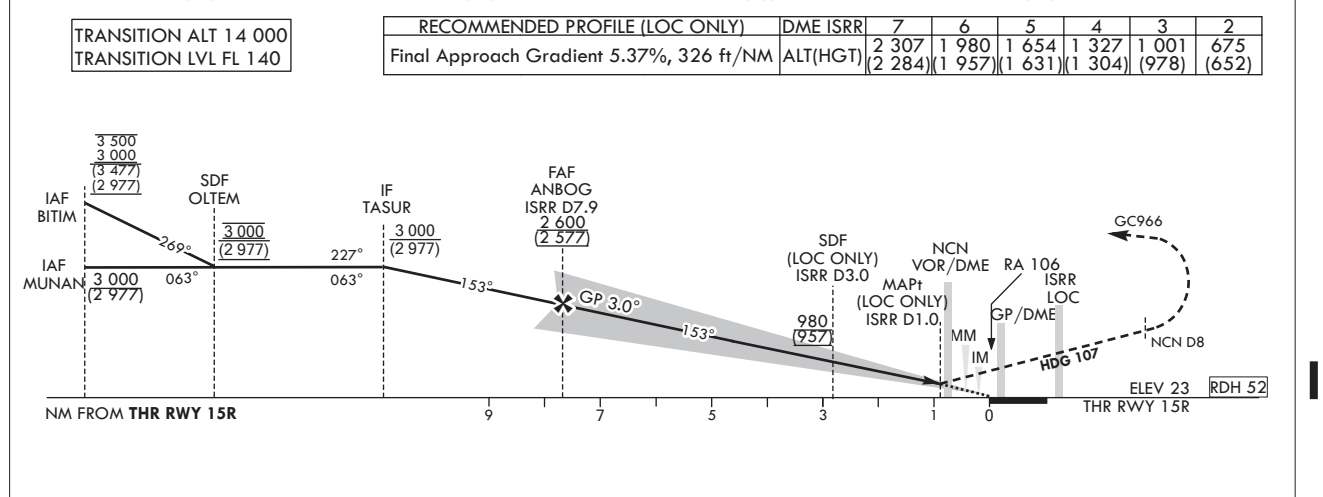
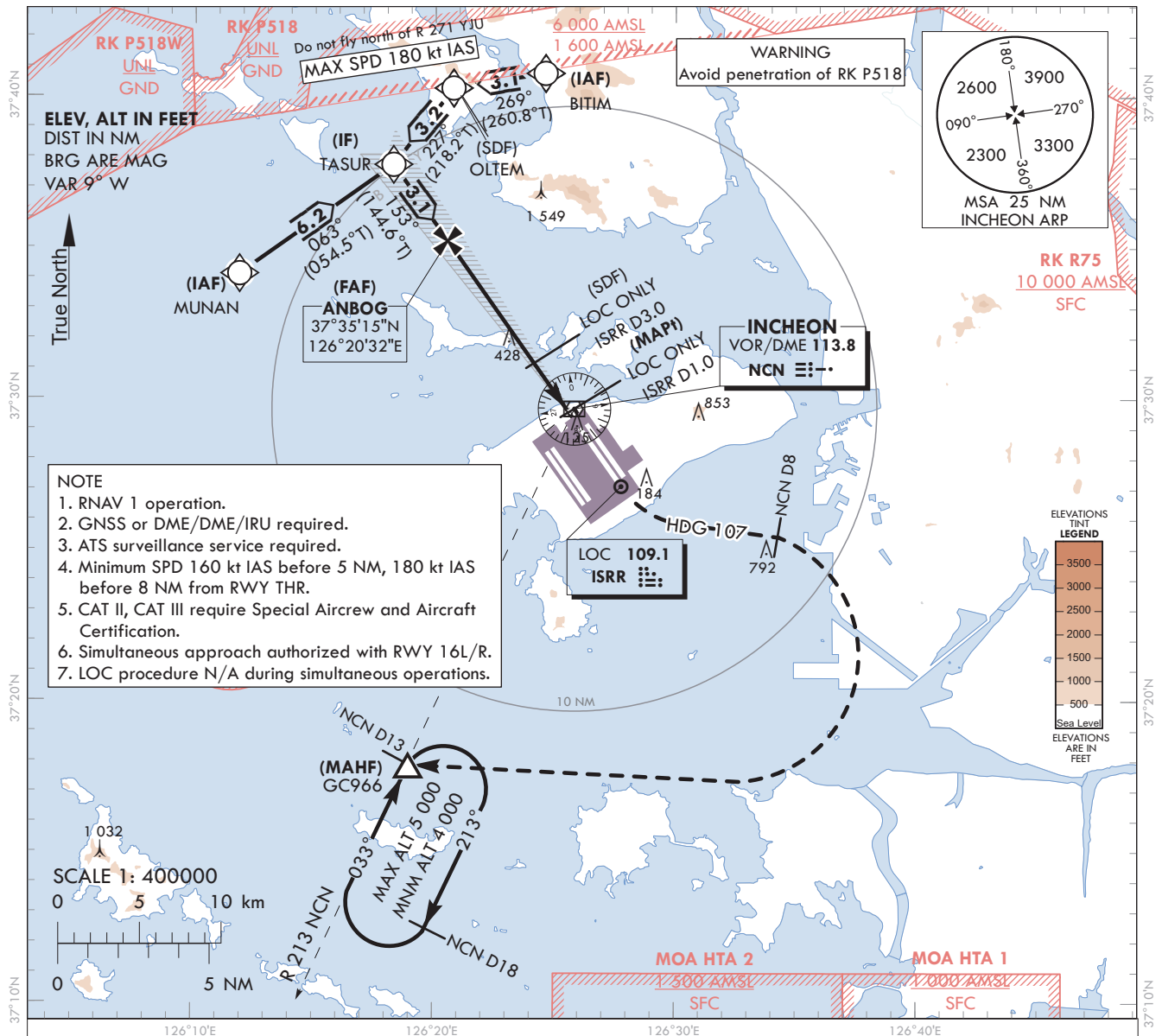
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15R - ELEV 23 ft

SEOUL APP	119.75
INCHON TWR	121.35
	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

ILS Z or LOC Z RWY 15R
CAT II & III



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	223 (200)			
	LOC	380 (357)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH

Fly RWY heading climb to 4 000 ft. At 720 ft, turn left heading 107. At NCN 8 DME, turn right direct to GC966. Hold as published. Do not turn before passing MAPt.

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Amended chart symbol.

SEOUL/Incheon Intl(RKSI)
ILS Z or LOC Z RWY 15R
CAT II & III

AERONAUTICAL DATA TABULATION

ILS Z/LOC Z Approach to RWY 15R from MUNAN to TASUR(IF)	
Fix / Point	Coordinates
MUNAN(IAF)	37°34'09.3"N 126°11'53.0"E
TASUR(IF)	37°37'46.4"N 126°18'16.2"E

ILS Z/LOC Z Approach to RWY 15R from BITIM to TASUR(IF)	
Fix / Point	Coordinates
BITIM(IAF)	37°40'48.0"N 126°24'36.1"E
OLTEM(SDF)	37°40'18.2"N 126°20'46.3"E
TASUR(IF)	37°37'46.4"N 126°18'16.2"E

ILS Z/LOC Z Approach to RWY 15R from TASUR(IF) to MAHF	
Fix / Point	Coordinates
ANBOG(FAF) BRG 153.15°/7.92 NM ISRR	37°35'14.6"N 126°20'31.9"E
D3.0 ISRR (SDF LOC ONLY) BRG 153.15°/3.00 NM ISRR	37°31'13.4"N 126°24'07.1"E
D1.0 ISRR (MAPt LOC ONLY) BRG 153.15°/1.00 NM ISRR	37°29'35.4"N 126°25'34.4"E
NCN VOR/DME	37°29'41.7"N 126°25'49.2"E
THR RWY 15R	37°28'54.44"N 126°26'10.82"E
ISRR DME	37°28'48.7"N 126°26'21.9"E
Climb to 720 ft HDG 153	-
D8 NCN HDG 107	-
GC966 BRG 213.08°/13.00 NM NCN	37°17'53.0"N 126°18'58.0"E

**INSTRUMENT
APPROACH
CHART - ICAO**

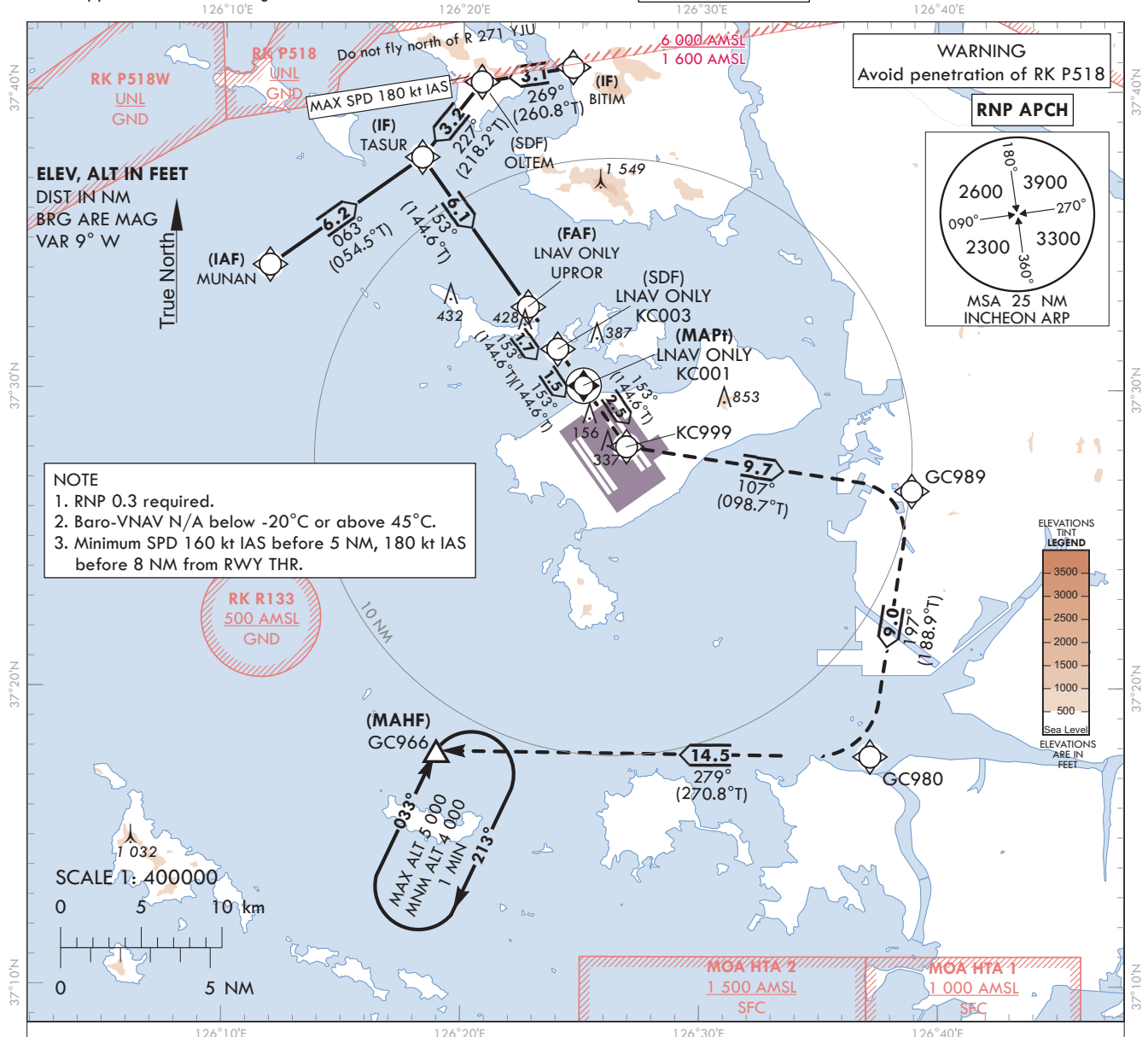
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15R - ELEV 23 ft

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 15R

Note : Approach under ICAO Flight Procedures.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 4 000 ft. Track to KC999, GC989, GC980 and GC966. Hold as published.

NOTE

1. Missed approach turn limited to 210 kt IAS maximum at KC999 and GC989.

The chart illustrates the missed approach procedure for THR RWY 15R. It begins with a climb from 2 977 ft to 3 000 ft. The initial track is 269°, then turns to 063° at IAF BITIM. At SDF OLTEM, the track turns to 227°. At IF TASUR, the track turns to 063°. At FAF UPROR, the track turns to 153°. The chart also shows the transition to THR RWY 15R at ELEV 23 RDH 50. Key points include IAF BITIM, SDF OLTEM, IF TASUR, FAF UPROR, and MAPt KC003. The chart also shows the transition to THR RWY 15R at ELEV 23 RDH 50.

OCA (H)		A	B	C	D	Knots						
Straight-in Approach	LNAV/VNAV	460 (437)				Rate of descent	V/V fpm	60	90	120	150	180
	LNAV	540 (517)				* Timing Not authorized for defining MAPt. * Circling Not authorized.						

Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 15R - via MUNAN(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	MUNAN	-	-	-	+3 000	-	37°34'09.3"N 126°11'53.0"E	-	RNP APCH	IAF
002	TF	TASUR	- 063 (054.5)	6.2	-	+3 000	-	37°37'46.4"N 126°18'16.2"E	-	RNP APCH	IF
003	TF	UPROR	- 153 (144.6)	6.1	-	+1 600	-	37°32'45.7"N 126°22'44.8"E	-	RNP APCH	FAF
004	TF	KC003	- 153 (144.6)	1.7	-	+1 000	-	37°31'21.4"N 126°23'59.9"E	-	RNP APCH	SDF
005	TF	KC001	Y 153 (144.6)	1.5	-	+540	-	37°30'07.93"N 126°25'05.40"E	-3.05/50	RNP APCH	MAPt
006	TF	KC999	- 153 (144.6)	2.5	-	-	-210	37°28'05.4"N 126°26'54.4"E	-	RNP APCH	-
007	TF	GC989	- 107 (098.7)	9.7	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
008	TF	GC980	- 197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
009	TF	GC966	- 279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	-
010	HM	GC966	Y 033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 15R - via BITIM(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNP APCH	IAF
002	TF	OLTEM	- 269 (260.8)	3.1	-	@3 000	-180	37°40'18.2"N 126°20'46.3"E	-	RNP APCH	SDF
003	TF	TASUR	- 227 (218.2)	3.2	-	+3 000	-	37°37'46.4"N 126°18'16.2"E	-	RNP APCH	IF
004	TF	UPROR	- 153 (144.6)	6.1	-	+1 600	-	37°32'45.7"N 126°22'44.8"E	-	RNP APCH	FAF
005	TF	KC003	- 153 (144.6)	1.7	-	+1 000	-	37°31'21.4"N 126°23'59.9"E	-	RNP APCH	SDF
006	TF	KC001	Y 153 (144.6)	1.5	-	+540	-	37°30'07.93"N 126°25'05.40"E	-3.05/50	RNP APCH	MAPt
007	TF	KC999	- 153 (144.6)	2.5	-	-	-210	37°28'05.4"N 126°26'54.4"E	-	RNP APCH	-
008	TF	GC989	- 107 (098.7)	9.7	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
009	TF	GC980	- 197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
010	TF	GC966	- 279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	-
011	HM	GC966	Y 033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

**INSTRUMENT
APPROACH
CHART - ICAO**

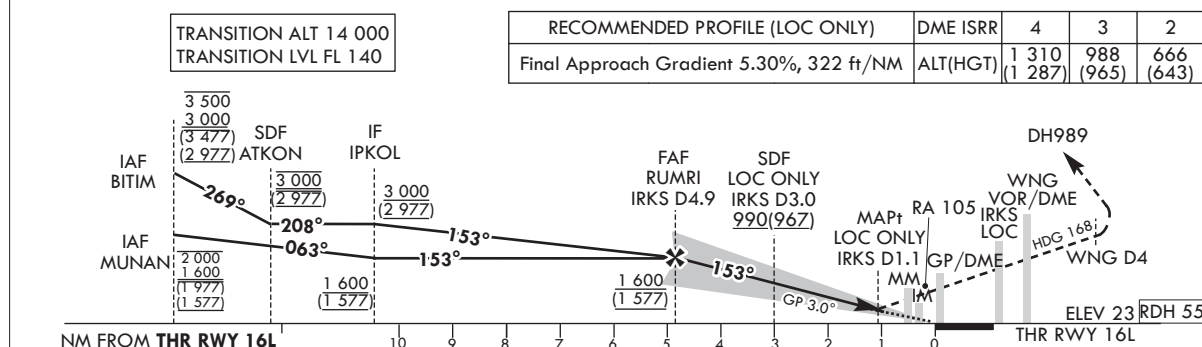
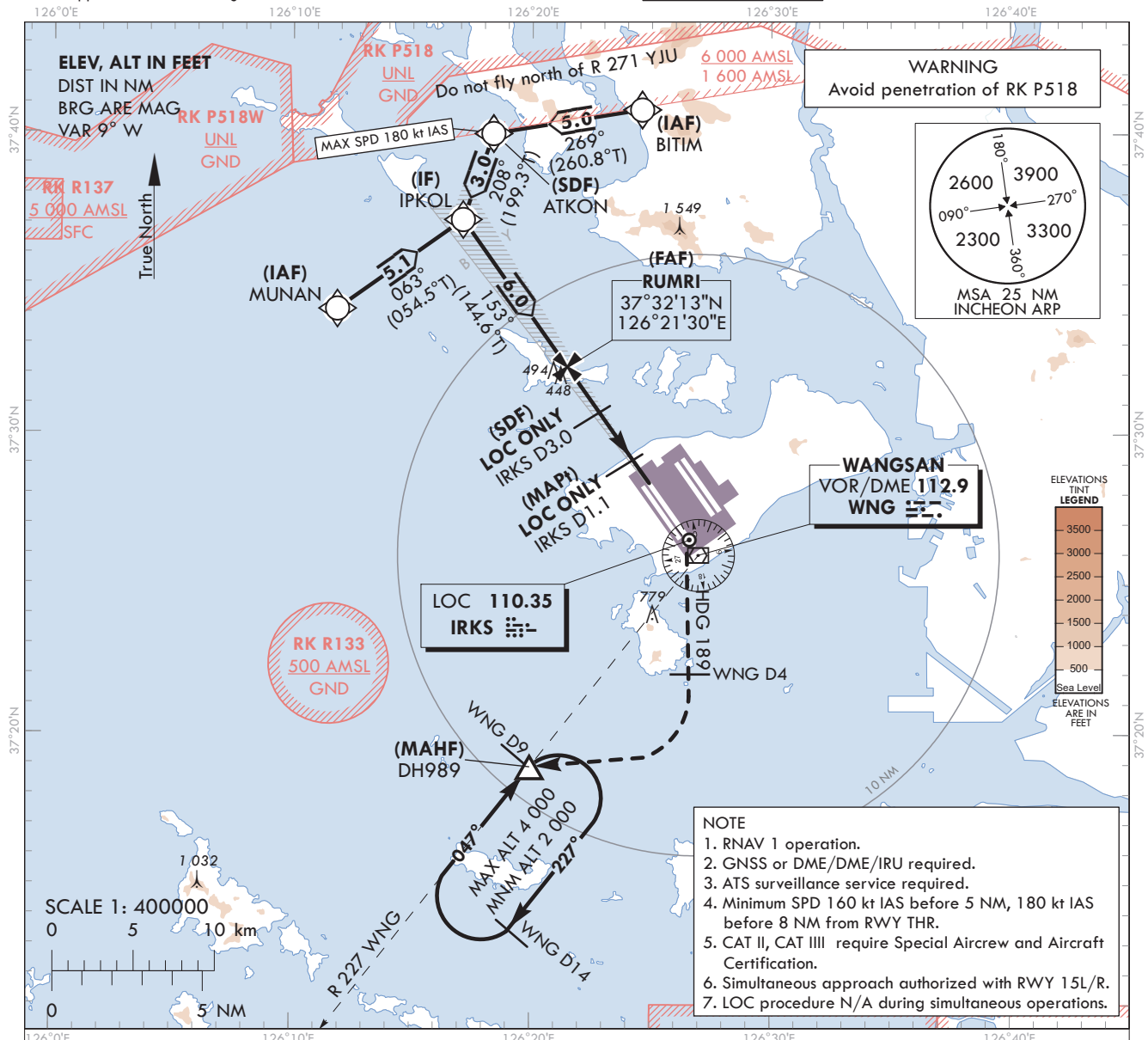
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS ELEV TO
THR RWY 16L - ELEV 23 ft

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 16L
CAT II & III



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	460 (437)			
	CAT-I (CG 4.0%)	223 (200)			
	LOC	410 (387)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH

Fly RWY heading, climb to 2 000 ft. At 500 ft, turn right heading 189. At WNG 4 DME, turn right direct to DH989. Hold as published. Do not turn before passing MAPt.

NOTE

1. Missed approach turn limited to 210 kt IAS maximum.
2. Missed approach minimum climb gradient of 2.5% to 2 000 ft (OCH 437 or 387), 4.0% to 2 000 ft (OCH 200 or 100).

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Amended chart symbol.

SEOUL/Incheon Intl(RKSI)
ILS or LOC RWY 16L
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 16L from MUNAN to IPKOL(IF)		
Fix / Point	Coordinates	
MUNAN(IAF)	37°34'09.3"N	126°11'53.0"E
IPKOL(IF)	37°37'07.4"N	126°17'07.3"E

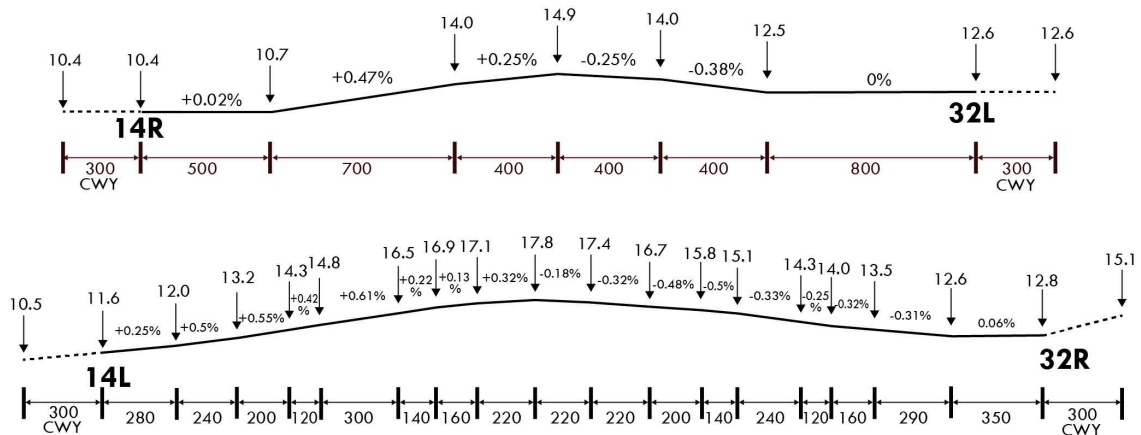
ILS/LOC Approach to RWY 16L from BITIM to IPKOL(IF)		
Fix / Point	Coordinates	
BITIM(IAF)	37°40'48.0"N	126°24'36.1"E
ATKON(SDF)	37°39'59.6"N	126°18'23.2"E
IPKOL(IF)	37°37'07.4"N	126°17'07.3"E

ILS/LOC Approach to RWY 16L from IPKOL(IF) to MAHF		
Fix / Point	Coordinates	
RUMRI(FAF)	BRG 153.16°/4.89 NM IRKS	37°32'12.9"N 126°21'30.4"E
D3.0 IRKS(SDF) (LOC ONLY)	BRG 153.16°/3.00 NM IRKS	37°30'40.6"N 126°22'52.7"E
D1.1 IRKS(MAPt) (LOC ONLY)	BRG 153.16°/1.10 NM IRKS	37°29'07.4"N 126°24'15.7"E
THR RWY 16L		37°28'22.11"N 126°24'56.05"E
IRKS DME		37°28'11.4"N 126°24'59.7"E
WNG VOR/DME		37°25'58.6"N 126°27'00.0"E
Climb to 500 ft	HDG 153	-
D4 WNG	HDG 189	-
DH989	BRG 226.64°/9.00 NM WNG	37°18'55.0"N 126°19'59.0"E

RKSS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations Runway NR	True bearing	Dimension of RWY(m)	Strength(PCR) and surface of RWY and SWY	THR coordinates RWY end coordinates THR Geoid Undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
14R	135.00°	3 200 × 60	693/F/B/X/T Asphalt	373406.19N 1264631.60E 373252.83N 1264803.71E GUND 22.9 m	THR 10.4 m/34.1 ft TDZ 12.6 m/41.3 ft
32L	315.02°	3 200 × 60	693/F/B/X/T Asphalt	373252.83N 1264803.71E 373406.19N 1264631.60E GUND 22.9 m	THR 12.6 m/41.3 ft TDZ 12.9 m/42.3 ft
14L	135.01°	3 600 × 45	- 693/F/B/X/T Asphalt - 1 006/R/B/W/T Concrete (156 m from RWY THR)	373414.55N 1264641.80E 373251.89N 1264825.58E GUND 22.9 m	THR 11.6 m/38.0 ft TDZ 15.1 m/49.5 ft
32R	315.03°	3 600 × 45	- 693/F/B/X/T Asphalt - 1 006/R/B/W/T Concrete (151 m from RWY THR)	373251.89N 1264825.58E 373414.55N 1264641.80E GUND 23.0 m	THR 12.8 m/41.9 ft TDZ 13.8 m/45.2 ft

7. Slope of RWY-SWY



Designations Runway NR	SWY dimensions(m)	CWY dimensions(m)	Strip dimensions(m)	RESA dimensions(m)	Location & description of arresting system	OFZ
1	8	9	10	11	12	13
14R	NIL	300 × 300	3 320 × 300	259 × 150	NIL	Conforms to the standards specified in ANNEX 14, Chapter 4.
32L	NIL	300 × 300	3 320 × 300	250 × 150	NIL	
14L	NIL	300 × 300	3 720 × 300	260 × 150	NIL	
32R	NIL	300 × 300	3 720 × 300	255 × 150	NIL	

14. Remarks

- The surface of RWY 14R/32L and 14L/32R are grooved.
(Except 156 m from 14L RWY THR and 151 m from 32R RWY THR)
- Due to each different level on RWY, ACFIT may not be sighted on opposite ends of the RWY.

Change : Amended column of table.

RKSS AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
14L	3 600	3 900	3 600	3 600	Take-off from intersection with TWY G2
14L	3 144	3 444	3 144	-	Take-off from intersection with TWY F2
14L	2 775	3 075	2 775	-	Take-off from intersection with TWY E2
14L	2 010	2 310	2 010	-	Take-off from intersection with TWY D3
14L	2 010	2 310	2 010	-	Take-off from intersection with TWY D1
14L	1 824	2 124	1 824	-	Take-off from intersection with TWY D2
14L	1 190	1 490	1 190	-	Take-off from intersection with TWY C3
14L	1 190	1 490	1 190	-	Take-off from intersection with TWY C1
14L	1 000	1 300	1 000	-	Take-off from intersection with TWY C2
32R	3 600	3 900	3 600	3 600	Take-off from intersection with TWY A
32R	3 147	3 447	3 147	-	Take-off from intersection with TWY B2
32R	2 410	2 710	2 410	-	Take-off from intersection with TWY C2
32R	2 410	2 710	2 410	-	Take-off from intersection with TWY C1
32R	2 221	2 521	2 221	-	Take-off from intersection with TWY C3
32R	1 590	1 890	1 590	-	Take-off from intersection with TWY D2
32R	1 590	1 890	1 590	-	Take-off from intersection with TWY D1
32R	1 400	1 700	1 400	-	Take-off from intersection with TWY D3
32R	740	1 040	740	-	Take-off from intersection with TWY E1
14R	3 200	3 500	3 200	3 200	Take-off from intersection with TWY G1
14R	1 983	2 283	1 983	-	Take-off from intersection with TWY E1
14R	1 610	1 910	1 610	-	Take-off from intersection with TWY D1
14R	1 200	1 500	1 200	-	Take-off from intersection with TWY W2
14R	920	1 220	920	-	Take-off from intersection with TWY C1
14R	800	1 100	800	-	Take-off from intersection with TWY W1
32L	3 200	3 500	3 200	3 200	Take-off from intersection with TWY B1
32L	2 400	2 700	2 400	-	Take-off from intersection with TWY W1
32L	2 000	2 300	2 000	-	Take-off from intersection with TWY C1
32L	2 000	2 300	2 000	-	Take-off from intersection with TWY W2
32L	1 590	1 890	1 590	-	Take-off from intersection with TWY D1
32L	914	1 214	914	-	Take-off from intersection with TWY E1

RKSS AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY	APCH LGT type LEN INTST	THR LGT Colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Center Line LGT Length, Spacing Colour, INTST	RWY edge LGT LEN, Spacing Colour INTST	RWY End LGT Colour WBAR	SWY LGT LEN(m) Colour	Remarks
1	2	3	4	5	6	7	8	9	10
32R	ALSF-II 900 m LIH	Green -	PAPI Left/3° (67.6 ft)	900 m	NIL	3 600 m 60 m White/Yellow LIH	Red -	NIL	NIL
14L	ALSF-II 900 m LIH	Green -	PAPI Left/3° (71.9 ft)	900 m	NIL	3 600 m 60 m White/Yellow LIH	Red -	NIL	NIL
32L	ALSF-I 750 m LIH	Green -	PAPI Left/3° (64.3 ft)	NIL	3 200 m 15 m White/Red LIH	3 200 m 60 m White/Yellow LIH	Red -	NIL	NIL
14R	ALSF-II 900 m LIH	Green -	PAPI Left/3° (64.3 ft)	900 m	3 200 m 15 m White/Red LIH	3 200 m 60 m White/Yellow LIH	Red -	NIL	NIL

RKSS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN : At APN TWR FLG W&G EV 2.5 SEC IBN : NIL H24
2	LDI location and lighting Anemometer location and lighting	LDI : NIL Anemometer : NIL
3	TWY edge and center line lighting	Edge : All TWY Center line : All TWY (except : W1, W2, Part of R(P1~NR. 121)) * TWY CL lights are not installed on the parts of the taxi routes crossing over RWY 14L/32R, but are installed only BTN TWY B1 and B2, TWY G1 and G2, TWY C1 and C2, TWY E1 and E2.
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at AD Switch-over time : 1 or 15 SEC according to kind of lights (Complied with ICAO requirements)
5	Remarks	NIL

RKSS AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	H3 : 373321.30N 1264713.69E H4 : 373302.36N 1264737.39E
2	TLOF and/or FATO elevation	H3 : 9.897 m(32.470 ft) H4 : 9.971 m(32.713 ft)
3	TLOF and FATO area dimensions, surface, strength, marking	H3, H4 : Rectangle 25.4 x 25.4 m, concrete PCR 1 006/R/B/W/T, white edges and white letter H
4	True and MAG BRG of FATO	H3, H4 : 135/315° GEO, 144/324° MAG Direction of H3 : 135° GEO, 144° MAG Direction of H4 : 315° GEO, 324° MAG
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	As directed by ATC

RKSS AD 2.17 ATS AIRSPACE

1	Designation and lateral limit	Gimpo CTR A circle, radius 5 NM centered at (ARP)
2	Vertical limits	SFC to 3 000 ft AGL
3	Airspace classification	B
4	ATS unit call sign Languages	Gimpo Tower English / Korean
5	Transition altitude	14 000 ft AMSL
6	Operational hours	H24
7	Remarks	NIL

RKSS AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Gimpo Tower	118.1 MHz* 118.05 MHz** 240.9 MHz*	H24	NIL
GND	Gimpo Ground	121.9 MHz* 121.95 MHz**	H24	NIL
APN	Gimpo Apron	130.875 MHz(PRIMARY)* 131.325 MHz* 129.525 MHz** 131.375 MHz**	H24	NIL
De-icing	Gimpo De-icing	131.175MHz	H24	When De-icing, refer to RKSS AD 2-13(De-icing operations)
Delivery	Gimpo Delivery	121.975 MHz**	H24	Digital PDC service Available
ATIS	Gimpo INTL Airport	126.4 MHz** 317.8 MHz*	H24	1. Digital ATIS service Available 2. ATIS telephone service Available (Refer to RKSS AD 2-31 for detail)
APP	Seoul Approach	119.05 MHz** 119.1 MHz* 120.8 MHz** 124.2 MHz**	119.75 MHz** 124.7 MHz* 121.35 MHz* 293.3 MHz**	H24 NIL
VFR		123.25 MHz** 363.8 MHz*	123.8 MHz* 305.7 MHz*	
DEP	Seoul Departure	121.4 MHz** 125.15 MHz**	124.8 MHz* 353.2 MHz*	H24 NIL
EMERG		121.5 MHz*	243.0 MHz**	H24 NIL
Scheduled Inspection Time				
* : Every 1st THU(1500-2000 UTC) of the month				
** : Every 3rd THU(1500-2000 UTC) of the month				

RKSS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OPS	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR/DME (9° W/2020)	KIP	113.60 MHz (CH 83X)	H24	373327.1N 1264731.3E	30 m	VOR/DME unusable RDL 331 clockwise RDL 099 not flight checked RDL 270 clockwise RDL 278 beyond 15 NM below 3 500 ft AMSL RDL 290 clockwise RDL 310 beyond 15 NM due to RK P518 RDL 311 clockwise RDL 330 beyond 12 NM due to RK P518 Scheduled Inspection time : Every 2nd TUE(1500-1800 UTC) of the month
LOC 14R (9° W/2020) ILS CAT II/III (9° W/2020)	IOFR	108.70 MHz	H24	373245.5N 1264812.9E	-	RWY 14R LOC unusable beyond 12 NM FM GP-DME and beyond 10° Left side of the course not flight check due to RK P518
GP 14R	-	330.5 MHz	H24	373401.8N 1264644.0E	-	Scheduled Inspection time : Every 1st THU(1400-1900 UTC) of the month
DME 14R	IOFR	985 MHz (CH 24X)	H24	373401.9N 1264644.2E	30 m	
IM 14R	-	75 MHz	H24	373413.7N 1264622.1E		

Change : Information of remarks for VOR/DME unusable.

SEOUL/Gimpo Intl(RKSS)
RWY 14L/R
RNAV OSPOT 2U, RNAV EGOBA 2U

Note : Departure under ICAO Flight Procedure.

EGOBA 2U

OSPOT 2U

GENERAL INFORMATION

1. 6.5% climb is required until reaching FL 170 for ATC purpose.
- 1-1. OSPOT 2U : Minimum 5.9% CG is required until 1 000 ft for OBST ① avoidance.
- 1-2. EGOBA 2U : Minimum 5.9% CG is required until 1 000 ft for OBST ① avoidance and Minimum 4.7% CG is required until 4 000 ft for OBST ② avoidance.
2. If unable to comply with flight restrictions or RNAV 1, advise ATC for alternative.

RNAV OSPOT TWO UNIFORM DEPARTURE : UD050 - UD060 - UD080 - UD100 - UD130 - OSPOT

RNAV EGOBA TWO UNIFORM DEPARTURE : UD050 - SEL - EGOBA

NOTE

1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.

Change : Amended airspace restrictions.

AIP AMDT 7/25

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV OSPOT 2U

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	UD050	-	14L-144(135.0) 14R-141(132.4)	14L-4.0 14R-4.2	R	-	-	37°30'01.9"N 126°51'58.7"E	-	RNAV 1	-
002	TF	UD060	-	171 (162.3)	8.1	-	-6 000	-	37°22'16.6"N 126°55'04.6"E	-	RNAV 1	-
003	TF	UD080	-	154 (145.5)	10.0	-	@8 000	-	37°14'03.3"N 127°02'08.6"E	-	RNAV 1	-
004	TF	UG100	-	156 (147.5)	9.1	-	+10 000	-	37°06'24.1"N 127°08'13.9"E	-	RNAV 1	-
005	TF	UG130	-	156 (147.8)	10.2	-	@13 000	-	36°57'45.7"N 127°15'01.2"E	-	RNAV 1	-
006	TF	OSPOT	-	156 (147.6)	8.8	-	+FL 145	-	36°50'18.1"N 127°20'54.9"E	-	RNAV 1	-

RNAV EGOBA 2U

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	UD050	-	14L-144(135.0) 14R-141(132.4)	14L-4.0 14R-4.2	R	-	-	37°30'01.9"N 126°51'58.7"E	-	RNAV 1	-
002	TF	SEL	-	159 (150.3)	6.0	-	-6 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
003	TF	EGOBA	-	087 (078.3)	22.0	-	-9 000	-	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-

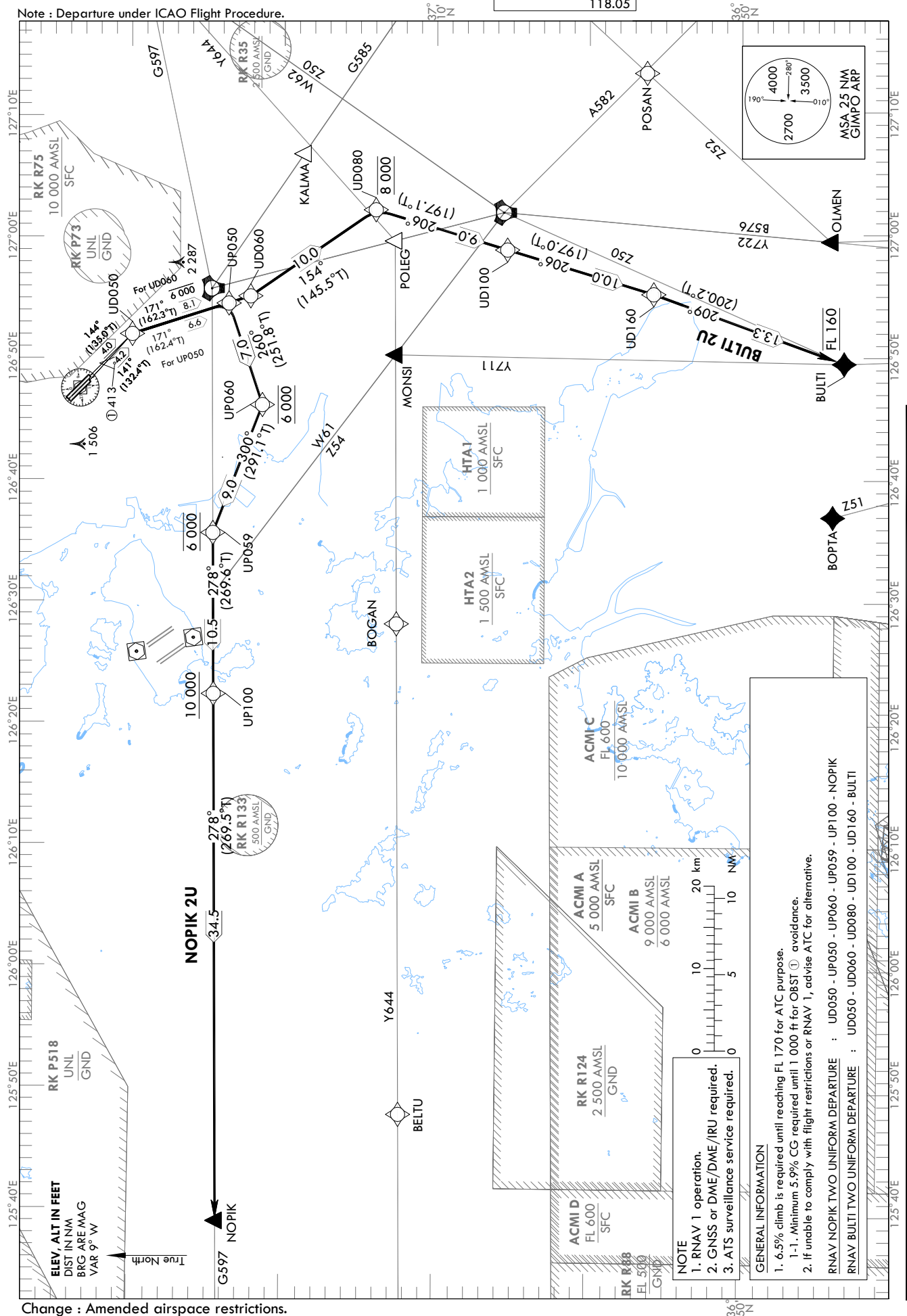
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL	DEP	125.15
		121.4
		124.8
GIMPO	TWR	118.1
		118.05

SEOUL/Gimpo Intl(RKSS)
RWY 14L/R
RNAV NOPIK 2U, RNAV BULTI 2U

Note : Departure under ICAO Flight Procedure.



Change : Amended airspace restrictions.

SEOUL/Gimpo Intl(RKSS)

RWY 14L/R

RNAV NOPIK 2U, RNAV BULTI 2U

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV NOPIK 2U

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	UD050	-	14L-144(135.0) 14R-141(132.4)	14L-4.0 14R-4.2	R	-	-	37°30'01.9"N 126°51'58.7"E	-	RNAV 1	-
002	TF	UP050	-	171 (162.4)	6.6	-	-	-	37°23'42.2"N 126°54'29.3"E	-	RNAV 1	-
003	TF	UP060	-	260 (251.8)	7.0	-	@6 000	-	37°21'30.5"N 126°46'08.9"E	-	RNAV 1	-
004	TF	UP059	-	300 (291.1)	9.0	-	@6 000	-	37°24'43.8"N 126°35'37.7"E	-	RNAV 1	-
005	TF	UP100	-	278 (269.6)	10.5	-	+10 000	-	37°24'38.7"N 126°22'23.8"E	-	RNAV 1	-
006	TF	NOPIK	-	278 (269.5)	34.5	-	-	-	37°24'12.0"N 125°39'05.0"E	-	RNAV 1	-

RNAV BULTI 2U

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	CF	UD050	-	14L-144(135.0) 14R-141(132.4)	14L-4.0 14R-4.2	R	-	-	37°30'01.9"N 126°51'58.7"E	-	RNAV 1	-
002	TF	UD060	-	171 (162.3)	8.1	-	-6 000	-	37°22'16.6"N 126°55'04.6"E	-	RNAV 1	-
003	TF	UD080	-	154 (145.5)	10.0	-	@8 000	-	37°14'03.3"N 127°02'08.6"E	-	RNAV 1	-
004	TF	UD100	-	206 (197.1)	9.0	-	-	-	37°05'26.4"N 126°58'50.5"E	-	RNAV 1	-
005	TF	UD160	-	206 (197.0)	10.0	-	-	-	36°55'51.6"N 126°55'11.3"E	-	RNAV 1	-
006	TF	BULTI	-	209 (200.2)	13.3	-	@FL 160	-	36°43'22.3"N 126°49'29.7"E	-	RNAV 1	-

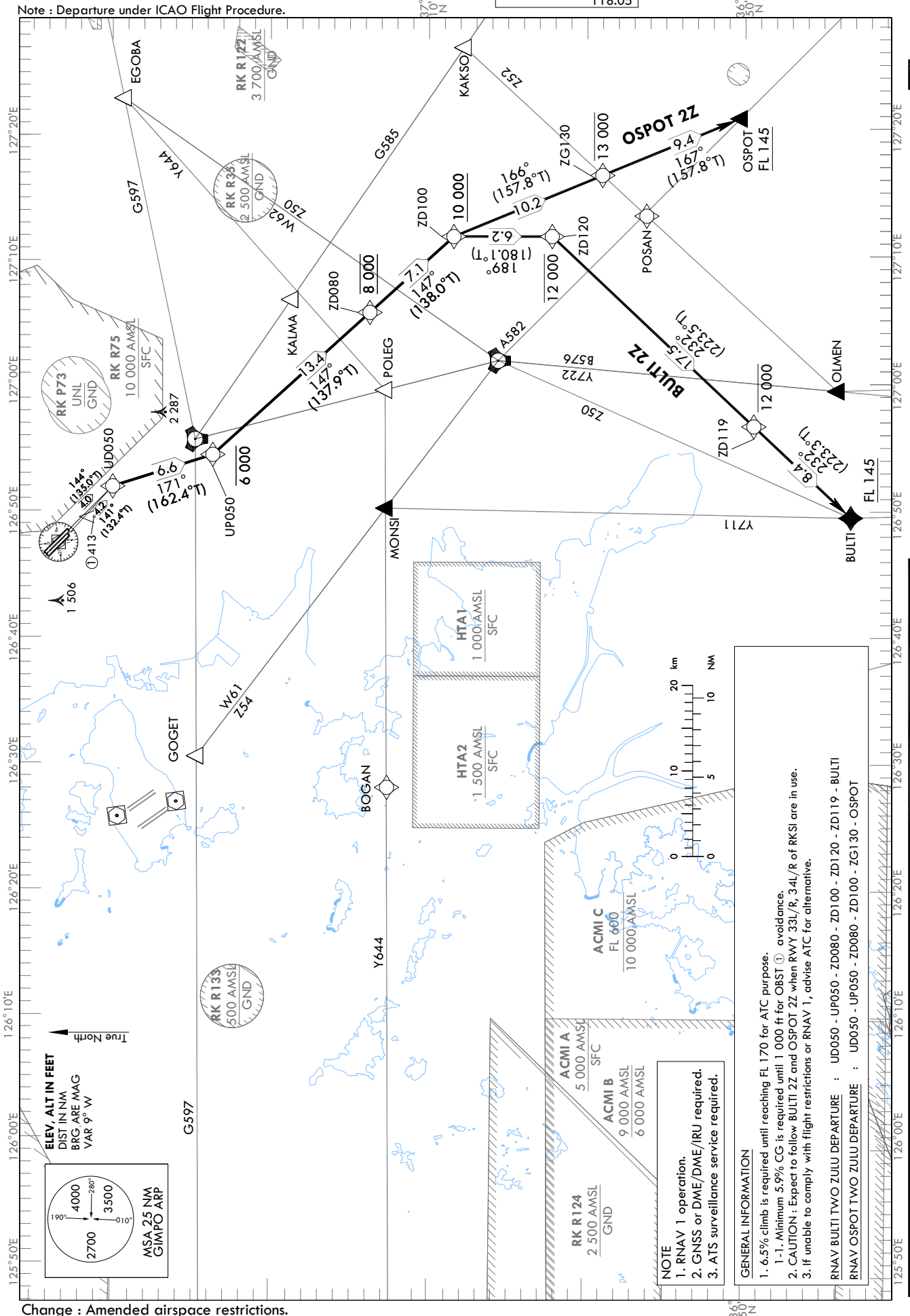
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL	DEP	125.15
		121.4
		124.8
GIMPO	TWR	118.1
		118.05

SEOUL/Gimpo Intl(RKSS)
RWY 14L/R
RNAV BULTI 2Z, RNAV OSPOT 2Z

Note : Departure under ICAO Flight Procedure.



Change : Amended airspace restrictions.

SEOUL/Gimpo Intl(RKSS)

RWY 14L/R

RNAV BULTI 2Z, RNAV OSPOT 2Z

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV BULTI 2Z

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	UD050	-	14L-144(135.0) 14R-141(132.4)	14L-4.0 14R-4.2	R	-	-	37°30'01.9"N 126°51'58.7"E	-	RNAV 1	-
002	TF	UP050	-	171 (162.4)	6.6	-	-6 000	-	37°23'42.2"N 126°54'29.3"E	-	RNAV 1	-
003	TF	ZD080	-	147 (137.9)	13.4	-	@8 000	-	37°13'46.2"N 127°05'43.1"E	-	RNAV 1	-
004	TF	ZD100	-	147 (138.0)	7.1	-	+10 000	-	37°08'27.2"N 127°11'42.1"E	-	RNAV 1	-
005	TF	ZD120	-	189 (180.1)	6.2	-	-12 000	-	37°02'14.2"N 127°11'41.1"E	-	RNAV 1	-
006	TF	ZD119	-	232 (223.5)	17.5	-	-12 000	-	36°49'30.3"N 126°56'40.8"E	-	RNAV 1	-
007	TF	BULTI	-	232 (223.3)	8.4	-	+FL 145	-	36°43'22.3"N 126°49'29.7"E	-	RNAV 1	-

RNAV OSPOT 2Z

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	UD050	-	14L-144(135.0) 14R-141(132.4)	14L-4.0 14R-4.2	R	-	-	37°30'01.9"N 126°51'58.7"E	-	RNAV 1	-
002	TF	UP050	-	171 (162.4)	6.6	-	-6 000	-	37°23'42.2"N 126°54'29.3"E	-	RNAV 1	-
003	TF	ZD080	-	147 (137.9)	13.4	-	@8 000	-	37°13'46.2"N 127°05'43.1"E	-	RNAV 1	-
004	TF	ZD100	-	147 (138.0)	7.1	-	+10 000	-	37°08'27.2"N 127°11'42.1"E	-	RNAV 1	-
005	TF	ZG130	-	166 (157.8)	10.2	-	-13 000	-	36°59'01.9"N 127°16'29.6"E	-	RNAV 1	-
006	TF	OSPOT	-	167 (157.8)	9.4	-	+FL 145	-	36°50'18.1"N 127°20'54.9"E	-	RNAV 1	-

SEOUL	DEP	125.15
		121.4
		124.8
GIMPO	TWR	118.1
		118.05

**RNAV NOPIK 2T, RNAV BULTI 2T
RNAV OSPOT 2T, RNAV EGOBA 2T**

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

True North

NOTE

1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.

GENERAL INFORMATION

1. 6.5% climb is required until reaching FL 170 for ATC purpose.
- 1-1. Minimum 4.1% CG is required until 1 000 ft for OBST ① avoidance.
2. If unable to comply with flight restrictions or RNAV 1, advise ATC for alternative.

RNAV NOPIK TWO TANGO DEPARTURE : TD040 - TD050 - TP080 - TP120 - NOPIK

RNAV BULTI TWO TANGO DEPARTURE : TD040 - TD050 - TD100 - TD120 - TD130 - TD180 - TD200 - BULTI

RNAV OSPOT TWO TANGO DEPARTURE : TD040 - TD050 - TD100 - TD120 - OSPOT

RNAV EGOBA TWO TANGO DEPARTURE : TD040 - TD050 - TD100 - TD120 - TK130 - EGOBA

Departure turns(EGOBA 2T) are limited to maximum of 240 kt IAS until TD120.

NOPIK 2T
FL 200
G597
NOPIK
29.0
278° (269.4°T)

EGOBA 2T
FL 190
G597
EGOBA
26.3

OSPO 2T
FL 190
A582
OSPO
46.4

BULTI 2T
FL 200
TD200
BULTI
11.6

ACMI A
5 000 AMSL
SFC

ACMI B
9 000 AMSL
6 000 AMSL

ACMI C
FL 600
10 000 AMSL

HTA2
1 500 AMSL
SFC

HTA1
1 000 AMSL
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HTA3
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HTA119

AIP AMDT 7/25

SEOUL/Gimpo Intl(RKSS)

RWY 32L/R

RNAV NOPIK 2T, RNAV BULTI 2T

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV NOPIK 2T										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH
001	CF	TD040	-	32L-324(315.0) 32R-322(313.0)	5.6	L	+2 000	-	37°38'03.0"N 126°41'33.7"E	-
002	TF	TD050	-	236 (227.3)	6.4	-	-5 000	-	37°33'41.1"N 126°35'37.1"E	-
003	TF	TP080	-	236 (227.3)	3.5	-	-	-	37°31'17.7"N 126°32'22.3"E	-
004	TF	TP120	-	252 (243.6)	15.0	-	+12 000	-	37°24'35.5"N 126°15'29.3"E	-
005	TF	NOPIK	-	278 (269.4)	29.0	-	+FL 200	-	37°24'12.0"N 125°39'05.0"E	-

RNAV BULTI 2T										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH
001	CF	TD040	-	32L-324(315.0) 32R-322(313.0)	5.6	L	+2 000	-	37°38'03.0"N 126°41'33.7"E	-
002	TF	TD050	-	236 (227.3)	6.4	-	-5 000	-	37°33'41.1"N 126°35'37.1"E	-
003	TF	TD100	-	195 (186.2)	9.4	-	-	-	37°24'18.8"N 126°34'21.2"E	-
004	TF	TD120	-	176 (167.8)	5.0	-	-12 000 +10 000	-	37°19'24.8"N 126°35'40.7"E	-
005	TF	TD130	-	174 (165.2)	6.3	-	+13 000	-	37°13'20.6"N 126°37'40.9"E	-
006	TF	TD180	-	174 (165.2)	12.7	-	+FL 180	-	37°01'03.4"N 126°41'43.1"E	-
007	TF	TD200	-	174 (165.2)	7.1	-	+FL 200	-	36°54'08.6"N 126°43'59.3"E	-
008	TF	BULTI	-	166 (157.6)	11.6	-	-	-	36°43'22.3"N 126°49'29.7"E	-

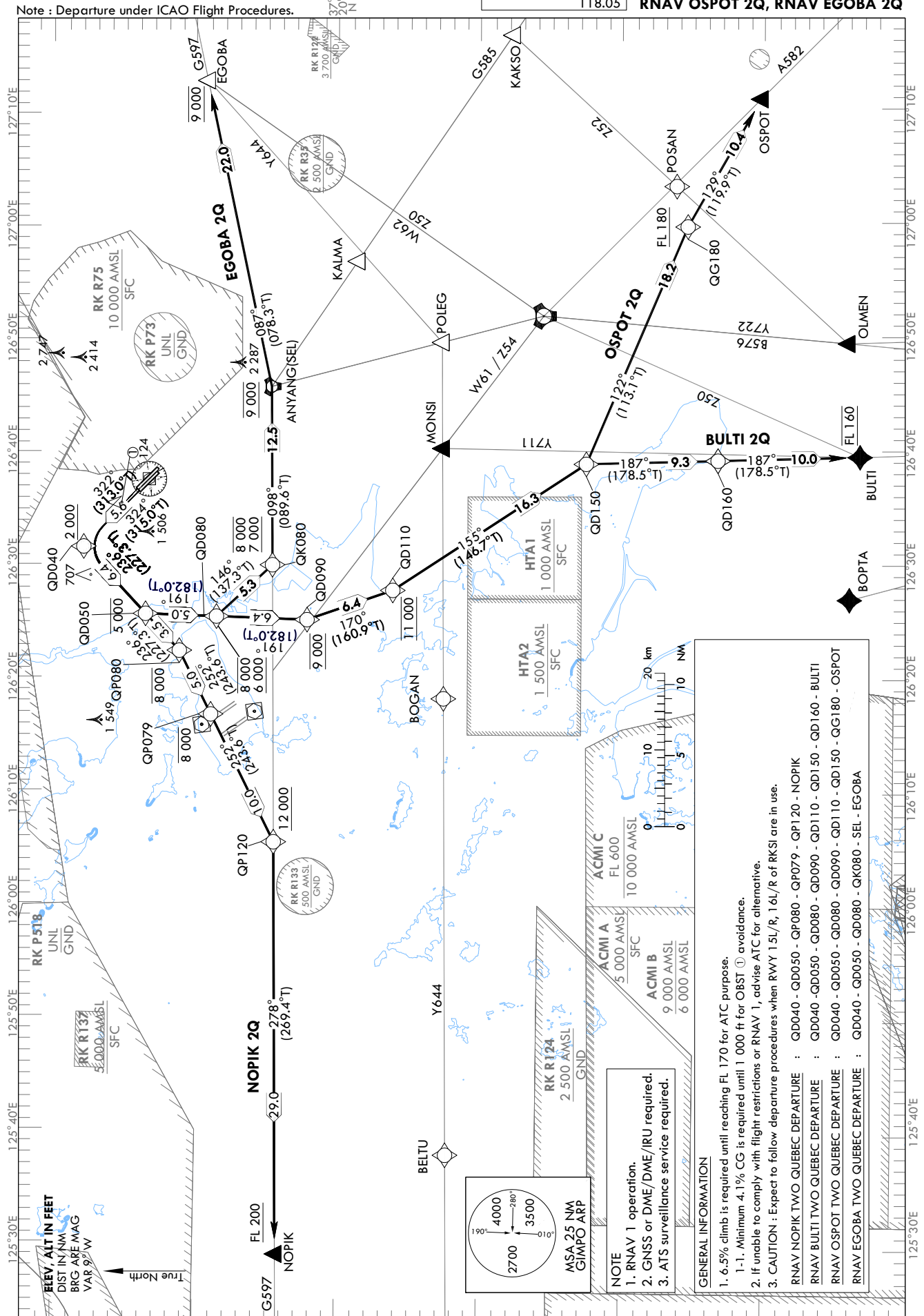
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL	DEP	125.15
		121.4
		124.8
GIMPO	TWR	118.1
		118.05

SEOUL/Gimpo Intl(RKSS)
RWY 32L/R
RNAV NOPIK 2Q, RNAV BULTI 2Q
RNAV OSPOT 2Q, RNAV EGOBA 2Q

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions.

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV NOPIK 2Q

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	QD040	-	32L-324(315.0) 32R-322(313.0)	5.6	L	+2 000	-	37°38'03.0"N 126°41'33.7"E	-	RNAV 1	-
002	TF	QD050	-	236 (227.3)	6.4	-	-5 000	-	37°33'41.1"N 126°35'37.1"E	-	RNAV 1	-
003	TF	QP080	-	236 (227.3)	3.5	-	-8 000	-	37°31'17.7"N 126°32'22.3"E	-	RNAV 1	-
004	TF	QP079	-	252 (243.6)	5.0	-	-8 000	-	37°29'04.1"N 126°26'44.7"E	-	RNAV 1	-
005	TF	QP120	-	252 (243.6)	10.0	-	+12 000	-	37°24'35.5"N 126°15'29.3"E	-	RNAV 1	-
006	TF	NOPIK	-	278 (269.4)	29.0	-	+FL 200	-	37°24'12.0"N 125°39'05.0"E	-	RNAV 1	-

RNAV BULTI 2Q

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	QD040	-	32L-324(315.0) 32R-322(313.0)	5.6	L	+2 000	-	37°38'03.0"N 126°41'33.7"E	-	RNAV 1	-
002	TF	QD050	-	236 (227.3)	6.4	-	-5 000	-	37°33'41.1"N 126°35'37.1"E	-	RNAV 1	-
003	TF	QD080	-	191 (182.0)	5.0	-	-8 000 +6 000	-	37°28'41.3"N 126°35'23.9"E	-	RNAV 1	-
004	TF	QD090	-	191 (182.0)	6.4	-	@9 000	-	37°22'18.4"N 126°35'07.0"E	-	RNAV 1	-
005	TF	QD110	-	170 (160.9)	6.4	-	@11 000	-	37°16'16.3"N 126°37'43.8"E	-	RNAV 1	-
006	TF	QD150	-	155 (146.7)	16.3	-	-	-	37°02'39.6"N 126°48'52.6"E	-	RNAV 1	-
007	TF	QD160	-	187 (178.5)	9.3	-	-	-	36°53'22.9"N 126°49'10.5"E	-	RNAV 1	-
008	TF	BULTI	-	187 (178.5)	10.0	-	@FL 160	-	36°43'22.3"N 126°49'29.7"E	-	RNAV 1	-

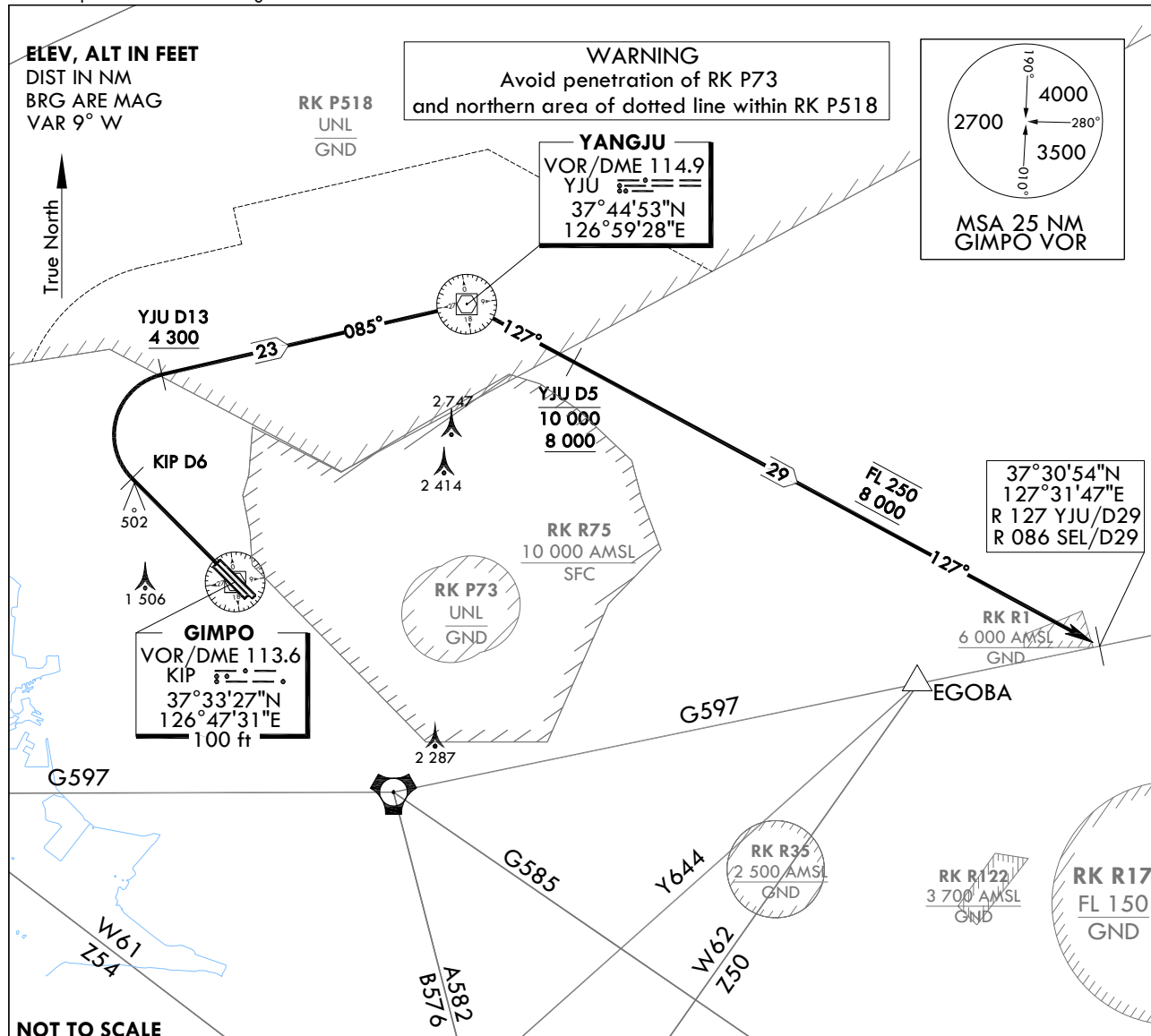
**STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL DEP	125.15
	121.4
	124.8
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)
RWY 32L/R
KARBU 1W

Note : Departure under ICAO Flight Procedures.



NOTE

1. Minimum CG 7% to 4 300 ft for noise abatement, then resume normal CG.
2. Request of this procedure shall be made at least 10 minutes prior to take-off.
3. Operating Hours
 - SAT, SUN and Holiday : 0300-1200 UTC
 - Other days : 0700-1200 UTC

KARBU ONE WHISKY DEPARTURE :

Climb on R 324 KIP to D6, then turn right to intercept R 265 YJU/D13, then proceed to YJU.
At YJU, turn right to track outbound R 127 YJU until joining G597.
Cross R 265 YJU/D13 at or above 4 300 ft, R 127 YJU/D5 between 8 000 ft and 10 000 ft,
then at or below FL 250 until joining G597.

Change : Amended airspace restrictions and Withdrawal of fix(MUGAR).

INTENTIONALLY

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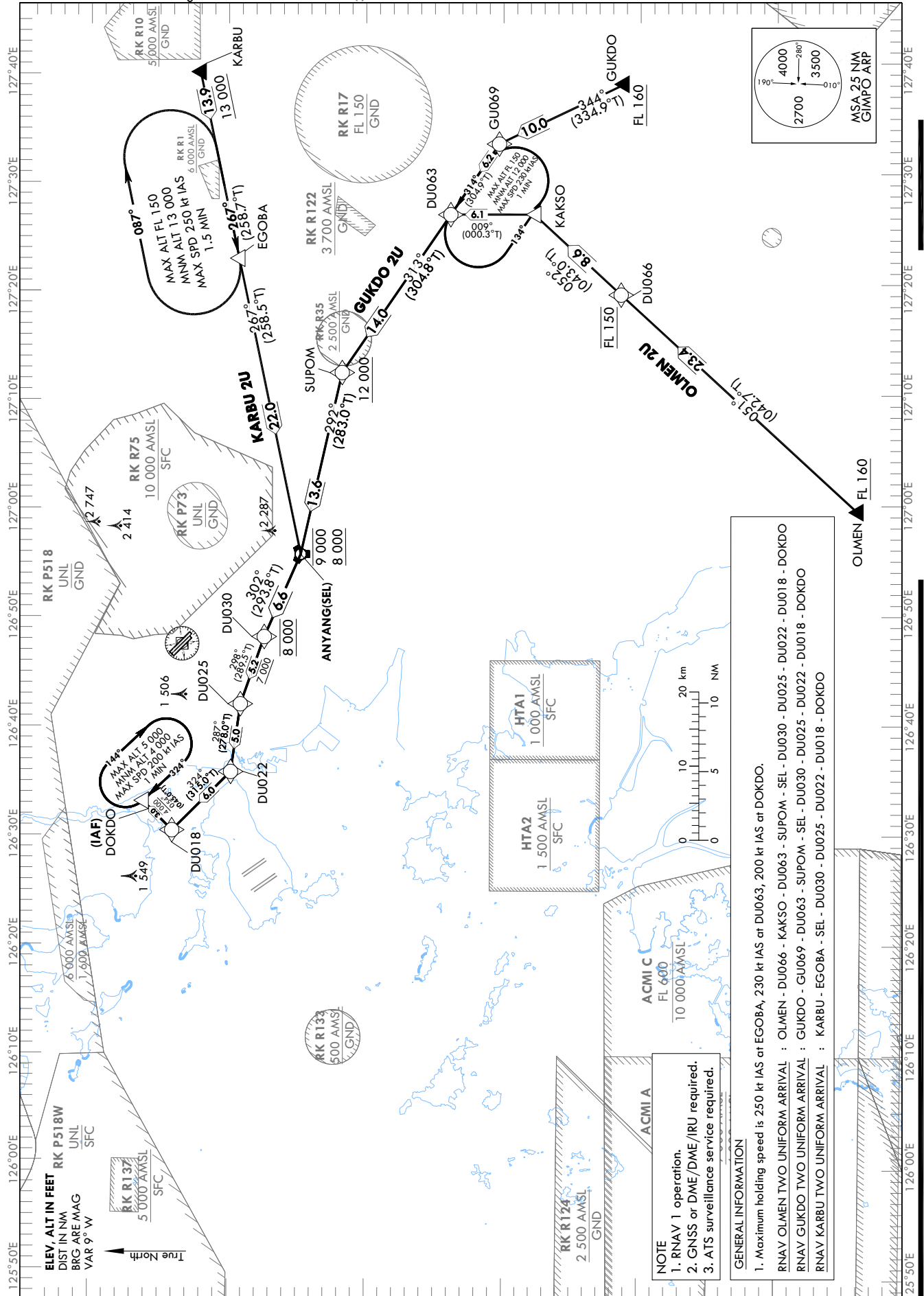
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
GIMPO TWR 118.1
118.05

SEOUL/Gimpo Intl(RKSS)
RWY 14L/R
RNAV OLMEN 2U
RNAV GUKDO 2U, RNAV KARBU 2U

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions and Information of SEL.

Standard Instrument Arrival Procedure Coding Tables

RNAV OLMEN 2U

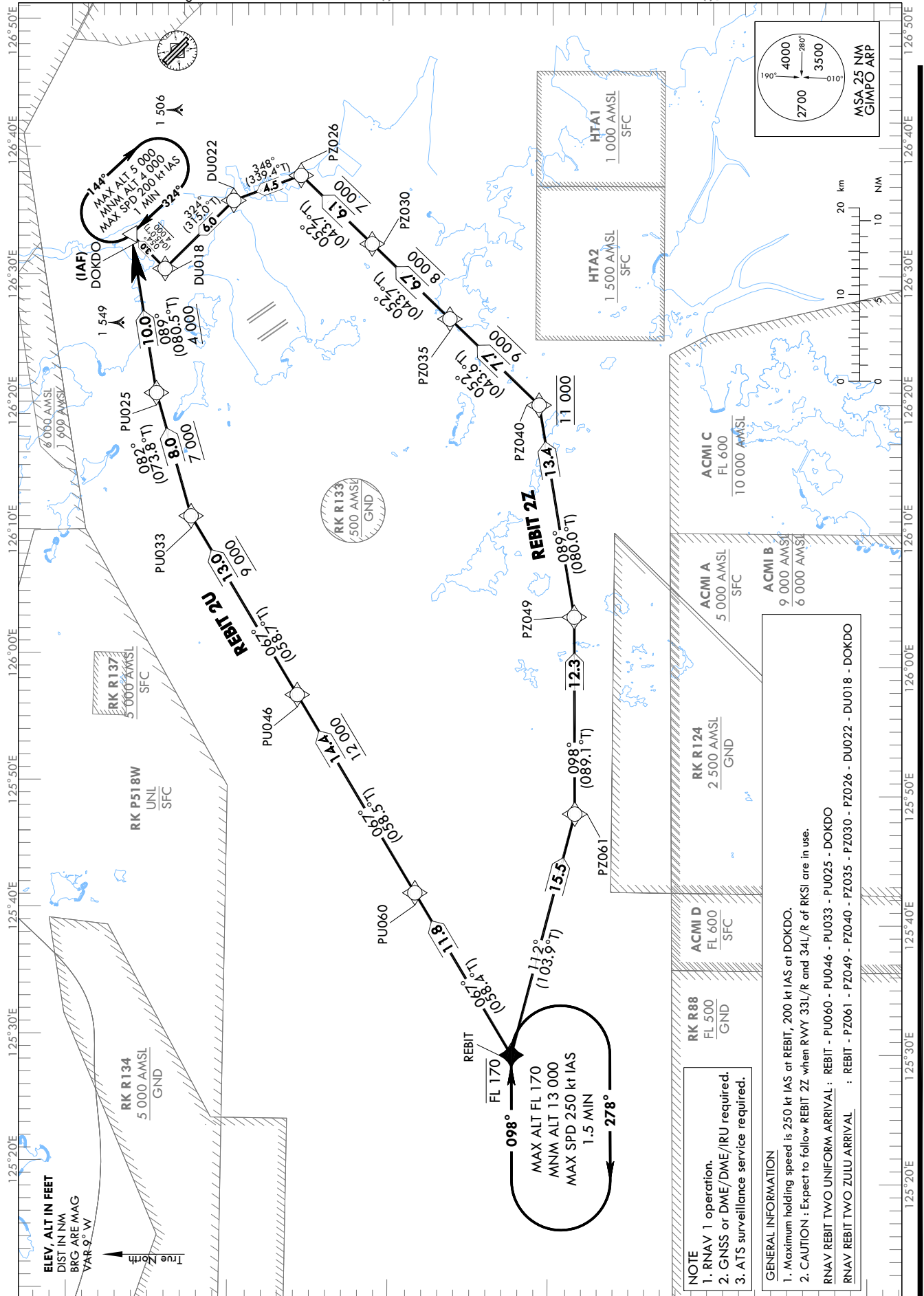
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	OLMEN	-	-	-	-	+FL 160	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-
002	TF	DU066	-	051 (042.7)	23.4	-	@FL 150	-	37°01'25.6"N 127°19'16.4"E	-	RNAV 1	-
003	TF	KAKSO	-	052 (043.0)	8.6	-	-	-250	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	Bank angle 25°
004	TF	DU063	-	009 (000.3)	6.1	-	-	-250	37°13'49.2"N 127°26'39.5"E	-	RNAV 1	Bank angle 25°
005	TF	SUPOM	-	313 (304.8)	14.0	-	+12 000	-	37°21'46.7"N 127°12'17.2"E	-	RNAV 1	-
006	TF	SEL	-	292 (283.0)	13.6	-	-9 000 +8 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
007	TF	DU030	-	302 (293.8)	6.6	-	@8 000	-	37°27'28.2"N 126°48'09.4"E	-	RNAV 1	-
008	TF	DU025	-	298 (289.5)	5.2	-	+7 000	-	37°29'12.0"N 126°42'00.0"E	-	RNAV 1	-
009	TF	DU022	-	287 (278.0)	5.0	-	-	-	37°29'53.6"N 126°35'48.1"E	-	RNAV 1	-
010	TF	DU018	-	324 (315.0)	6.0	-	-	-220	37°34'09.7"N 126°30'26.7"E	-	RNAV 1	-
011	TF	DOKDO	-	054 (045.0)	3.0	-	+4 000	-220	37°36'17.1"N 126°33'07.1"E	-	RNAV 1	IAF

RNAV GUKDO 2U

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	GUKDO	-	-	-	-	+FL 160	-	37°01'10.9"N 127°38'22.6"E	-	RNAV 1	-
002	TF	GU069	-	344 (334.9)	10.0	-	-	-250	37°10'14.9"N 127°33'04.6"E	-	RNAV 1	-
003	TF	DU063	-	314 (304.9)	6.2	-	-	-250	37°13'49.2"N 127°26'39.5"E	-	RNAV 1	-
004	TF	SUPOM	-	313 (304.8)	14.0	-	+12 000	-	37°21'46.7"N 127°12'17.2"E	-	RNAV 1	-
005	TF	SEL	-	292 (283.0)	13.6	-	-9 000 +8 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
006	TF	DU030	-	302 (293.8)	6.6	-	@8 000	-	37°27'28.2"N 126°48'09.4"E	-	RNAV 1	-
007	TF	DU025	-	298 (289.5)	5.2	-	+7 000	-	37°29'12.0"N 126°42'00.0"E	-	RNAV 1	-
008	TF	DU022	-	287 (278.0)	5.0	-	-	-	37°29'53.6"N 126°35'48.1"E	-	RNAV 1	-
009	TF	DU018	-	324 (315.0)	6.0	-	-	-220	37°34'09.7"N 126°30'26.7"E	-	RNAV 1	-
010	TF	DOKDO	-	054 (045.0)	3.0	-	+4 000	-220	37°36'17.1"N 126°33'07.1"E	-	RNAV 1	IAF

SEOUL	APP	119.75
		119.1
GIMPO	TWR	118.1
		118.05

SEOUL/Gimpo Intl(RKSS)
RWY 14L/R
RNAV REBIT 2U, RNAV REBIT 2Z

37°
20' N

Change : Amended airspace restrictions and Information of upper limit for RK R88.

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 2U

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	REBIT	-	-	-	-	-FL 170	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	TF	PU060	-	067 (058.4)	11.8	-	-	-	37°18'12.6"N 125°41'46.1"E	-	RNAV 1	-
003	TF	PU046	-	067 (058.5)	14.4	-	+12 000	-	37°25'42.2"N 125°57'09.0"E	-	RNAV 1	-
004	TF	PU033	-	067 (058.7)	13.0	-	+9 000	-	37°32'26.0"N 126°11'04.0"E	-	RNAV 1	-
005	TF	PU025	-	082 (073.8)	8.0	-	+7 000	-	37°34'39.1"N 126°20'42.3"E	-	RNAV 1	-
006	TF	DOKDO	-	089 (080.5)	10.0	-	+4 000	-	37°36'17.1"N 126°33'07.1"E	-	RNAV 1	IAF

RNAV REBIT 2Z

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	REBIT	-	-	-	-	-FL 170	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	TF	PZ061	-	112 (103.9)	15.5	-	-	-	37°08'17.9"N 125°48'04.6"E	-	RNAV 1	-
003	TF	PZ049	-	098 (089.1)	12.3	-	-	-	37°08'28.1"N 126°03'25.2"E	-	RNAV 1	-
004	TF	PZ040	-	089 (080.0)	13.4	-	@11 000	-	37°10'46.2"N 126°19'55.9"E	-	RNAV 1	-
005	TF	PZ035	-	052 (043.6)	7.7	-	+9 000	-	37°16'22.3"N 126°26'36.8"E	-	RNAV 1	-
006	TF	PZ030	-	052 (043.7)	6.7	-	+8 000	-	37°21'14.9"N 126°32'26.8"E	-	RNAV 1	-
007	TF	PZ026	-	052 (043.7)	6.1	-	+7 000	-	37°25'41.7"N 126°37'46.9"E	-	RNAV 1	-
008	TF	DU022	-	348 (339.4)	4.5	-	-	-	37°29'53.6"N 126°35'48.1"E	-	RNAV 1	-
009	TF	DU018	-	324 (315.0)	6.0	-	-	-220	37°34'09.7"N 126°30'26.7"E	-	RNAV 1	-
010	TF	DOKDO	-	054 (045.0)	3.0	-	+4 000	-220	37°36'17.1"N 126°33'07.1"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
RNAV REBIT 2U	-	REBIT	Y	098 (089.1)	1.5	R	-FL 170 +13 000	-250	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
	-	DOKDO	Y	324 (314.9)	1.0	R	-5 000 +4 000	-200	37°36'17.1"N 126°33'07.1"E	-	RNAV 1	-
RNAV REBIT 2Z	-	REBIT	Y	098 (089.1)	1.5	R	-FL 170 +13 000	-250	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
	-	DOKDO	Y	324 (314.9)	1.0	R	-5 000 +4 000	-200	37°36'17.1"N 126°33'07.1"E	-	RNAV 1	-

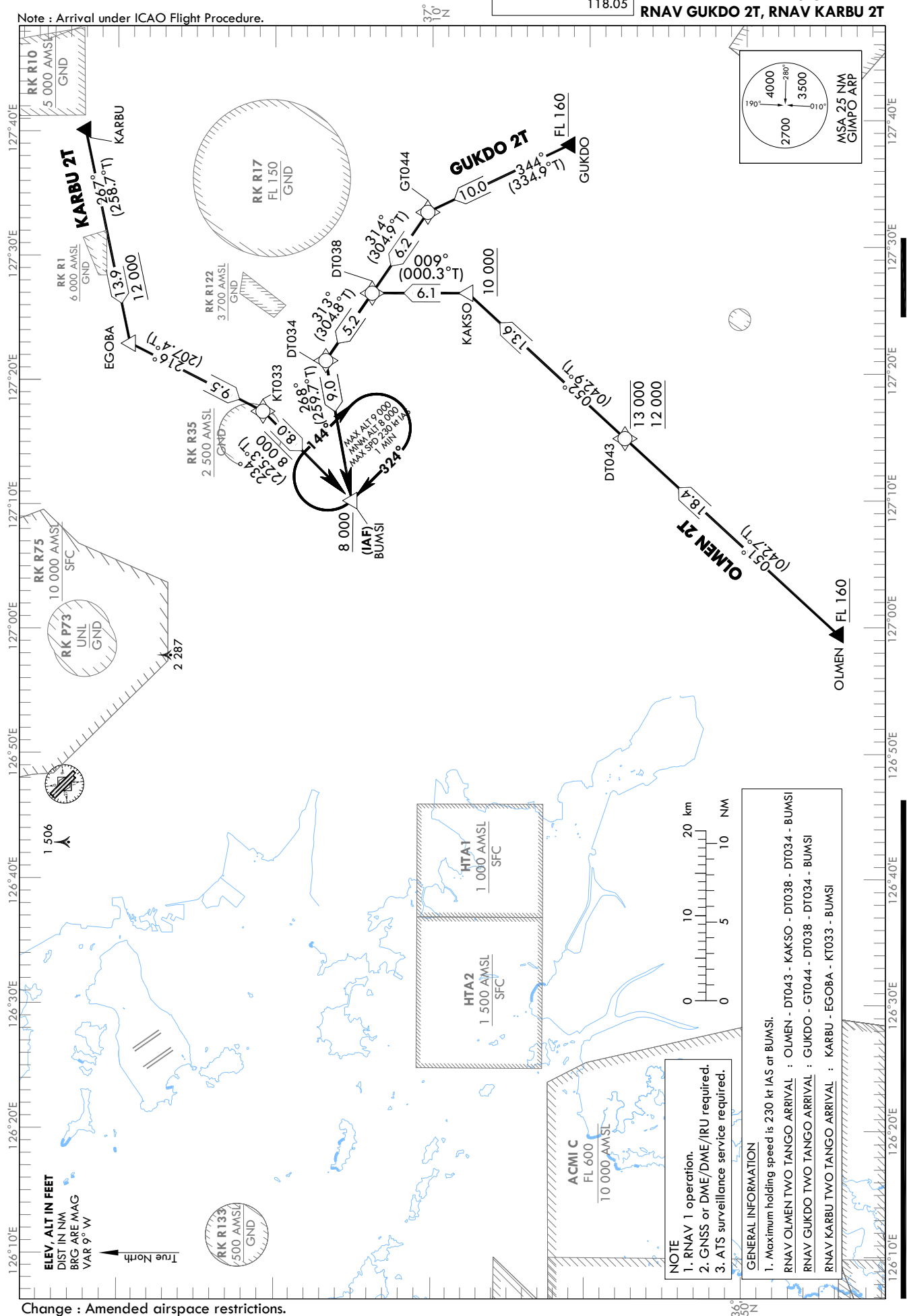
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
GIMPO TWR 118.1
118.05

SEOUL/Gimpo Intl(RKSS)
RWY 32L/R
RNAV OLMEN 2T
RNAV GUKDO 2T, RNAV KARBU 2T

Note : Arrival under ICAO Flight Procedure.



Change : Amended airspace restrictions.

SEOUL/Gimpo Intl(RKSS)

RWY 32L/R

RNAV OLMEN 2T

RNAV GUKDO 2T, RNAV KARBU 2T

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV OLMEN 2T

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	OLMEN	-	-	-	-	+FL 160	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-
002	TF	DT043	-	051 (042.7)	18.4	-	-13 000 +12 000	-	36°57'45.7"N 127°15'01.2"E	-	RNAV 1	-
003	TF	KAKSO	-	052 (042.9)	13.6	-	+10 000	-250	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	Bank angle 25°
004	TF	DT038	-	009 (000.3)	6.1	-	-	-250	37°13'49.2"N 127°26'39.5"E	-	RNAV 1	Bank angle 25°
005	TF	DT034	-	313 (304.8)	5.2	-	-	-250	37°16'47.4"N 127°21'18.3"E	-	RNAV 1	Bank angle 25°
006	TF	BUMSI	-	268 (259.7)	9.0	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	IAF

RNAV GUKDO 2T

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	GUKDO	-	-	-	-	+FL 160	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-
002	TF	GT044	-	344 (334.9)	10.0	-	-	-250	37°10'14.9"N 127°33'04.6"E	-	RNAV 1	-
003	TF	DT038	-	314 (304.9)	6.2	-	-	-250	37°13'49.2"N 127°26'39.5"E	-	RNAV 1	-
004	TF	DT034	-	313 (304.8)	5.2	-	-	-250	37°16'47.4"N 127°21'18.3"E	-	RNAV 1	-
005	TF	BUMSI	-	268 (259.7)	9.0	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	IAF

RNAV KARBU 2T

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	KARBU	-	-	-	-	-	-	37°31'59.0"N 127°39'52.0"E	-	RNAV 1	-
002	TF	EG08A	-	267 (258.7)	13.9	-	+12 000	-250	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-
003	TF	KT033	-	216 (207.4)	9.5	-	-	-250	37°20'48.4"N 127°17'17.1"E	-	RNAV 1	-
004	TF	BUMSI	-	234 (225.3)	8.0	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
RNAV OLMEN 2T	HM	BUMSI	Y	324 (315.2)	1.0	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-
RNAV GUKDO 2T	HM	BUMSI	Y	324 (315.2)	1.0	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-
RNAV KARBU 2T	HM	BUMSI	Y	324 (315.2)	1.0	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-

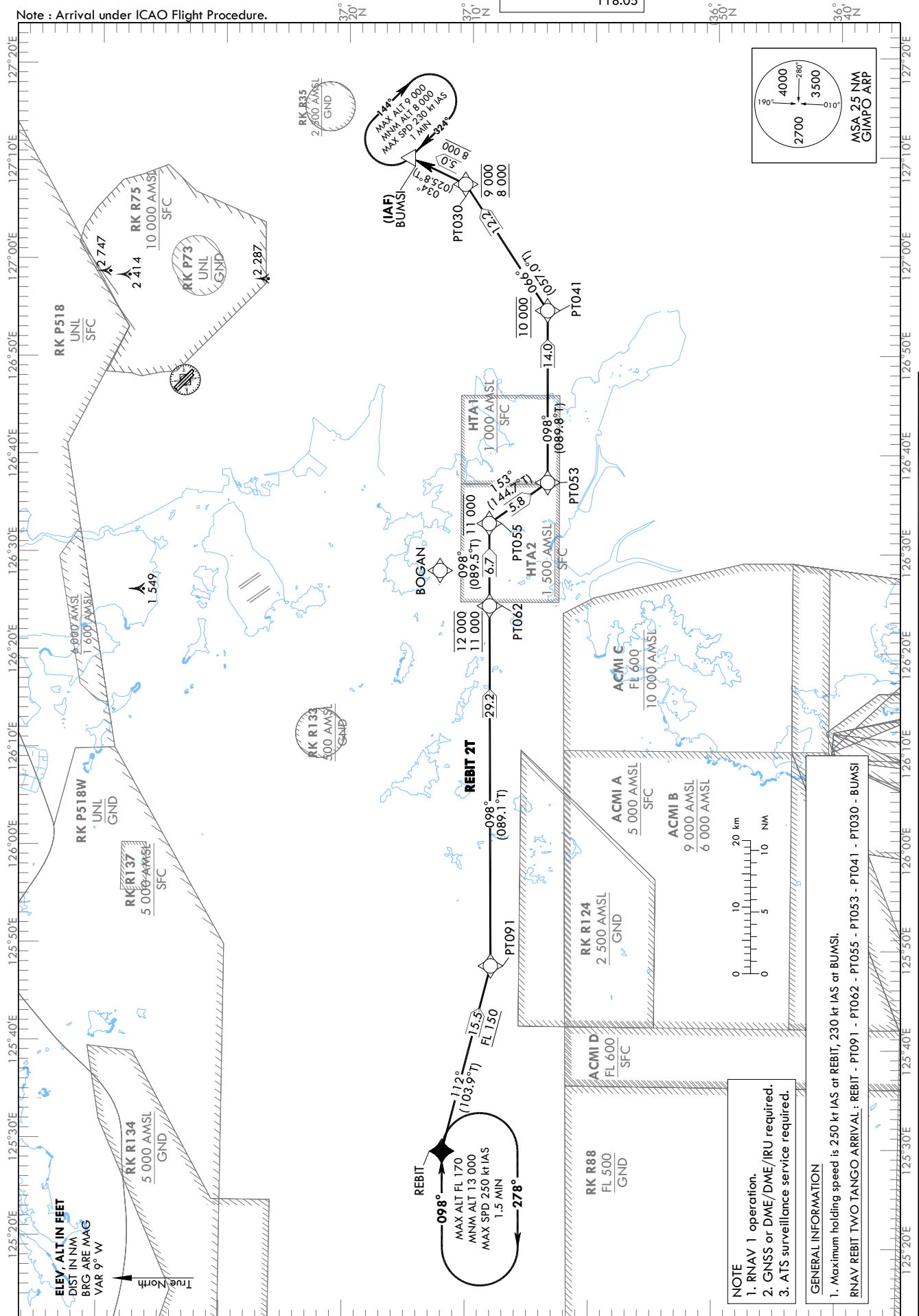
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
GIMPO TWR 118.1
118.05

SEOUL/Gimpo Intl(RKSS)
RWY 32L/R
RNAV REBIT 2T

Note : Arrival under ICAO Flight Procedure.



Change : Amended airspace restrictions and Information of upper limit for RK R88.

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 2T

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	REBIT	-	-	-	-	-	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	TF	PT091	-	112 (103.9)	15.5	-	+FL 150	-	37°08'17.9"N 125°48'04.6"E	-	RNAV 1	-
003	TF	PT062	-	098 (089.1)	29.2	-	-12 000 +11 000	-	37°08'38.9"N 126°24'37.4"E	-	RNAV 1	-
004	TF	PT055	-	098 (089.5)	6.7	-	-11 000	-	37°08'42.1"N 126°32'59.3"E	-	RNAV 1	-
005	TF	PT053	-	153 (144.7)	5.8	-	-	-	37°03'58.4"N 126°37'09.6"E	-	RNAV 1	-
006	TF	PT041	-	098 (089.8)	14.0	-	@10 000	-	37°04'00.5"N 126°54'36.0"E	-	RNAV 1	-
007	TF	PT030	-	066 (057.0)	12.2	-	-9 000 +8 000	-	37°10'39.8"N 127°07'26.2"E	-	RNAV 1	-
008	TF	BUMSI	-	034 (025.8)	5.0	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	IAF

HOLDING PROCEDURE

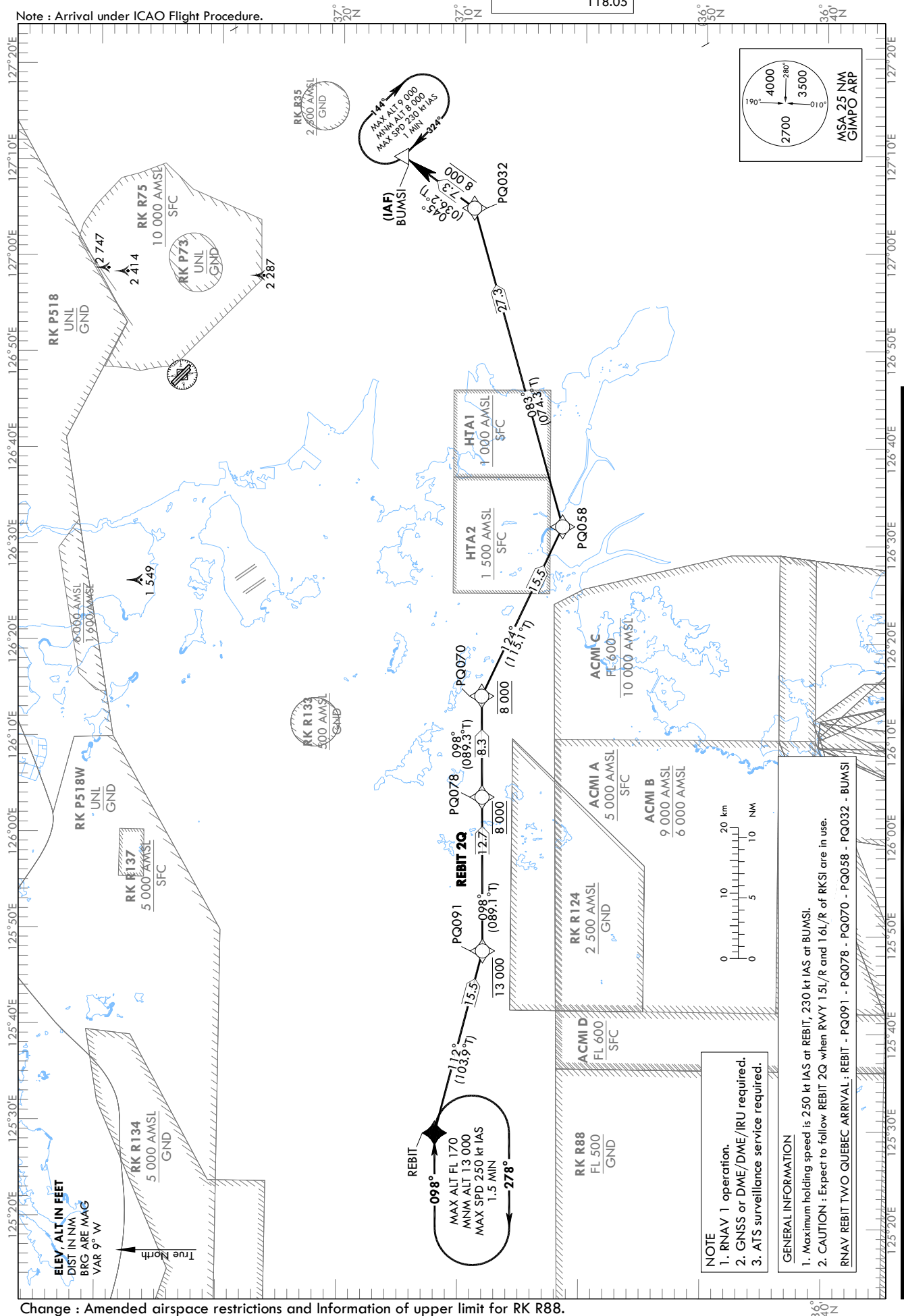
Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track M(T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNAV REBIT 2T	HM	REBIT	Y	098 (089.1)	1.5	R	-FL 170 +13 000	-250	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
	HM	BUMSI	Y	324 (315.2)	1.0	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

SEOUL	APP	119.75
		119.1
GIMPO	TWR	118.1
		118.05

SEOUL/Gimpo Intl(RKSS)
RWY 32L/R
RNAV REBIT 2Q

Note : Arrival under ICAO Flight Procedure.



Change : Amended airspace restrictions and Information of upper limit for RK R88.

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 2Q

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	REBIT	-	-	-	-	-	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	TF	PQ091	-	112 (103.9)	15.5	-	-13 000	-	37°08'17.9"N 125°48'04.6"E	-	RNAV 1	-
003	TF	PQ078	-	098 (089.1)	12.7	-	@8 000	-	37°08'28.4"N 126°03'57.4"E	-	RNAV 1	-
004	TF	PQ070	-	098 (089.3)	8.3	-	@8 000	-	37°08'34.2"N 126°14'23.0"E	-	RNAV 1	-
005	TF	PQ058	-	124 (115.1)	15.5	-	-	-	37°01'58.7"N 126°31'54.3"E	-	RNAV 1	-
006	TF	PQ032	-	083 (074.3)	27.3	-	-	-	37°09'17.5"N 127°04'47.1"E	-	RNAV 1	-
007	TF	BUMSI	-	045 (036.2)	7.3	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNAV REBIT 2Q	HM	REBIT	Y	098 (089.1)	1.5	R	-FL 170 +13 000	-250	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
	HM	BUMSI	Y	324 (315.2)	1.0	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-

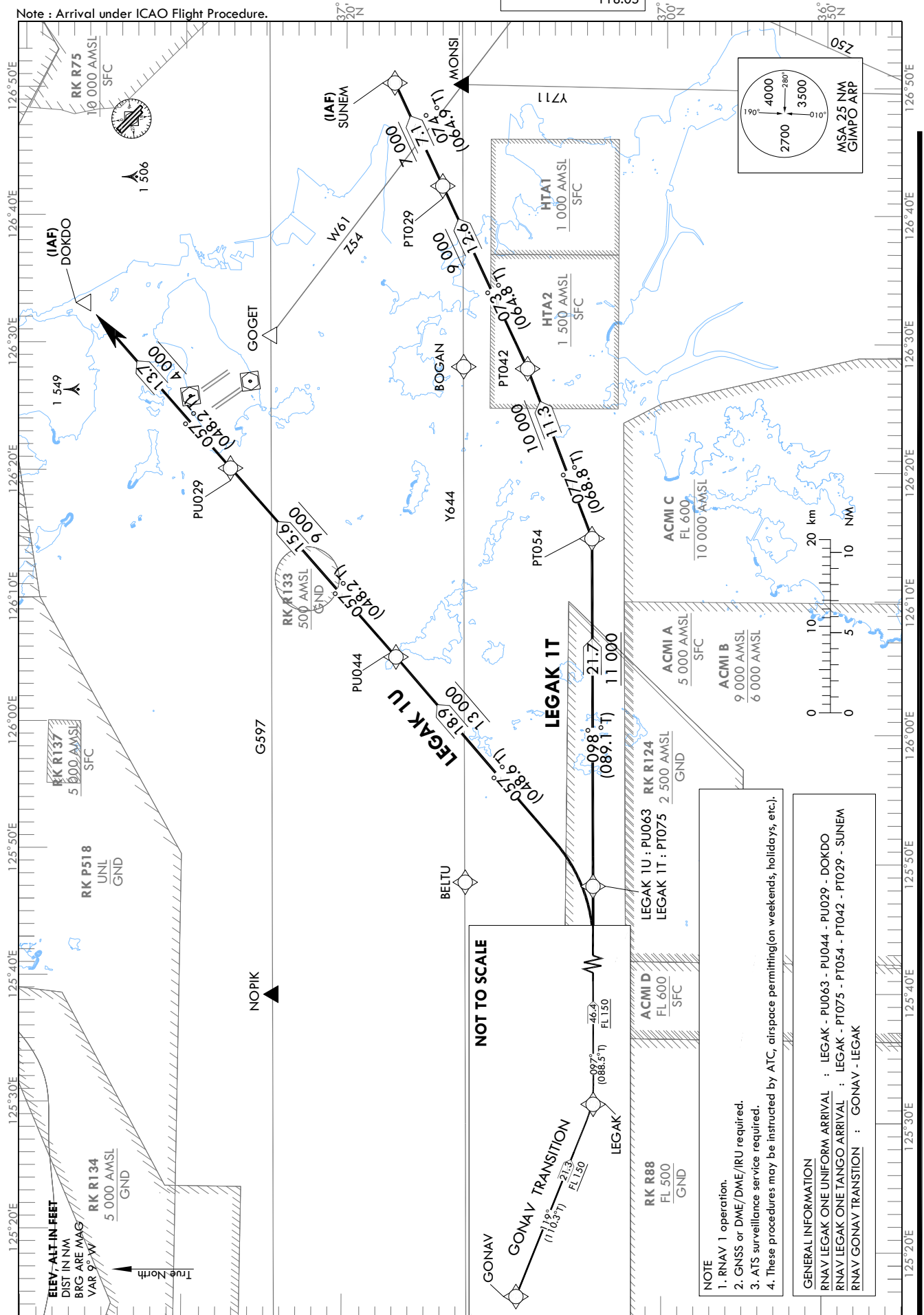
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
GIMPO TWR 118.1
118.05

SEOUL/Gimpo Intl(RKSS)
RWY 14L/R, RWY 32L/R
RNAV LEGAK 1U, RNAV LEGAK 1T

Note : Arrival under ICAO Flight Procedure.



Change : Amended airspace restrictions, chart symbol(OBST) and Information of OBST(1 540 → 1 549), upper limit for RK R88.

SEOUL/Gimpo Intl(RKSS)
RWY 14L/R, RWY 32L/R
RNAV LEGAK 1U, RNAV LEGAK 1T
RNAV GONAV TRANSITION

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV LEGAK 1U

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	LEGAK	-	-	-	-	+FL 150	-	37°03'21.0"N 124°49'51.1"E	-	RNAV 1	-
002	TF	PU063	-	097 (088.5)	46.4	-	+FL 150	-	37°04'17.6"N 125°47'50.3"E	-	RNAV 1	-
003	TF	PU044	-	057 (048.6)	18.9	-	+13 000	-	37°16'44.9"N 126°05'33.1"E	-	RNAV 1	-
004	TF	PU029	-	057 (048.2)	15.6	-	+9 000	-	37°27'10.1"N 126°20'12.3"E	-	RNAV 1	-
005	TF	DOKDO	-	057 (048.4)	13.7	-	+4 000	-	37°36'17.1"N 126°33'07.1"E	-	RNAV 1	IAF

RNAV LEGAK 1T

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	LEGAK	-	-	-	-	+FL 150	-	37°03'21.0"N 124°49'51.1"E	-	RNAV 1	-
002	TF	PT075	-	097 (088.5)	46.4	-	+FL 150	-	37°04'17.6"N 125°47'50.3"E	-	RNAV 1	-
003	TF	PT054	-	098 (089.1)	21.7	-	+11 000	-	37°04'34.8"N 126°14'54.2"E	-	RNAV 1	-
004	TF	PT042	-	077 (068.8)	11.3	-	+10 000	-	37°08'40.3"N 126°28'06.7"E	-	RNAV 1	-
005	TF	PT029	-	073 (064.8)	12.6	-	+9 000	-	37°14'00.7"N 126°42'19.8"E	-	RNAV 1	-
006	TF	SUNEM	-	074 (064.9)	7.1	-	+7 000	-	37°17'00.6"N 126°50'21.9"E	-	RNAV 1	IAF

RNAV GONAV TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	GONAV	-	-	-	-	-	-	37°10'48.4"N 124°24'52.6"E	-	RNAV 1	-
002	TF	LEGAK	-	119 (110.3)	21.3	-	+FL 150	-	37°03'21.0"N 124°49'51.1"E	-	RNAV 1	-

**INSTRUMENT
APPROACH
CHART-ICAO**

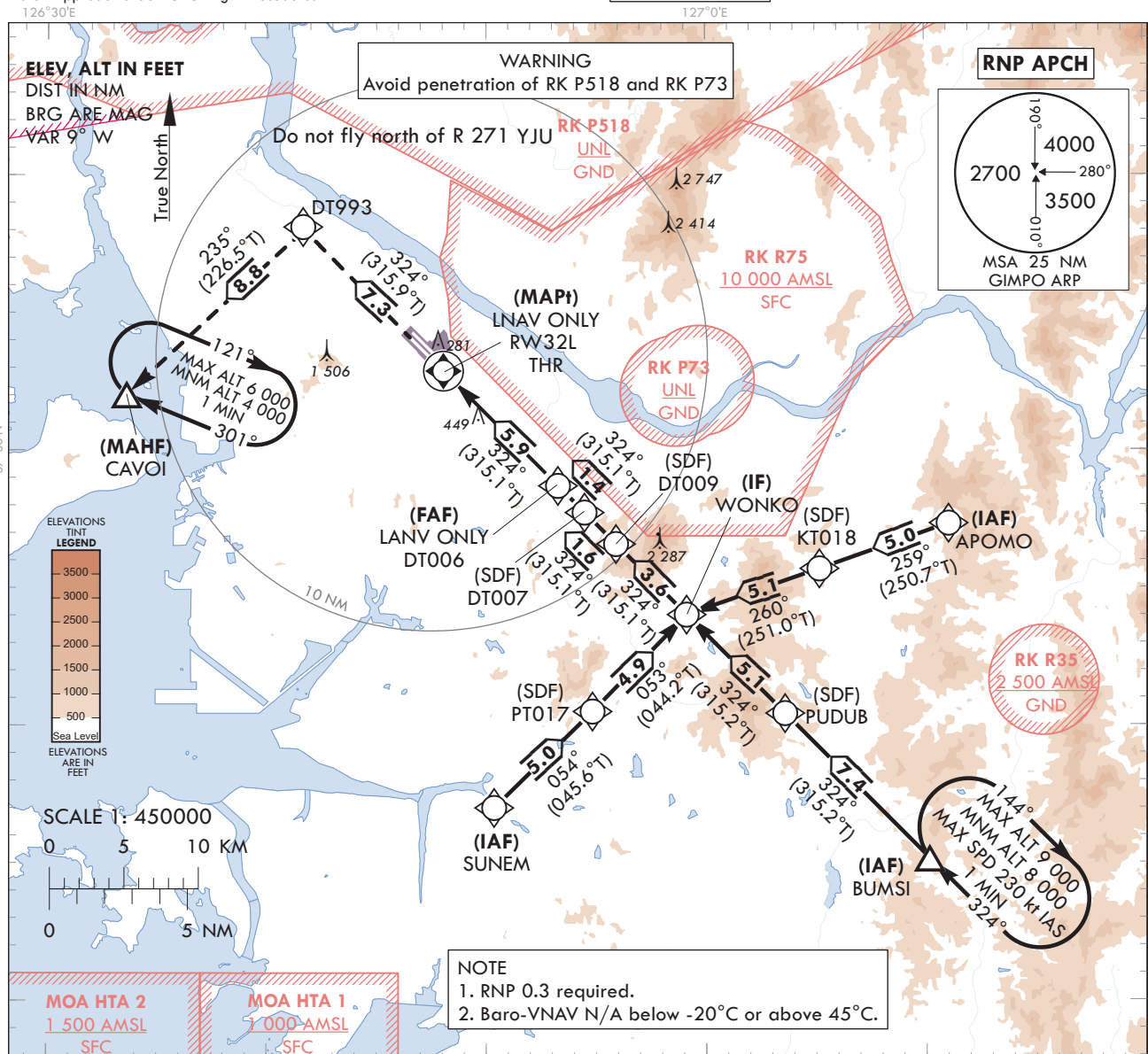
AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 32L - ELEV 41 ft

SEOUL APP 119.75
119.1
GIMPO TWR 118.2
118.8

SEOUL/Gimpo Intl(RKSS)

RNP RWY 32L

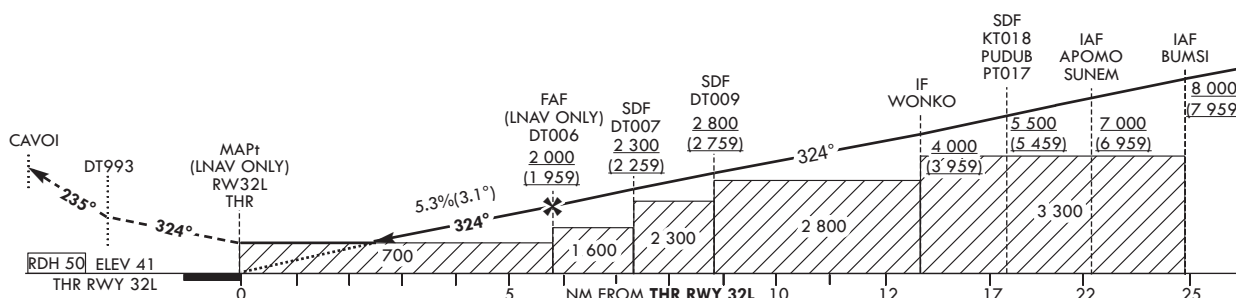
Note : Approach under ICAO Flight Procedures.



MISSED APPROACH

Climb to 4 000 ft. Track to DT993 and CAVOI.
Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D		Knots	60	90	120	150	180
Straight-in Approach	LNAV/VNAV	610 (569)				Rate of descent	V/V fpm	325	487	649	812	974
	LNAV	700 (659)				* Timing Not authorized for defining MAPt. * Circling Not authorized.						

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Amended chart symbol.

SEOUL/Gimpo Intl(RKSS)
RNP RWY 32L

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 32L - via APOMO to WONKO(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	APOMO	-	-	-	-	+7 000	-	37°27'20.9"N 127°11'04.4"E	-	RNP APCH	IAF
002	TF	KT018	-	259 (250.7)	5.0	-	+5 500	-	37°25'41.9"N 127°05'11.1"E	-	RNP APCH	SDF
003	TF	WONKO	-	260 (251.0)	5.1	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF

RNP RWY 32L - via BUMSI to WONKO(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	BUMSI	-	-	-	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNP APCH	IAF
002	TF	PUDU8	-	324 (315.2)	7.4	-	+5 500	-	37°20'26.5"N 127°03'36.6"E	-	RNP APCH	SDF
003	TF	WONKO	-	324 (315.2)	5.1	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF

RNP RWY 32L - via SUNEM to WONKO(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	SUNEM	-	-	-	-	+7 000	-	37°17'00.6"N 126°50'21.9"E	-	RNP APCH	IAF
002	TF	PT017	-	054 (045.6)	5.0	-	+5 500	-	37°20'30.7"N 126°54'50.7"E	-	RNP APCH	SDF
003	TF	WONKO	-	053 (044.2)	4.9	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF

RNP RWY 32L - via WONKO(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
003	TF	WONKO	-	-	-	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF
004	TF	DT009	-	324 (315.1)	3.6	-	+2 800	-	37°26'36.1"N 126°55'55.6"E	-	RNP APCH	SDF
005	TF	DT007	-	324 (315.1)	1.6	-	+2 300	-	37°27'44.9"N 126°54'29.5"E	-	RNP APCH	SDF
006	TF	DT006	-	324 (315.1)	1.4	-	+2 000	-	37°28'42.9"N 126°53'17.0"E	-	RNP APCH	FAF
007	TF	RW32L	Y	324 (315.1)	5.9	-	+700	-	37°32'52.83"N 126°48'03.71"E	-3.06/50	RNP APCH	MAPt
008	TF	DT993	-	324 (315.9)	7.3	-	-	-	37°38'07.5"N 126°41'39.6"E	-	RNP APCH	-
009	TF	CAVOI	Y	235 (226.5)	8.8	-	+4 000	-	37°32'02.0"N 126°33'37.0"E	-	RNP APCH	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
RNP RWY 32L	HM	BUMSI	Y	324 (315.2)	1	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-
	HM	CAVOI	Y	301 (292.2)	1	R	-6 000 +4 000	-	37°32'02.0"N 126°33'37.0"E	-	RNAV 1	-

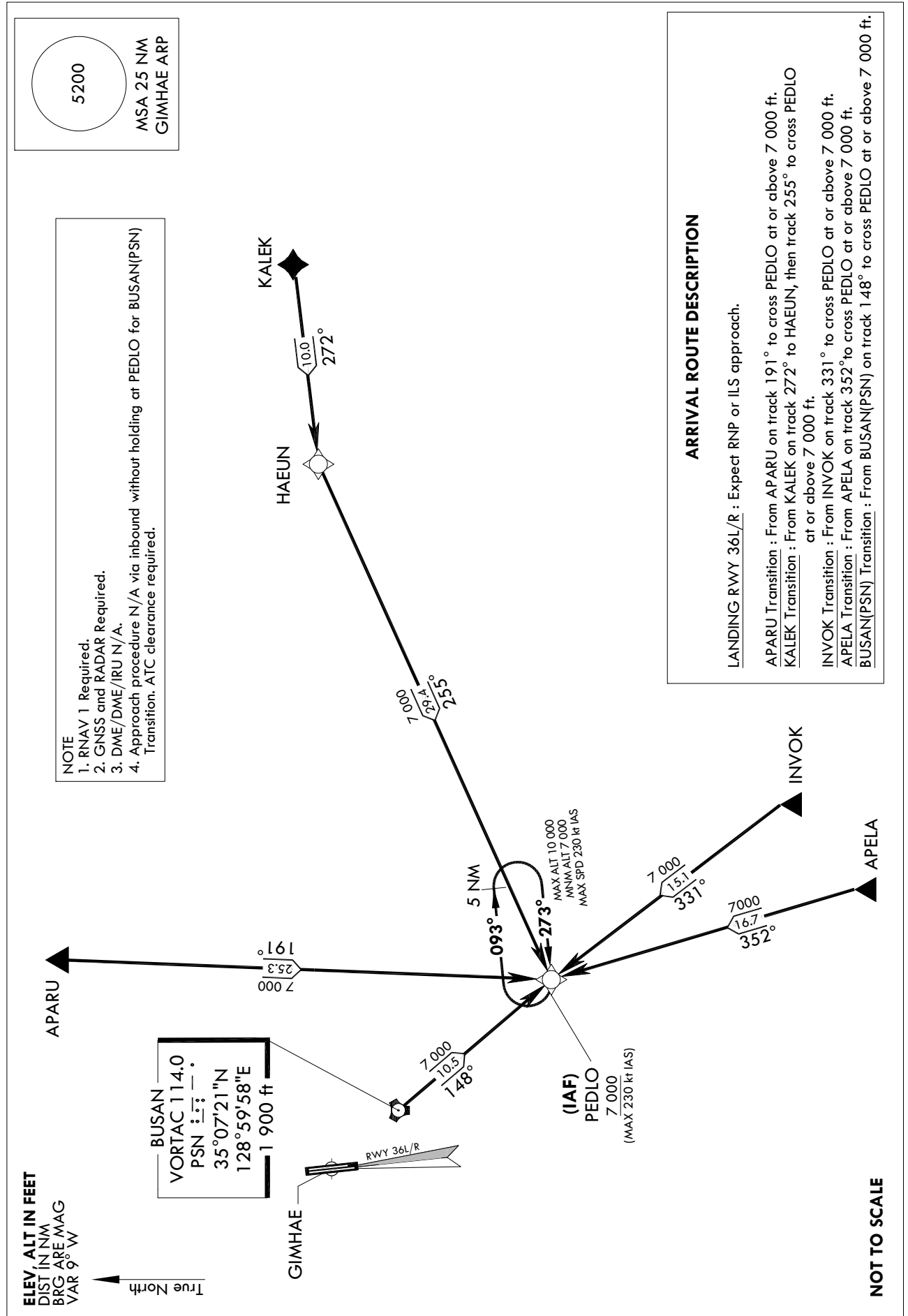
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GIMHAE APP 125.5
364.0
GIMHAE TWR 118.1 118.45
233.3 236.6

BUSAN/Gimhae Intl(RKPK)
RWY 36L/R
RNAV(GNSS) PEDLO 1

Note : Arrival under U.S. TERPS.



Change : Information of APARU(reporting requirement) and PEDLO(IAF).

BUSAN/Gimhae INTL(RKPK)

RWY 36L/R

RNAV(GNSS) PEDLO 1

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV PEDLO 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	TF	APARU	-	-	-	-	-	-	35°24'42.1"N 129°09'32.1"E	-	RNAV 1	-
002	TF	PEDLO	-	190.90(182.38)	25.30	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF

RNAV PEDLO 1 - KALEK 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	TF	KALEK	-	-	-	-	-	-	35°12'32.0"N 129°53'05.0"E	-	RNAV 1	-
002	TF	HAELN	-	272.06(263.54)	10.00	-	-	-	35°11'23.8"N 129°40'57.4"E	-	RNAV 1	-
003	TF	PEDLO	-	254.60(246.08)	29.39	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF

RNAV PEDLO 1 - INVOK 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	TF	INVOK	-	-	-	-	-	-	34°47'19.0"N 129°19'23.0"E	-	RNAV 1	-
002	TF	PEDLO	-	331.35(322.83)	15.13	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF

RNAV PEDLO 1 - APELA 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	TF	APELA	-	-	-	-	-	-	34°43'23.0"N 129°14'00.0"E	-	RNAV 1	-
002	TF	PEDLO	-	352.06(343.54)	16.66	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF

RNAV PEDLO 1 - BUSAN(PSN) 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	TF	BUSAN(PSN)	-	-	-	-	-	-	35°07'21.5"N 128°59'58.5"E	-	RNAV 1	-
002	TF	PEDLO	-	147.98(139.46)	10.47	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNAV PEDLO 1	HM	PEDLO	-	272.75(264.23)	5	R	-10 000 +7 000	-230	34°59'23.1"N 129°08'15.3"E	-	-	-

Change : Information of remarks for PEDLO.

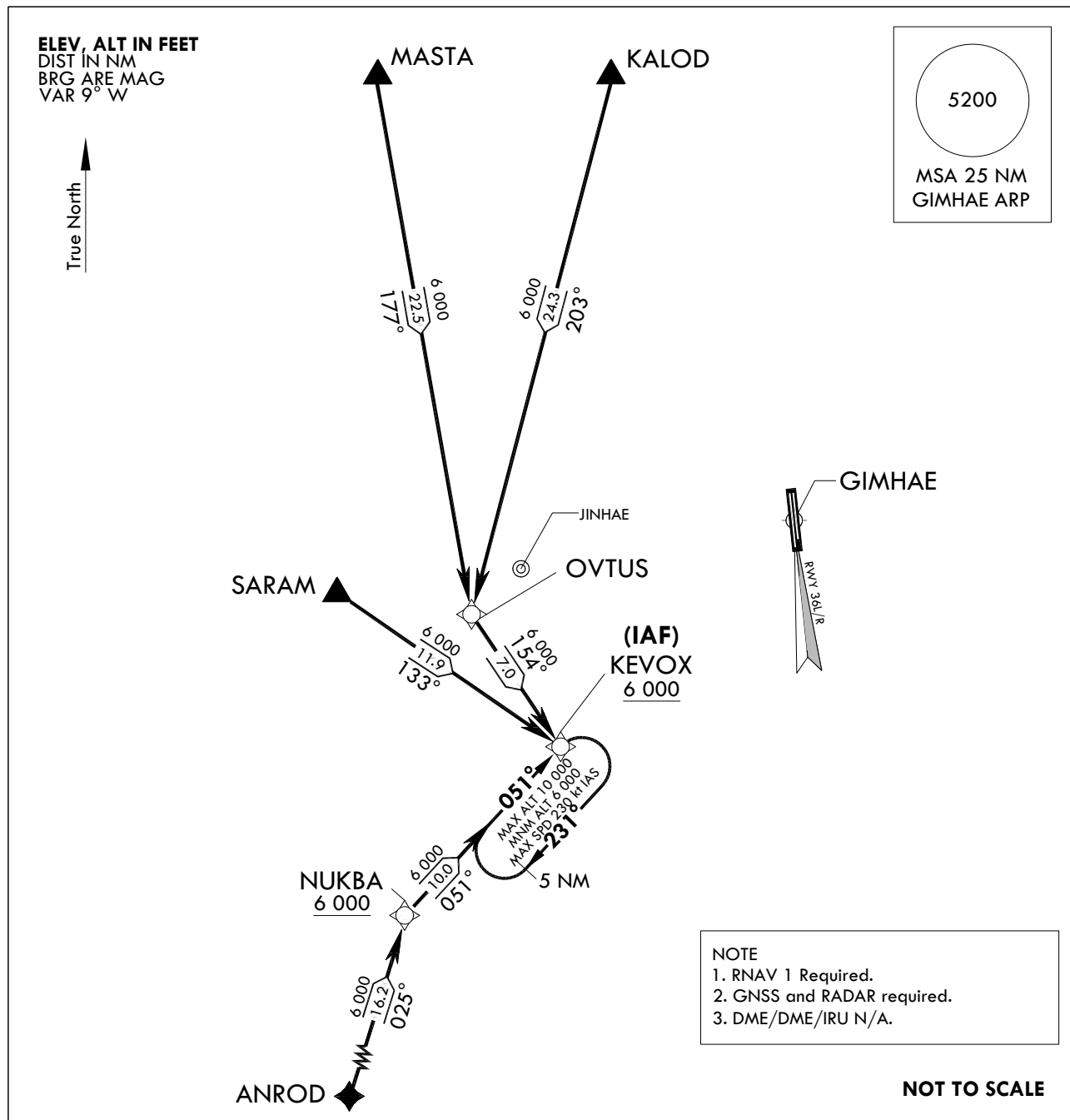
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GIMHAE APP 125.5
364.0
GIMHAE TWR 118.1 118.45
233.3 236.6

BUSAN/Gimhae Intl(RKPK)
RWY 36L/R
RNAV(GNSS) KEVOX 3

Note : Arrival under U.S. TERPS.



ARRIVAL ROUTE DESCRIPTION

KEVOX 3 ARRIVAL

LANDING RWY 36L/R : Expect RNP or ILS approach.

MASTA Transition : From MASTA on track 177° to OVTUS, then track 154° to cross KEVOX at or above 6 000 ft.

KALOD Transition : From KALOD on track 203° to OVTUS, then track 154° to cross KEVOX at or above 6 000 ft.

SARAM Transition : From SARAM on track 133° to cross KEVOX at or above 6 000 ft.

ANROD Transition : From ANROD on track 025° to NUKBA, then track 051° to cross KEVOX at or above 6 000 ft.

Change : Information of MASTA, KALOD, SARAM, ANROD(reporting requirement) and KEVOX(IAF).

BUSAN/Gimhae INTL(RKPK)
RWY 36L/R
RNAV(GNSS) KEVOX 3

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV KEVOX 3 - MASTA 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	TF	MASTA	-	-	-	-	-	-	35°28'47.0"N 128°33'40.0"E	-	RNAV 1	-
002	TF	OVTUS	-	177.31(168.79)	22.50	-	-	-	35°06'40.3"N 128°39'00.0"E	-	RNAV 1	-
003	TF	KEVOX	-	154.39(145.87)	7.01	-	+6 000	-	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF

RNAV KEVOX 3 - KALOD 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	TF	KALOD	-	-	-	-	-	-	35°30'12.1"N 128°46'26.5"E	-	RNAV 1	-
002	TF	OVTUS	-	203.09(194.57)	24.27	-	-	-	35°06'40.3"N 128°39'00.0"E	-	RNAV 1	-
003	TF	KEVOX	-	154.39(145.87)	7.01	-	+6 000	-	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF

RNAV KEVOX 3 - SARAM 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	TF	SARAM	-	-	-	-	-	-	35°07'36.3"N 128°31'46.7"E	-	RNAV 1	-
002	TF	KEVOX	-	132.79(124.27)	11.94	-	+6 000	-	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF

RNAV KEVOX 3 - ANROD 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	TF	ANROD	-	-	-	-	-	-	34°37'57.66"N 128°29'51.73"E	-	RNAV 1	-
002	TF	NUKBA	-	025.44(016.92)	16.18	-	+6 000	-	34°53'27.57"N 128°35'35.03"E	-	RNAV 1	-
003	TF	KEVOX	-	050.86(042.34)	10	-	+6 000	-	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNAV KEVOX 3	HM	KEVOX	-	051.05(042.53)	5	R	-10 000 +6 000	-230	35°00'51.7"N 128°43'47.2"E	-	-	-

Change : Information of remarks for KEVOX.

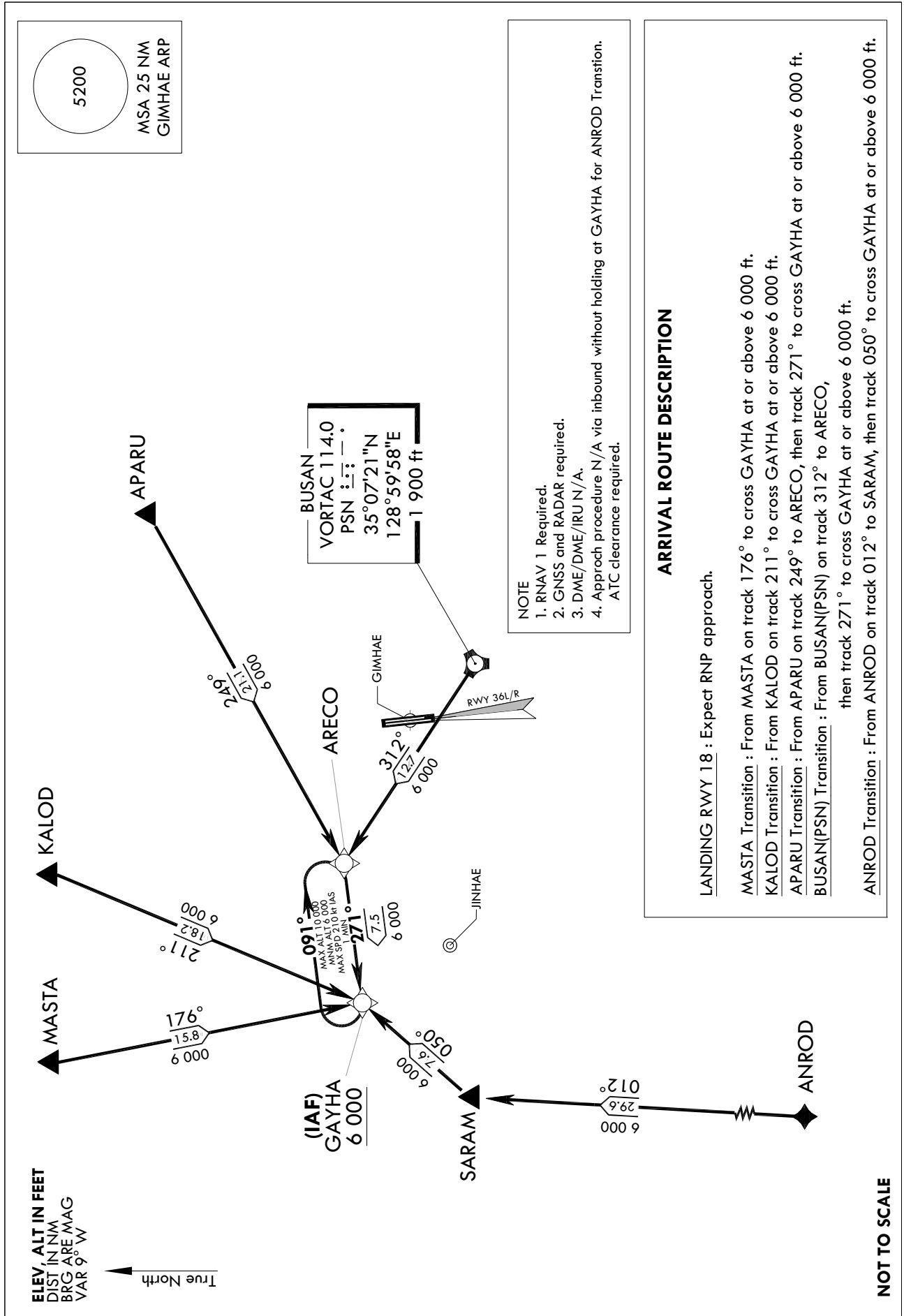
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

GIMHAE	APP	125.5
		364.0
GIMHAE	TWR	118.1 118.45
		233.3 236.6

BUSAN/Gimhae Intl(RKPK)
RWY 18L/R
RNAV(GNSS) GAYHA 3

Note : Arrival under U.S. TERPS.



Change : Information of MASTA, KALOD, APARU, SARAM, ANROD(reporting requirement) and GAYHA(IAF).

BUSAN/Gimhae INTL(RKPK)
RWY 18L/R
RNAV(GNSS) GAYHA 3

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GAYHA 3 - MASTA 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	TF	MASTA	-	-	-	-	-	-	35°28'47.0"N 128°33'40.0"E	-	RNAV 1	-
002	TF	GAYHA	-	175.80(167.28)	15.77	-	+6 000	-	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	IAF

RNAV GAYHA 3 - KALOD 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	TF	KALOD	-	-	-	-	-	-	35°30'12.1"N 128°46'26.5"E	-	RNAV 1	-
002	TF	GAYHA	-	211.13(202.61)	18.19	-	+6 000	-	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	IAF

RNAV GAYHA 3 - 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	TF	APARU	-	-	-	-	-	-	35°24'42.1"N 129°09'32.1"E	-	RNAV 1	-
002	TF	ARECO	-	249.42(240.90)	21.14	-	-	-	35°14'22.1"N 128°46'59.1"E	-	RNAV 1	-
003	TF	GAYHA	-	270.96(262.44)	7.50	-	+6 000	-	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	IAF

RNAV GAYHA 3 - BUSAN(PSN) 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	TF	BUSAN(PSN)	-	-	-	-	-	-	35°07'21.5"N 128°59'58.5"E	-	RNAV 1	-
002	TF	ARECO	-	311.90(303.38)	12.74	-	-	-	35°14'22.1"N 128°46'59.1"E	-	RNAV 1	-
003	TF	GAYHA	-	270.96(262.44)	7.50	-	+6 000	-	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	IAF

RNAV GAYHA 3 - ANROD 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	TF	ANROD	-	-	-	-	-	-	34°37'57.66"N 128°29'51.73"E	-	RNAV 1	-
002	TF	SARAM	-	011.56(003.04)	29.64	-	-	-	35°07'36.3"N 128°31'46.7"E	-	RNAV 1	-
003	TF	GAYHA	-	049.59(041.07)	7.64	-	+6 000	-	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	IAF

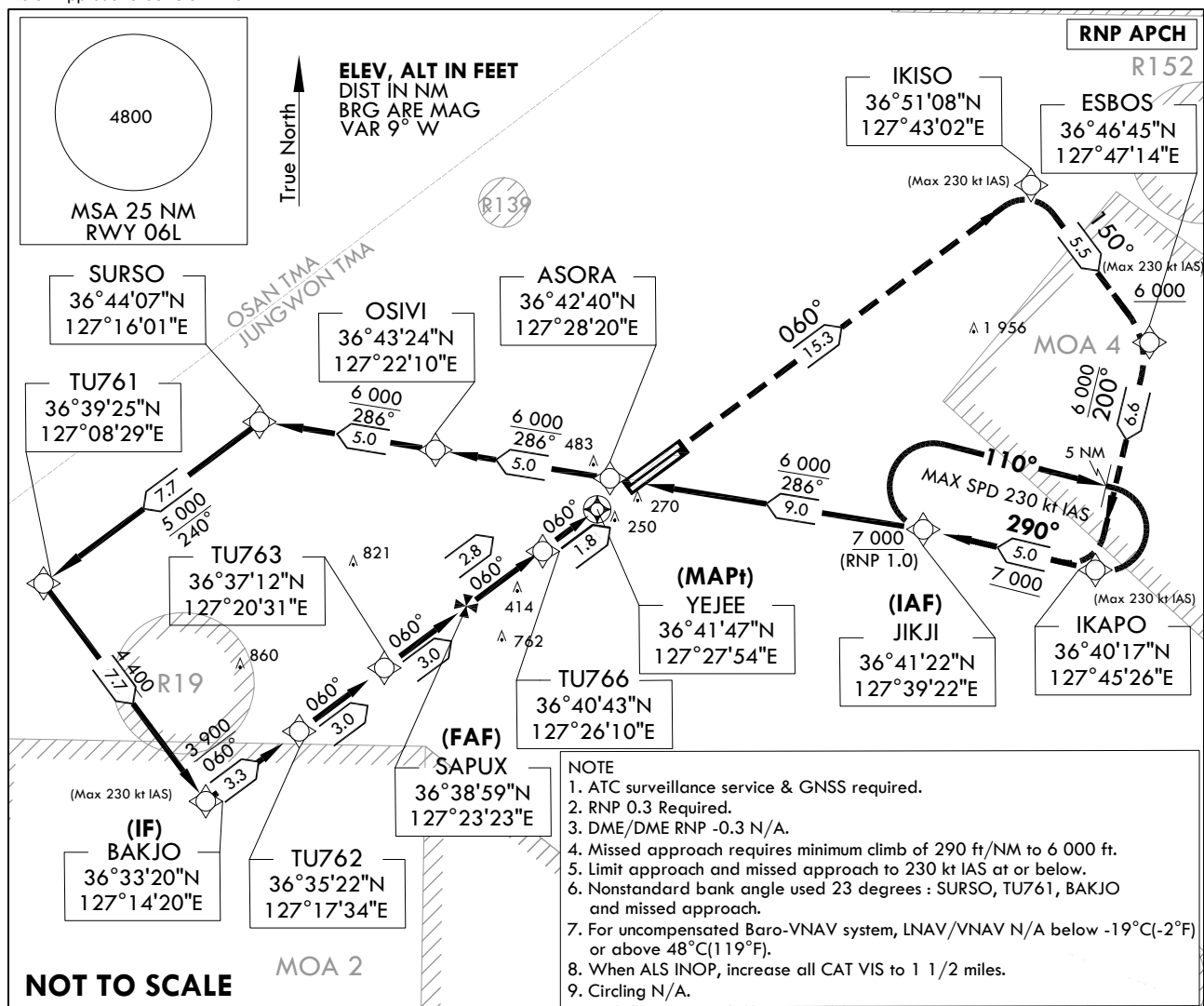
HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV GAYHA 3	HM	GAYHA	-	271.05(262.53)	1	R	-10 000 +6 000	-210	35°13'22.4"N 128°37'54.4"E	-	-	-

Change : Information of remarks for GAYHA.

INSTRUMENT
APPROACH
CHARTAERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 06L - ELEV 167 ftJUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6CHEONGJU/Cheongju INTL(RKTU)
RNP RWY 06L

Note : Approach under U.S TERPS.



CATEGORY		A	B	C	D	E
LNAV/VNAV DA	ALS	625-1 $\frac{1}{4}$ 458(500-1 $\frac{1}{4}$)				N/A
	ALS INOP	625-1 $\frac{1}{2}$ 458(500-1 $\frac{1}{2}$)				N/A
LNAV MDA	ALS	620-1 $\frac{1}{4}$ 453(500-1 $\frac{1}{4}$)				N/A
	ALS INOP	620-1 $\frac{1}{2}$ 453(500-1 $\frac{1}{2}$)				N/A
CIRCLING		N/A				

Change : Amended chart symbol.

CHEONGJU/Cheongju INTL(RKTU)
RNP RWY 06L

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 06L

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	-	JKJI	-	-	-	-	+7 000	-	36°41'21.7"N 127°39'22.1"E	-	RNAV 1	IAF
002	TF	ASORA	-	286 (278.5)	9.0	-	+6 000	-	36°42'40.4"N 127°28'19.6"E	-	RNAV 1	-
003	TF	OSVI	-	286 (278.3)	5.0	-	+6 000	-	36°43'23.8"N 127°22'10.3"E	-	RNAV 1	-
004	TF	SURSO	-	286 (278.3)	5.0	-	+6 000	-	36°44'06.8"N 127°16'01.0"E	-	RNAV 1	-
005	TF	TU761	-	240 (232.3)	7.7	-	+5 000	-	36°39'25.0"N 127°08'29.0"E	-	RNAV 1	-
006	TF	BAKJO	-	150 (142.2)	7.7	-	+4 400	-230	36°33'20.1"N 127°14'19.5"E	-	RNAV 1	IF
007	TF	TU762	-	060 (052.1)	3.3	-	+3 900	-	36°35'21.9"N 127°17'33.6"E	-	RNAV 1	-
008	TF	TU763	-	060 (052.3)	3.0	-	+3 000	-	36°37'12.1"N 127°20'30.5"E	-	RNAV 1	-
009	TF	SAPUX	-	060 (052.3)	2.9	-	+2 100	-	36°38'59.3"N 127°23'22.9"E	-	RNP 0.3	FAF
010	TF	TU766	-	060 (052.4)	2.8	-	+1 200	-	36°40'42.9"N 127°26'09.9"E	-	RNP 0.3	(LNAV only)
011	TF	YEJEE	Y	060 (052.4)	1.8	-	+620	-	36°41'47.4"N 127°27'53.8"E	-	RNP 0.3	MAPP(LNAV only)
012	TF	IKISO	-	060 (052.4)	15.3	-	+6 000	-230	36°51'08.3"N 127°43'01.8"E	-	RNAV 1	CG 290 ft/NM to 6 000 ft
013	TF	ESBOS	-	150 (142.4)	5.5	-	+6 000	-230	36°46'44.7"N 127°47'14.2"E	-	RNAV 1	-
014	TF	IKAPO	-	200 (192.6)	6.6	-	@7 000	-230	36°40'16.6"N 127°45'26.2"E	-	RNAV 1	-
015	TF	JKJI	-	290 (282.5)	5.0	-	@7 000	-230	36°41'21.7"N 127°39'22.1"E	-	RNAV 1	-
016	HM	JKJI	-	290 (282.5)	5.0	R	-	-	36°41'21.7"N 127°39'22.1"E	-	-	-

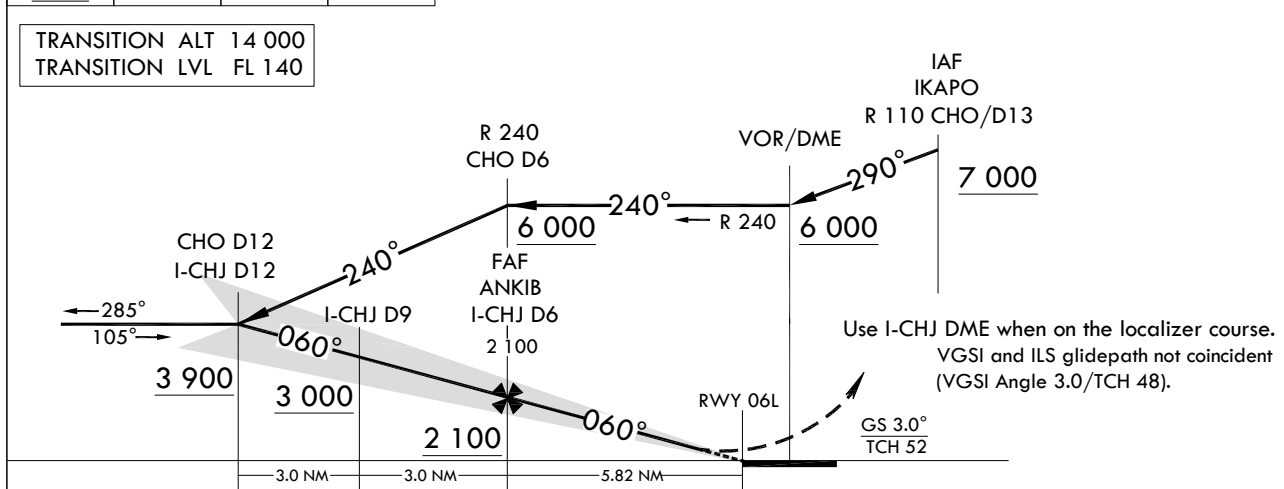
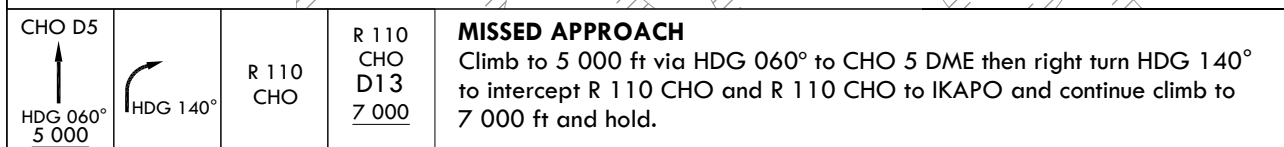
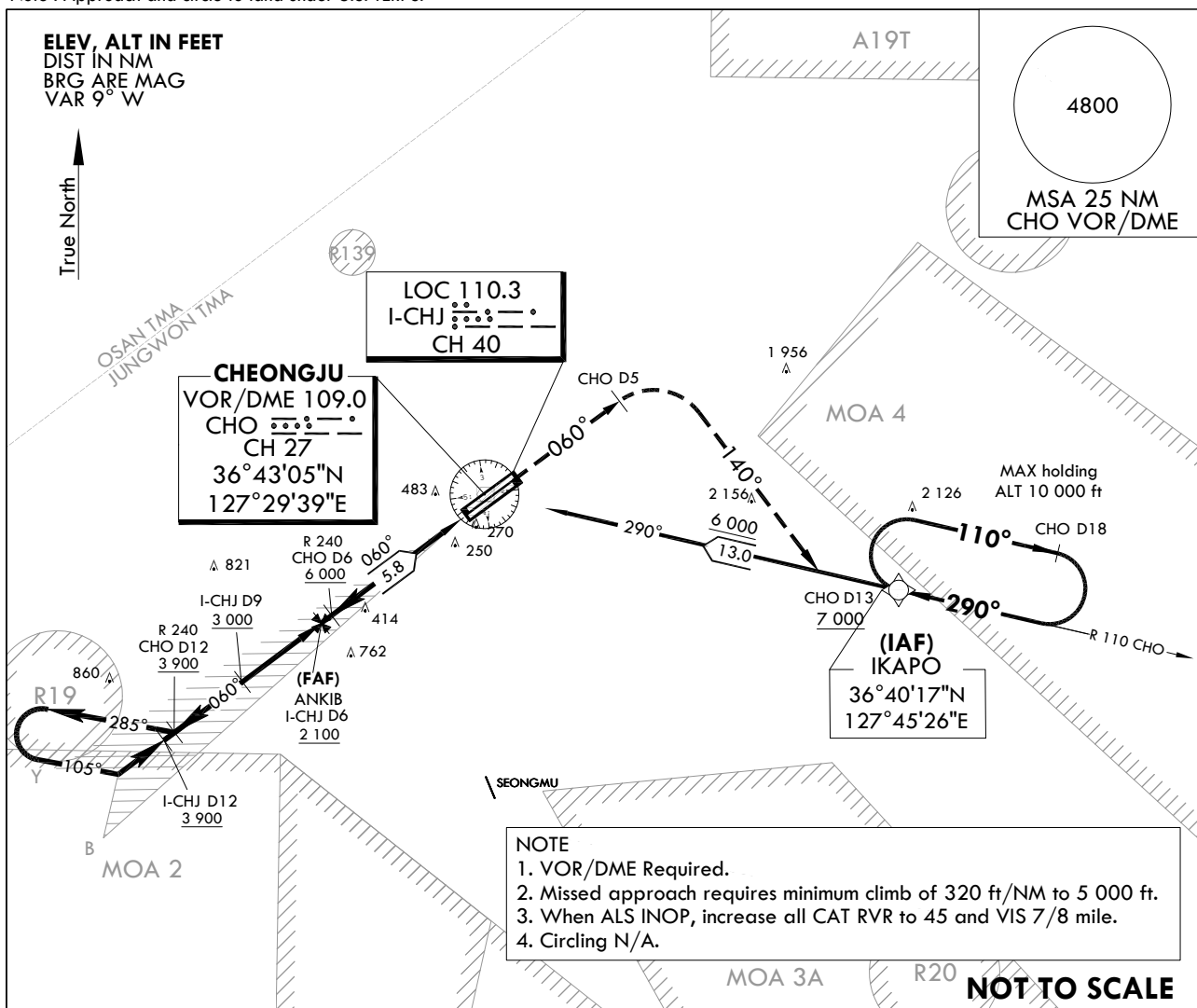
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 06L - ELEV **167 ft**

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju Intl(RKTU)
ILS Y
RWY 06L

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



CATEGORY		A	B	C	D	E
S-ILS 06L	ALS		367/40	200(200- $\frac{3}{4}$)		N/A
	ALS INOP		367/45	200(200- $\frac{7}{8}$)		N/A

Change : Amended chart symbol.

CHEONGJU/Cheongju Intl(RKTU)
ILS Y
RWY 06L

AERONAUTICAL DATA TABULATION

ILS Approach to RWY 06L			
Fix/Point		Coordinates	
IKAPO	R 110 CHO/13.00 NM CHO	36°40'16.6"N	127°45'26.2"E
CHO VOR/DME	-	36°43'04.9"N	127°29'38.7"E
D6 CHO	R 240 CHO/6.00 NM CHO	-	
D12 ICHJ	BRG 60.11°/12.00 NM ICHJ	36°35'21.9"N	127°17'33.6"E
D9 ICHJ	BRG 60.11°/9.00 NM ICHJ	36°37'12.1"N	127°20'30.5"E
ANKIB	-	36°39'02.7"N	127°23'28.6"E
RWY 06L THR	-	36°42'36.12"N	127°29'12.42"E
D5 CHO	BRG 60.11°/5.00 NM CHO	36°46'00.1"N	127°34'42.0"E
R 110 CHO	-	-	
IKAPO	R 110 CHO/13.00 NM CHO	36°40'16.6"N	127°45'26.2"E

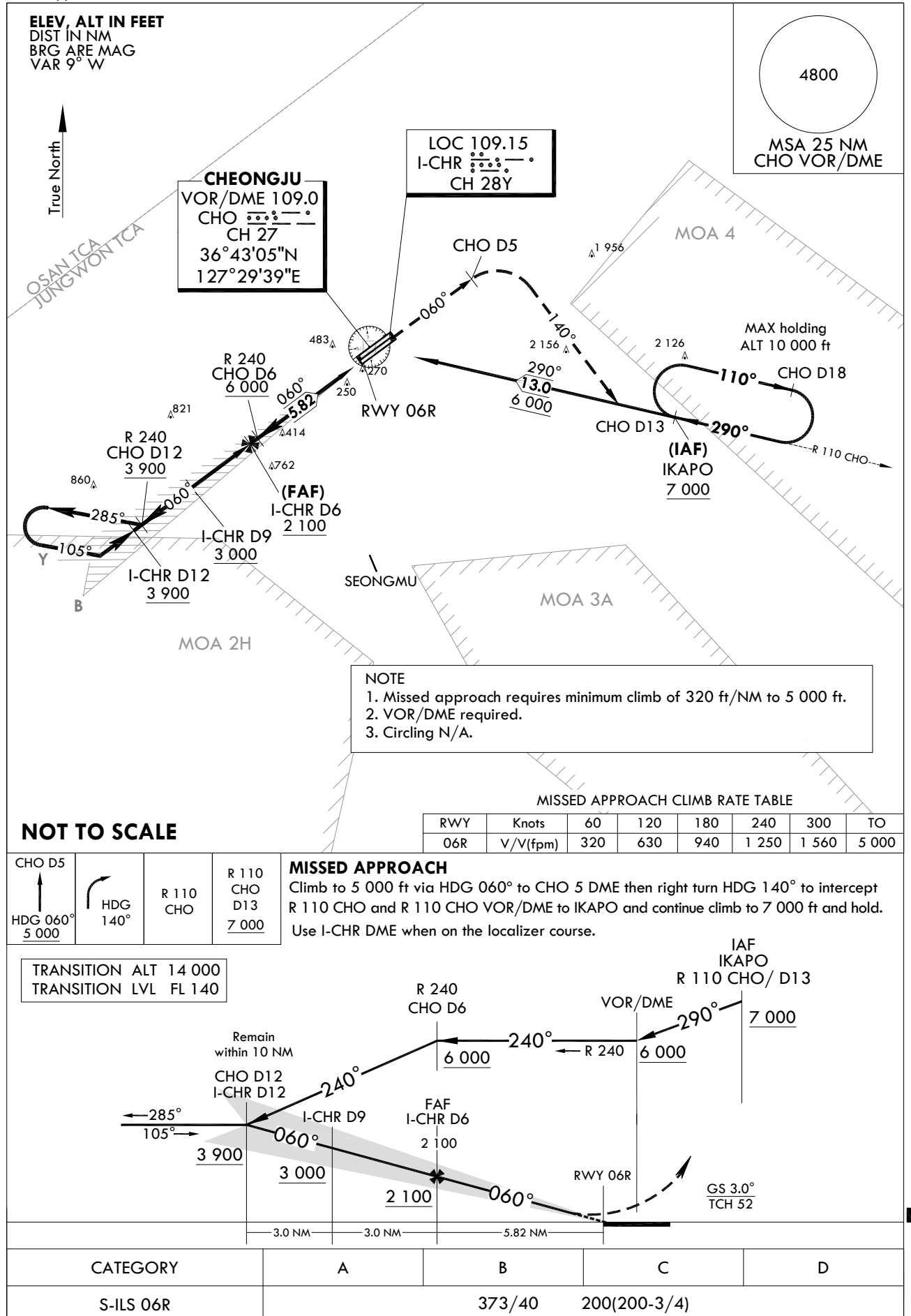
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 06R - ELEV 171 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
ILS Y
RWY 06R

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



Change : Amended chart symbol.

INTENTIONALLY

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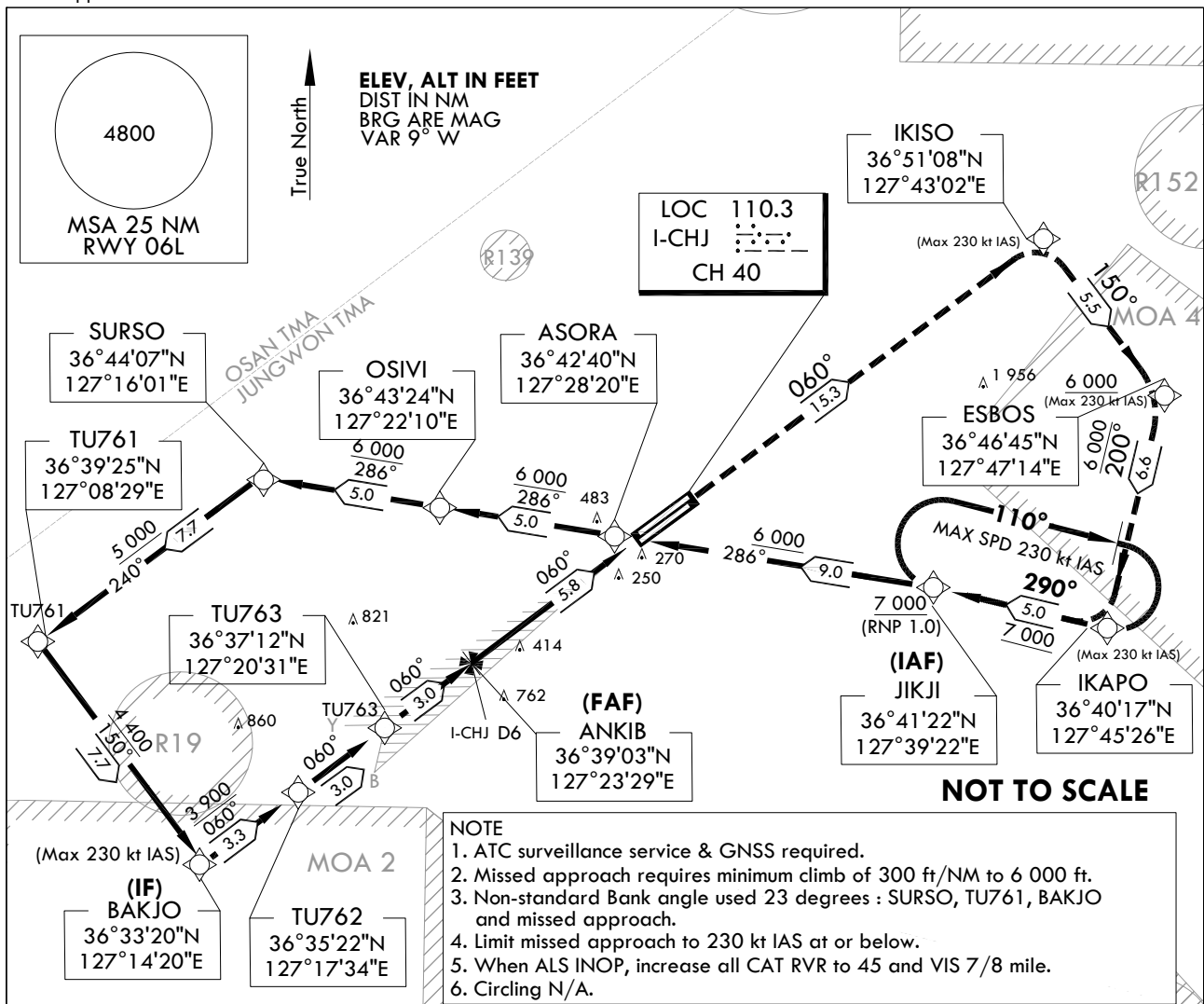
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 06L - ELEV **167 ft**

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju Intl(RKTU)
ILS Z
RWY 06L

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

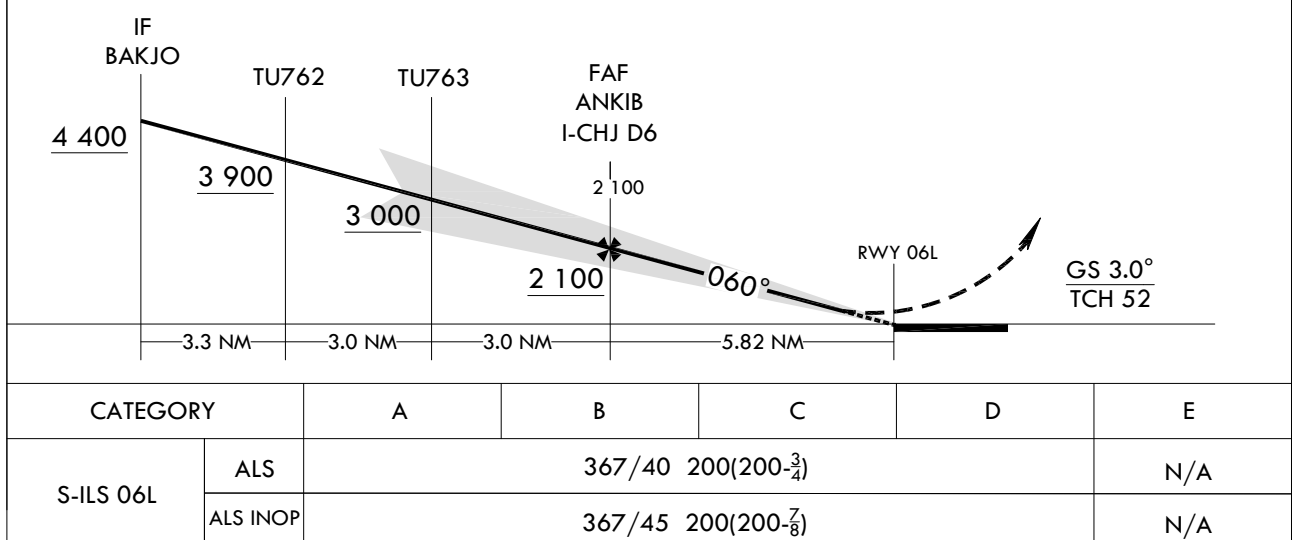
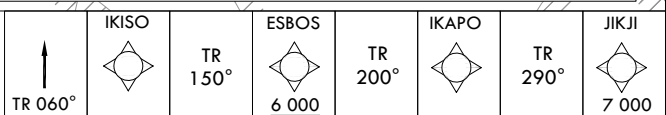


MISSED APPROACH

Climb to 6 000 ft via on track 060° to IKISO, then track 150° to cross ESBOS at or above 6 000 ft, then track 200° to IKAPO, then track 290° to cross JIKJI at or above 7 000 ft and hold.

Use I-CHJ DME when on the localizer course.

VGSI and ILS glidepath not coincident (VGSI Angle 3.0/TCH 48).



Change : Amended chart symbol.

CHEONGJU/Cheongju Intl(RKTU)
ILS Z
RWY 06L

AERONAUTICAL DATA TABULATION

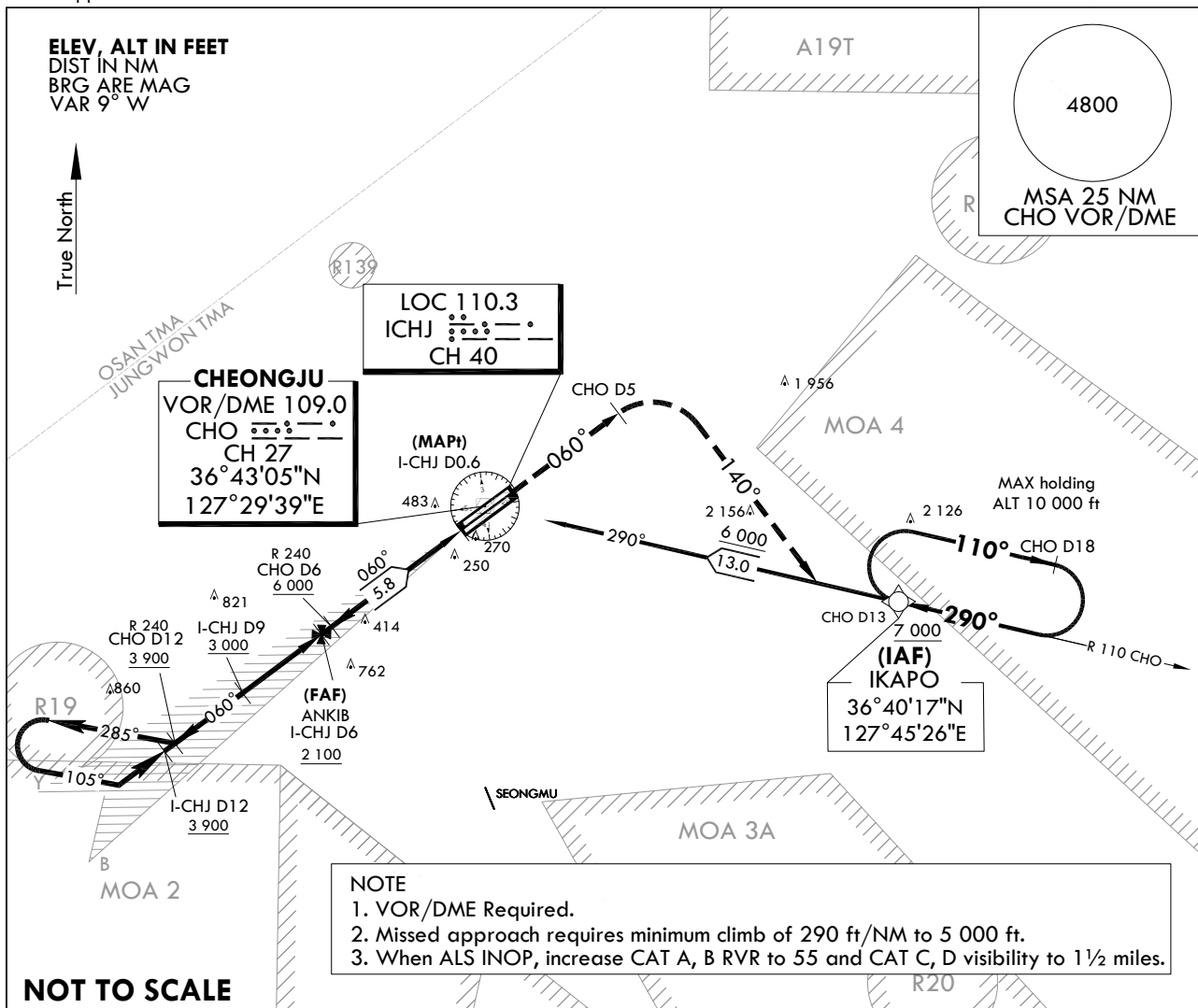
ILS Approach to RWY 06L			
Fix/Point		Coordinates	
JIKJI (IAF)	-	36°41'21.7"N	127°39'22.1"E
ASORA	-	36°42'40.4"N	127°28'19.6"E
OSIVI	-	36°43'23.8"N	127°22'10.3"E
SURSO	R 283 CHO/11.00 NM CHO	36°44'06.8"N	127°16'01.0"E
TU761	-	36°39'25.0"N	127°08'29.0"E
BAKJO	-	36°33'20.1"N	127°14'19.6"E
TU762	-	36°35'21.9"N	127°17'33.6"E
TU763	-	36°37'12.1"N	127°20'30.5"E
ANKIB	-	36°39'02.7"N	127°23'28.6"E
RWY 06L THR	-	36°42'36.12"N	127°29'12.42"E
IKISO	-	36°51'08.3"N	127°43'01.8"E
ESBOS	-	36°46'44.7"N	127°47'14.2"E
IKAPO	R 110 CHO/13.00 NM CHO	36°40'16.6"N	127°45'26.2"E
JIKJI	-	36°41'21.7"N	127°39'22.1"E

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 06L - ELEV **167 ft**

JUNGWON APP	134.0	265.75
CHEONGJU GCA	134.4	134.1
CHEONGJU TWR	118.7	126.2 249.6

CHEONGJU/Cheongju Intl(RKTU)
LOC Y
RWY 06L

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



CHO D5

 HDG 060°
 5 000

R 110 CHO

 HDG 140°

R 110 CHO D13
7 000

MISSED APPROACH
 Climb to 5 000 ft via HDG 060° to CHO 5 DME then right turn HDG 140° to intercept R 110 CHO and R 110 CHO to IKAPO and continue climb to 7 000 ft and hold.
 VGSI and ILS glidepath not coincident (VGSI Angle 3.0/TCH 48).

TRANSITION ALT 14 000
TRANSITION LVL FL 140



Remain within 10 NM
 CHO D12
 I-CHJ D12

285°
 105°

240°
 240°
 240°
 290°

3 900
 3 000
 2 100
 6 000
 7 000

I-CHJ D9
 I-CHJ D6
 I-CHJ D1.7

FAF ANKIB
 I-CHJ D6
 MAPt I-CHJ D0.6
 VOR/DME
 RWY 06L
 VDA 3.05°
 TCH 48

R 240 CHO D6
 R 240 CHO
 R 110 CHO/D13

Change : Amended chart symbol.

CHEONGJU/Cheongju Intl(RKTU)

LOC Y

RWY 06L

AERONAUTICAL DATA TABULATION

LOC Approach to RWY 06L from LOC/DME			
Fix/Point		Coordinates	
IKAPO	R 110 CHO/13.00 NM CHO	36°40'16.6"N	127°45'26.2"E
CHO VOR/DME	-	36°43'04.9"N	127°29'38.7"E
D6 CHO	R 240 CHO/6.00 NM CHO	-	
D12 ICHJ	BRG 60.11°/12.00 NM ICHJ	36°35'21.9"N	127°17'33.6"E
D9 ICHJ	BRG 60.11°/9.00 NM ICHJ	36°37'12.1"N	127°20'30.5"E
ANKIB	-	36°39'02.7"N	127°23'28.6"E
D0.6 ICHJ	0.6 NM ICHJ	-	
D5 CHO	BRG 60.11°/5.00 NM CHO	36°46'00.1"N	127°34'42.0"E
R 110 CHO	-	-	
IKAPO	R 110 CHO/13.00 NM CHO	36°40'16.6"N	127°45'26.2"E

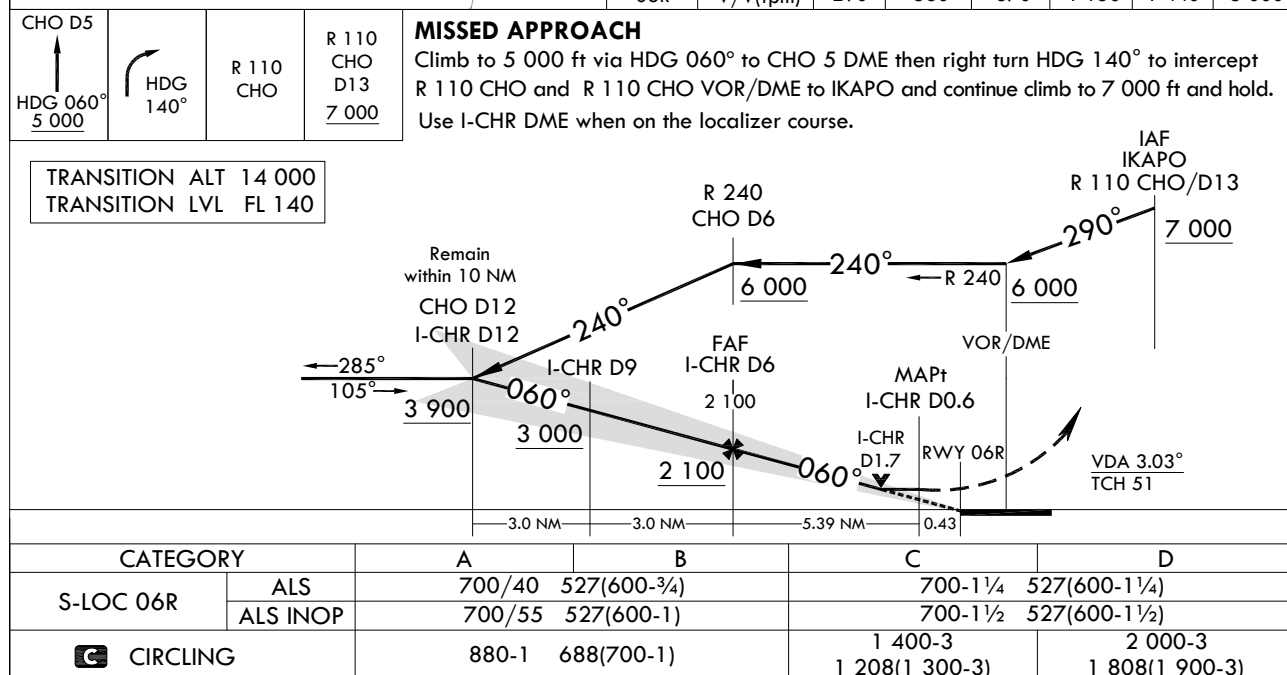
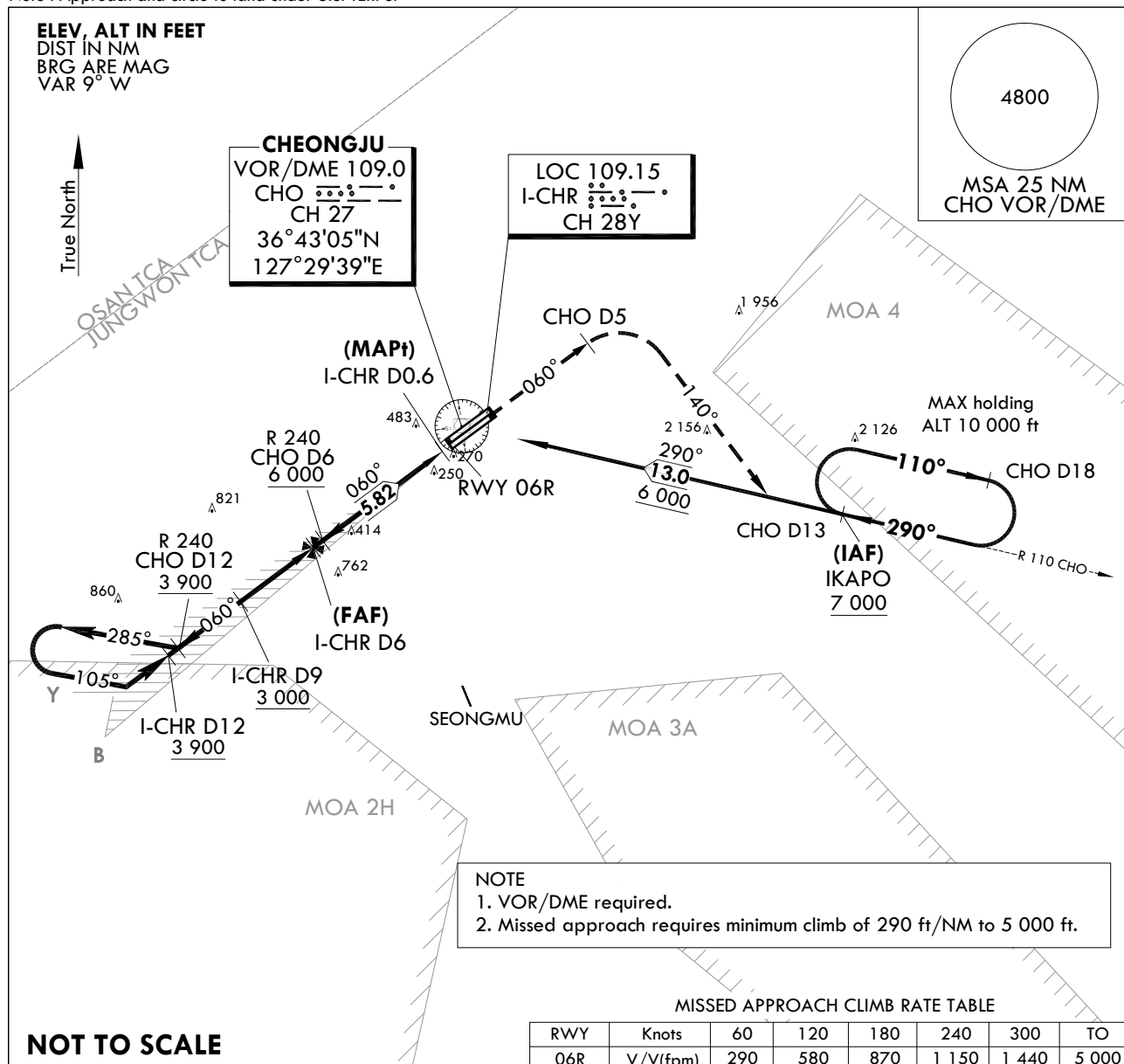
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 06R - ELEV 171 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

**CHEONGJU/Cheongju INTL(RKTU)
LOC
RWY 06R**

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



Change : Amended chart symbol.

INTENTIONALLY

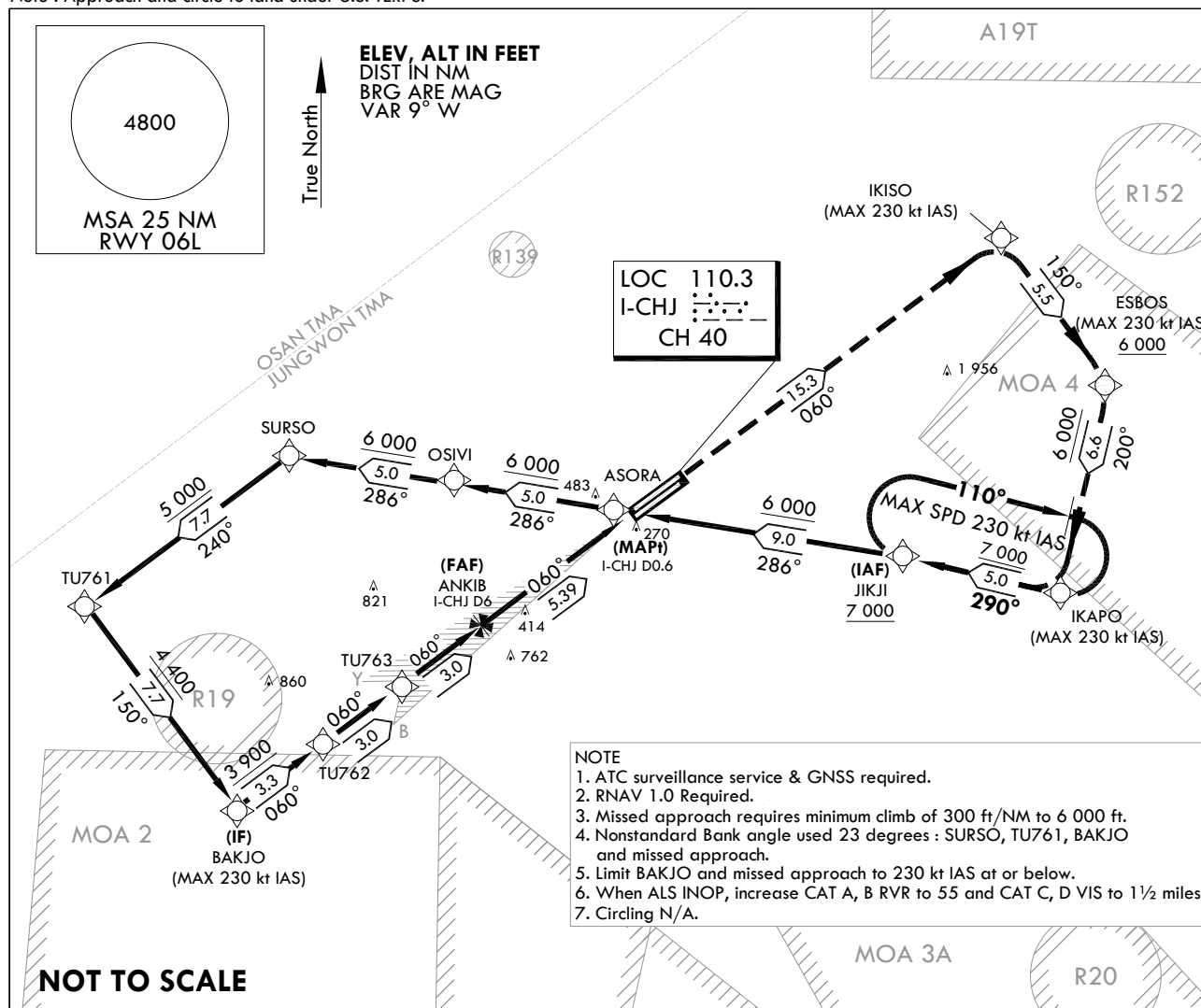
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JUNGWON APP	134.0	265.75
CHEONGJU GCA	134.4	134.1
CHEONGJU TWR	118.7	126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
LOC Z
RWY 06L

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

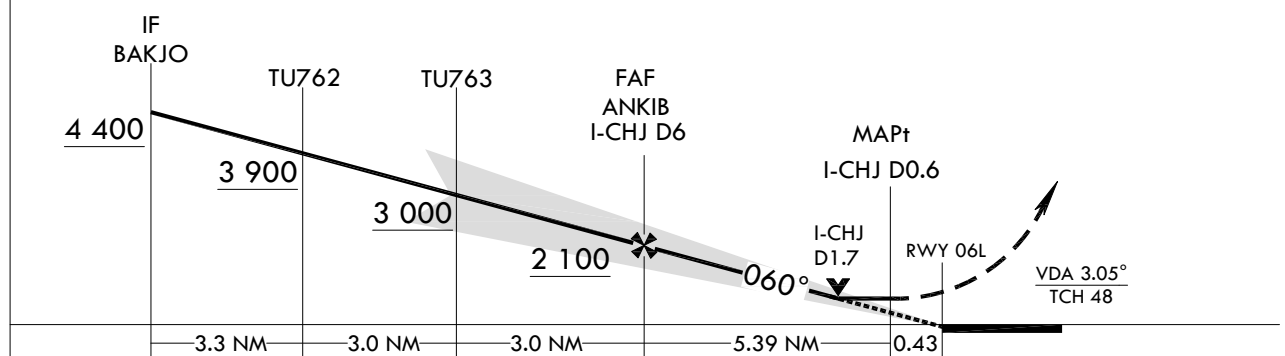


Climb to 6 000 ft via on track 060° to IKISO, then track 150° to cross ESBOS at or above 6 000 ft, then track 200° to IKAPO, then track 290° to cross JIKJI at or above 7 000 ft and hold.

Use I-CHJ DME when on the localizer course.

 TR 060°	IKISO 	TR 150°  6 000	ESBOS TR 200° 	IKAPO TR 290° 	JIKJI  7 000
--	--	--	--	--	---

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



CATEGORY		A	B	C	D	E
S-LOC 06L	ALS	700/40 533(600- $\frac{3}{4}$)		700-1 $\frac{1}{4}$ 533(600-1 $\frac{1}{4}$)		N/A
	ALS INOP	700/55 533(600-1)		700-1 $\frac{1}{2}$ 533(600-1 $\frac{1}{2}$)		N/A

Change : Amended chart symbol.

INTENTIONALLY

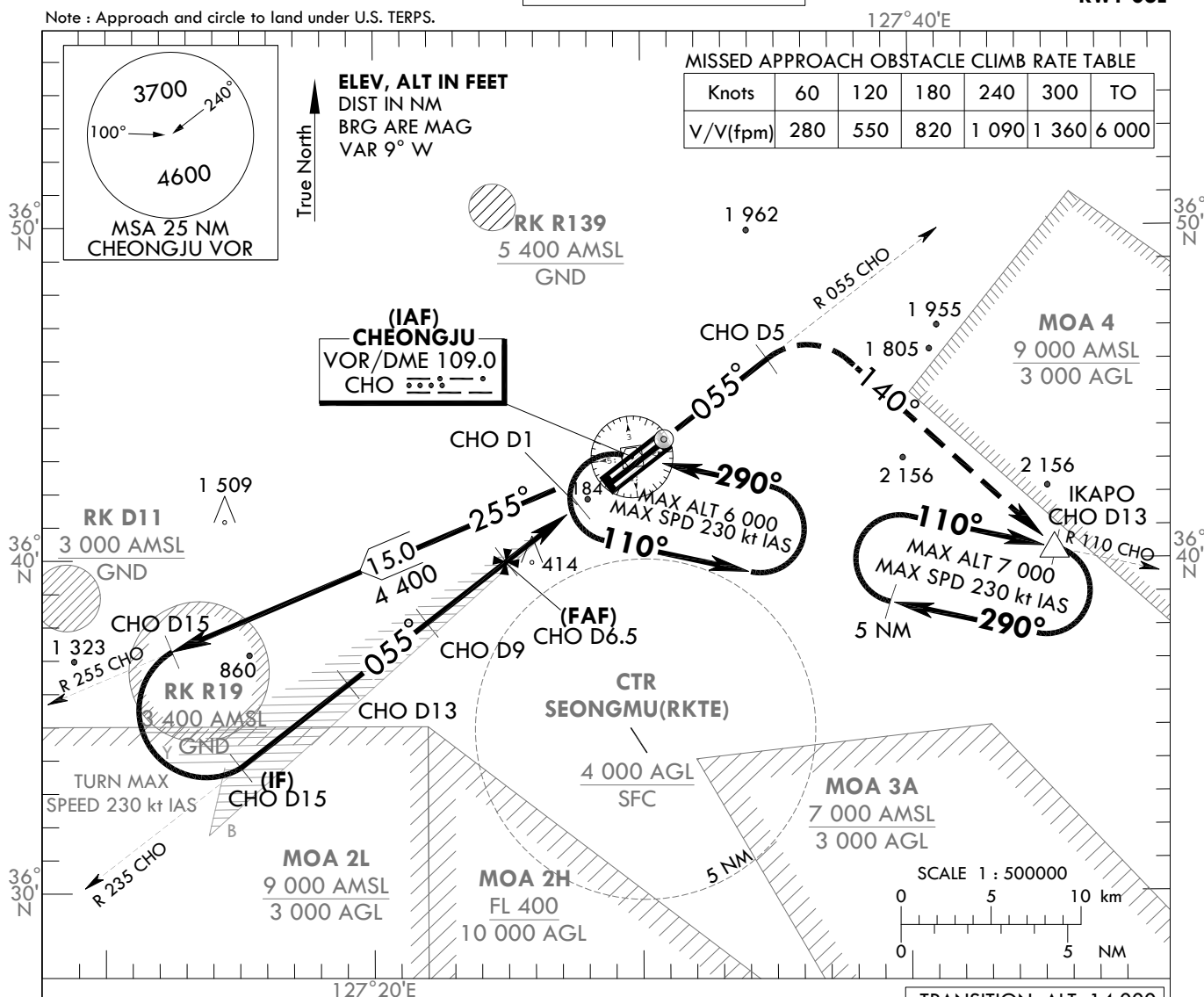
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JUNGWON APP	134.0	265.75
CHEONGJU GCA	134.4	134.1
CHEONGJU TWR	118.7	126.2 249.6

CHEONGJU/Cheongju Intl(RKTU)
VOR
RWY 06L

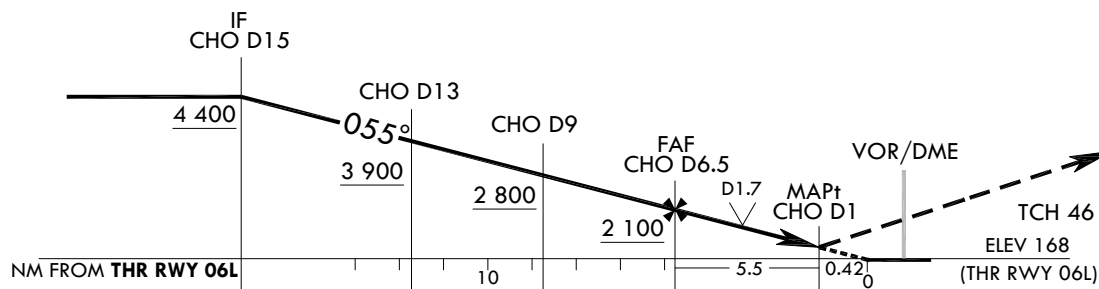
Note : Approach and circle to land under U.S. TERPS.



Climb to 7 000 ft, via HDG 055° to CHO D5, then right turn HDG 140°, then direct to IKAPO and hold.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

* When ALS INOP, increase CAT A, B RVR to 50 and VIS to 1 mile, CAT C VIS to 1½ miles, CAT D VIS to 1¾ miles.



CATEGORY	A	B	C	D
S-VOR	700/24 532(600- $\frac{1}{2}$)		700/50 532(600-1)	700/60 532(600-1 $\frac{1}{4}$)
CIRCLING	780-1 588(600-1)	820-1 628(700-1)	820-1$\frac{3}{4}$ 628(700-1 $\frac{3}{4}$)	1 200-3 1 008(1 100-3)

Change : Amended chart symbol.

INTENTIONALLY

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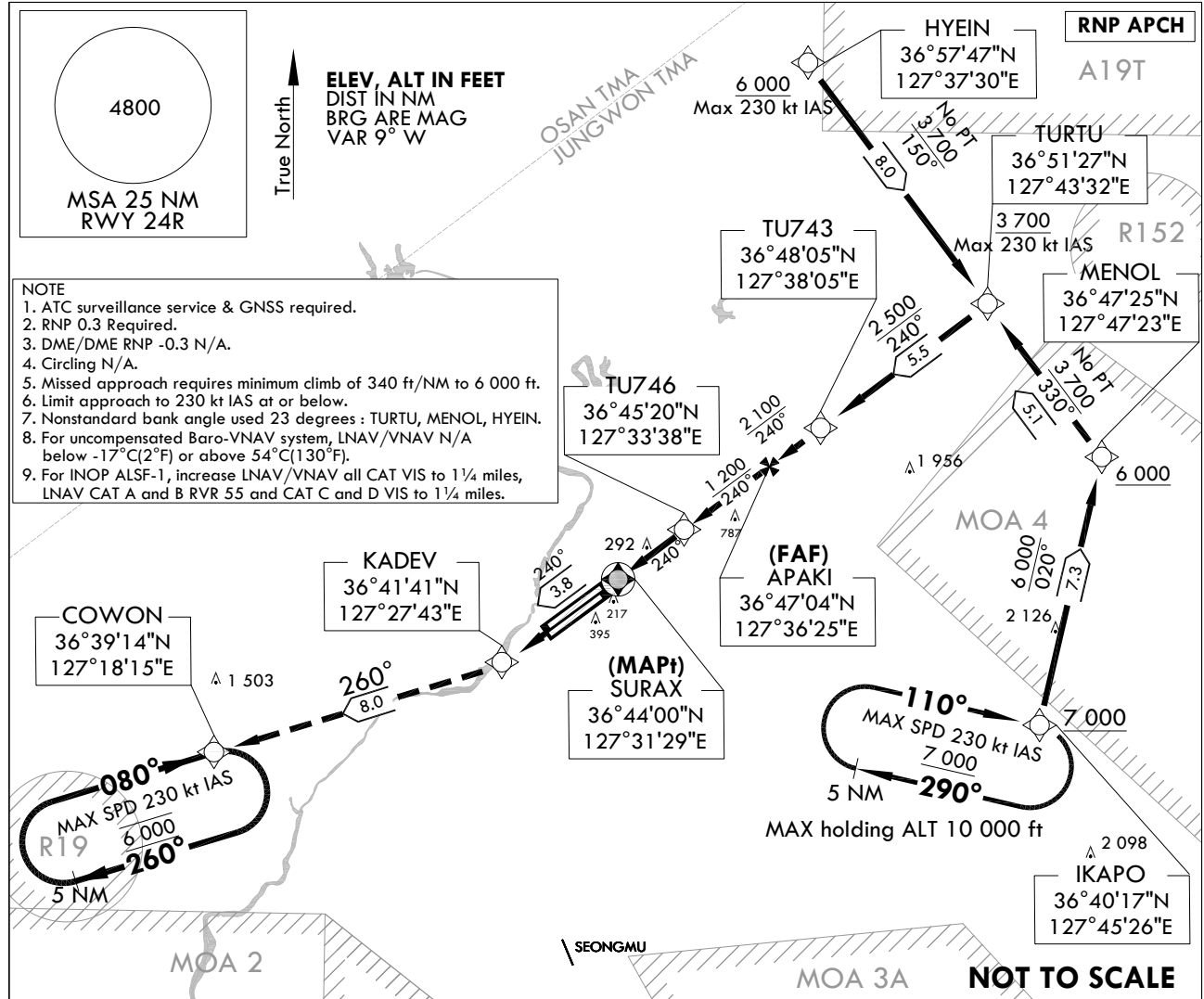
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24R - ELEV 187 ft

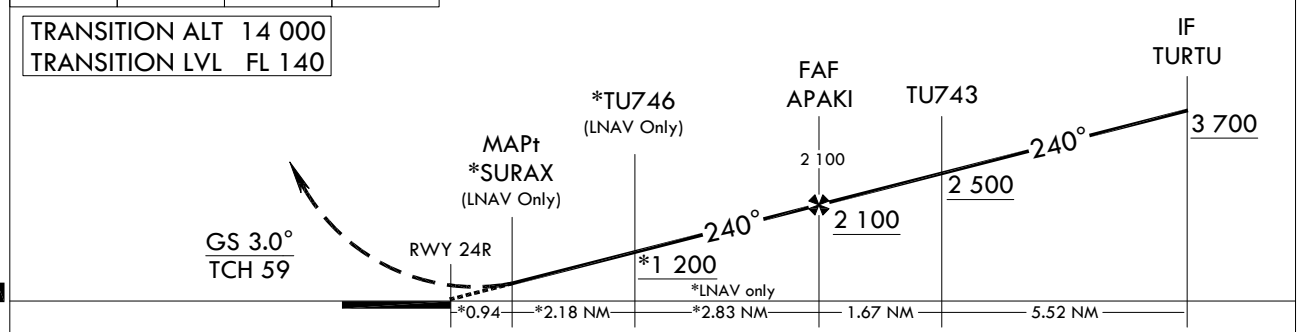
JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
RNP RWY 24R

Note : Approach under U.S. TERPS.



↑ TR 240°	KADEV	TR 260°	COWON	MISSED APPROACH Climb to 6 000 ft via on track 240° to KADEV, then track 260° to COWON, then continue climb to 6 000 ft and hold.
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CATEGORY		A	B	C	D	E
LNAV/VNAV DA	ALS	602/40 415(500- $\frac{7}{8}$)				N/A
	ALS INOP	602/1 $\frac{1}{4}$ 415(500-1 $\frac{1}{4}$)				N/A
LNAV MDA	ALS	620/40 433(500- $\frac{3}{4}$)				N/A
	ALS INOP	620/55 433(500-1)		620-1 $\frac{1}{4}$ 433(500-1 $\frac{1}{4}$)		N/A
CIRCLING		N/A				

Change : Amended chart symbol.

CHEONGJU/Cheongju INTL(RKTU)
RNP RWY 24R

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 24R - via IKAPO to TURTU(IF)

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	-	IKAPO	-	-	-	-	+7 000	-	36°40'16.6"N 127°45'26.2"E	-	RNAV 1	IAF
002	TF	MENOL	-	020 (012.32)	7.3	-	+6 000	-	36°47'25.1"N 127°47'22.5"E	-	RNAV 1	-
003	TF	TURTU	-	330 (322.61)	5.1	-	+3 700	-230	36°51'27.0"N 127°43'32.3"E	-	RNAV 1	IF

RNP RWY 24R - via HYEIN to TURTU(IF)

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	HYEIN	-	-	-	-	+6 000	-230	36°57'47.1"N 127°37'29.7"E	-	RNAV 1	IAF
002	TF	TURTU	-	150 (142.51)	8.0	-	+3 700	-230	36°51'27.0"N 127°43'32.3"E	-	RNAV 1	IF

RNP RWY 24R - via TURTU(IF) to MAHF

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	TURTU	-	-	-	-	+3 700	-230	36°51'27.0"N 127°43'32.3"E	-	RNAV 1	IF
002	TF	TU743	-	240 (232.56)	5.5	-	+2 500	-	36°48'05.3"N 127°38'04.9"E	-	RNAV 1	-
003	TF	APAKI	-	240 (232.51)	1.7	-	+2 100	-	36°47'03.7"N 127°36'25.0"E	-	RNP 0.3	FAF
004	TF	TU746	-	240 (232.49)	2.8	-	+1 200	-	36°45'20.2"N 127°33'37.6"E	-	RNP 0.3	LNAV only
005	TF	SURAX	Y	240 (232.46)	2.2	-	+620	-	36°44'00.5"N 127°31'28.6"E	-	RNP 0.3	MAP(LNAV only)
006	TF	KADEV	-	240 (232.44)	3.8	-	-	-	36°41'40.5"N 127°27'42.6"E	-	RNAV 1	CG 340 ft/NM to 6 000 ft
007	TF	COWON	-	260 (252.25)	8.0	-	6 000	-	36°39'13.6"N 127°18'14.5"E	-	RNAV 1	-
008	HM	IKAPO	-	110 (102.15)	5.0	-	+7 000	-	36°40'16.6"N 127°45'26.2"E	-	-	-
009	HM	COWON	-	080 (072.25)	5.0	-	@6 000	-	36°39'13.6"N 127°18'14.5"E	-	-	-

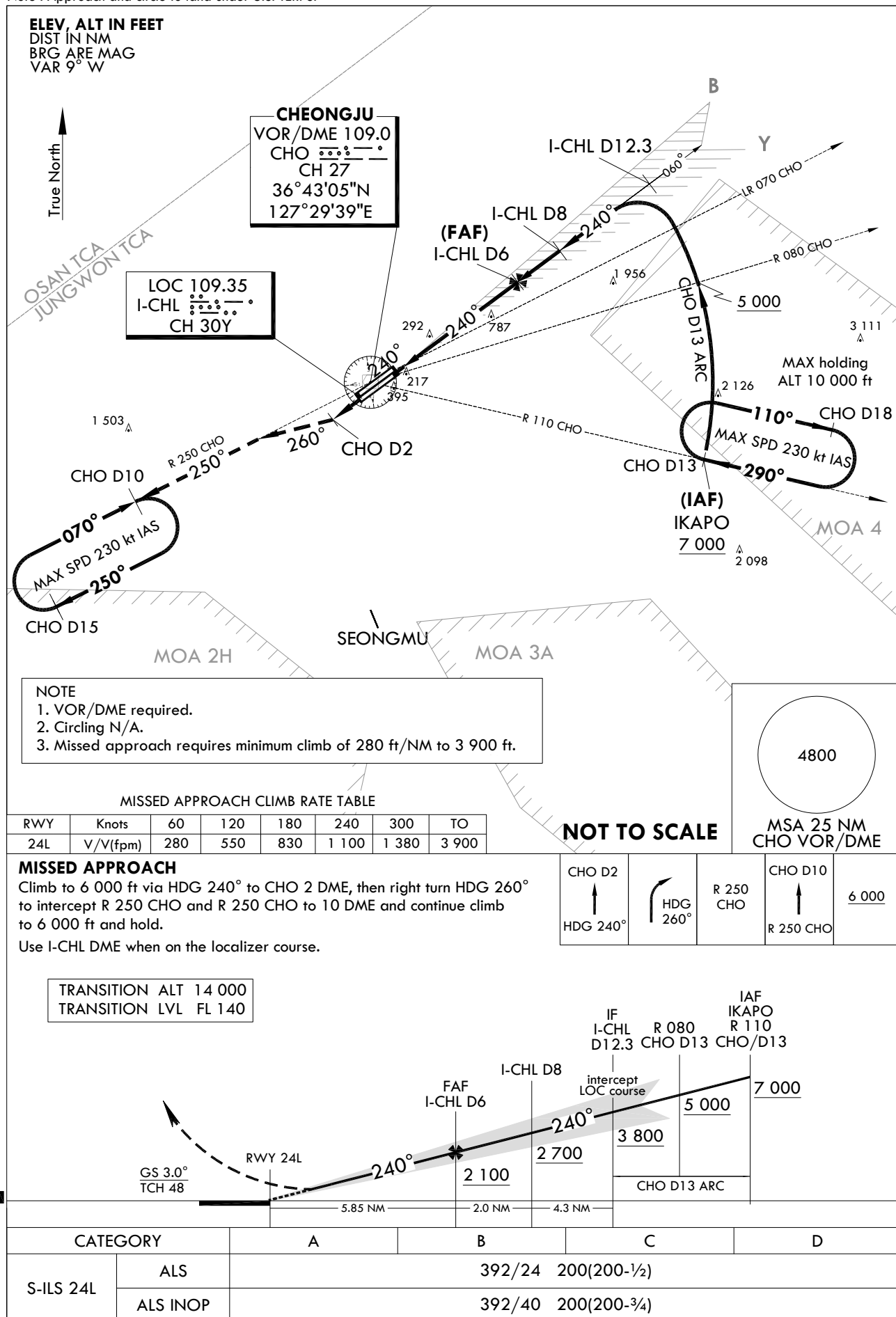
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24L - ELEV 192 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
ILS
RWY 24L

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



Change : Amended chart symbol.

INTENTIONALLY

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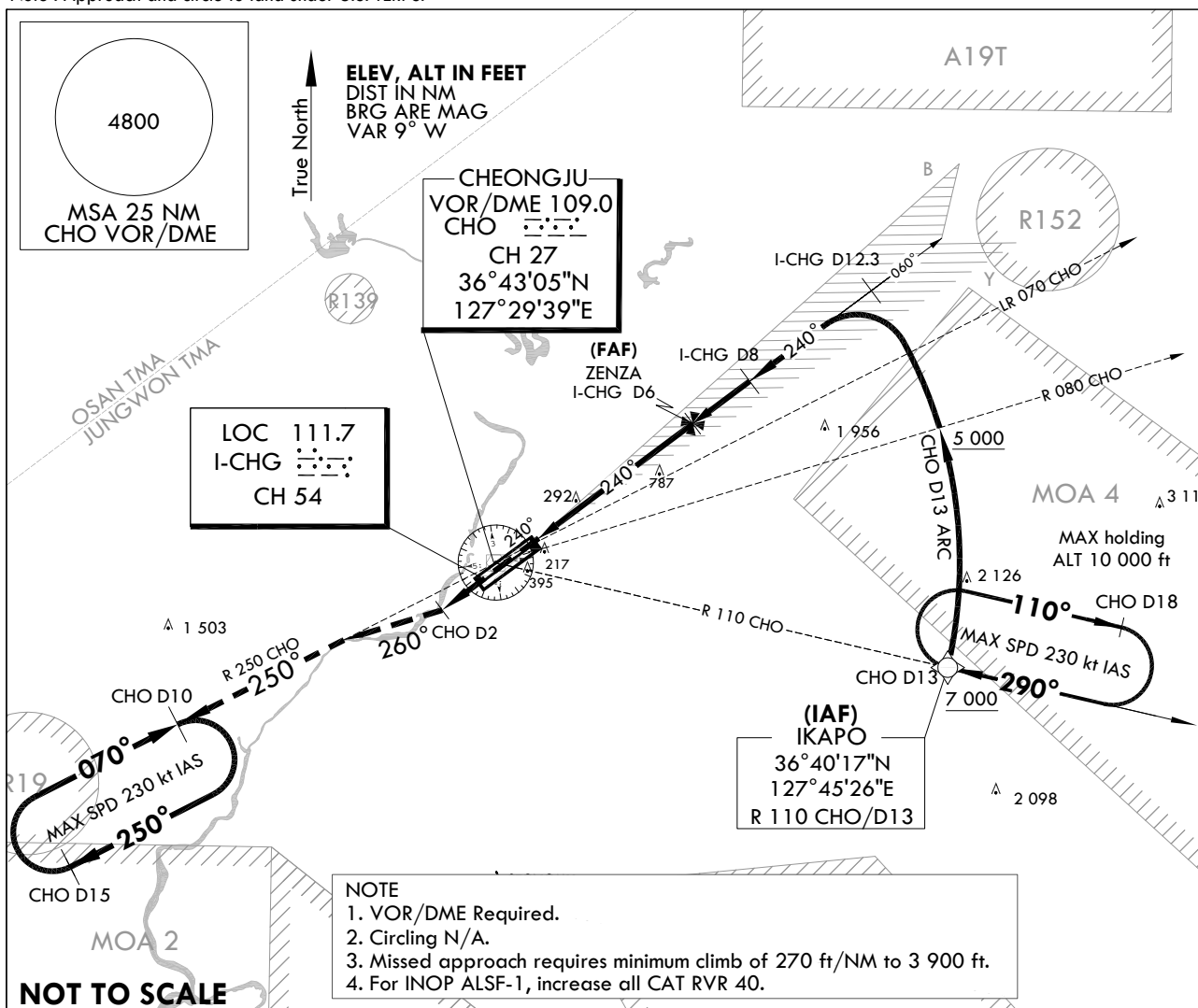
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24R - ELEV **187 ft**

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
ILS Y
RWY 24R

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



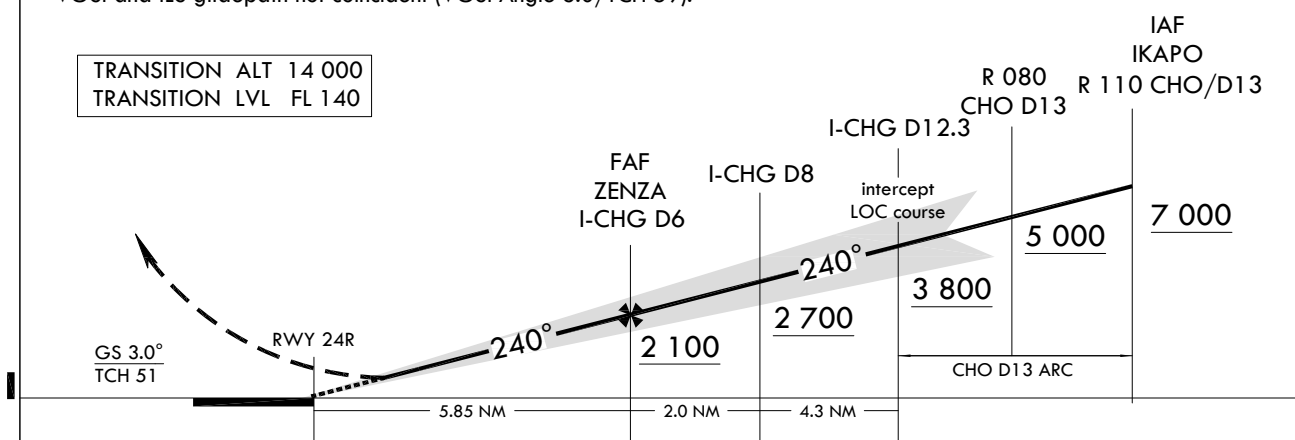
MISSED APPROACH

Climb to 6 000 ft via HDG 240° to CHO 2 DME, then right turn HDG 260° to intercept R 250 CHO and R 250 CHO to 10 DME and continue climb to 6 000 ft and hold.

Use I-CHG DME when on the localizer course.

* VGSI and ILS glidepath not coincident (VGSI Angle 3.0/TCH 59).

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY		A	B	C	D	E
S-ILS 24R	ALS		387/24 200(200- $\frac{1}{2}$)			N/A
	ALS INOP		387/40 200(200- $\frac{3}{4}$)			N/A

Change : Amended chart symbol.

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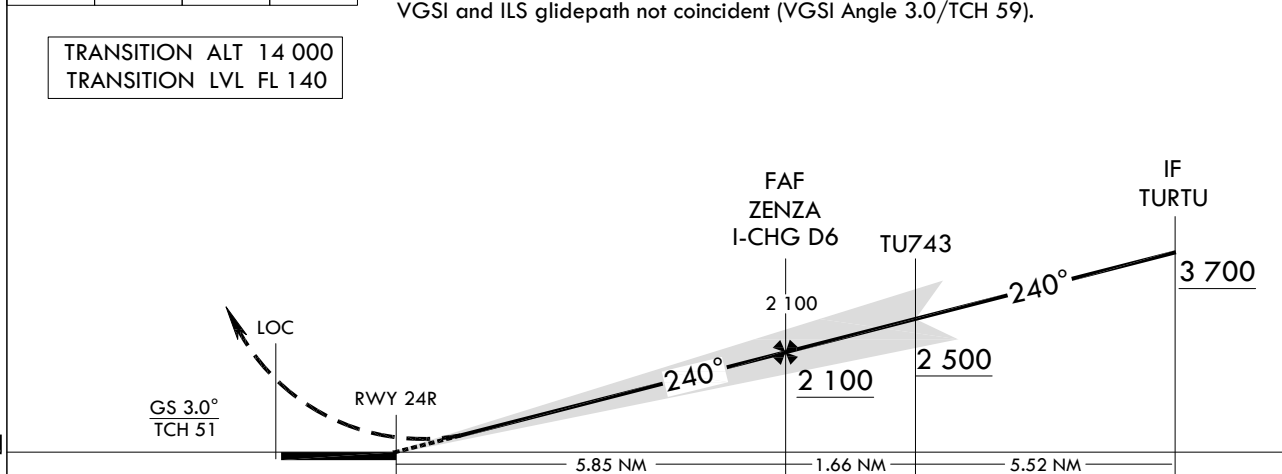
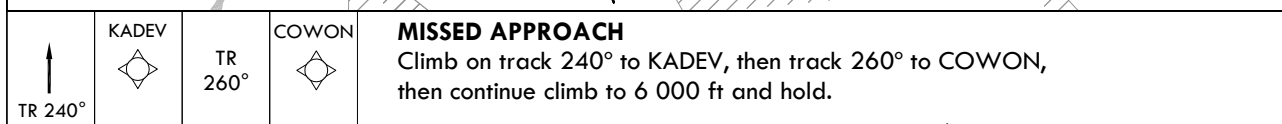
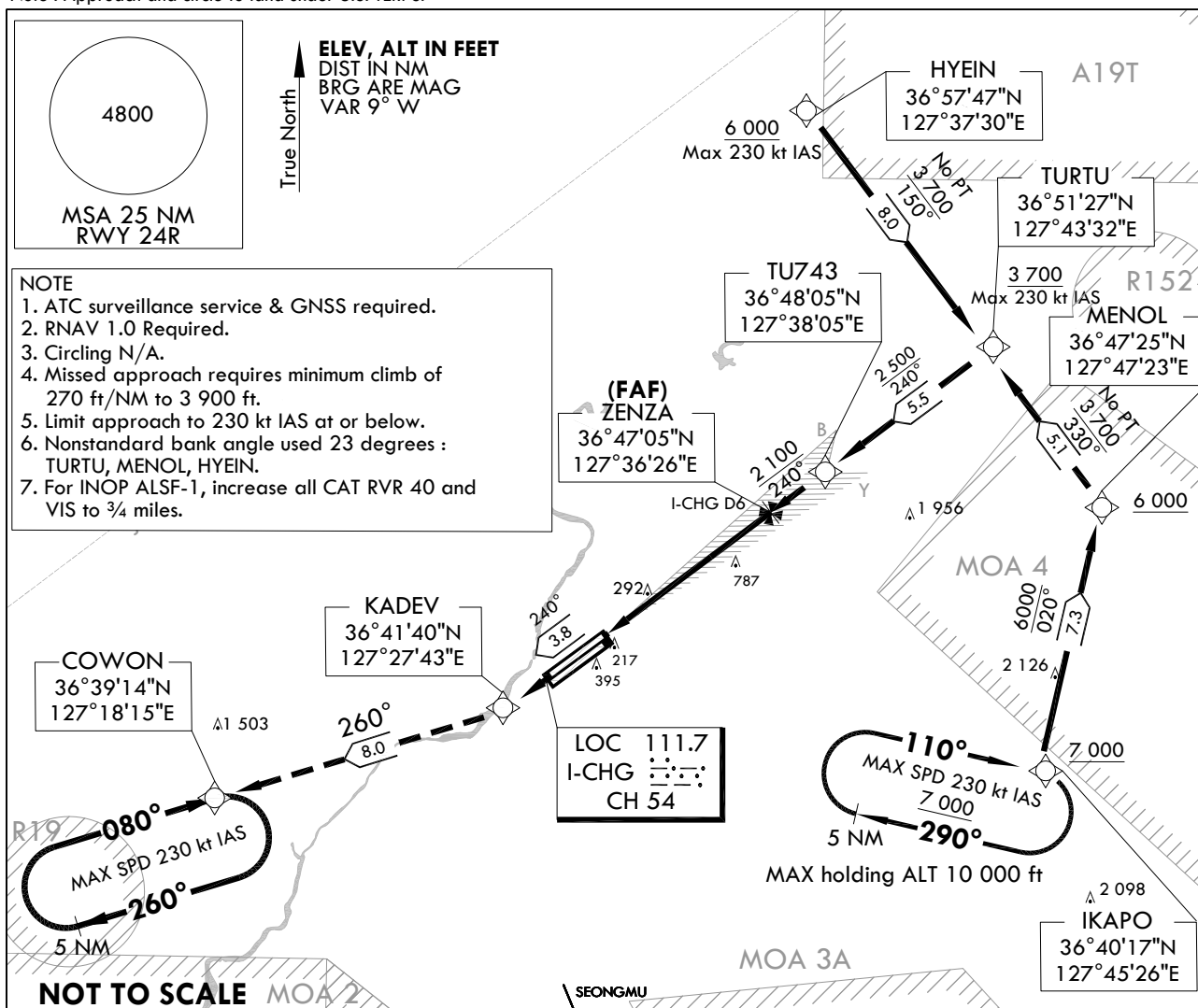
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24R - ELEV 187 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
ILS Z
RWY 24R

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



CATEGORY		A	B	C	D	E
S-ILS 24R	ALS		387/24	200(200- $\frac{1}{2}$)		N/A
	ALS INOP		387/40	200(200- $\frac{3}{4}$)		N/A

Change : Amended chart symbol.

INTENTIONALLY

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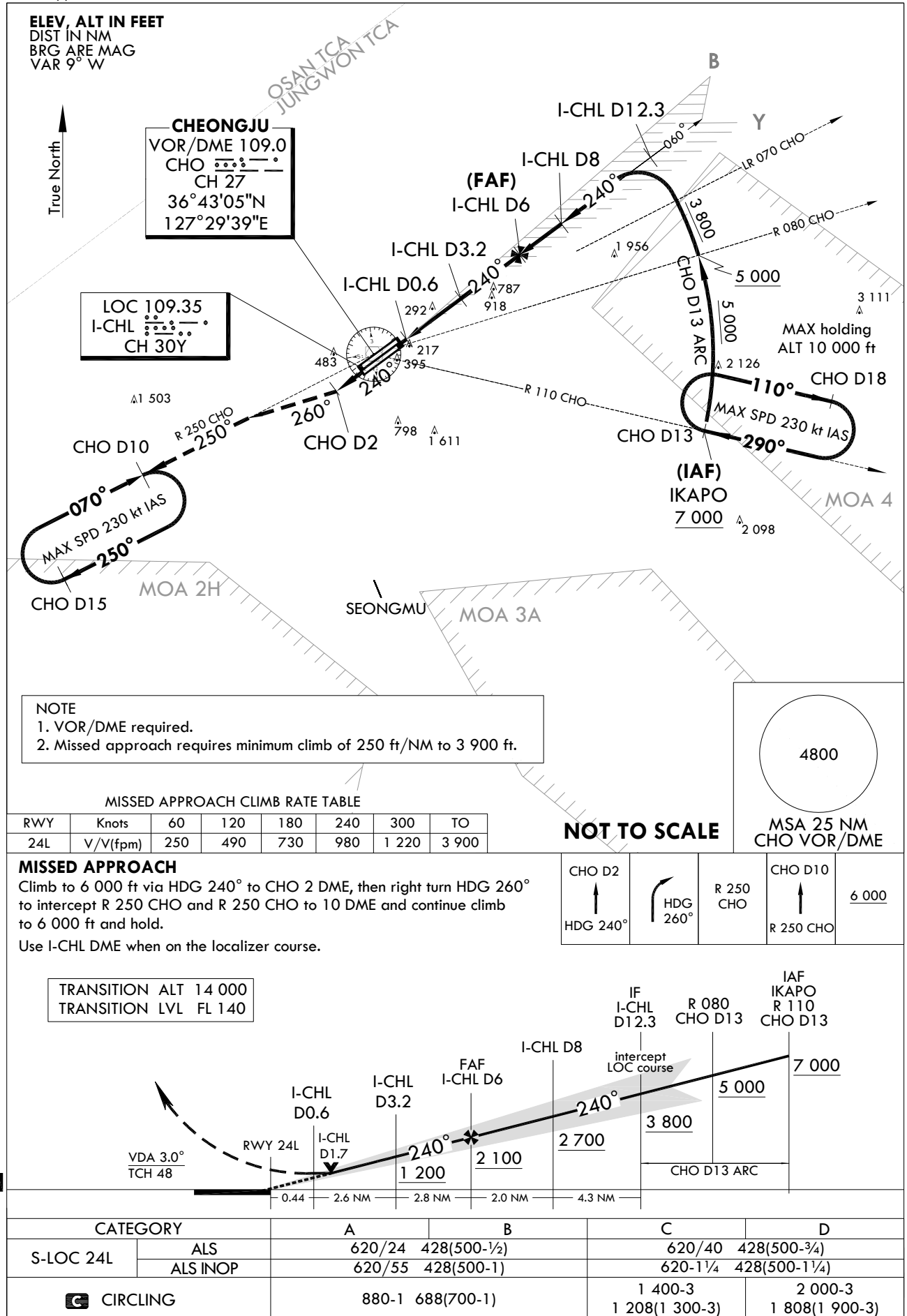
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24L - ELEV 192 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

**CHEONGJU/Cheongju INTL(RKTU)
LOC
RWY 24L**

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



Change : Amended chart symbol.

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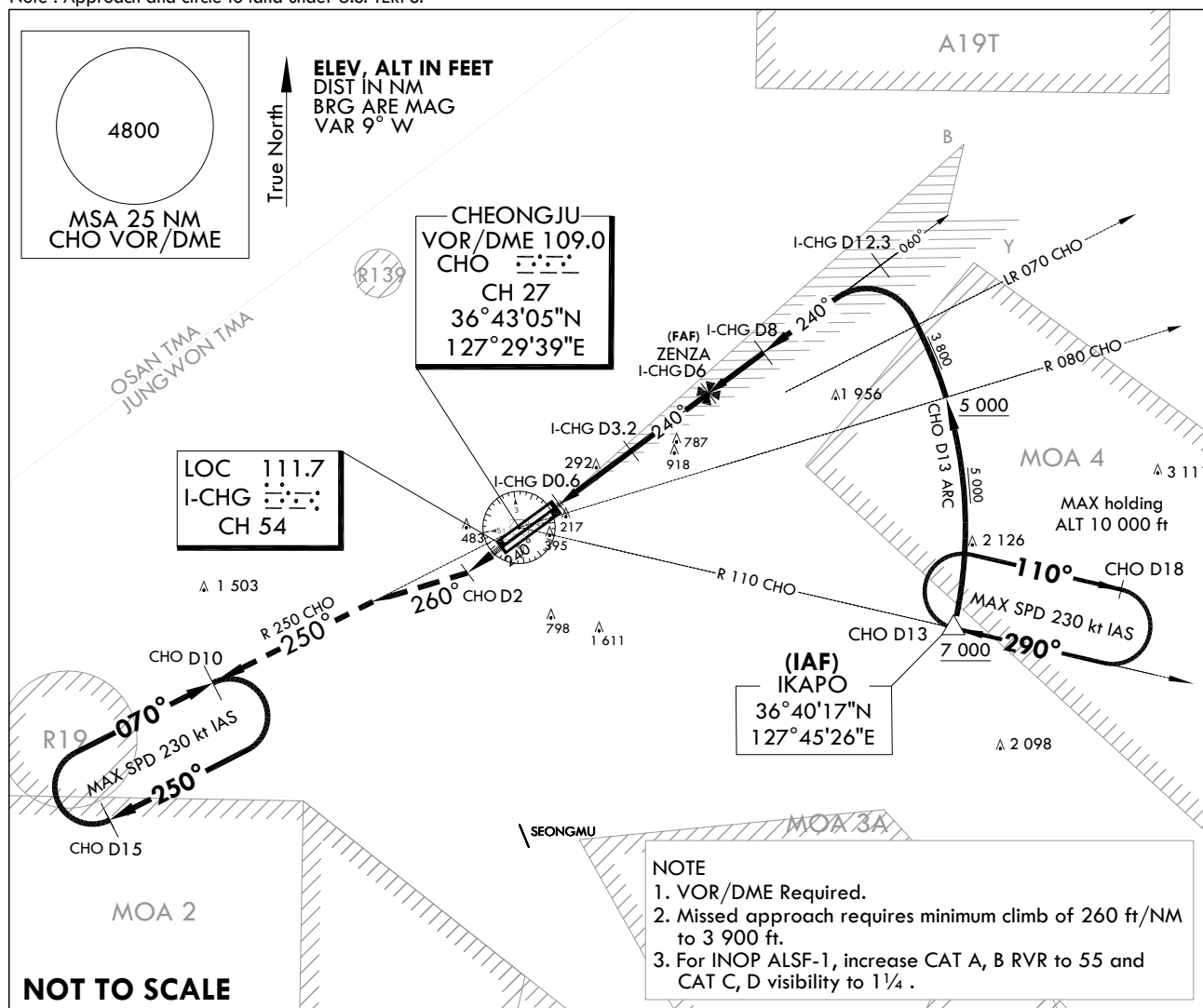
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24R - ELEV 187 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
LOC Y
RWY 24R

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



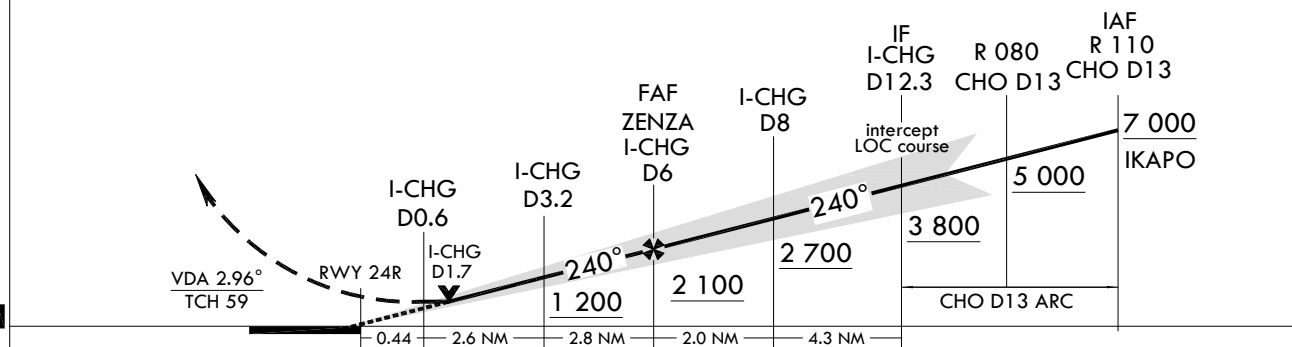
CHO D2	HDG 240°	R 250 CHO	CHO D10	R 250 CHO	6 000
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MISSED APPROACH

Climb to 6 000 ft via HDG 240° to CHO 2 DME, then right turn HDG 260° to intercept R 250 CHO and R 250 CHO to 10 DME and continue climb to 6 000 ft and hold.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

Use I-CHG DME when on the localizer course.



CATEGORY		A	B	C	D	E
S-LOC 24R	ALS	620/24	433(500-1/2)	620/40	433(500-3/4)	N/A
	ALS INOP	620/55	433(500-1)	620-1 1/4	433(500-1 1/4)	N/A
CIRCLING		880-1	688(700-1)	1 200-3 1 008(1 100-3)	2 000-3 1 808(1 900-3)	N/A

Change : Amended chart symbol.

INTENTIONALLY

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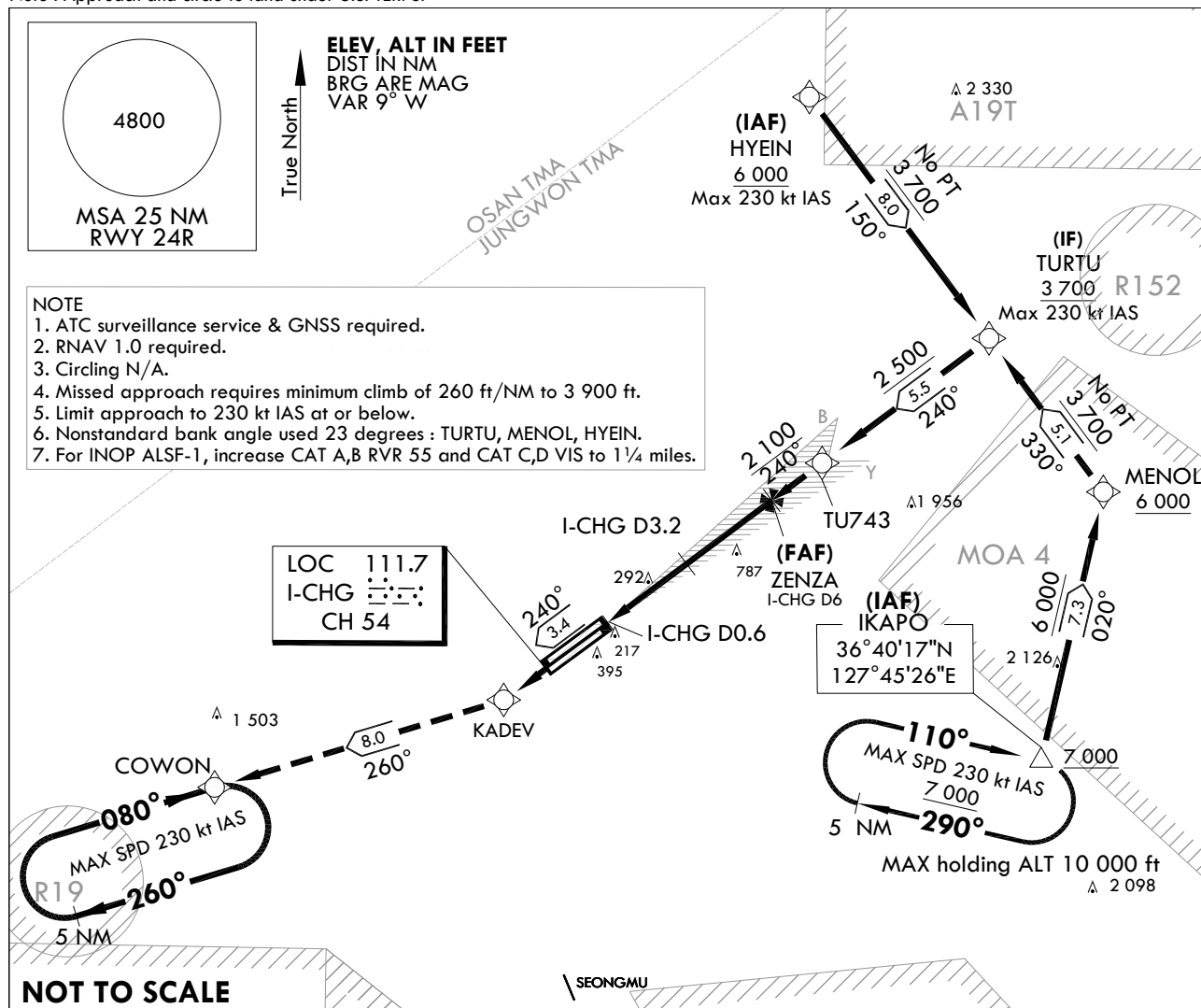
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24R - ELEV 187 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

CHEONGJU/Cheongju INTL(RKTU)
LOC Z
RWY 24R

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



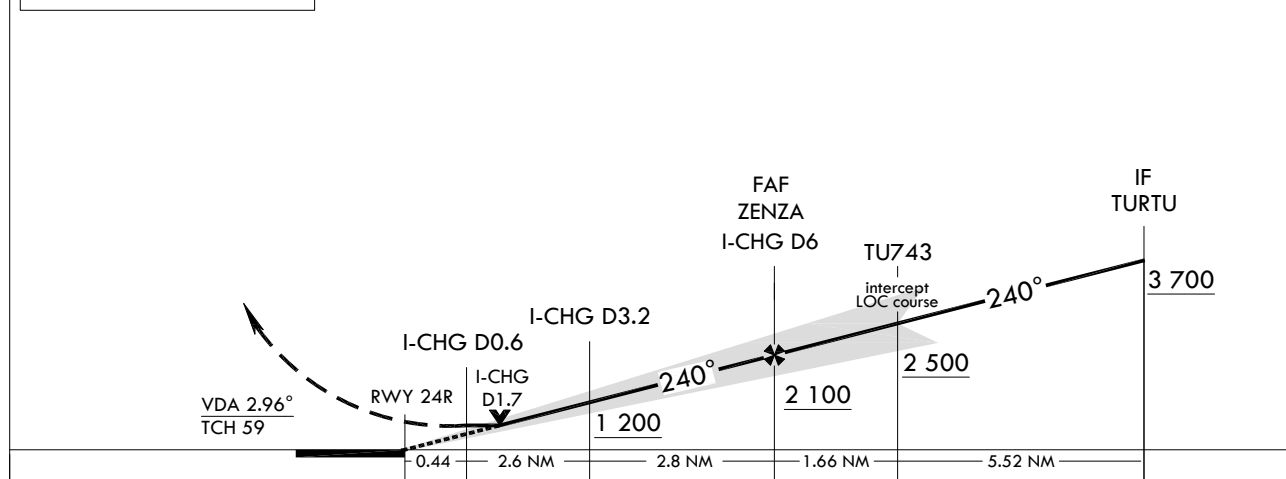
	KADEV		COWON
↑ TR 240°	✧	TR 260°	✧

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 6 000 ft via on track 240° to KADEV, then track 260° to COWON, then continue climb to 6 000 ft and hold.

Use I-CHG DME when on the localizer course.



CATEGORY		A	B	C	D	E
S-LOC 24R	ALS	620/24 433(500-1/2)		620/40 433(500-3/4)		N/A
	ALS INOP	620/55 433(500-1)		620-1 1/4 433(500-1 1/4)		N/A

Change : Amended chart symbol.

INTENTIONALLY

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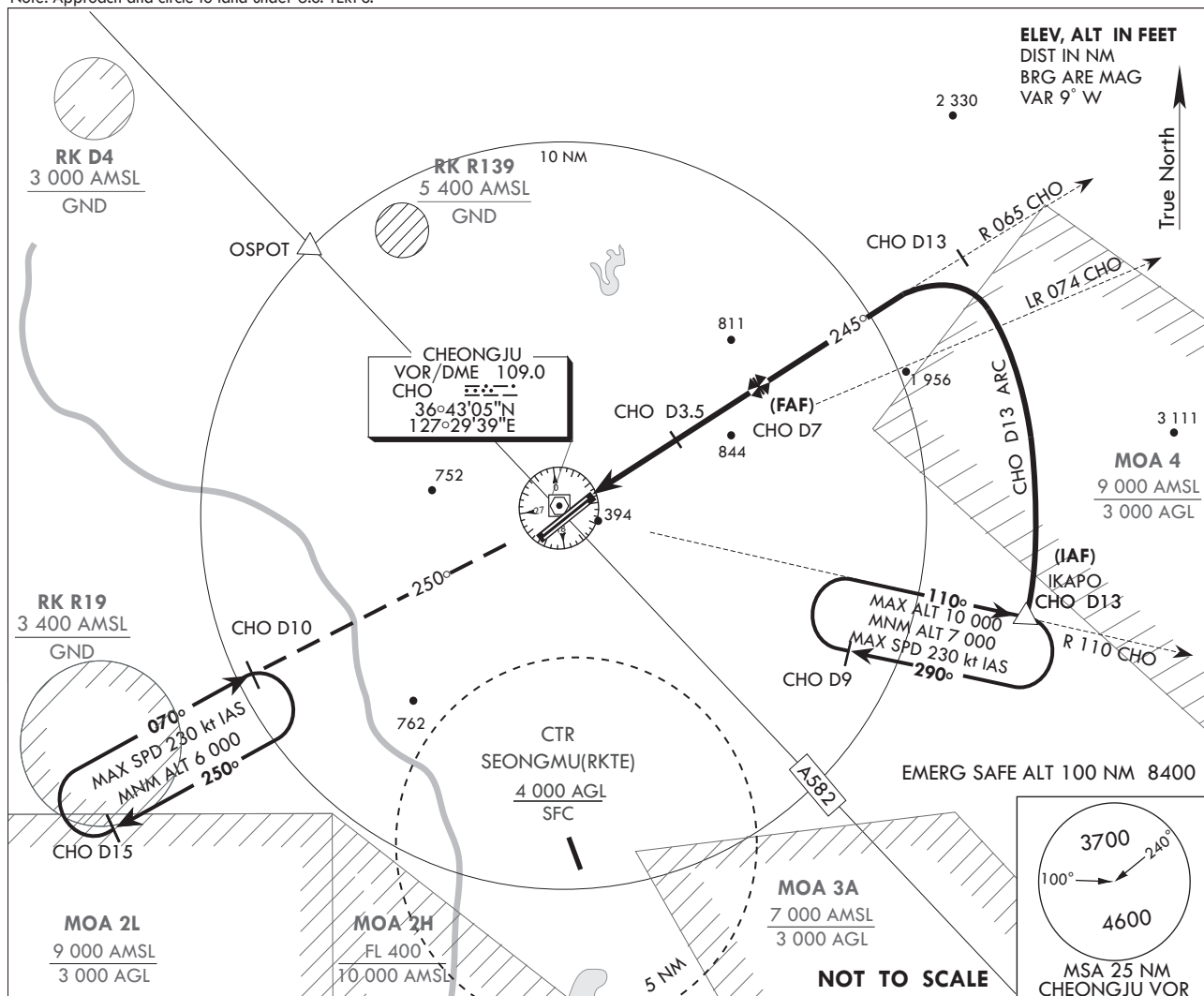
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 192 ft
HEIGHTS RELATED TO
THR RWY 24R-ELEV 186 ft

JUNGWON APP 134.0 265.75
CHEONGJU GCA 134.4 134.1
CHEONGJU TWR 118.7 126.2 249.6

**CHEONGJU/Cheongju INTL
VOR
RWY 24R**

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

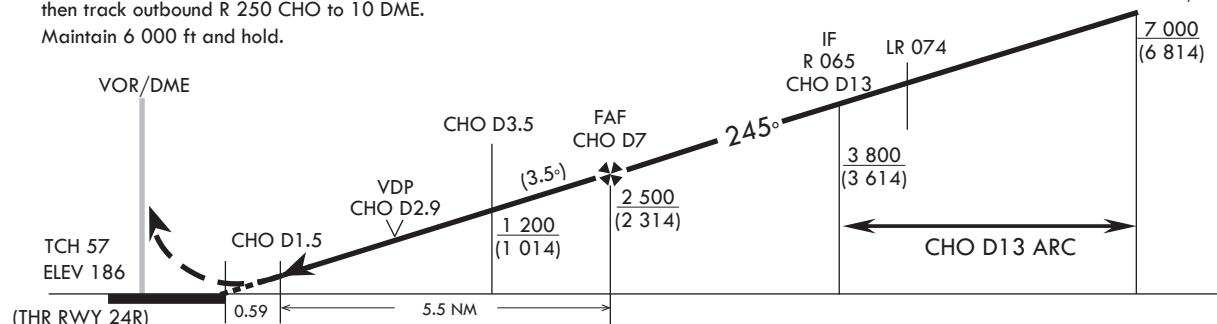


MISSED APPROACH

Climb on R 065 CHO to over CHO VOR,
then track outbound R 250 CHO to 10 DME.
Maintain 6 000 ft and hold.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

IAF
IKAPO
R 110 CHO/D13



CATEGORY	A	B	C	D
S-VOR 24R	860/24 674 (700- $\frac{1}{2}$)	860-1 $\frac{1}{2}$ 674 (700-1 $\frac{1}{2}$)	860-1 $\frac{3}{4}$ 674 (700-1 $\frac{3}{4}$)	
CIRCLING	860-1 668 (700-1)	860-2 668 (700-2)	1 200-3 1 008 (1 100-3)	

Missed Approach Obstacle Climb Rate Table

	KNOTS	60	120	180	240	300	TO
Rate of descent	V/V (fpm)	320	630	940	1 250	1 560	6 000

Change : Amended chart symbol.

INTENTIONALLY

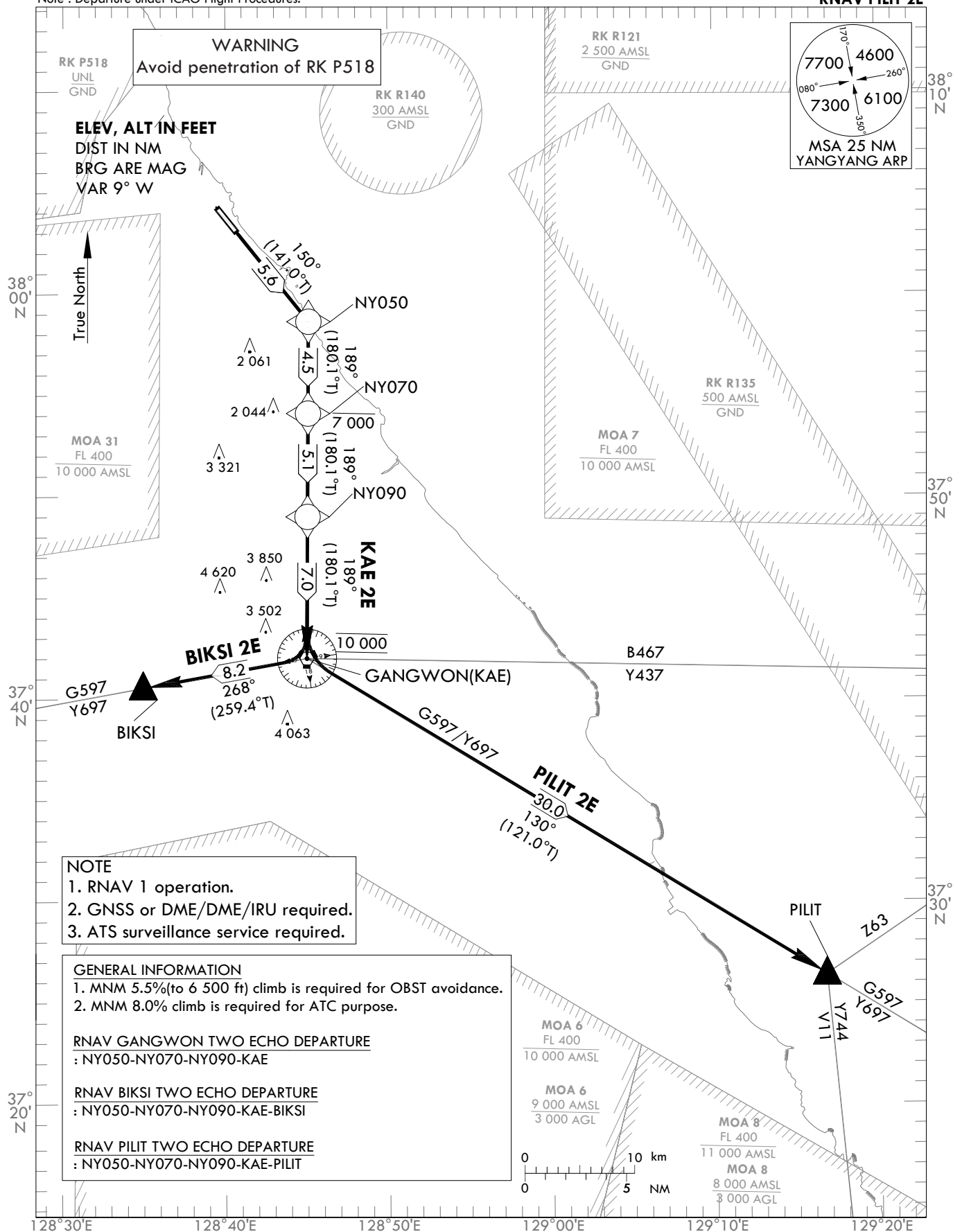
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GANGNEUNG DEP	124.6
YANGYANG TWR	118.85
	124.375

YANGYANG/Intl(RKNY)
RWY 15
RNAV KAE 2E
RNAV BIKSI 2E
RNAV PILIT 2E

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions.

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV KAE 2E

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	NY050	-	150(141.0)	5.6	-	-	-	37°58'41.3"N 128°45'15.6"E	-	RNAV 1	-
002	TF	NY070	-	189(180.1)	4.5	-	-7 000	-	37°54'09.1"N 128°45'15.0"E	-	RNAV 1	-
003	TF	NY090	-	189(180.1)	5.1	-	-	-	37°49'03.2"N 128°45'14.4"E	-	RNAV 1	-
004	TF	KAE	-	189(180.1)	7.0	-	@10 000	-	37°42'02.8"N 128°45'13.6"E	-	RNAV 1	-

RNAV BIKSI 2E

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	NY050	-	150(141.0)	5.6	-	-	-	37°58'41.3"N 128°45'15.6"E	-	RNAV 1	-
002	TF	NY070	-	189(180.1)	4.5	-	-7 000	-	37°54'09.1"N 128°45'15.0"E	-	RNAV 1	-
003	TF	NY090	-	189(180.1)	5.1	-	-	-	37°49'03.2"N 128°45'14.4"E	-	RNAV 1	-
004	TF	KAE	-	189(180.1)	7.0	-	@10 000	-	37°42'02.8"N 128°45'13.6"E	-	RNAV 1	-
005	TF	BIKSI	-	268(259.4)	8.2	-	-	-	37°40'32.0"N 128°35'04.0"E	-	RNAV 1	-

RNAV PILIT 2E

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	NY050	-	150(141.0)	5.6	-	-	-	37°58'41.3"N 128°45'15.6"E	-	RNAV 1	-
002	TF	NY070	-	189(180.1)	4.5	-	-7 000	-	37°54'09.1"N 128°45'15.0"E	-	RNAV 1	-
003	TF	NY090	-	189(180.1)	5.1	-	-	-	37°49'03.2"N 128°45'14.4"E	-	RNAV 1	-
004	TF	KAE	-	189(180.1)	7.0	-	@10 000	-	37°42'02.8"N 128°45'13.6"E	-	RNAV 1	-
005	TF	PILIT	-	130(121.0)	30.0	-	-	-	37°26'31.4"N 129°17'30.8"E	-	RNAV 1	-

* The term TCH equates to the use of the term RDH, within this context of the FAS data block.

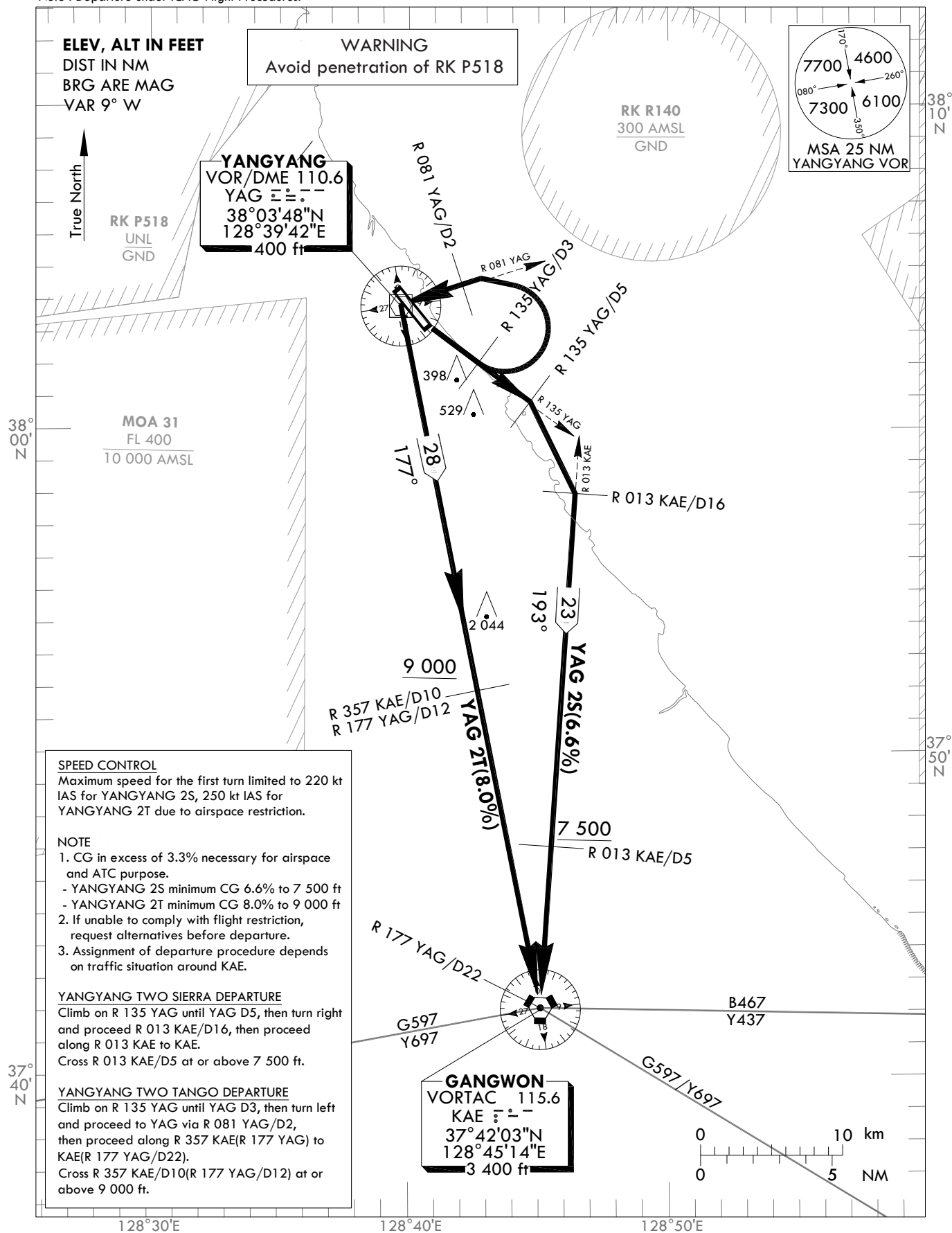
**STANDARD DEPARTURE
CHART INSTRUMENT(SID) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GANGNEUNG DEP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/Intl(RKNY)
RWY 15
YAG 2S
YAG 2T

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions.

INTENTIONALLY

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

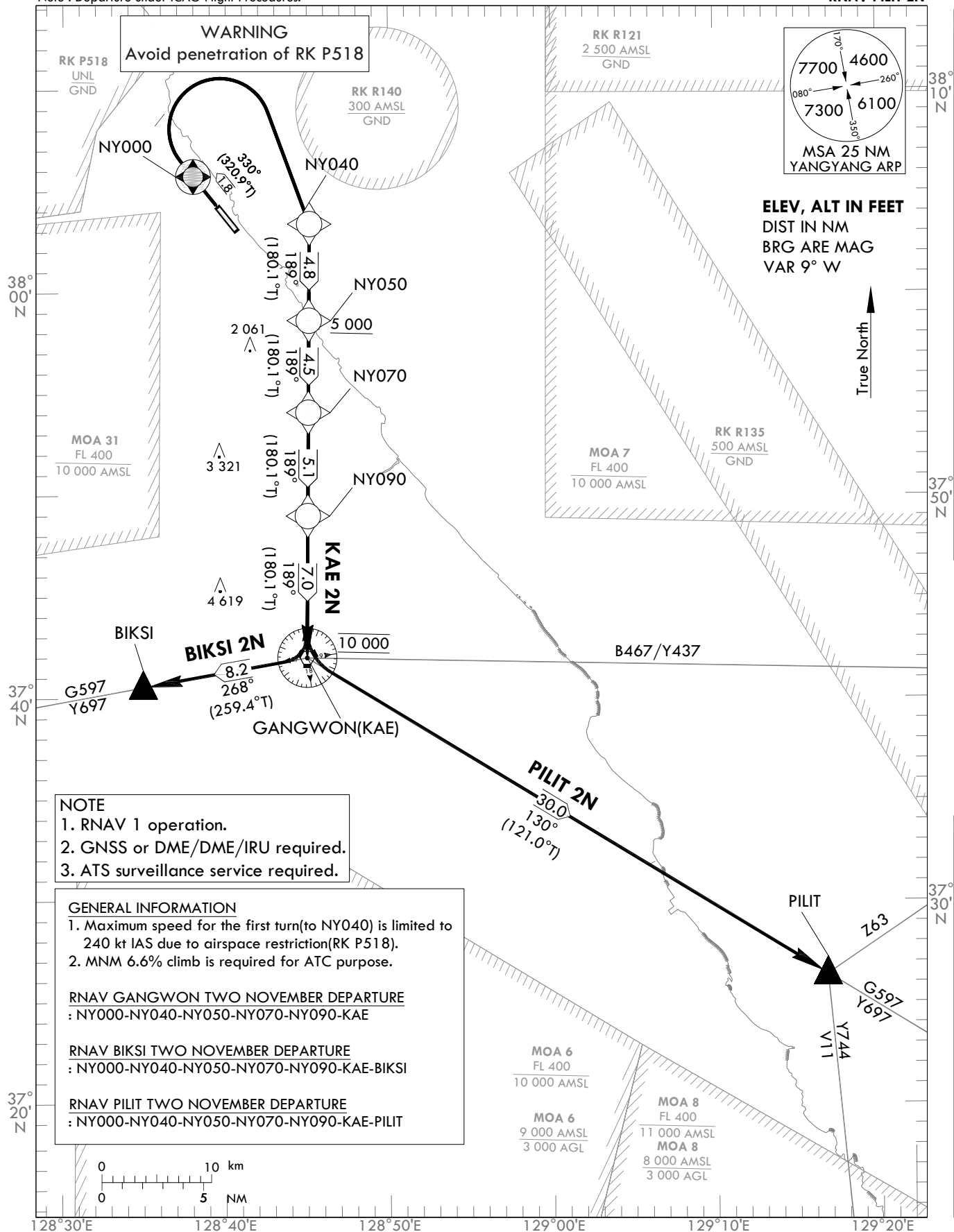
TRANSITION ALT 14 000
TRANSITION LVL FL 140

GANGNEUNG DEP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/Intl(RKNY)

RWY 33
RNAV KAE 2N
RNAV BIKSI 2N
RNAV PILIT 2N

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions.

Standard Instrument Departure Procedure Coding Tables

RNAV KAE 2N

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	NY000	Y	330(320.9)	1.8	-	-	-240	38°05'45.5"N 128°38'00.9"E	-	RNAV 1	-
002	DF	NY040	-	-	-	R	-	-240	38°03'27.0"N 128°45'16.2"E	TCH*	RNAV 1	-
003	TF	NY050	-	189(180.1)	4.8	-	+5 000	-	37°58'41.3"N 128°45'15.6"E	-	RNAV 1	-
004	TF	NY070	-	189(180.1)	4.5	-	-	-	37°54'09.1"N 128°45'15.0"E	-	RNAV 1	-
005	TF	NY090	-	189(180.1)	5.1	-	-	-	37°49'03.2"N 128°45'14.4"E	-	RNAV 1	-
006	TF	KAE	-	189(180.1)	7.0	-	@10 000	-	37°42'02.8"N 128°45'13.6"E	-	RNAV 1	-

RNAV BIKSI 2N

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	NY000	Y	330(320.9)	1.8	-	-	-240	38°05'45.5"N 128°38'00.9"E	-	RNAV 1	-
002	DF	NY040	-	-	-	R	-	-240	38°03'27.0"N 128°45'16.2"E	TCH*	RNAV 1	-
003	TF	NY050	-	189(180.1)	4.8	-	+5 000	-	37°58'41.3"N 128°45'15.6"E	-	RNAV 1	-
004	TF	NY070	-	189(180.1)	4.5	-	-	-	37°54'09.1"N 128°45'15.0"E	-	RNAV 1	-
005	TF	NY090	-	189(180.1)	5.1	-	-	-	37°49'03.2"N 128°45'14.4"E	-	RNAV 1	-
006	TF	KAE	-	189(180.1)	7.0	-	@10 000	-	37°42'02.8"N 128°45'13.6"E	-	RNAV 1	-
007	TF	BIKSI	-	268(259.4)	8.2	-	-	-	37°40'32.0"N 128°35'04.0"E	-	RNAV 1	-

RNAV PILIT 2N

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	NY000	Y	330(320.9)	1.8	-	-	-240	38°05'45.5"N 128°38'00.9"E	-	RNAV 1	-
002	DF	NY040	-	-	-	R	-	-240	38°03'27.0"N 128°45'16.2"E	TCH*	RNAV 1	-
003	TF	NY050	-	189(180.1)	4.8	-	+5 000	-	37°58'41.3"N 128°45'15.6"E	-	RNAV 1	-
004	TF	NY070	-	189(180.1)	4.5	-	-	-	37°54'09.1"N 128°45'15.0"E	-	RNAV 1	-
005	TF	NY090	-	189(180.1)	5.1	-	-	-	37°49'03.2"N 128°45'14.4"E	-	RNAV 1	-
006	TF	KAE	-	189(180.1)	7.0	-	@10 000	-	37°42'02.8"N 128°45'13.6"E	-	RNAV 1	-
007	TF	PILIT	-	130(121.0)	30.0	-	-	-	37°26'31.4"N 129°17'30.8"E	-	RNAV 1	-

* The term TCH equates to the use of the term RDH, within this context of the FAS data block.

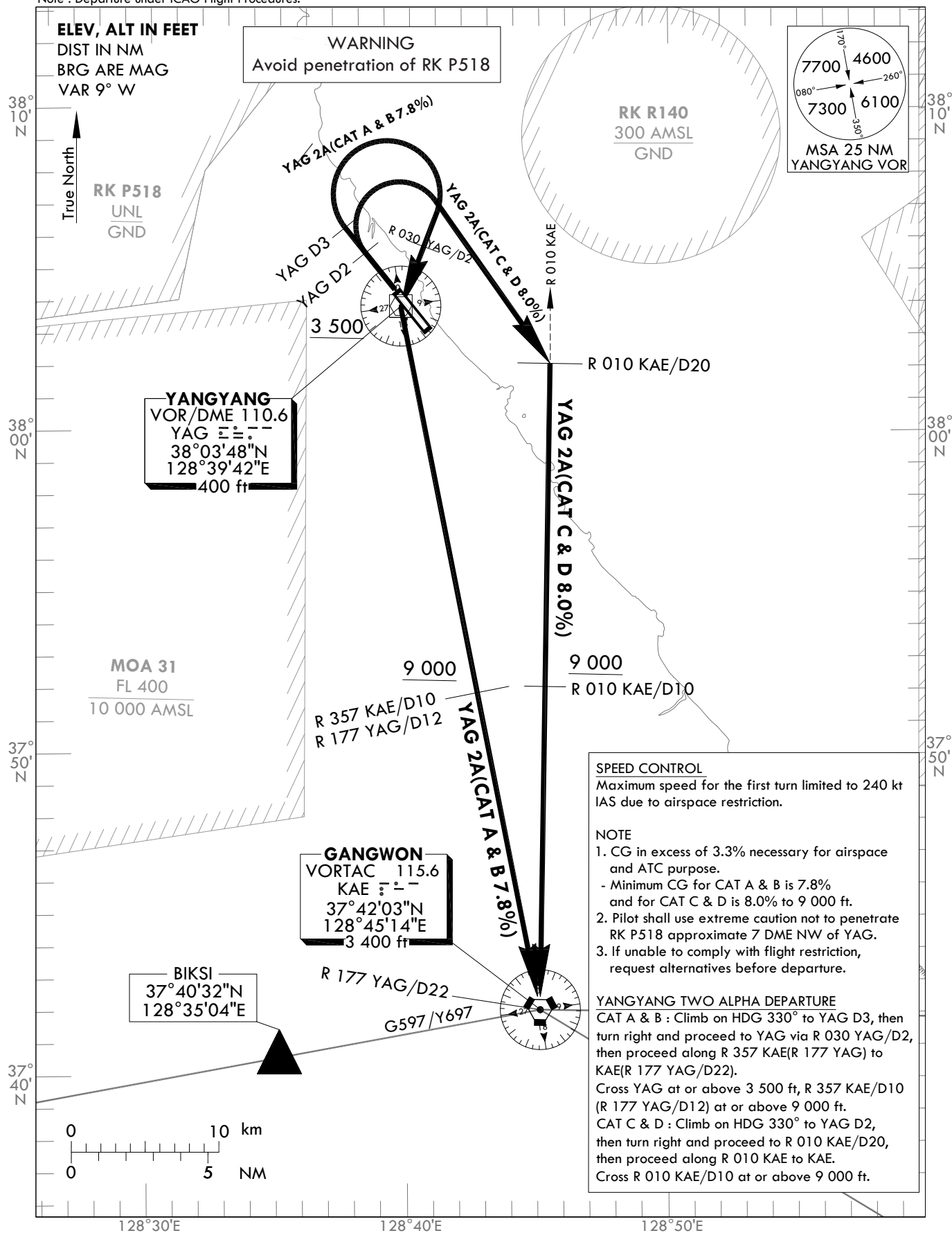
**STANDARD DEPARTURE
CHART INSTRUMENT(SID) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GANGNEUNG DEP 124.6
YANGYANG TWR 118.85
124.375

**YANGYANG/Intl(RKNY)
RWY 33
YAG 2A**

Note : Departure under ICAO Flight Procedures.



Change : Amended airspace restrictions.

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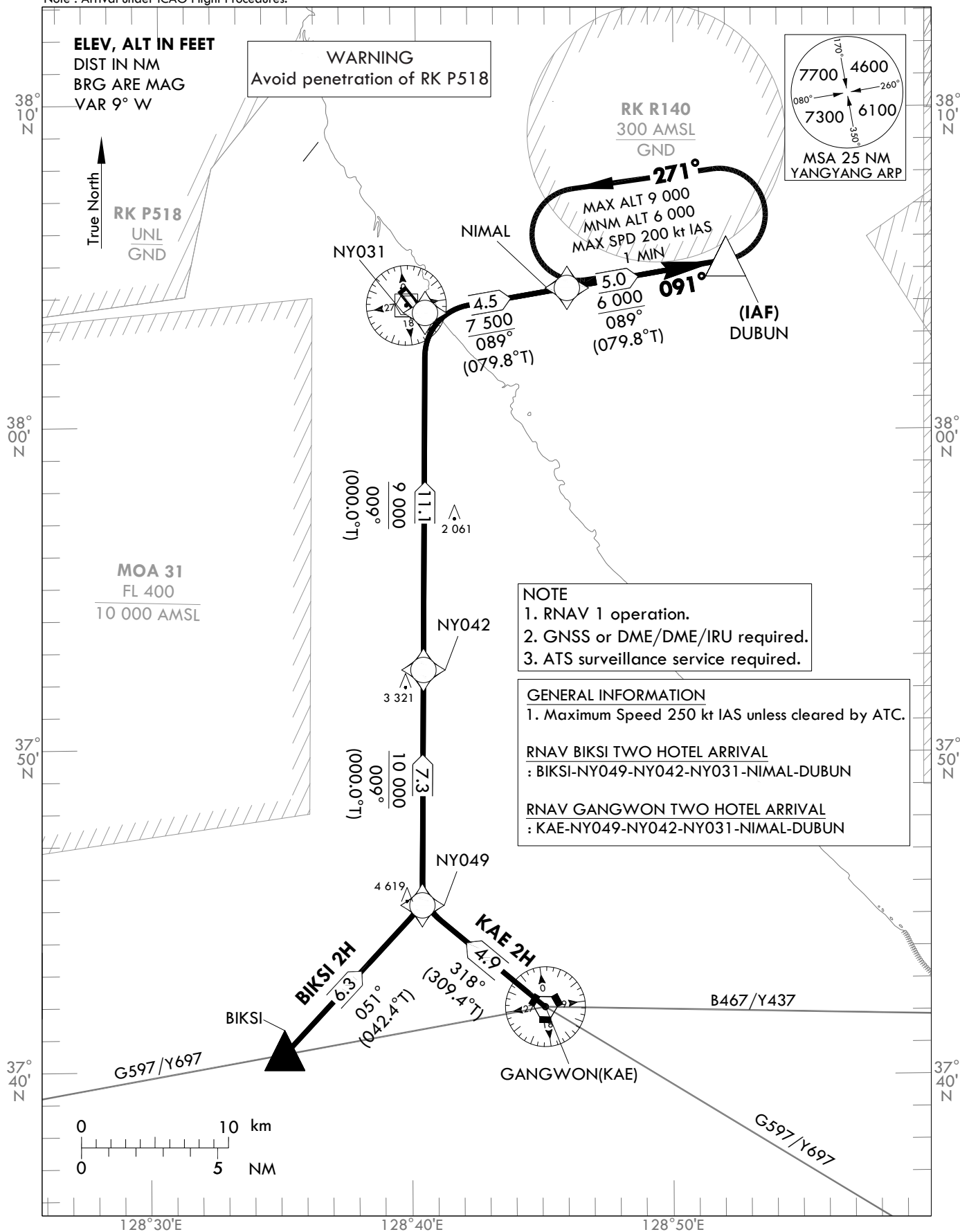
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/Intl(RKNY)
RWY 33
RNAV KAE 2H
RNAV BIKSI 2H

Note : Arrival under ICAO Flight Procedures.



Change : Amended airspace restrictions.

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV KAE 2H

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	IF	KAE	-	-	-	-	-	-	37°42'02.8"N 128°45'13.6"E	-	RNAV 1	-
002	TF	NY049	-	318(309.4)	4.9	-	-	-	37°45'11.2"N 128°40'24.7"E	-	RNAV 1	-
003	TF	NY042	-	009(000.0)	7.3	-	+10 000	-	37°52'29.4"N 128°40'25.1"E	-	RNAV 1	-
004	TF	NY031	-	009(000.0)	11.1	-	+9 000	-	38°03'34.1"N 128°40'25.8"E	-	RNAV 1	-
005	TF	NIMAL	-	089(079.8)	4.5	-	+7 500	-	38°04'21.6"N 128°45'59.8"E	-	RNAV 1	-
006	TF	DUBUN	-	089(079.8)	5.0	-	+6 000	-	38°05'14.5"N 128°52'13.8"E	-	RNAV 1	IAF

RNAV BIKSI 2H

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	IF	BIKSI	-	-	-	-	-	-	37°40'32.0"N 128°35'04.0"E	-	RNAV 1	-
002	TF	NY049	-	051(042.4)	6.3	-	-	-	37°45'11.2"N 128°40'24.7"E	-	RNAV 1	-
003	TF	NY042	-	009(000.0)	7.3	-	+10 000	-	37°52'29.4"N 128°40'25.1"E	-	RNAV 1	-
004	TF	NY031	-	009(000.0)	11.1	-	+9 000	-	38°03'34.1"N 128°40'25.8"E	-	RNAV 1	-
005	TF	NIMAL	-	089(079.8)	4.5	-	+7 500	-	38°04'21.6"N 128°45'59.8"E	-	RNAV 1	-
006	TF	DUBUN	-	089(079.8)	5.0	-	+6 000	-	38°05'14.5"N 128°52'13.8"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (Min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH*	Navigation specification	Remarks
RNAV KAE 2H	HM	DUBUN	Y	091(081.7)	1	L	-9 000 +6 000	-200	38°05'14.5"N 128°52'13.8"E	-	RNAV 1	1 MIN (Outbound Leg)
RNAV BIKSI 2H	HM	DUBUN	Y	091(081.7)	1	L	-9 000 +6 000	-200	38°05'14.5"N 128°52'13.8"E	-	RNAV 1	1 MIN (Outbound Leg)

* The term TCH equates to the use of the term RDH, within this context of the FAS data block.

**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

DAEGU APP 135.9 346.3
DAEGU TWR 126.2 236.6
365.0

DAEGU/Daegu Intl(RKTN)
RWY 13R/L
RNAV YAWAN 1

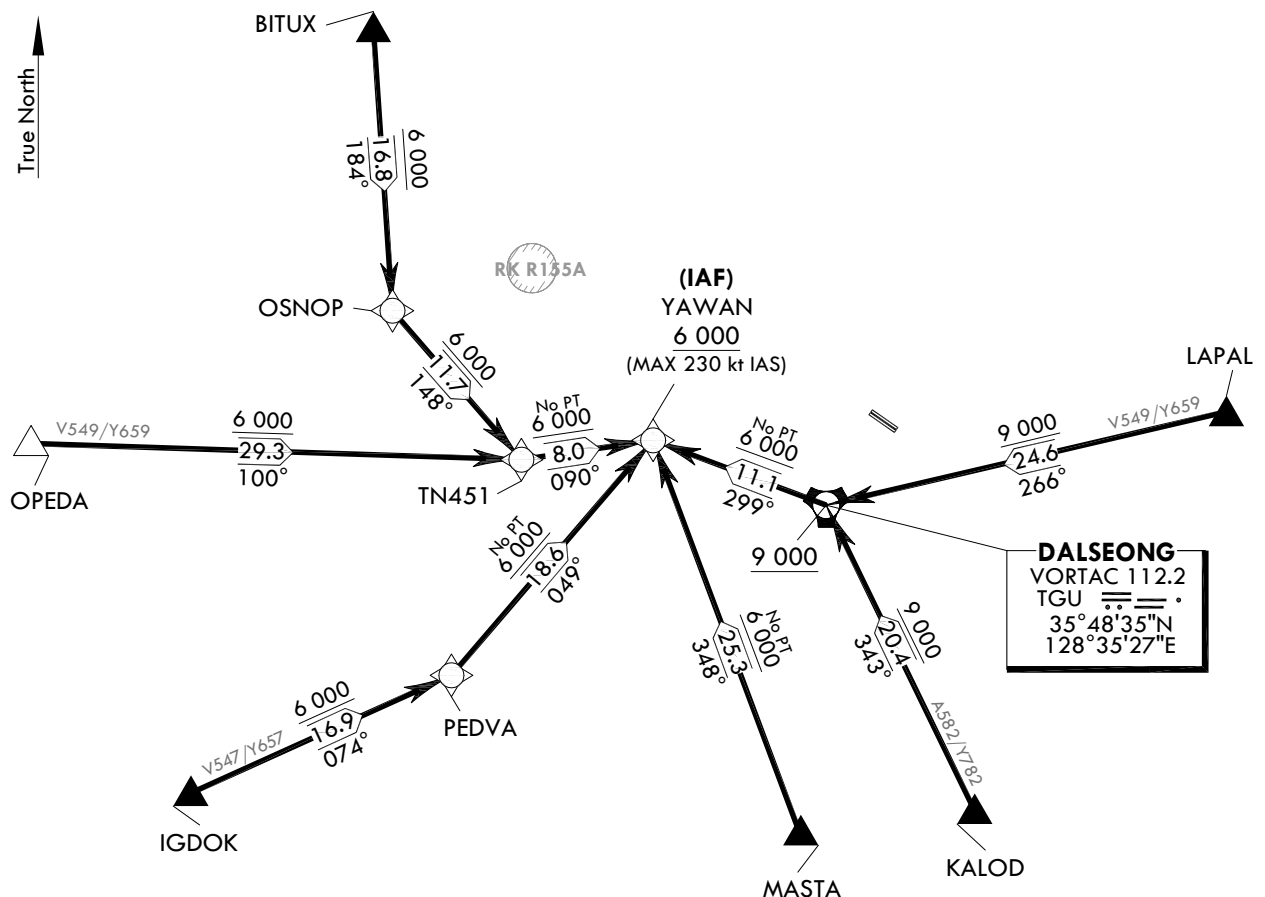
Note : Arrival under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM

BRG ARE MAG

VAR 9° W



GNSS and RADAR required.

NOTE

1. RNAV 1.0 required.
2. DME/DME/IRU N/A.

NOT TO SCALE

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAY 13R/L : Expect RNP approach following transition routes.

The following are transition routes.

BITUX Transition : From BITUX on track 184° to OSNOP and track 148° to TN451 and track 090° to cross YAWAN at or above 6 000 ft.

OPEDA Transition : From OPEDA on track 100° to TN451 and track 090° to cross YAWAN at or above 6 000 ft.

IGDOK Transition : From IGDOK on track 074° to PEDVA and track 049° to cross YAWAN at or above 6 000 ft.

MASTA Transition : From MASTA on track 348° to cross YAWAN at or above 6 000 ft.

KALOD Transition : From KALOD on track 343° to cross TGU(VORTAC) at or above 9 000 ft, then on track 299° to cross YAWAN at or above 6 000 ft.

LAPAL Transition : From LAPAL on track 266° to cross TGU(VORTAC) at or above 9 000 ft, then on track 299° to cross YAWAN at or above 6 000 ft.

Change : Information of BITUX, IGDOK, MASTA, KALOD, LAPAL and OPEDA(reporting requirement, fix).

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV YAWAN 1 - BITUX Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation Specification	Remarks
001	IF	BITUX	-	-	-	-	-	-	36°16'44.9"N 128°01'47.9"E	-	RNAV 1	-
002	TF	OSNOP	-	184 (175.5)	16.8	-	+6 000	-	36°00'00.7"N 128°03'25.6"E	-	RNAV 1	-
003	TF	TN451	-	148 (138.8)	11.7	-	+6 000	-	35°51'11.1"N 128°12'54.5"E	-	RNAV 1	-
004	TF	YAWAN	-	090 (081.1)	8.0	-	+6 000	-230	35°52'24.8"N 128°22'38.0"E	-	RNAV 1	IAF

RNAV YAWAN 1 - OPEDA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation Specification	Remarks
001	IF	OPEDA	-	-	-	-	-	-	35°51'48.5"N 127°36'52.0"E	-	RNAV 1	-
002	TF	TN451	-	100 (091.0)	29.3	-	+6 000	-	35°51'11.1"N 128°12'54.5"E	-	RNAV 1	-
003	TF	YAWAN	-	090 (081.1)	8.0	-	+6 000	-230	35°52'24.8"N 128°22'38.0"E	-	RNAV 1	IAF

RNAV YAWAN 1 - IGDOK Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation Specification	Remarks
001	IF	IGDOK	-	-	-	-	-	-	35°31'03.6"N 127°49'06.6"E	-	RNAV 1	-
002	TF	PEDVA	-	074 (064.9)	16.9	-	+6 000	-	35°38'13.0"N 128°07'54.2"E	-	RNAV 1	-
003	TF	YAWAN	-	049 (040.2)	18.6	-	+6 000	-230	35°52'24.8"N 128°22'38.0"E	-	RNAV 1	IAF

**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

DAEGU APP 135.9 346.3
DAEGU TWR 126.2 236.6
365.0

DAEGU/Daegu Intl(RKTN)
RWY 31L/R
RNAV UKBAT 1

Note : Arrival under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM

BRG ARE MAG

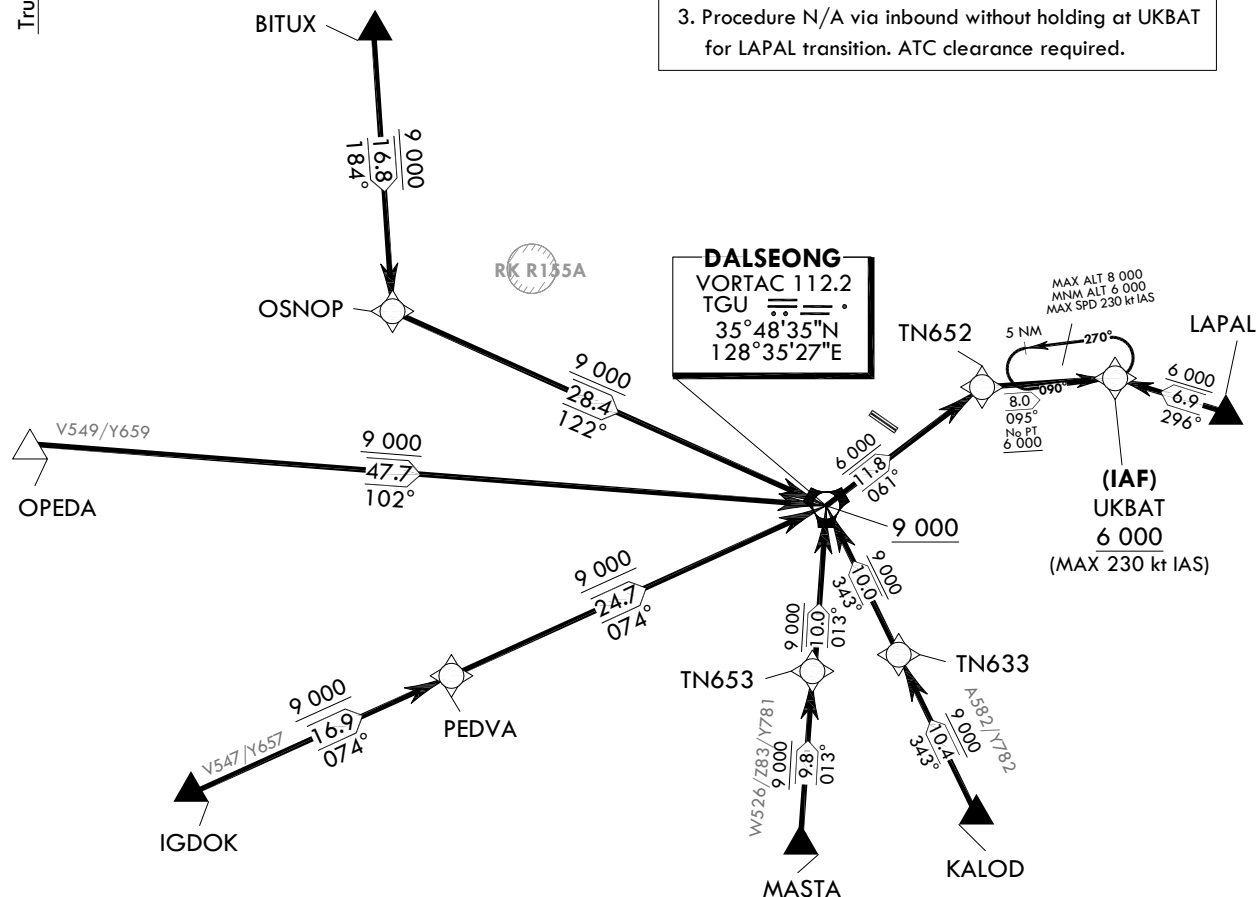
VAR 9° W



GNSS and RADAR required.

NOTE

1. RNAV 1.0 required.
2. DME/DME/IRU N/A.
3. Procedure N/A via inbound without holding at UKBAT for LAPAL transition. ATC clearance required.



NOT TO SCALE

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAY 31L/R : Expect RNP approach following transition routes.

The following are transition routes.

BITUX Transition : From BITUX on track 184° to OSNOP and track 122° to cross TGU(VORTAC) at or above 9 000 ft, then on track 061° to TN652 and track 095° to cross UKBAT at or above 6 000 ft.

OPEDA Transition : From OPEDA on track 102° to cross TGU(VORTAC) at or above 9 000 ft, then on track 061° to TN652 and track 095° to cross UKBAT at or above 6 000 ft.

IGDOK Transition : From IGDOK on track 074° to PEDVA and track 074° to cross TGU(VORTAC) at or above 9 000 ft, then on track 061° to TN652 and track 095° to cross UKBAT at or above 6 000 ft.

MASTA Transition : From MASTA on track 013° to TN653 and track 013° to cross TGU(VORTAC) at or above 9 000 ft, then on track 061° to TN652 and track 095° to cross UKBAT at or above 6 000 ft.

KALOD Transition : From KALOD on track 343° to TN633 and track 343° to cross TGU(VORTAC) at or above 9 000 ft, then on track 061° to TN652 and track 095° to cross UKBAT at or above 6 000 ft.

LAPAL Transition : From LAPAL on track 296° to cross UKBAT at or above 6 000 ft.

Change : Information of BITUX, IGDOK, MASTA, KALOD, LAPAL and OPEDA(reporting requirement, fix).

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV UKBAT 1 - BITUX Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation Specification	Remarks
001	IF	BITUX	-	-	-	-	-	-	36°16'44.9"N 128°01'47.9"E	-	RNAV 1	-
002	TF	OSNOP	-	184 (175.5)	16.8	-	+9 000	-	36°00'00.7"N 128°03'25.6"E	-	RNAV 1	-
003	TF	TGU	-	122 (113.5)	28.4	-	+9 000	-	35°48'35.4"N 128°35'26.8"E	-	RNAV 1	-
004	TF	TN652	-	061 (052.7)	11.8	-	+6 000	-	35°55'43.2"N 128°46'57.0"E	-	RNAV 1	-
005	TF	UKBAT	-	095 (086.0)	8.0	-	+6 000	-230	35°56'16.5"N 128°56'47.1"E	-	RNAV 1	IAF

RNAV UKBAT 1 - OPEDA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation Specification	Remarks
001	IF	OPEDA	-	-	-	-	-	-	35°51'48.5"N 127°36'52.0"E	-	RNAV 1	-
002	TF	TGU	-	102 (093.6)	47.7	-	+9 000	-	35°48'35.4"N 128°35'26.8"E	-	RNAV 1	-
003	TF	TN652	-	061 (052.7)	11.8	-	+6 000	-	35°55'43.2"N 128°46'57.0"E	-	RNAV 1	-
004	TF	UKBAT	-	095 (086.0)	8.0	-	+6 000	-230	35°56'16.5"N 128°56'47.1"E	-	RNAV 1	IAF

RNAV UKBAT 1 - IGDK Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation Specification	Remarks
001	IF	IGDK	-	-	-	-	-	-	35°31'03.6"N 127°49'06.6"E	-	RNAV 1	-
002	TF	PEDVA	-	074 (064.9)	16.9	-	+9 000	-	35°38'13.0"N 128°07'54.2"E	-	RNAV 1	-
003	TF	TGU	-	074 (065.1)	24.7	-	+9 000	-	35°48'35.4"N 128°35'26.8"E	-	RNAV 1	-
004	TF	TN652	-	061 (052.7)	11.8	-	+6 000	-	35°55'43.2"N 128°46'57.0"E	-	RNAV 1	-
005	TF	UKBAT	-	095 (086.0)	8.0	-	+6 000	-230	35°56'16.5"N 128°56'47.1"E	-	RNAV 1	IAF

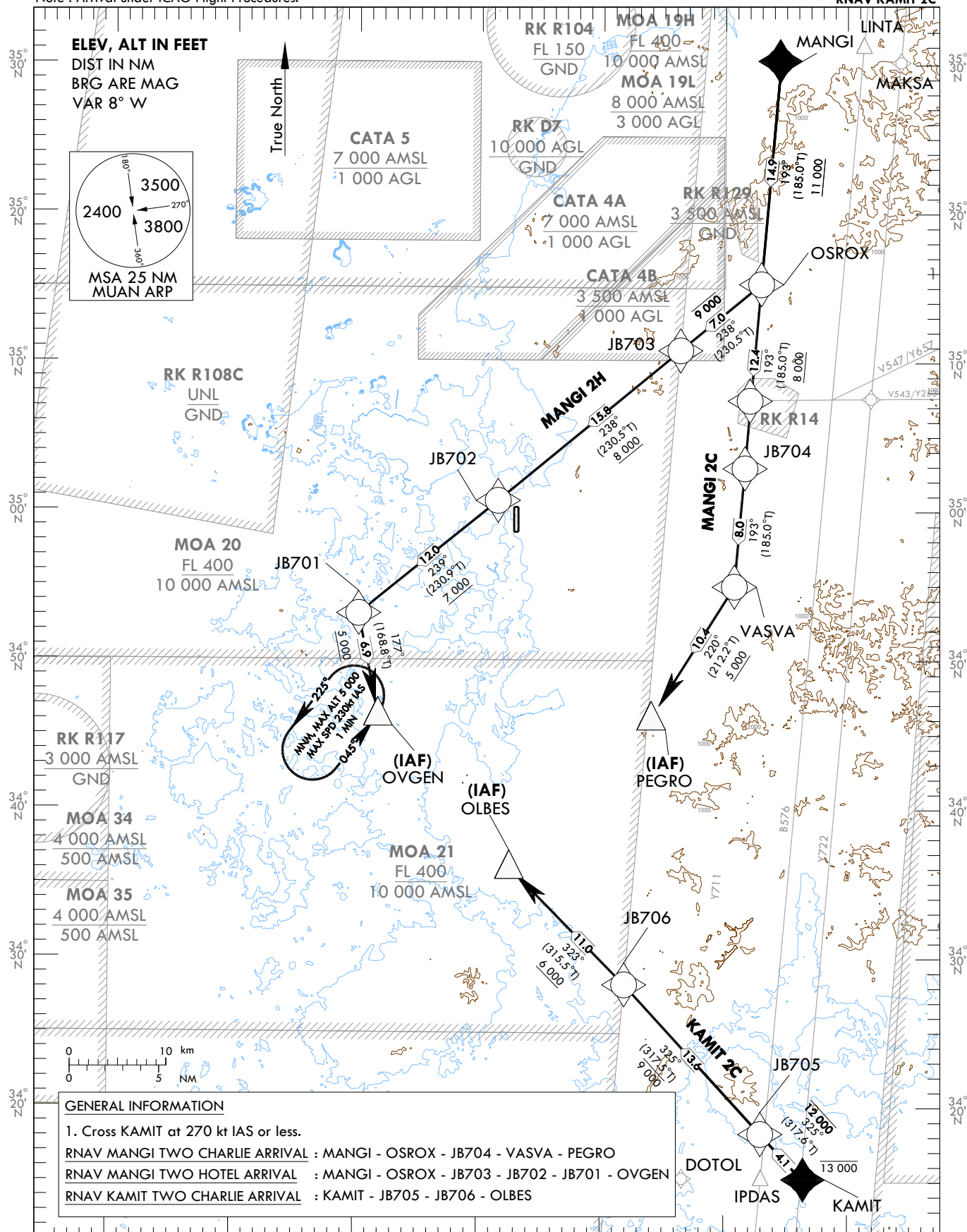
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU APP 120.475 130.0
228.9 265.5
MUAN TWR 118.25 118.85

MUAN/Muan Intl(RKJB)
RWY 01
RNAV MANGI 2C
RNAV MANGI 2H
RNAV KAMIT 2C

Note : Arrival under ICAO Flight Procedures.



NOTE

- RNAV 1 operation.
- GNSS required.
- ATS surveillance service required.

Change : Information of MANGI and KAMIT(reporting requirement).

MUAN/Muan Intl(RKJB)
RWY 01

RNAV MANGI 2C, RNAV MANGI 2H

RNAV KAMIT 2C, HOLDING PROCEDURE

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV MANGI 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	MANGI	-	-	-	-	-	-	35°30'11.3"N 126°44'31.7"E	-	RNAV 1	-
002	TF	OSROX	-	193(185.0)	14.9	-	+11 000	-	35°15'18.1"N 126°42'56.2"E	-	RNAV 1	-
003	TF	JB704	-	193(185.0)	12.4	-	+8 000	-	35°02'56.4"N 126°41'37.3"E	-	RNAV 1	-
004	TF	VASVA	-	193(185.0)	8.0	-	-	-	34°54'59.5"N 126°40'46.8"E	-	RNAV 1	-
005	TF	PEGRO	-	220(212.2)	10.4	-	+5 000	-	34°46'09.0"N 126°34'02.1"E	-	RNAV 1	IAF

RNAV MANGI 2H

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	MANGI	-	-	-	-	-	-	35°30'11.3"N 126°44'31.7"E	-	RNAV 1	-
002	TF	OSROX	-	193(185.0)	14.9	-	+11 000	-	35°15'18.1"N 126°42'56.2"E	-	RNAV 1	-
003	TF	JB703	-	238(230.5)	7.0	-	-9 000	-	35°10'50.6"N 126°36'20.5"E	-	RNAV 1	-
004	TF	JB702	-	238(230.5)	15.8	-	+8 000	-	35°00'44.9"N 126°21'29.4"E	-	RNAV 1	-
005	TF	JB701	-	239(230.9)	12.0	-	+7 000	-	34°53'09.6"N 126°10'10.3"E	-	RNAV 1	-
006	TF	OVGEN	-	177(168.8)	6.9	-	+5 000	-	34°46'22.2"N 126°11'47.9"E	-	RNAV 1	IAF

RNAV KAMIT 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	KAMIT	-	-	-	-	-13 000	-270	34°15'14.1"N 126°46'17.7"E	-	RNAV 1	-
002	TF	JB705	-	325(317.6)	4.1	-	-12 000	-270	34°18'14.7"N 126°42'58.8"E	-	RNAV 1	-
003	TF	JB706	-	325(317.5)	13.6	-	-9 000	-270	34°28'15.6"N 126°31'54.1"E	-	RNAV 1	-
004	TF	OLBES	-	323(315.5)	11.0	-	+6 000	-	34°36'08.1"N 126°22'32.0"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
RNAV MANGI 2H	HM	OVGEN	Y	045 (037.0)	1	L	@5 000	-230	34°46'22.2"N 126°11'47.9"E	-	RNAV 1	-

**STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO**

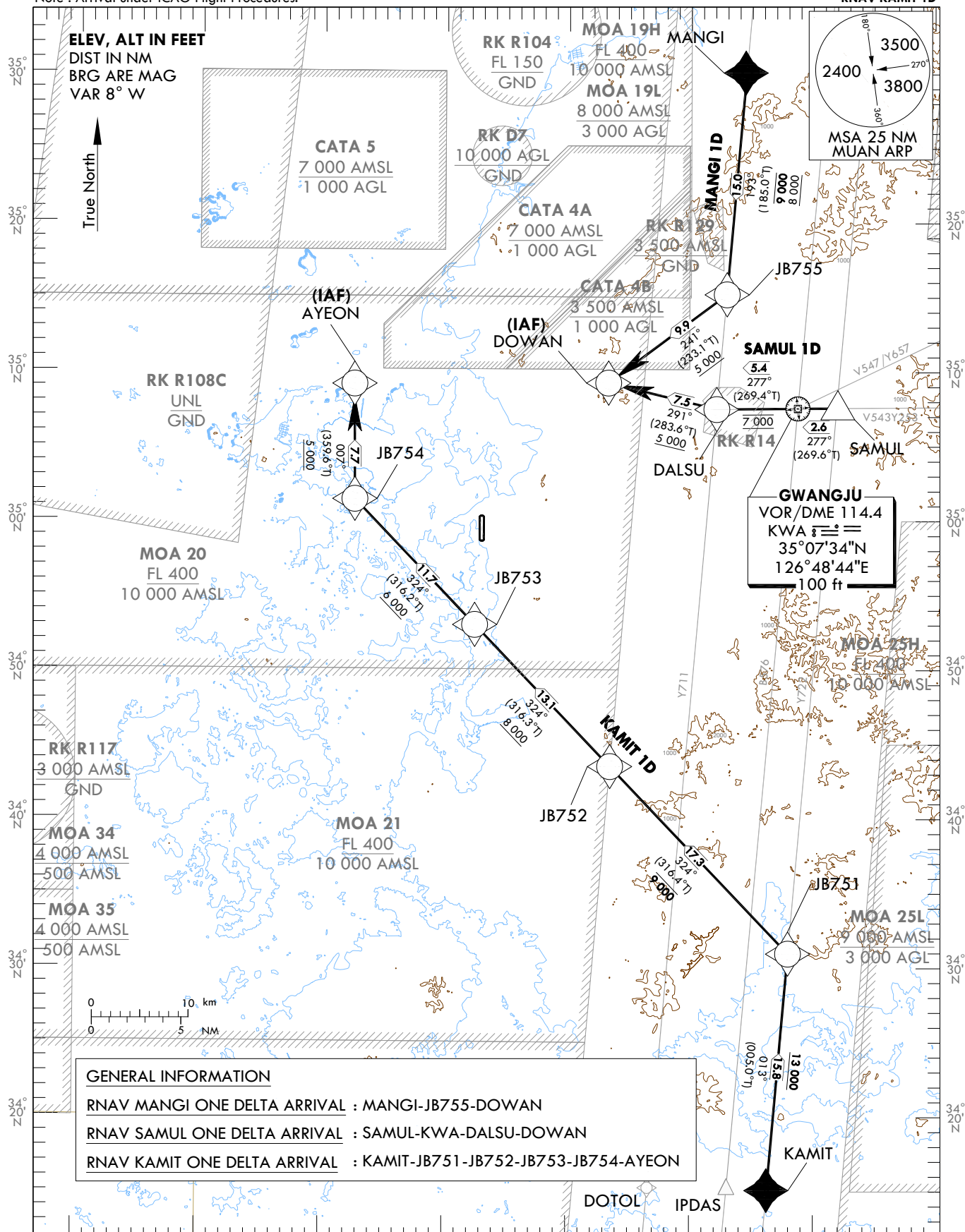
TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU APP	120.475	130.0
	228.9	265.5
MUAN TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

RWY 19
RNAV MANGI 1D
RNAV SAMUL 1D
RNAV KAMIT 1D

Note : Arrival under ICAO Flight Procedures.



NOTE

1. RNAV 1 operation.
2. GNSS required.
3. ATS surveillance service required.

Change : Information of MANGI, KAMIT(reporting requirement) and SAMUL(fix).

MUAN/Muan Intl(RKJB)
RWY 19
RNAV MANGI 1D, RNAV SAMUL 1D
RNAV KAMIT 1D

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV MANGI 1D

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	MANGI	-	-	-	-	-	-	35°30'11.3"N 126°44'31.7"E	-	RNAV 1	-
002	TF	JB755	-	193(185.0)	15.0	-	-9 000 +8 000	-	35°15'13.4"N 126°42'55.7"E	-	RNAV 1	-
003	TF	DOWAN	-	241(233.1)	9.9	-	+5 000	-	35°09'16.1"N 126°33'16.0"E	-	RNAV 1	IAF

RNAV SAMUL 1D

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	SAMUL	-	-	-	-	-	-	35°07'35.5"N 126°51'54.4"E	-	RNAV 1	-
002	TF	KWA	-	277(269.6)	2.6	-	-	-	35°07'34.4"N 126°48'43.6"E	-	RNAV 1	-
003	TF	DALSU	-	277(269.4)	5.4	-	@7 000	-	35°07'31.0"N 126°42'06.5"E	-	RNAV 1	-
004	TF	DOWAN	-	291(283.6)	7.5	-	+5 000	-	35°09'16.1"N 126°33'16.0"E	-	RNAV 1	IAF

RNAV KAMIT 1D

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	KAMIT	-	-	-	-	-	-	34°15'14.1"N 126°46'17.7"E	-	RNAV 1	-
002	TF	JB751	-	013(005.0)	15.8	-	+13 000	-	34°30'57.9"N 126°47'58.1"E	-	RNAV 1	-
003	TF	JB752	-	324(316.4)	17.3	-	-9 000	-	34°43'31.2"N 126°33'28.6"E	-	RNAV 1	-
004	TF	JB753	-	324(316.3)	13.1	-	+8 000	-	34°53'01.3"N 126°22'26.0"E	-	RNAV 1	-
005	TF	JB754	-	324(316.2)	11.7	-	+6 000	-	35°01'25.8"N 126°12'36.4"E	-	RNAV 1	-
006	TF	AYEON	-	007(359.6)	7.7	-	+5 000	-	35°09'10.2"N 126°12'32.1"E	-	RNAV 1	IAF

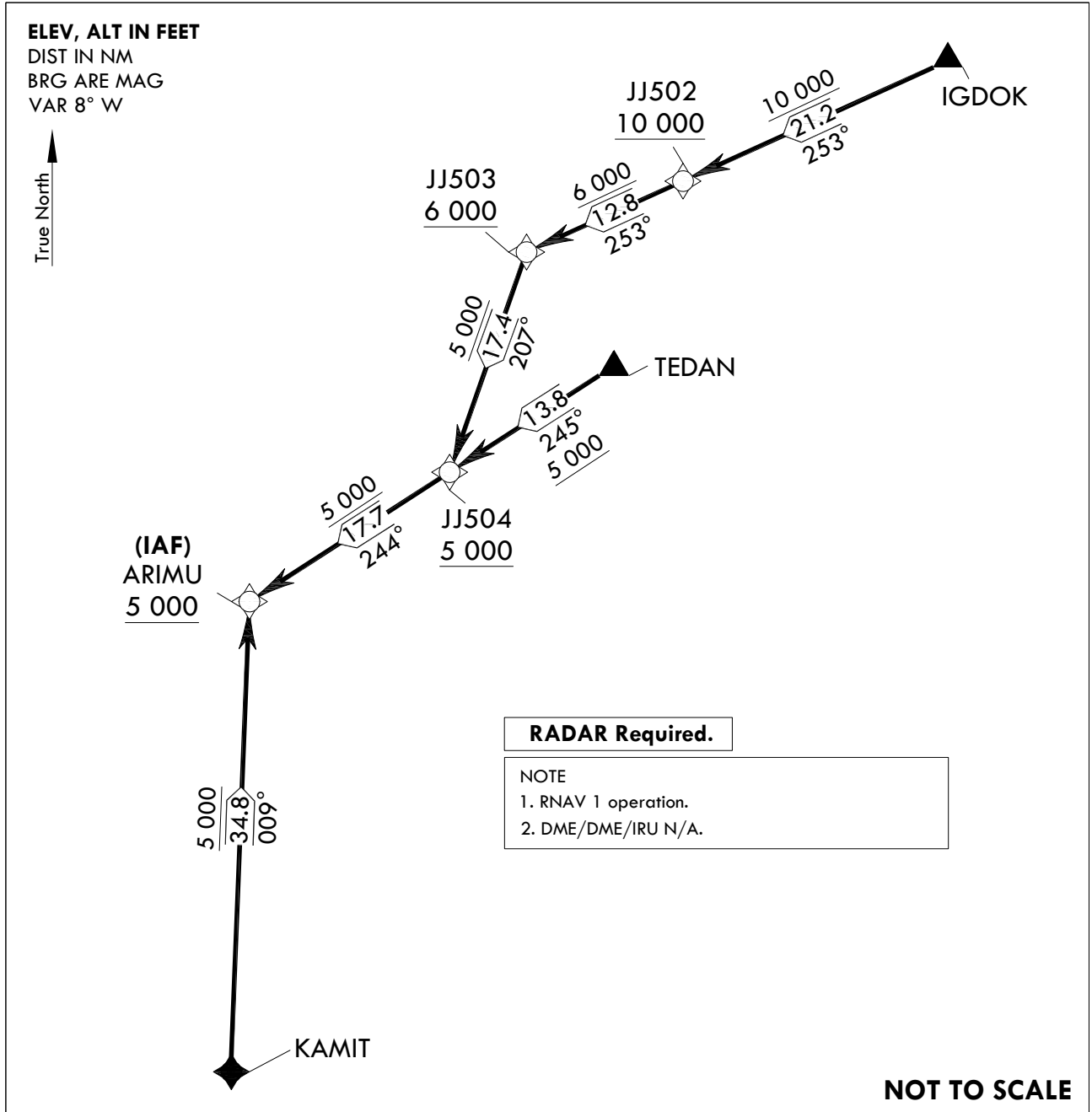
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6

GWANGJU/Gwangju(RKJJ)
RWY 04L/R
RNAV ARIMU 1

Note : Arrival under U.S. TERPS.



ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAY 04L/04R : Expect RNP approach following transition routes.

The following are transition routes.

IGDOK transition : From IGDOK on track 253° to JJ502 at or above 10 000 ft, then track 253° to JJ503 at or above 6 000 ft, then track 207° to JJ504 at or above 5 000 ft, then track 244° to ARIMU at or above 5 000 ft.

TEDAN transition : From TEDAN on track 245° to JJ504 at or above 5 000 ft, then track 244° to ARIMU at or above 5 000 ft.

KAMIT transition : From KAMIT on track 009° to ARIMU at or above 5 000 ft.

Change : Information of IGDOK, TEDAN, KAMIT(reporting requirement) and ARIMU(IAF).

GWANGJU/Gwangju(RKJJ)

RWY 04L/R

RNAV ARIMU 1

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV ARIMU 1 - IGDKOK Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	IGDKOK	-	-	-	-	-	-	35°31'03.6"N 127°49'06.6"E	-	RNAV 1	-
002	TF	JJ502	-	253 (244.9)	21.2	-	+10 000	-	35°22'00.0"N 127°25'35.7"E	-	RNAV 1	Outside of 30 NM ARP
003	TF	JJ503	-	253 (244.7)	12.8	-	+6 000	-	35°16'31.0"N 127°11'29.8"E	-	RNAV 1	-
004	TF	JJ504	-	207 (198.2)	17.4	-	+5 000	-	35°00'00.4"N 127°04'53.5"E	-	RNAV 1	-
005	TF	ARIMU	-	244 (236.0)	17.7	-	+5 000	-	34°50'03.9"N 126°47'02.3"E	-	RNAV 1	IAF

RNAV ARIMU 1 - TEDAN Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	TEDAN	-	-	-	-	-	-	35°07'43.8"N 127°18'52.1"E	-	RNAV 1	-
002	TF	JJ504	-	245 (236.2)	13.8	-	+5 000	-	35°00'00.4"N 127°04'53.5"E	-	RNAV 1	-
003	TF	ARIMU	-	244 (236.0)	17.7	-	+5 000	-	34°50'03.9"N 126°47'02.3"E	-	RNAV 1	IAF

RNAV ARIMU 1 - KAMIT Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	KAMIT	-	-	-	-	-	-	34°15'14.1"N 126°46'17.7"E	-	RNAV 1	-
002	TF	ARIMU	-	009 (001.0)	34.8	-	+5 000	-	34°50'03.9"N 126°47'02.3"E	-	RNAV 1	IAF

Change : Information of remarks for ARIMU.

**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6

GWANGJU/Gwangju(RKJJ)
RWY 04L/R
RNAV XEMIX 1

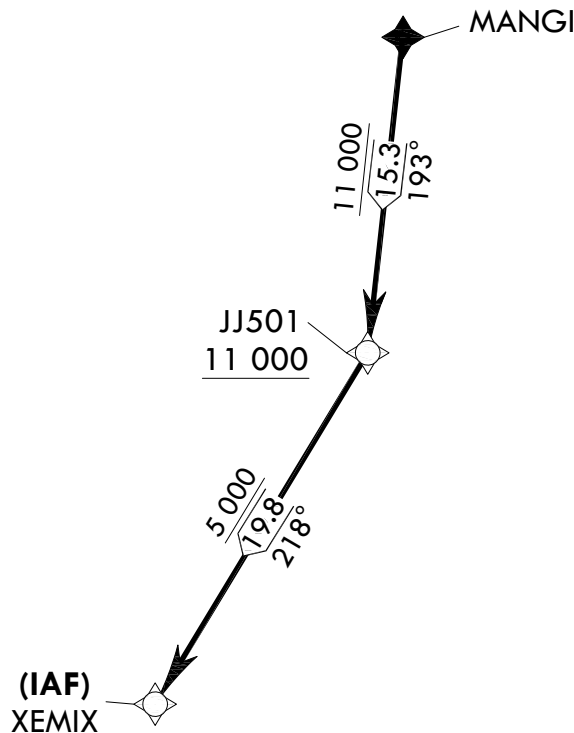
Note : Arrival under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM

BRG ARE MAG

VAR 8° W



RADAR Required.

NOTE

1. RNAV 1 operation.
2. DME/DME/IRU N/A.

NOT TO SCALE

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAY 04L/04R : Expect RNP approach following transition routes.

The following is transition route.

MANGI transition : From MANGI on track 193° to JJ501 at or above 11 000 ft,
then track 218° to XEMIX at or above 5 000 ft.

Standard Instrument Arrival Procedure Coding Tables										
RNAV XEMIX 1 - MANGI Transition										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH
001	TF	MANGI	-	-	-	-	-	-	35°30'11.3"N 126°44'31.7"E	-
002	TF	JJ501	-	193 (185.0)	15.3	-	+11 000	-	35°14'54.0"N 126°42'53.6"E	-
003	TF	XEMIX	-	218 (209.9)	19.8	-	+5 000	-	34°57'41.4"N 126°30'53.8"E	-
										Navigation specification
										Remarks
										-
										-
										IAF

**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6

GWANGJU/Gwangju(RKJJ)
RWY 22L/R
RNAV ORUSA 1

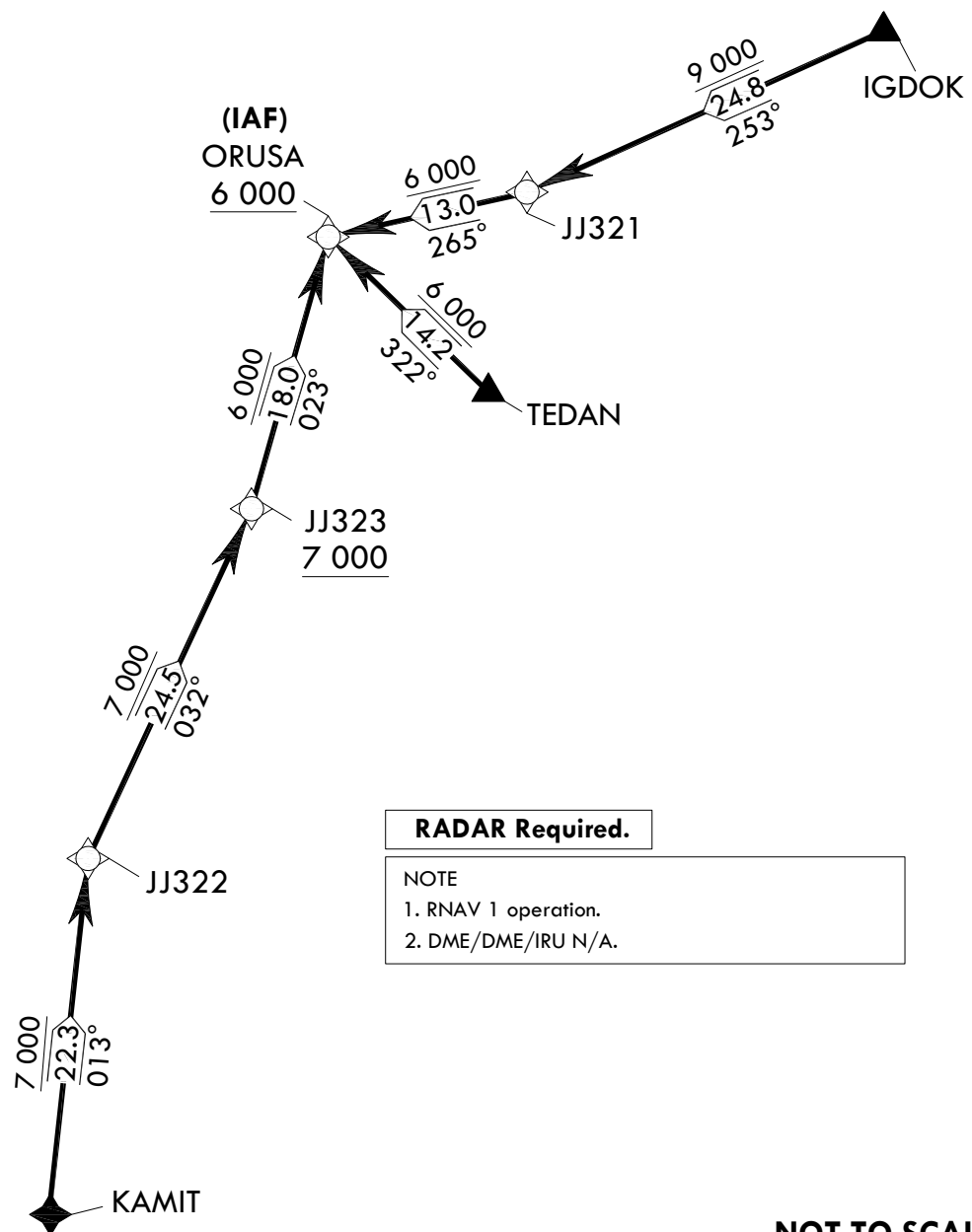
Note : Arrival under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM

BRG ARE MAG

VAR 8° W



NOT TO SCALE

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAY 22L/22R : Expect RNP approach following transition routes.

The following are transition routes.

IGDOK transition : From IGDOK on track 253° to JJ321 at or above 9 000 ft,
then track 265° to ORUSA at or above 6 000 ft.

TEDAN transition : From TEDAN on track 322° to ORUSA at or above 6 000 ft.

KAMIT transition : From KAMIT on track 013° to JJ322 at or above 7 000 ft, then track 032° to JJ323
at or above 7 000 ft, then track 023° to ORUSA at or above 6 000 ft.

GWANGJU/Gwangju(RKJJ)
RWY 22L/R
RNAV ORUSA 1

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV ORUSA 1 - IGDKOK Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	IGDKOK	-	-	-	-	-	-	35°31'03.6"N 127°49'06.6"E	-	RNAV 1	-
002	TF	JJ321	-	253 (244.9)	24.8	-	+9 000	-	35°20'27.5"N 127°21'37.3"E	-	RNAV 1	-
003	TF	ORUSA	-	265 (256.5)	13.0	-	+6 000	-	35°17'25.0"N 127°06'14.5"E	-	RNAV 1	IAF

RNAV ORUSA 1 - TEDAN Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	TEDAN	-	-	-	-	-	-	35°07'43.8"N 127°18'52.1"E	-	RNAV 1	-
002	TF	ORUSA	-	322 (313.1)	14.2	-	+6 000	-	35°17'25.0"N 127°06'14.5"E	-	RNAV 1	IAF

RNAV ORUSA 1 - KAMIT Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	KAMIT	-	-	-	-	-	-	34°15'14.1"N 126°46'17.7"E	-	RNAV 1	-
002	TF	JJ322	-	013 (005.0)	22.3	-	+7 000	-	34°37'31.6"N 126°48'40.2"E	-	RNAV 1	-
003	TF	JJ323	-	032 (023.8)	24.5	-	+7 000	-	35°00'00.3"N 127°00'41.7"E	-	RNAV 1	-
004	TF	ORUSA	-	023 (014.6)	18.0	-	+6 000	-	35°17'25.0"N 127°06'14.5"E	-	RNAV 1	IAF

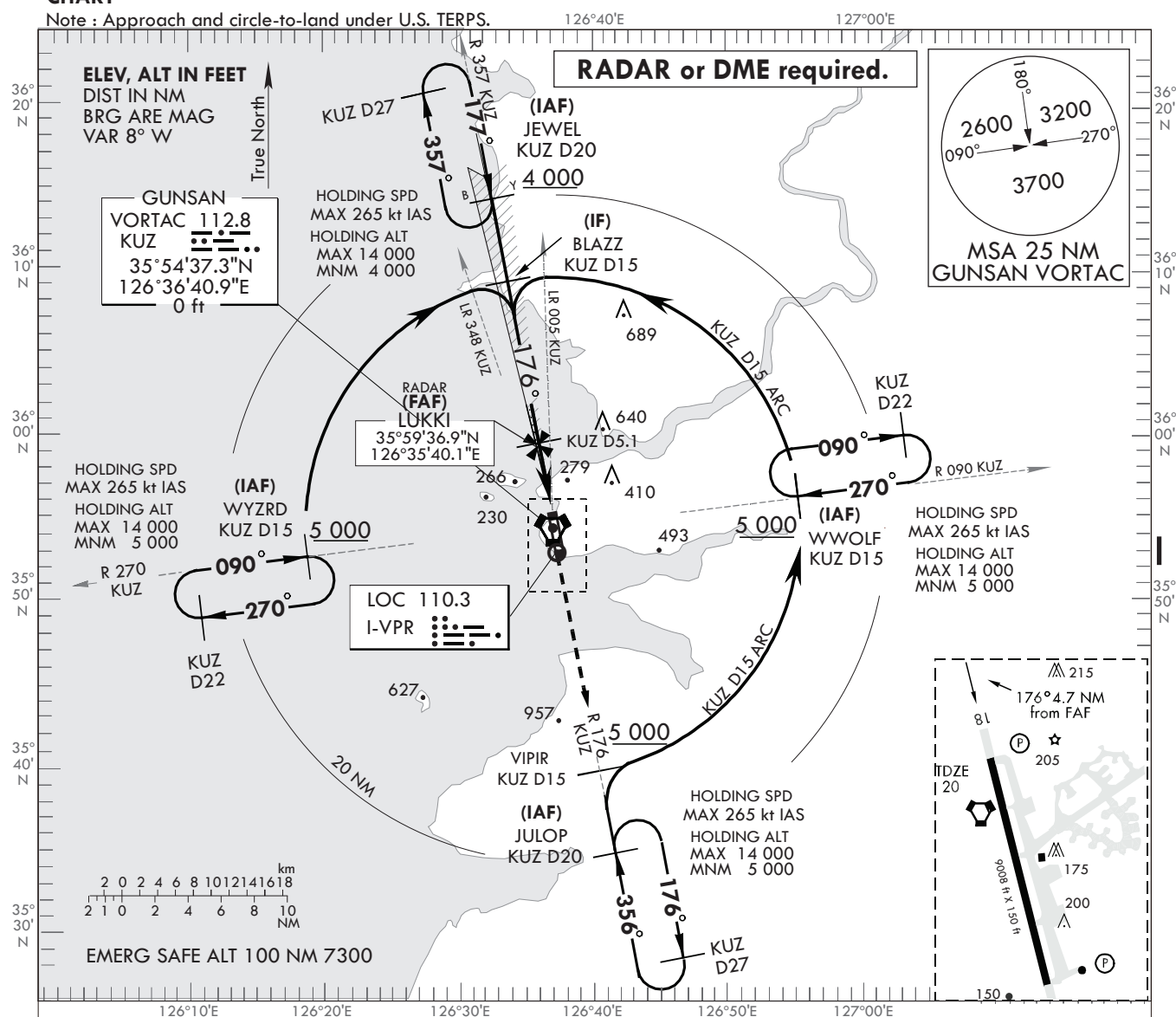
Change : Information of remarks for ORUSA.

AERODROME ELEV 29 ft
HIGHEST ELEV TDZ 20 ft

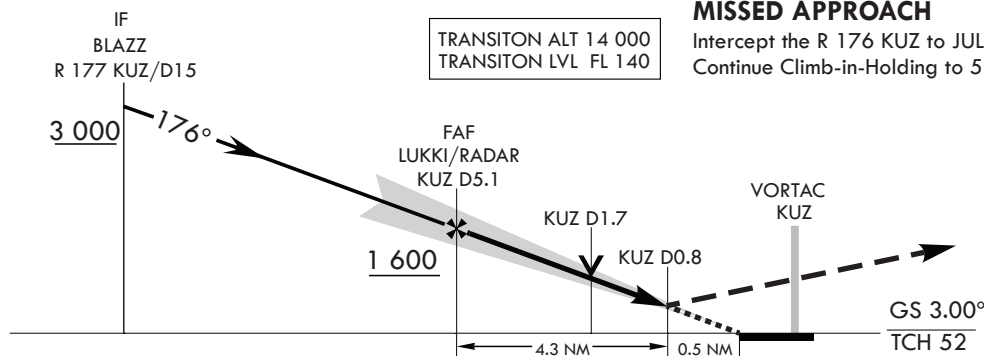
APP	124.1	292.65
TWR	126.5	292.3

GUNSAN/Gunsan(RKJK)
ILS or LOC/DME
RWY 18

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



Intercept the R 176 KUZ to JULOP and hold at 5 000 ft.
Continue Climb-in-Holding to 5 000 ft.



CATEGORY	A	B	C	D
S-ILS 18*	218 / 24		200	(200-1/2)
S-LOC 18**	500 / 24 482 (500 - 1/2)			500 / 50 482 (500 - 1)
CIRCLING	640 - 1 611 (700 - 1)	680 - 1 651 (700 - 1)	680 - 1 3/4 651 (700 - 1 3/4)	760 - 2 1/4 731 (800 - 2 1/4)

**** When ALS INOP, Increase CAT AB RVR to 55, VIS to 1 mile, CAT CD VIS to 1 3/8 mile.**

AIP AMDT 7/25

GUNSAN (RKJK)
ILS or LOC/DME
RWY 18

AERONAUTICAL DATA TABULATION

ILS or LOC/DME approach to RWY 18 from JEWEL, WWOLF, JULOP, WYZRD	
Fix/point	Coordinates
JULOP(IAF)	35°34'59.5"N 126°41'34.0"E
VIPIR	35°39'54.0"N 126°40'20.9"E
WWOLF(IAF)	35°56'25.7"N 126°55'01.0"E
WYZRD(IAF)	35°52'46.1"N 126°18'21.7"E
JEWEL(IAF)	36°14'19.1"N 126°32'12.6"E
BLAZZ(IF)	36°09'23.7"N 126°33'19.9"E
LUKKI(FAF)	35°59'36.9"N 126°35'40.1"E
D1.7 KUZ	-
D0.8 KUZ	-
THR RWY 18	35°54'57.21"N 126°36'46.83"E

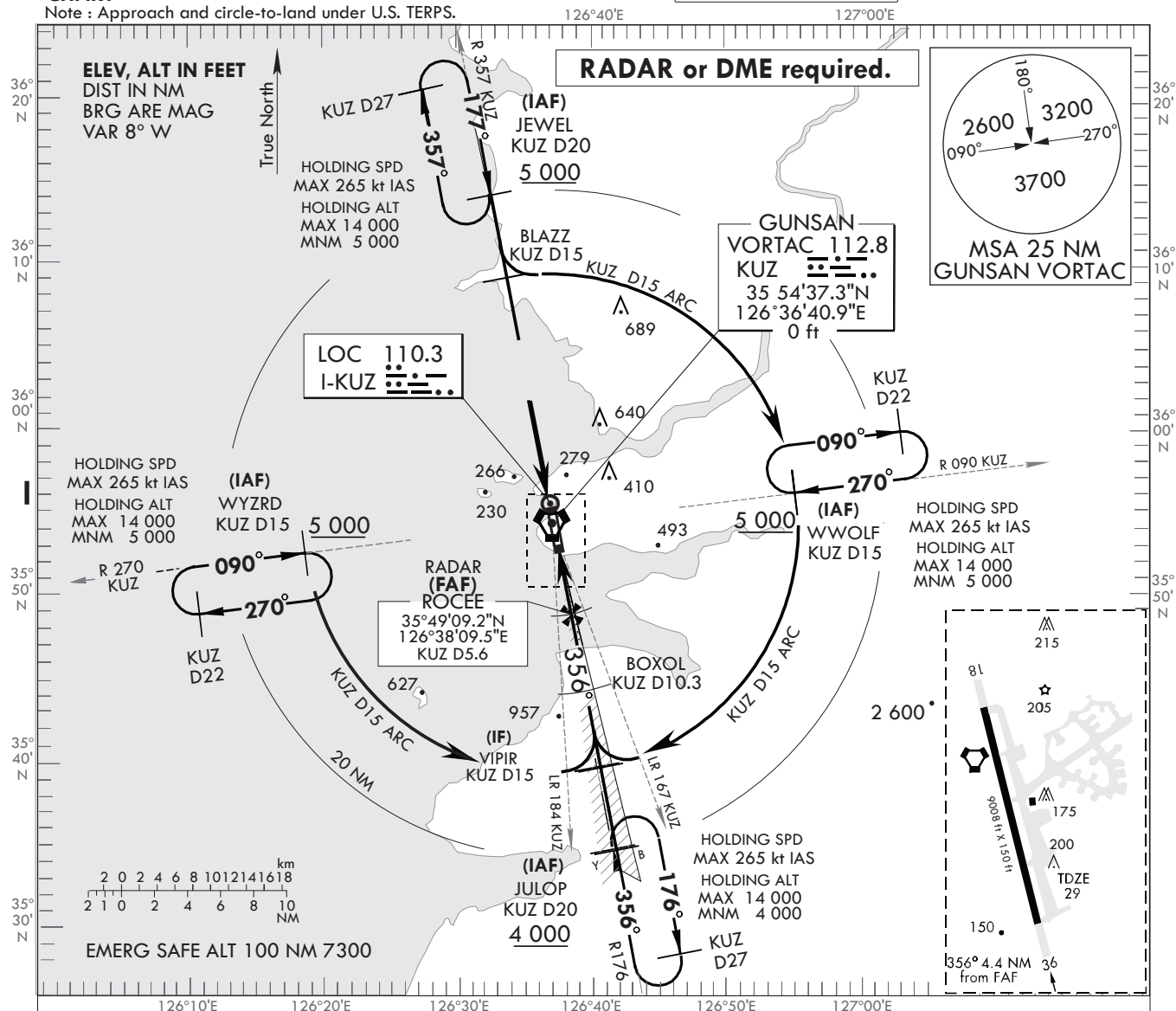
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 29 ft
HIGHEST ELEV TDZ 29 ft

APP 124.1 292.65
TWR 126.5 292.3

GUNSAN/Gunsan(RKJK)
ILS or LOC/DME
RWY 36

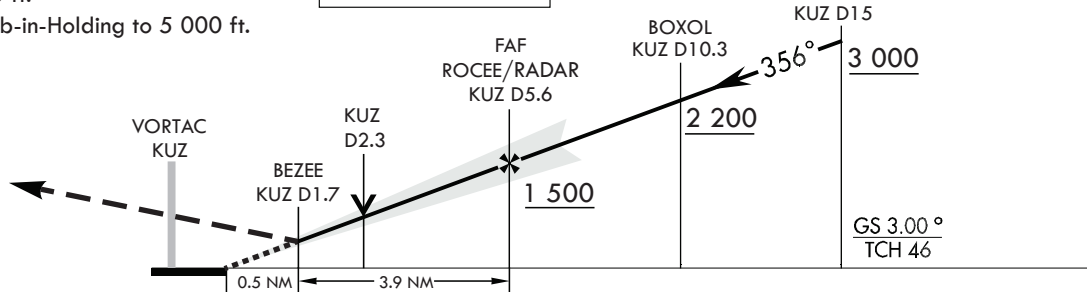
Note : Approach and circle-to-land under U.S. TERPS.



MISSED APPROACH

Intercept the R 357 KUZ to JEWEL and hold at 5 000 ft.
Continue Climb-in-Holding to 5 000 ft.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D
S-ILS 36*	229 / 24	200	(200-1/2)	
S-LOC 36**	440 / 24 411 (500 - 1/2)	440 / 40 411 (500 - 3/4)		
CIRCLING	640 - 1 611 (700 - 1)	680 - 1 651 (700 - 1)	680 - 1 3/4 651 (700 - 1 3/4)	760 - 2 1/4 731 (800 - 2 1/4)

* When ALS INOP, Increase RVR to 40 VIS to 3/4 mile.

** When ALS INOP, Increase CAT AB RVR to 55 VIS to 1 mile, CAT CD RVR to 60 VIS to 1 1/8 miles.

Change : Amended chart symbols.

GUNSAN (RKJK)
ILS or LOC/DME
RWY 36

AERONAUTICAL DATA TABULATION

ILS or LOC/DME approach to RWY 36 from JEWEL, WWOLF, JULOP, WYZRD	
Fix/point	Coordinates
JEWEL(IAF)	36°14'19.1"N 126°32'12.6"E
BLAZZ	36°09'23.7"N 126°33'19.9"E
WWOLF(IAF)	35°56'25.7"N 126°55'01.0"E
WYZRD(IAF)	35°52'46.1"N 126°18'21.7"E
JULOP(IAF)	35°34'59.5"N 126°41'34.0"E
VIPIR(IF)	35°39'54.0"N 126°40'20.9"E
BOXOL	35°44'31.3"N 126°39'15.3"E
ROCEE(FAF)	35°49'09.2"N 126°38'09.5"E
D2.1 KUZ	-
BEZEE	35°52'59.0"N 126°37'14.9"E
THR RWY 36	35°53'29.83"N 126°37'07.61"E

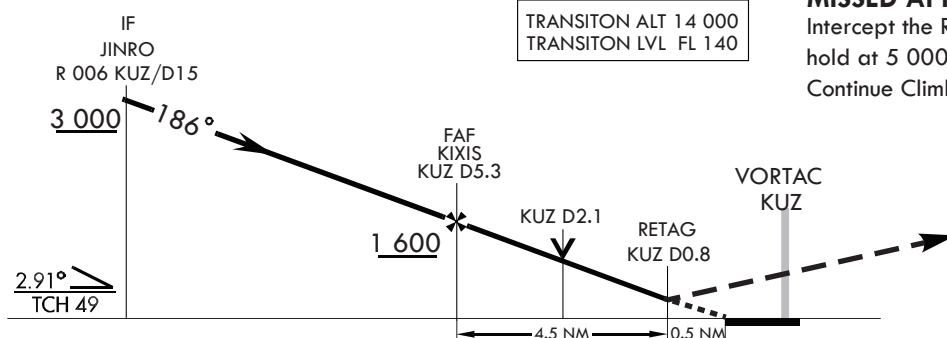
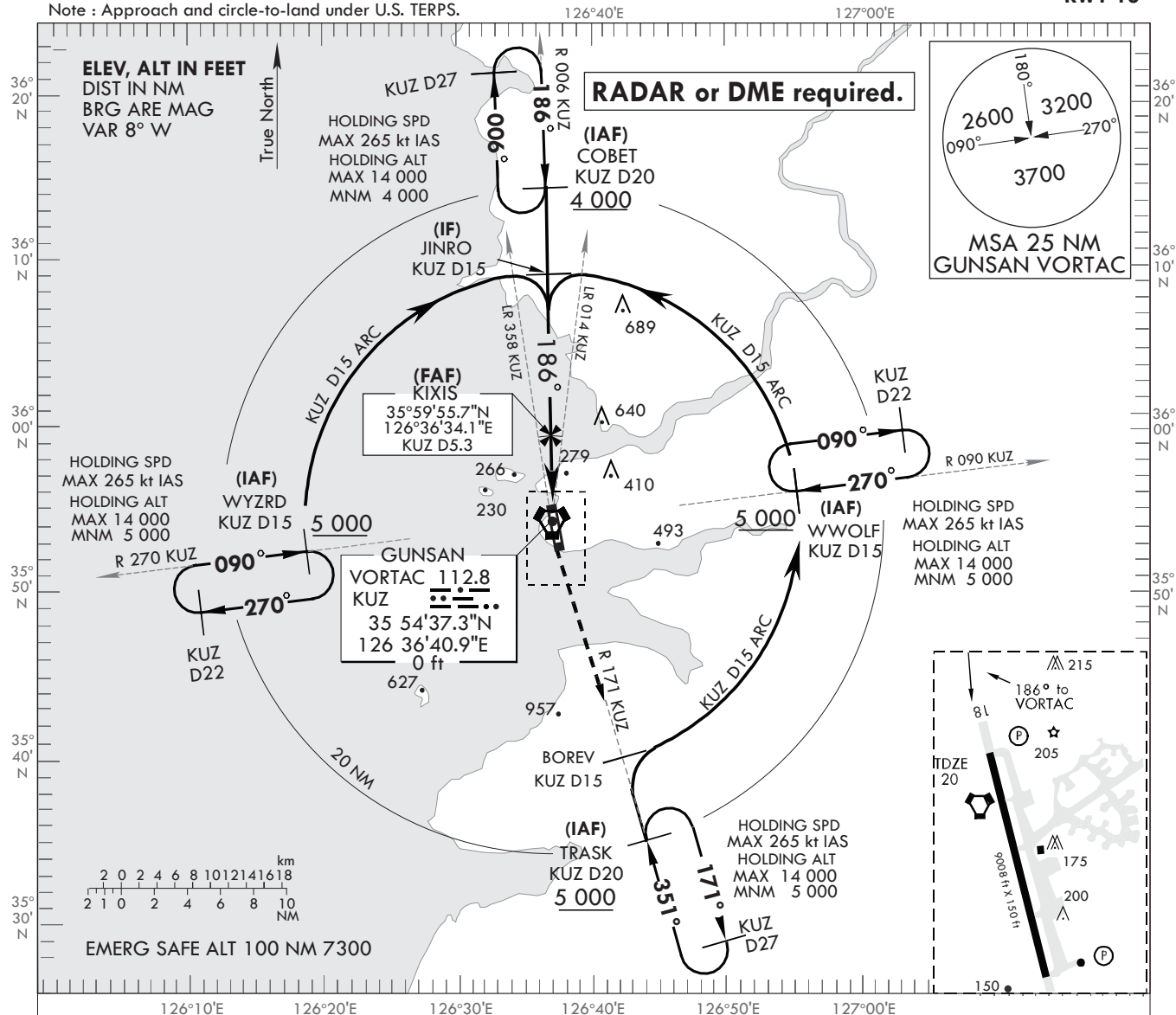
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 29 ft
HIGHEST ELEV TDZ 20 ft

APP 124.1 292.65
TWR 126.5 292.3

GUNSAN/Gunsan(RKJK)
TACAN or VOR/DME
RWY 18

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



MISSSED APPROACH

Intercept the R 171 KUZ to TRASK and hold at 5 000 ft.

Continue Climb-in-Holding to 5 000 ft.

CATEGORY	A	B	C	D
S-18*	620 / 24 602 (600 - 1/2)		620 - 1 3/8 602 (600 - 1 3/8)	
CIRCLING	640 - 1 611 (700 - 1)	680 - 1 651 (700 - 1)	680 - 1 3/4 651 (700 - 1 3/4)	760 - 2 1/4 731 (800 - 2 1/4)

* When ALS INOP, Increase CAT AB RVR to 55 VIS to 1 mile, CAT CD VIS to 1 3/4 mile.

Change : Amended chart symbols.

AERONAUTICAL DATA TABULATION

TACAN or VOR/DME approach to RWY 18 from COBET, WWOLF, TRASK, WYZRD	
Fix/point	Coordinates
TRASK(IAF)	35°35'21.9"N 126°43'26.5"E
BOREV	35°40'10.8"N 126°41'45.4"E
WWOLF(IAF)	35°56'25.7"N 126°55'01.0"E
WYZRD(IAF)	35°52'46.1"N 126°18'21.7"E
COBET(IAF)	36°14'38.8"N 126°36'15.0"E
JINRO(IF)	36°09'38.5"N 126°36'21.5"E
KIXIS(FAF)	35°59'55.7"N 126°36'34.1"E
D2.1 KUZ	-
RETAG	35°55'25.4"N 126°36'39.9"E
THR RWY 18	35°54'57.21"N 126°36'46.83"E

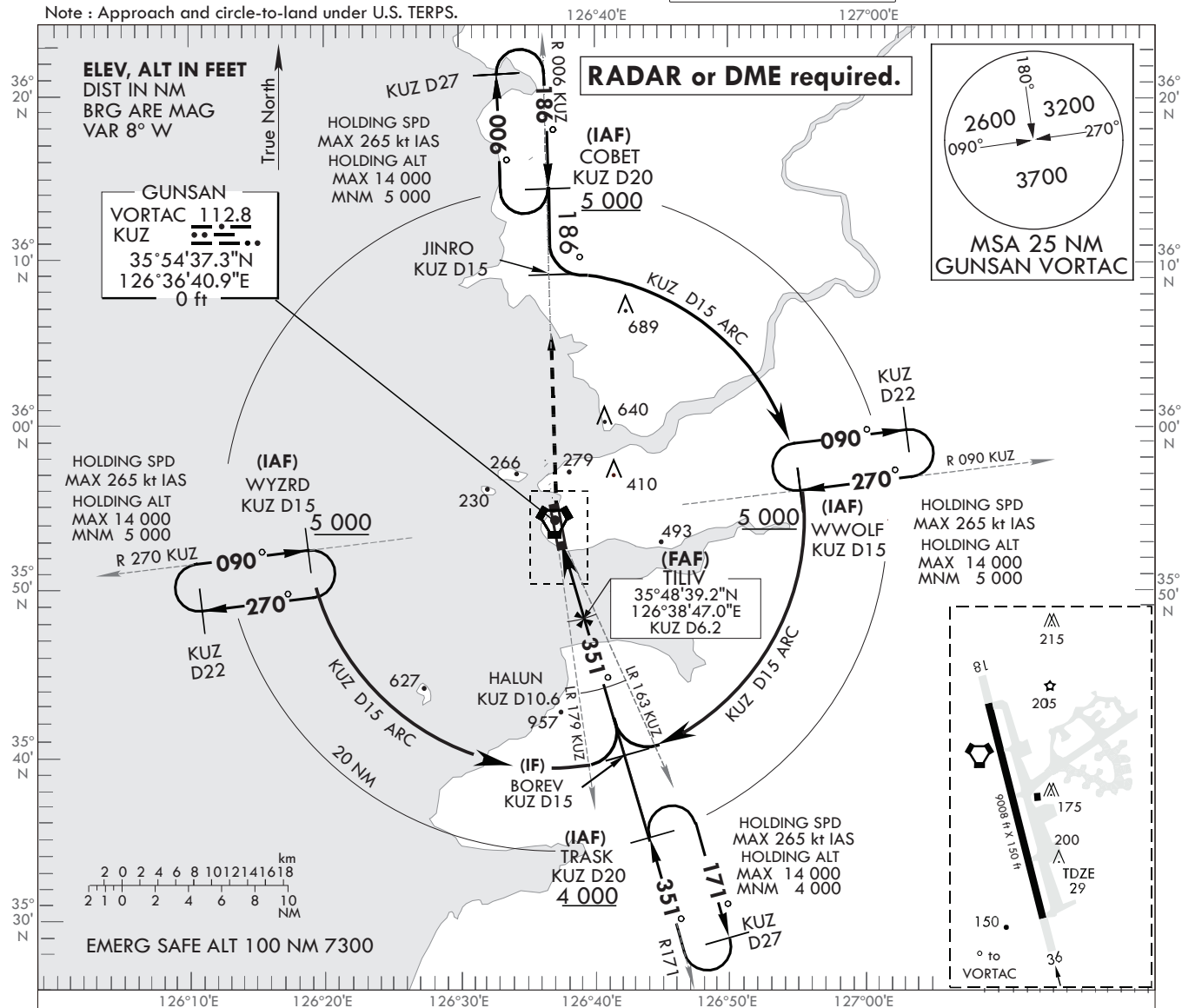
**INSTRUMENT
 APPROACH
 CHART**

AERODROME ELEV 29 ft
HIGHEST ELEV TDZ 29 ft

APP 124.1 292.65
 TWR 126.5 292.3

GUNSAN/Gunsan(RKJK)
TACAN or VOR/DME
RWY 36

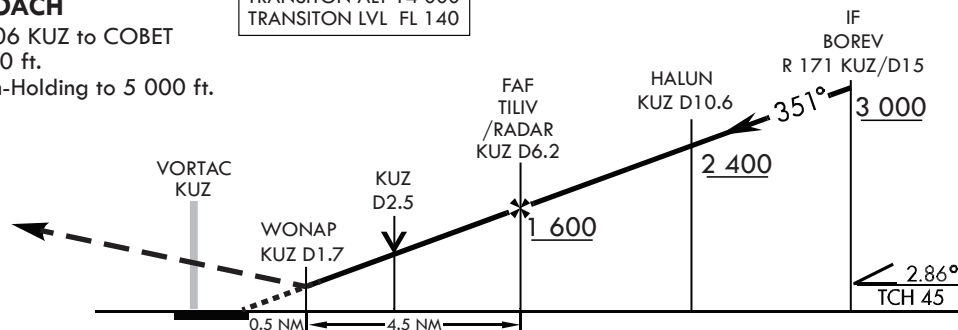
Note : Approach and circle-to-land under U.S. TERPS.



MISSED APPROACH

Intercept the R 006 KUZ to COBET
 and hold at 5 000 ft.
 Continue Climb-in-Holding to 5 000 ft.

TRANSITION ALT 14 000
 TRANSITION LVL FL 140



CATEGORY	A	B	C	D
S-36*	500 / 24 471 (500 - 1/2)		500 / 50 471 (500 - 1)	
CIRCLING	640 - 1 611 (700 - 1)	680 - 1 651 (700 - 1)	680 - 1 3/4 651 (700 - 1 3/4)	760 - 2 1/4 731 (800 - 2 1/4)

* When ALS INOP, increase CAT AB RVR to 55 VIS to 1 mile, CAT CD VIS to 1 3/8 miles.

Change : Amended chart symbols.

AERONAUTICAL DATA TABULATION

TACAN or VOR/DME approach to RWY 36 from COBET, WWOLF, TRASK, WYZRD	
Fix/point	Coordinates
COBET(IAF)	36°14'38.8"N 126°36'15.0"E
JINRO	36°09'38.5"N 126°36'21.5"E
WWOLF(IAF)	35°56'25.7"N 126°55'01.0"E
WYZRD(IAF)	35°52'46.1"N 126°18'21.7"E
TRASK(IAF)	35°35'21.9"N 126°43'26.5"E
BOREV(IF)	35°40'10.8"N 126°41'45.4"E
HALUN	35°44'25.0"N 126°40'16.3"E
TILIV(FAF)	35°48'39.2"N 126°38'47.0"E
D2.3 KUZ	-
WONAP	35°52'59.1"N 126°37'15.5"E
THR RWY 36	35°53'29.83"N 126°37'07.61"E

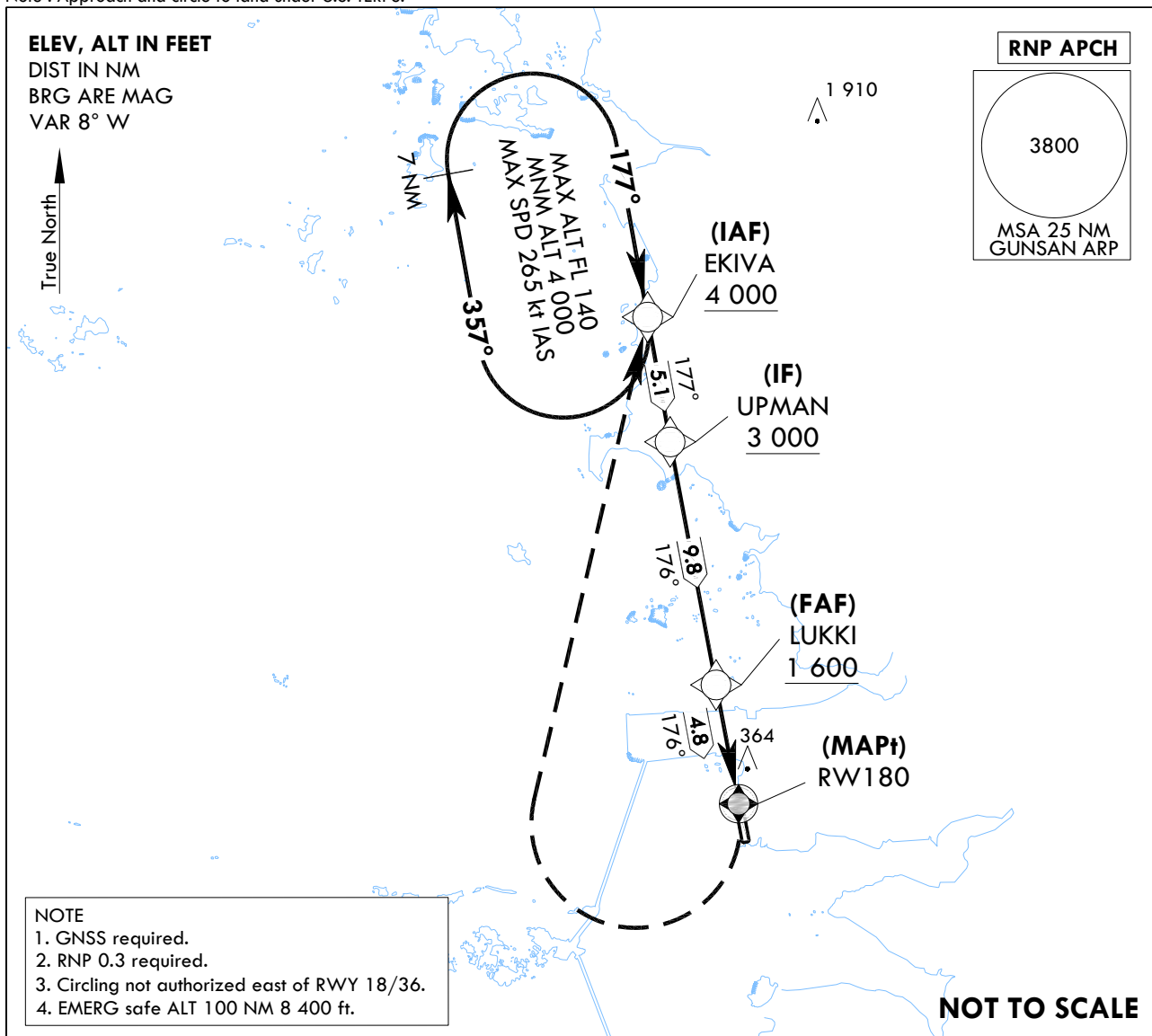
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 30 ft
HEIGHTS RELATED TO
THR RWY 18 - ELEV 17 ft
HIGHEST ELEV TDZ 20 ft

GUNSAN APP 124.1 292.65
GUNSAN TWR 126.5 292.3

GUNSAN/Gunsan(RKJK)
RNP RWY 18

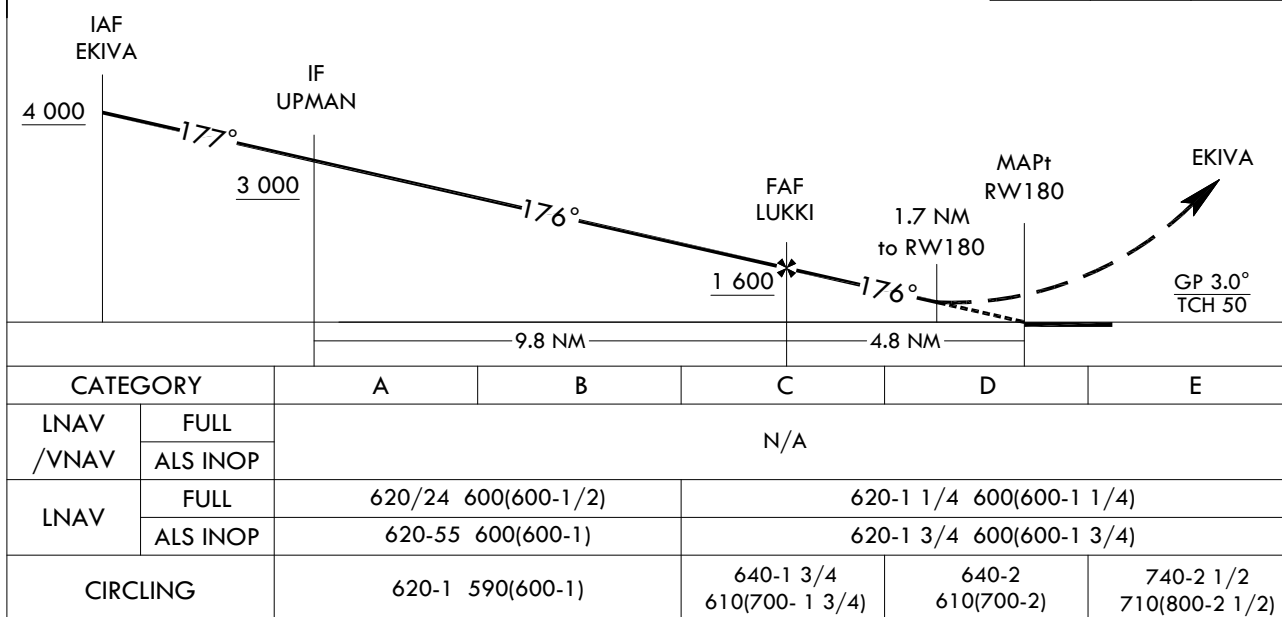
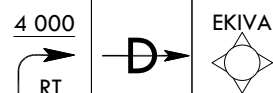
Note : Approach and circle to land under U.S. TERPS.



MISSED APPROACH

Climbing right hand turn to 4 000 ft direct EKIVA and hold.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 18

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	IF	EKIVA	-	-	-	-	+4 000	-	36°14'19.0" N 126°32'13.0" E	-	RNP APCH	IAF
002	TF	UPMAN	-	177(168.9)	5.1	-	+3 000	-	36°09'21.0" N 126°33'21.0" E	-	RNP APCH	IF
003	TF	LUKKI	-	176(167.9)	9.8	-	+1 600	-	35°59'41.0" N 126°35'39.0" E	-	RNP APCH	FAF
004	TF	RW180	Y	176(167.9)	4.8	-	-	-	35°54'57.3" N 126°36'46.8" E	-3.00/50	RNP APCH	MAPt
005	DF	EKIVA	-	-	-	-	-	-	36°14'19.0" N 126°32'13.0" E	-	RNP APCH	-
006	HM	EKIVA	-	177(168.9)	7.0	R	-FL 140 +4 000	-265	36°14'19.0" N 126°32'13.0" E	-	RNP APCH	HOLDING 7 NM LEG

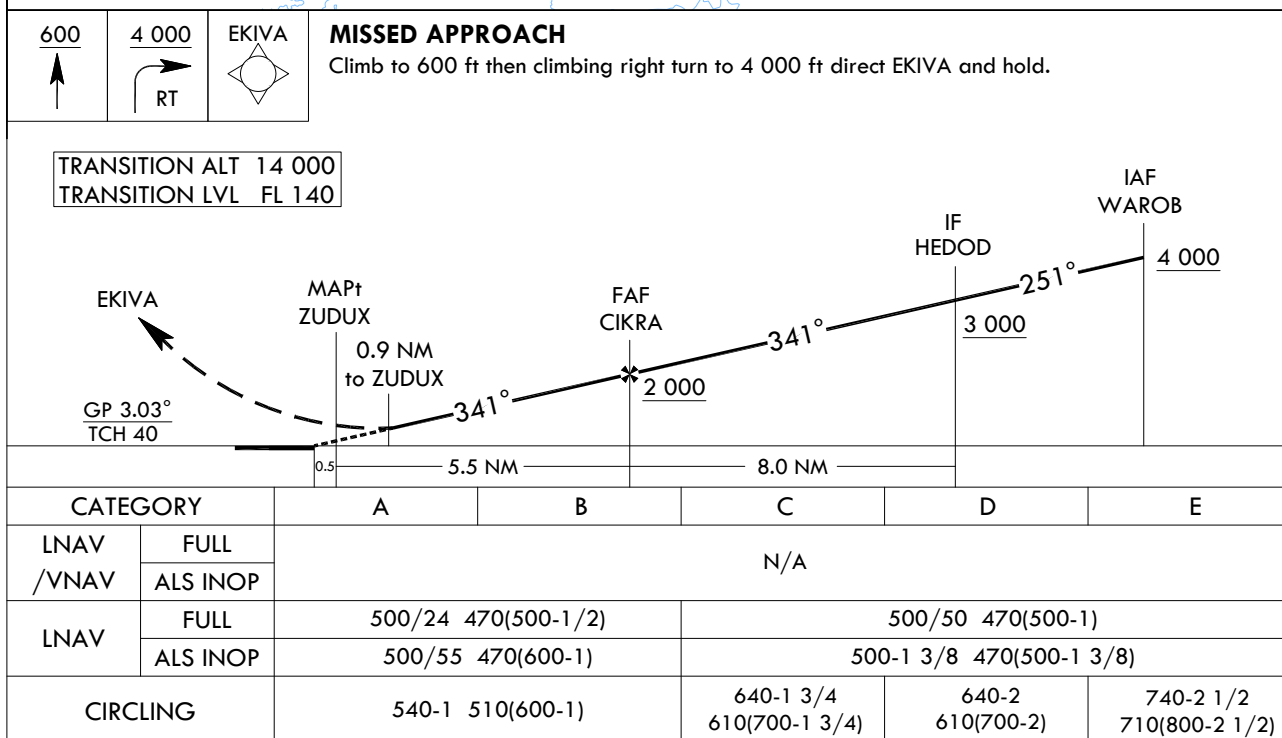
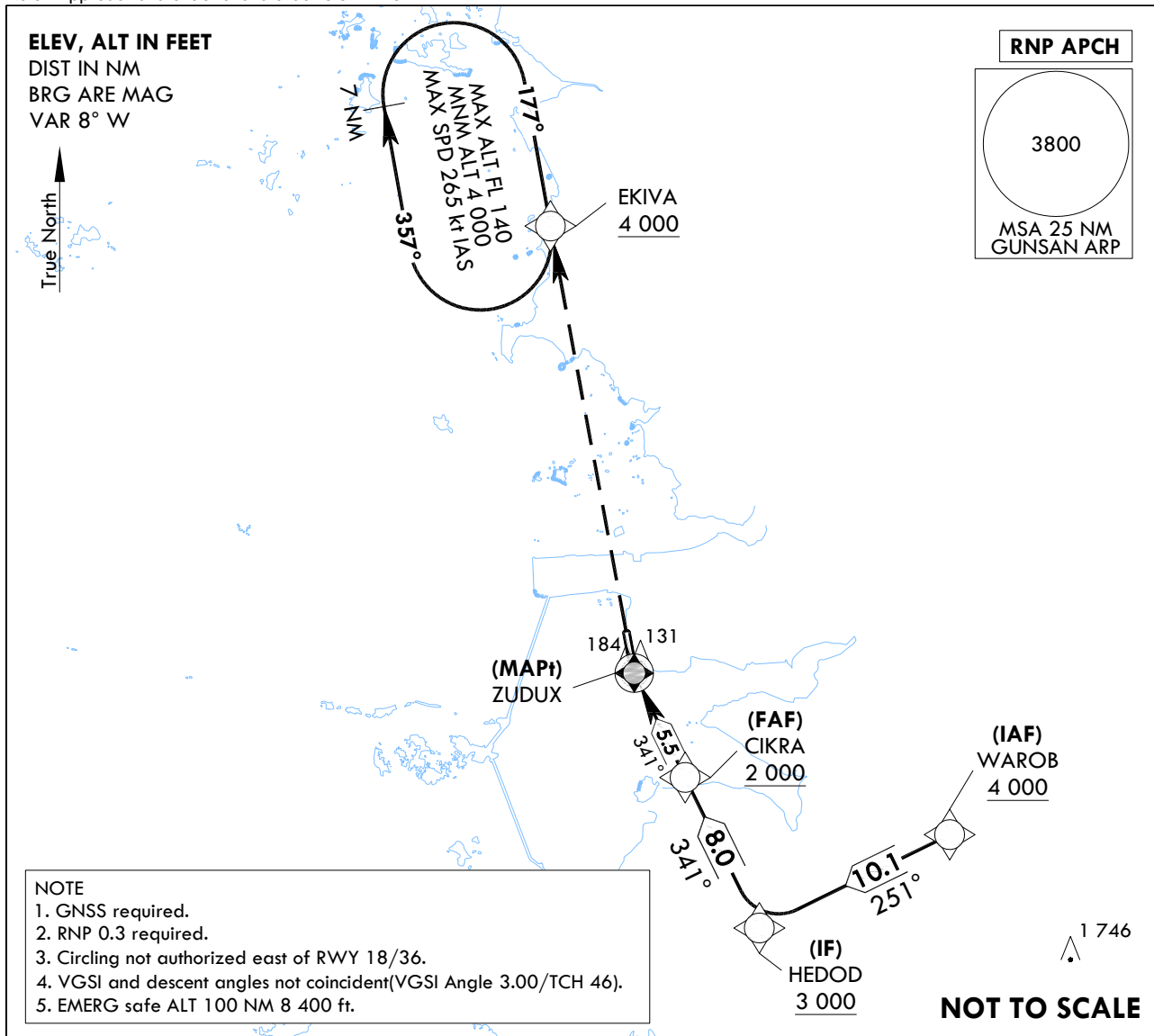
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 30 ft
HEIGHTS RELATED TO
THR RWY 36 - ELEV **27 ft**
HIGHEST ELEV TDZ **30 ft**

GUNSAN APP 124.1 292.65
GUNSAN TWR 126.5 292.3

GUNSAN/Gunsan(RKJK)
RNP RWY 36

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



Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 36

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	IF	WAROB	-	-	-	-	+4 000	-	35°45'21.0" N 126°55'44.0" E	-	RNP APCH	IAF
002	TF	HEDOD	-	251(242.9)	10.1	-	+3 000	-	35°40'53.0" N 126°44'37.0" E	-	RNP APCH	IF
003	TF	CIKRA	-	341(332.9)	8.0	-	+2 000	-	35°48'03.0" N 126°40'15.0" E	-	RNP APCH	FAF
004	TF	ZUDUX	Y	341(332.9)	5.5	-	-	-	35°53'01.0" N 126°37'15.0" E	-3.03/40	RNP APCH	MAPt
005	VA	TP600	-	-	-	-	+600	-	-	-	RNP APCH	-
006	DF	EKIVA	-	-	-	-	-	-	36°14'19.0" N 126°32'13.0" E	-	RNP APCH	-
007	HM	EKIVA	-	177(168.9)	7.0	R	-FL 140 +4 000	-265	36°14'19.0" N 126°32'13.0" E	-	RNP APCH	HOLDING 7 NM LEG

RKJY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RKJY - YEOSU / Domestic

RKJY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	345032N 1273702E 166° / 1 050 m from THR 17
2	Direction and distance from city	343°, 11 km from Yeosu City Hall
3	Elevation/Reference temperature	16 m / 31.9 °C
4	Geoid undulation at the aerodrome elevation	27 m
5	MAG VAR/Annual change	8° W (2025) / 0.041° increasing
6	Aerodrome Operator, Address, Telephone, Telefax, AFS	Korea Airports Corporation(Yeosu Airport) 386, Yeosun-ro, Yulchon-myeon, Yeosu-si, Jeollanam-do, 59606 Republic of Korea TEL : +82-61-689-6331, 6339 Telefax : +82-61-689-6330
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	NIL

RKJY AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	2100-1300 UTC
2	Customs and Immigration	NIL
3	Health and Sanitation	NIL
4	AIS Briefing Office	2230-0950 UTC
5	ATS Reporting Office	2230-0950 UTC
6	MET Briefing Office	2200-1000 UTC
7	ATS	2205-0950 UTC
8	Fuelling	NIL
9	Handling	HO
10	Security	HO
11	De-icing	NIL
12	Remarks	Outside these hours services are available on request. (Only passenger flight)

RKJY AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Conveyor belt, various vehicles and equipments
2	Fuel/oil types	NIL
3	Fuelling facilities/capacity	NIL
4	De-icing facilities	NIL
5	Hanger space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

Change : Information of operational hours for AIS briefing office, ATS reporting office, MET briefing office and ATS.



RKJY AD 2.5 PASSENGER FACILITIES

1	Hotels	In Yeosu & Suncheon city
2	Restaurants	At AD and in the city
3	Transportation	Buses, Taxis, Rental cars from AD
4	Medical facilities	a. Ambulance service available (For 1 patient) b. Hospitals in Yeosu city, 13 km from AD
5	Bank and Post Office	a. Automated teller machine (ATM) available at AD b. Bank and post office in Yeosu & Suncheon city
6	Tourist Office	Available at AD
7	Remarks	http://www.airport.co.kr/mbs/yeosu/

RKJY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	Category 7
2	Rescue equipment	a. 2 Chemical fire fighting trucks - Water : 23 000 L - AFFF* : 3 000 L - Dry chemical : 500 kg b. 1 Ambulance car c. 1 Mobile command vehicle
3	Capability for removal of disabled aircraft	Specialized aircraft recovery equipment available for up to and including A321 size aircraft. 100 ton hydraulic recovery jack, 470 ton crane and other accessory equipment can be provided by airlines and agencies. Korea Airports Corporation is the co-ordinator for the removal of disabled aircraft and can be reached at Airport Duty Manager. (TEL : +82-61-689-6331, 6334)
4	Remarks	* Aqueous Film Forming Foam(AFFF)

RKJY AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	a. 1 Compact runway jet sweeper b. 1 Dump truck c. 2 Tractors d. 1 Snow plough e. 1 Urea spreader
2	Clearance priorities	a. RWY b. TWY c. Apron and other area
3	Remarks	Snow clearance information promulgated by SNOWTAM

RKJY AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	NIL
2	TLOF and/or FATO elevation	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	As directed by ATC

RKJY AD 2.17 ATS AIRSPACE

1	Designation and lateral limit	Yeosu CTR A circle, radius 5 NM centered at ARP
2	Vertical limits	SFC to 3 000 ft AGL
3	Airspace classification	D
4	ATS unit call sign Languages	Yeosu Tower English / Korean
5	Transition altitude	14 000 ft AMSL
6	Operational hours	2205-0950 UTC
7	Remarks	Refer to ENR 2.1-9, RKJY Visual approach chart to identify class D airspace

RKJY AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
APP	Sacheon Approach	135.4 MHz 344.7 MHz	H24	Scheduled Inspection time : Every 4th THU(1300-1800 UTC) of the month.
	Yeosu Arrival	119.725 MHz 317.425 MHz	2230-0930 UTC	
TWR	Yeosu Tower	122.5 MHz 240.9 MHz 121.5 MHz 243.0 MHz	2205-0950 UTC	
GND	Yeosu Ground	118.525 MHz	2205-0950 UTC	Digital PDC service available
ATIS	Yeosu Airport	128.275 MHz	HO	Digital ATIS service available

Change : Information of operational hours for ATS airspace, Yeosu Tower and Ground.

RKJY AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OPS	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
LOC 17 (8° W/2025) ILS CAT I (8° W or 352°)	IYSO	111.5 MHz	H24	344952.0N 1273721.9E	-	Scheduled Inspection Time : Every 1st THU (1300-1700 UTC) of the month LOC unusable : Beyond 32° right side of the course and beyond 20 NM from LOC due to terrains.
DME 17	-	1013 MHz (CH 52X)	H24	345057.3N 1273654.5E	30 m	
GP 17	-	332.9 MHz	H24	345057.2N 1273654.4E	-	3° ILS RDH 46 ft
LOC 35 (8° W/2025) ILS CAT I (8° W or 352°)	IYSU	109.7 MHz	H24	345113.0N 1273642.2E	-	Scheduled Inspection Time : Every 2nd THU (1300-1700 UTC) of the month LOC unusable : Beyond 30° left of the course due to terrain.
DME 35	-	995 MHz (CH 34X)	H24	345010.4N 1273718.1E	30 m	DME unusable : Beyond 30° left of the course due to terrain.
GP 35	-	333.2 MHz	H24	345010.4N 1273718.0E	-	3° ILS RDH 50 ft
VOR/DME (8° W/2025)	YSU	115.7 MHz (CH 104X)	H24	345034.3N 1273708.7E	30 m	VOR unusable : RDL 076-130 beyond 22 DME below 5 000 ft RDL 131-190 beyond 23 DME below 4 000 ft RDL 191-265 beyond 13 DME below 9 000 ft RDL 266-305 beyond 8 DME below 11 000 ft DME unusable : RDL 076-130 beyond 15 DME below 6 000 ft RDL 131-190 beyond 11 DME below 6 000 ft RDL 191-265 beyond 6 DME below 15 000 ft RDL 266-305 beyond 7.5 DME below 17 000 ft Scheduled Inspection Time : Every 3rd THU(1300-1700 UTC) of the month
Scheduled Inspection Time : - RADAR(PSR/SSR) : Every 3rd THU(1300-1700 UTC) of the month						

RKJY AD 2.20 LOCAL AERODROME REGULATIONS

1. Ground engine check procedures
 - 1.1 Aircraft requiring an engine check shall contact YEOSU TWR and provide the following;
 - a. Call sign or registration number
 - b. Stand number
 - c. Type of request, engine start or performance check
 - 1.2 Engine starts are permitted in the ramp areas. However, the power setting shall not exceed idle thrust.
 - 1.3 During the engine check, any pilot shall monitor the frequency of YEOSU TWR.
2. All aircraft contact YEOSU TWR prior to entering class D airspace. (Refer to RKJY Visual Approach Chart)

**STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SACHEON APP 135.4
YEOSU TWR 122.5
240.9

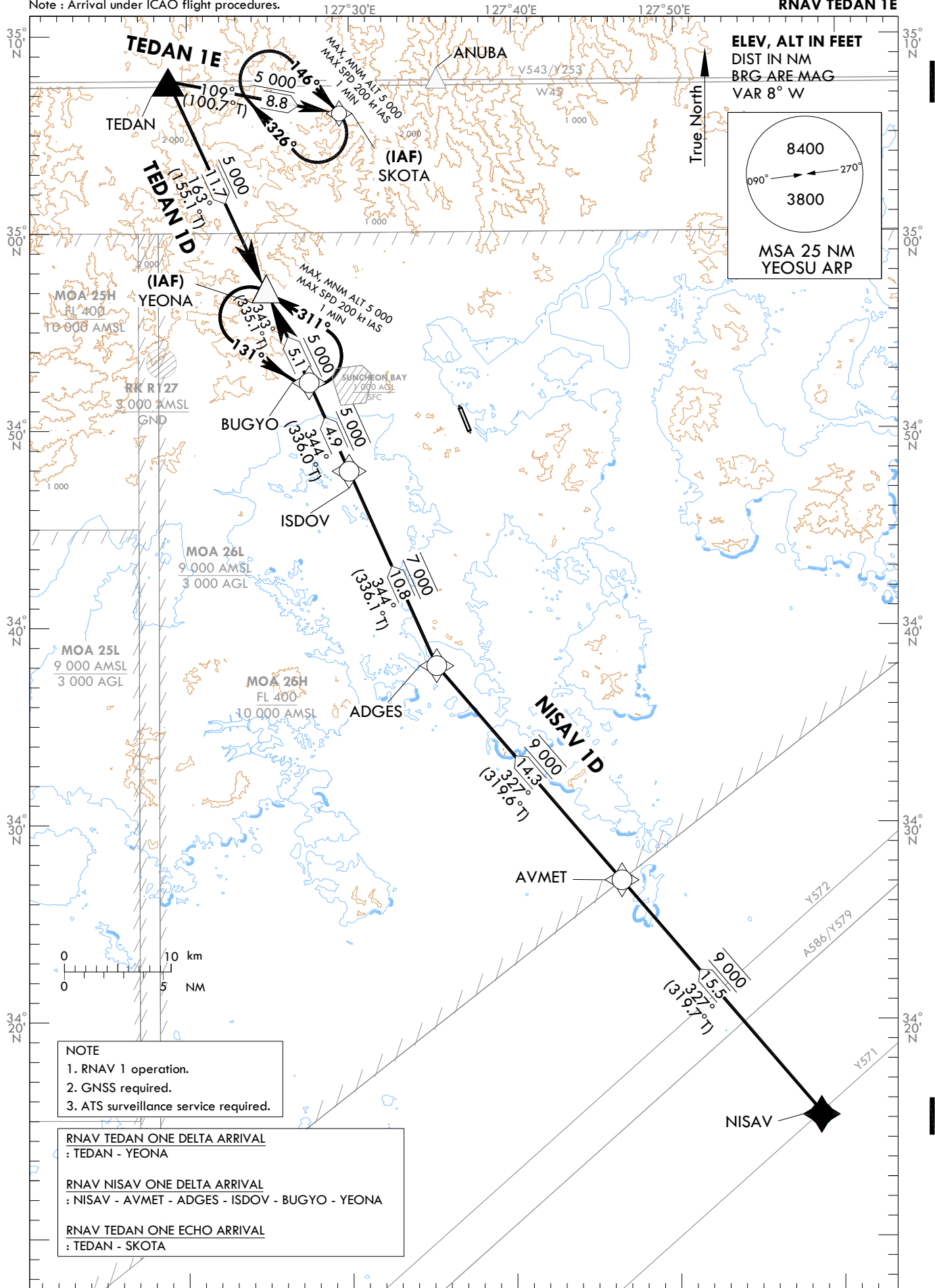
YEOSU/Yeosu(RKJY)

RWY 17

RNAV TEDAN 1D, RNAV NISAV 1D

RNAV TEDAN 1E

Note : Arrival under ICAO flight procedures.



Change : Information of TEDAN and NISAV(reporting requirement).

YEOSU/Yeosu(RKJY)

RWY 17

RNAV TEDAN 1D, RNAV NISAV 1D

RNAV TEDAN 1E, HOLDING PROCEDURE

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV TEDAN 1D

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	TEDAN	-	-	-	-	-	-	35°07'43.8"N 127°18'52.1"E	-	RNAV 1	-
002	TF	YEONA	-	163(155.1)	11.7	-	+5 000	-	34°57'03.8"N 127°24'52.1"E	-	RNAV 1	IAF

RNAV NISAV 1D

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	NISAV	-	-	-	-	-	-	34°15'19.1"N 127°58'35.0"E	-	RNAV 1	-
002	TF	AVMET	-	327(319.7)	15.5	-	@9 000	-	34°27'07.6"N 127°46'29.4"E	-	RNAV 1	-
003	TF	ADGES	-	327(319.6)	14.3	-	@9 000	-	34°38'03.0"N 127°35'14.0"E	-	RNAV 1	-
004	TF	ISDOV	-	344(336.1)	10.8	-	@7 000	-	34°47'56.0"N 127°29'55.0"E	-	RNAV 1	-
005	TF	BUGYO	-	344(336.0)	4.9	-	@5 000	-	34°52'26.0"N 127°27'29.0"E	-	RNAV 1	-
006	TF	YEONA	-	343(335.1)	5.1	-	+5 000	-	34°57'03.8"N 127°24'52.1"E	-	RNAV 1	IAF

RNAV TEDAN 1E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	TEDAN	-	-	-	-	-	-	35°07'43.8"N 127°18'52.1"E	-	RNAV 1	-
002	TF	SKOTA	-	109(100.7)	8.8	-	+5 000	-	35°06'04.9"N 127°29'24.2"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNAV TEDAN 1D	HM	YEONA	Y	311(302.6)	1	L	@5 000	-200	34°57'03.8"N 127°24'52.1"E	-	RNAV 1	-
RNAV NISAV 1D	HM	YEONA	Y	311(302.6)	1	L	@5 000	-200	34°57'03.8"N 127°24'52.1"E	-	RNAV 1	-
RNAV TEDAN 1E	HM	SKOTA	Y	146(138.0)	1	R	@5 000	-200	35°06'04.9"N 127°29'24.2"E	-	RNAV 1	-

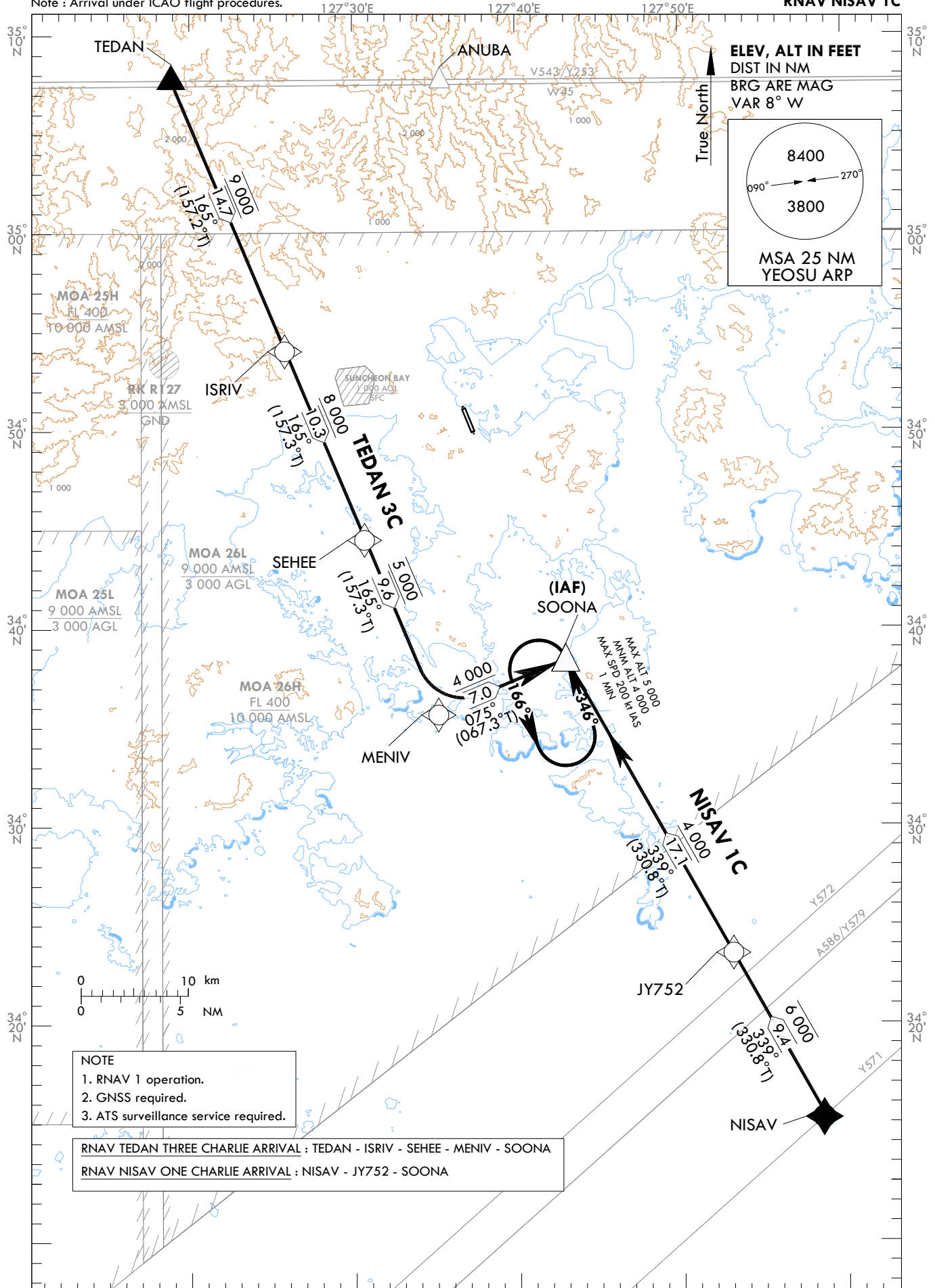
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SACHEON APP 135.4
YEOSU TWR 122.5
240.9

YEOSU/Yeosu(RKJY)
RWY 35
RNAV TEDAN 3C
RNAV NISAV 1C

Note : Arrival under ICAO flight procedures.



Change : Information of TEDAN and NISAV(reporting requirement).

YEOSU/Yeosu(RKJY)
RWY 35RNAV TEDAN 3C, RNAV NISAV 1C
HOLDING PROCEDURE

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV TEDAN 3C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	TEDAN	-	-	-	-	-	-	35°07'43.8"N 127°18'52.1"E	-	RNAV 1	-
002	TF	ISRIV	-	165(157.2)	14.7	-	@9 000	-	34°54'10.0"N 127°25'48.0"E	-	RNAV 1	-
003	TF	SEHEE	-	165(157.3)	10.3	-	+8 000	-	34°44'37.0"N 127°30'39.0"E	-	RNAV 1	-
004	TF	MENIV	-	165(157.3)	9.6	-	@5 000	-	34°35'46.2"N 127°35'07.9"E	-	RNAV 1	-
005	TF	SOONA	-	075(067.3)	7.0	-	+4 000	-	34°38'27.5"N 127°42'56.0"E	-	RNAV 1	IAF

RNAV NISAV 1C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	NISAV	-	-	-	-	-	-	34°15'19.1"N 127°58'35.0"E	-	RNAV 1	-
002	TF	JY752	-	339(330.8)	9.4	-	-6 000	-	34°23'33.2"N 127°53'02.0"E	-	RNAV 1	-
003	TF	SOONA	-	339(330.8)	17.1	-	+4 000	-	34°38'27.5"N 127°42'56.0"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNAV TEDAN 3C	HM	SOONA	Y	346(338.5)	1	L	+4 000 -5 000	-200	34°38'27.5"N 127°42'56.0"E	-	RNAV 1	-
RNAV NISAV 1C	HM	SOONA	Y	346(338.5)	1	L	+4 000 -5 000	-200	34°38'27.5"N 127°42'56.0"E	-	RNAV 1	-

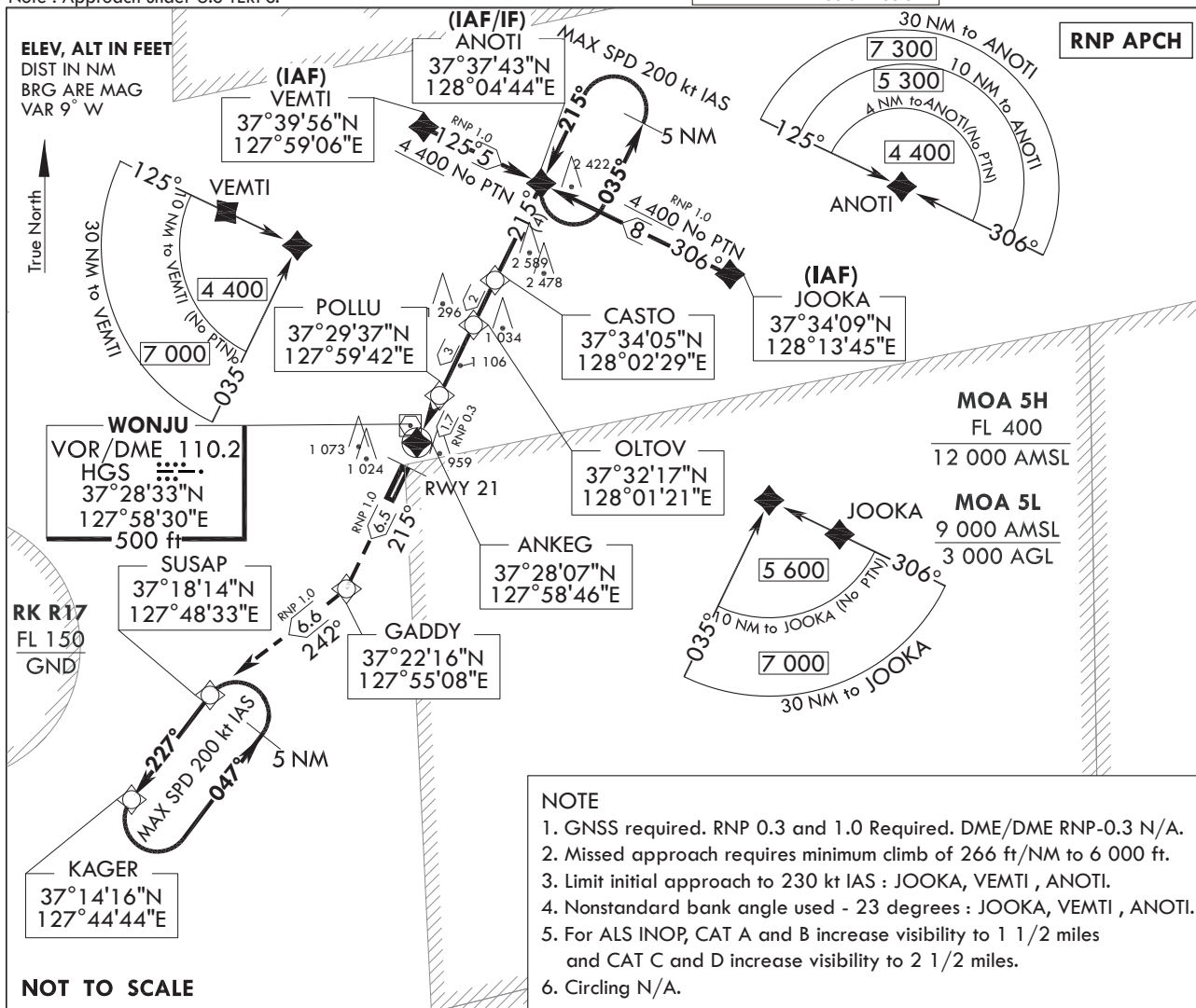
**INSTRUMENT
APPROACH
CHART**

Note : Approach under U.S TERPS.

AERODROME ELEV 330 ft
HEIGHTS RELATED TO
THR RWY 21 - ELEV 330 ft

WONJU APP 130.2
234.4 255.0
WONJU TWR 126.2 118.325
236.6 265.5

WONJU/Wonju(RKNW)
RNP RWY 21



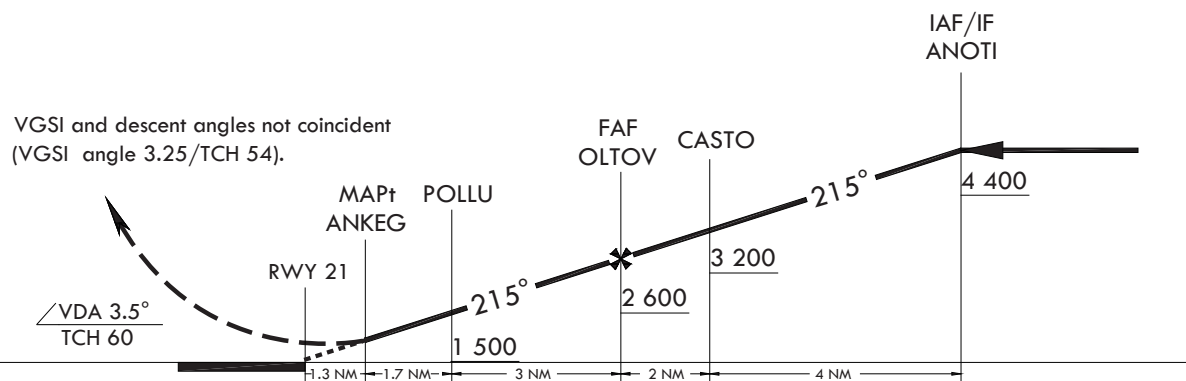
NOT TO SCALE

※ 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 215° to GADY, then track 242° to SUSAP, then track 227° to KAGER and hold.



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			

Change : Amended chart symbol.

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	-	306(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	-	125(116.3)	5.0	-	+4 400	-230	37°37'42.86"N 128°04'44.26"E	-	RNP APCH	IAF/IF
003	TF	CASTO	-	215(206.4)	4.0	-	+3 200	-230	37°34'05.59"N 128°02'28.87"E	-	RNP APCH	-
004	TF	OLTOV	-	215(206.4)	2.0	-	+2 600	-	37°32'16.91"N 128°01'21.18"E	-	RNP APCH	FAF
005	TF	POLLU	-	215(206.4)	3.0	-	+1 500	-	37°29'37.54"N 127°59'42.09"E	-	RNP APCH	-
006	TF	ANKEG	FO	215(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	-	215(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	-	242(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	-	227(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	-	215(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	-	227(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.

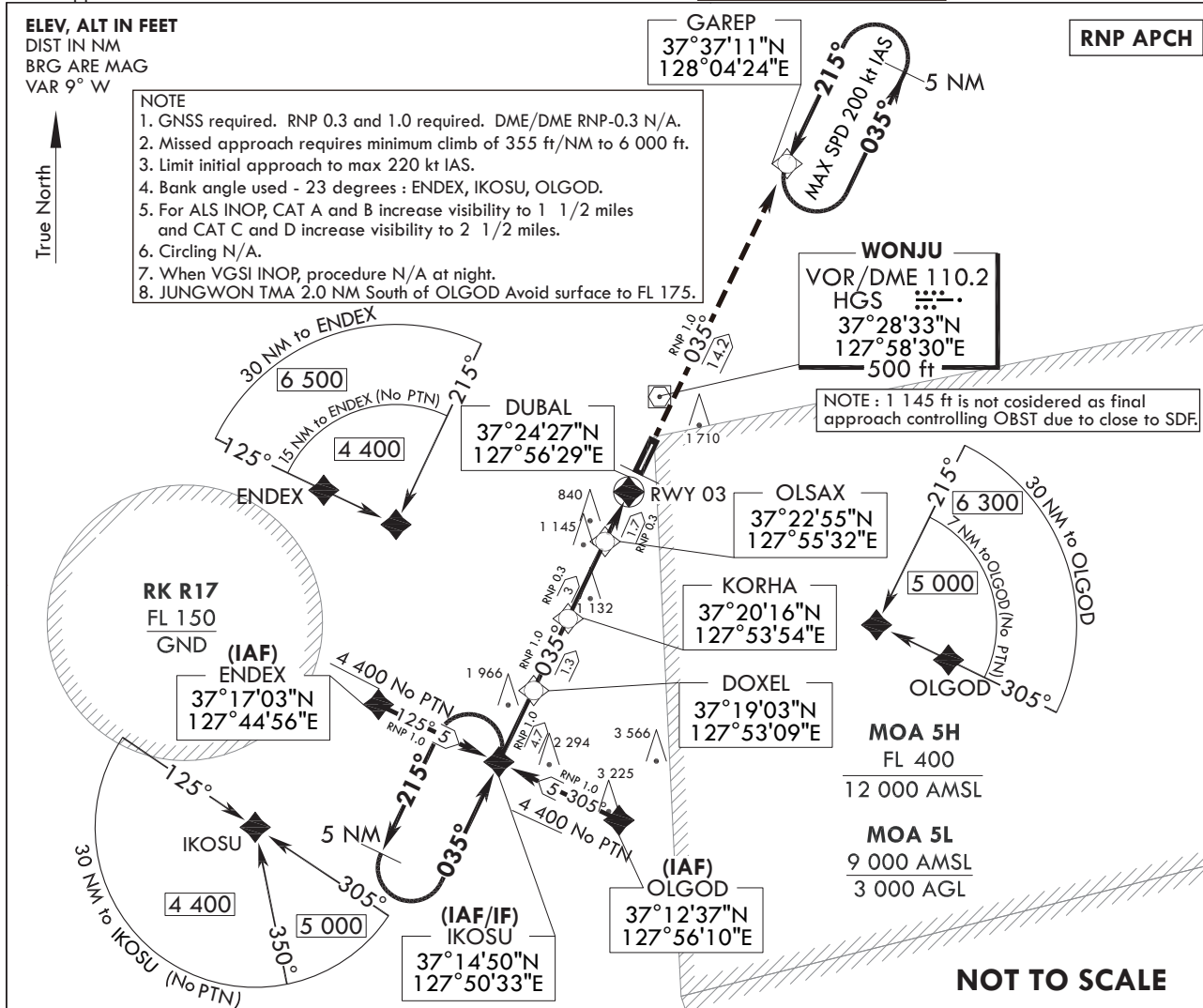
**INSTRUMENT
APPROACH
CHART**

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.

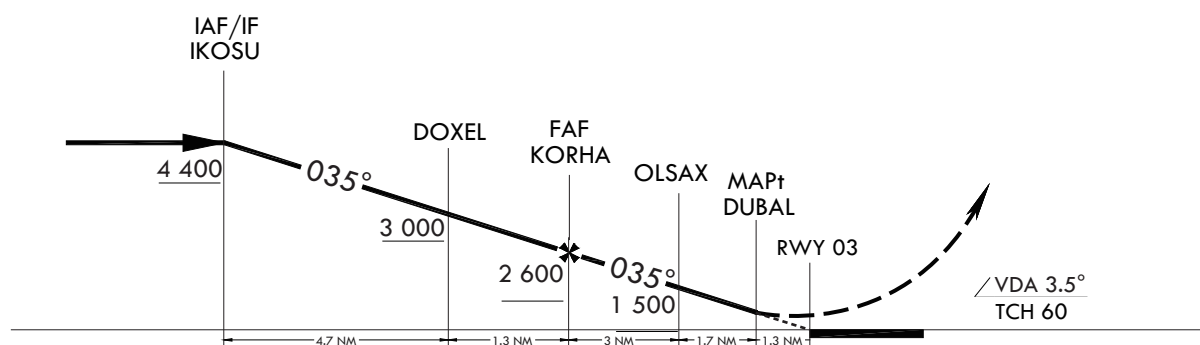


※ VGSI : Visual Glide Slope Indicator
VPA : Vertical Path Angle
TCH : Threshold Crossing Height
No PTN : No Procedure Turn Required

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 6 000 ft on track 035° 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 : Amended chart symbol.

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	-	125(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	-	305(296.3)	5.0	-	+4 400	-220	37°14'50.45"N 127°50'32.84"E	-	RNP APCH	IAF/IF
003	TF	DOXEL	-	035(026.3)	4.7	-	+3 000	-220	37°19'03.51"N 127°53'09.14"E	-	RNP APCH	-
004	TF	KORHA	-	035(026.3)	1.3	-	+2 600	-	37°20'15.88"N 127°53'53.87"E	-	RNP APCH	FAF
005	TF	OLSAX	-	035(026.3)	3.0	-	+1 500	-	37°22'55.32"N 127°55'32.56"E	-	RNP APCH	-
006	TF	DUBAL	FO	035(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	-	035(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	-	035(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	-	035(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.

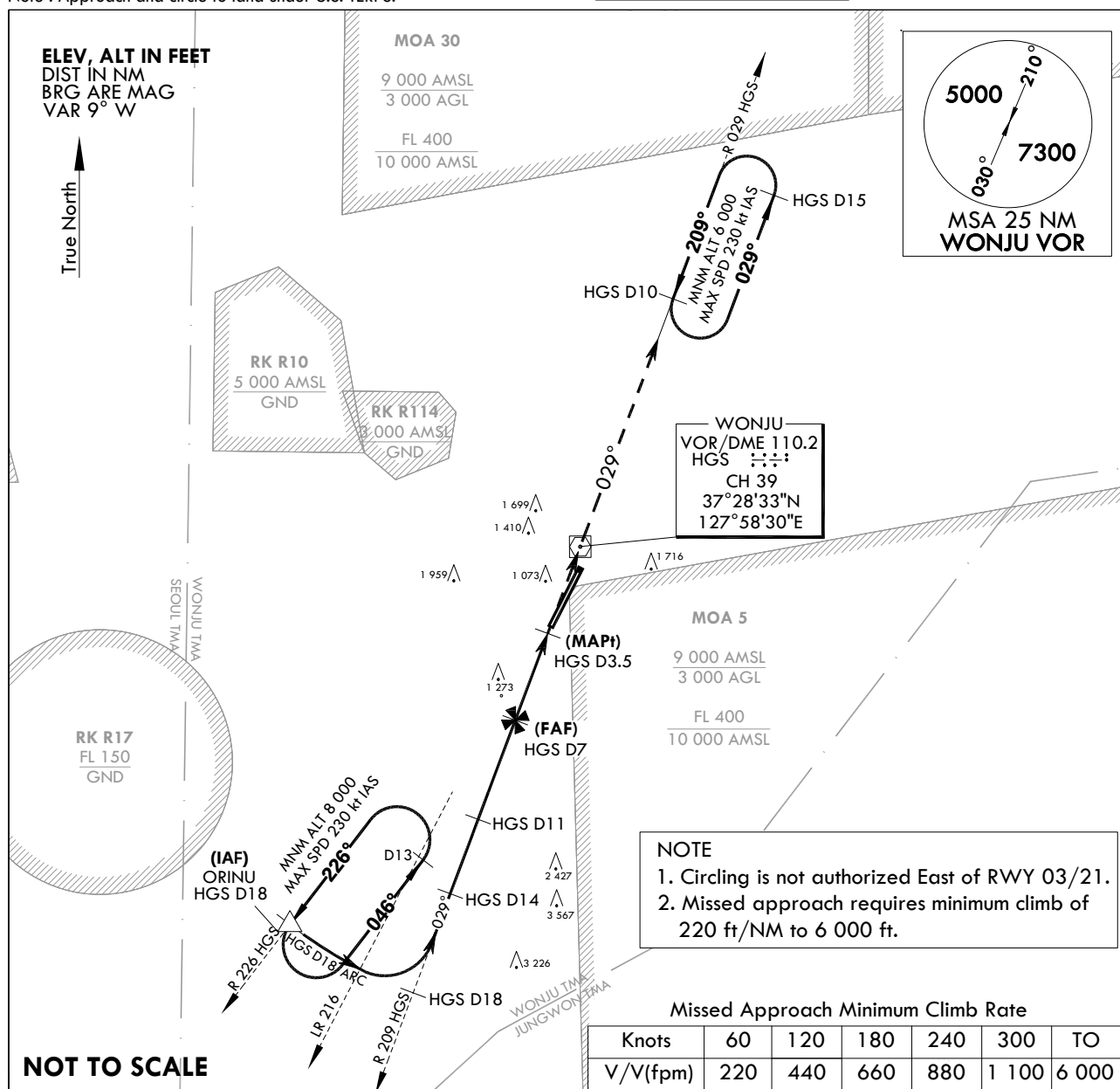
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 330 ft
HEIGHTS ELEV TDZ 325 ft

WONJU APP	130.2	255.0
WONJU TWR	234.4	118.325
	265.5	126.2
	236.6	

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

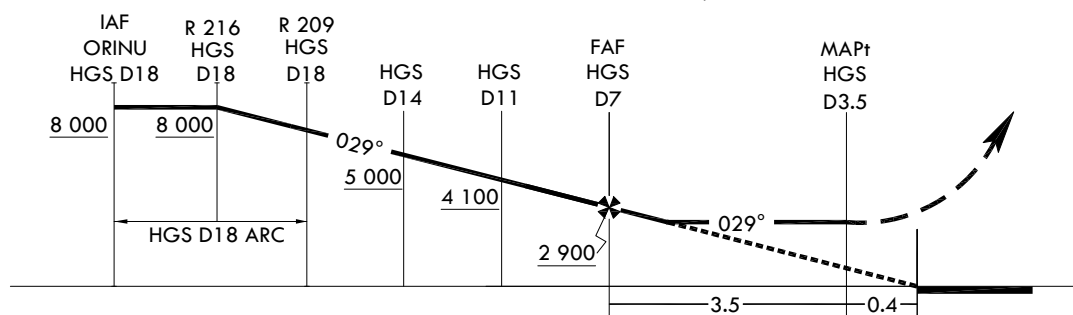
Note : Approach and circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 6 000 ft via HDG 029° to HGS and R 029 HGS to HGS D10 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 : Amended chart symbol.

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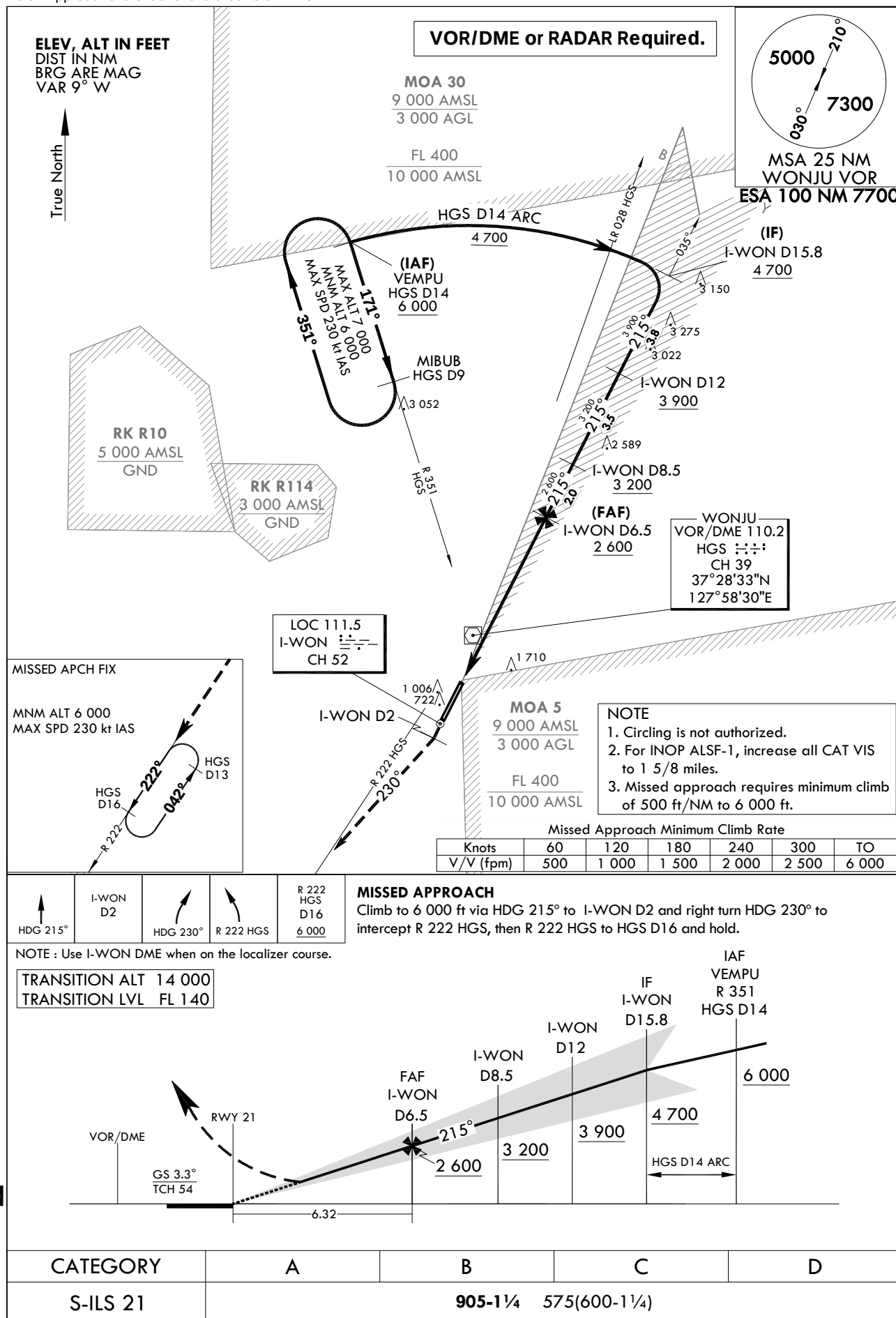
**INSTRUMENT
APPROACH
CHART**

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 : Amended chart symbol.

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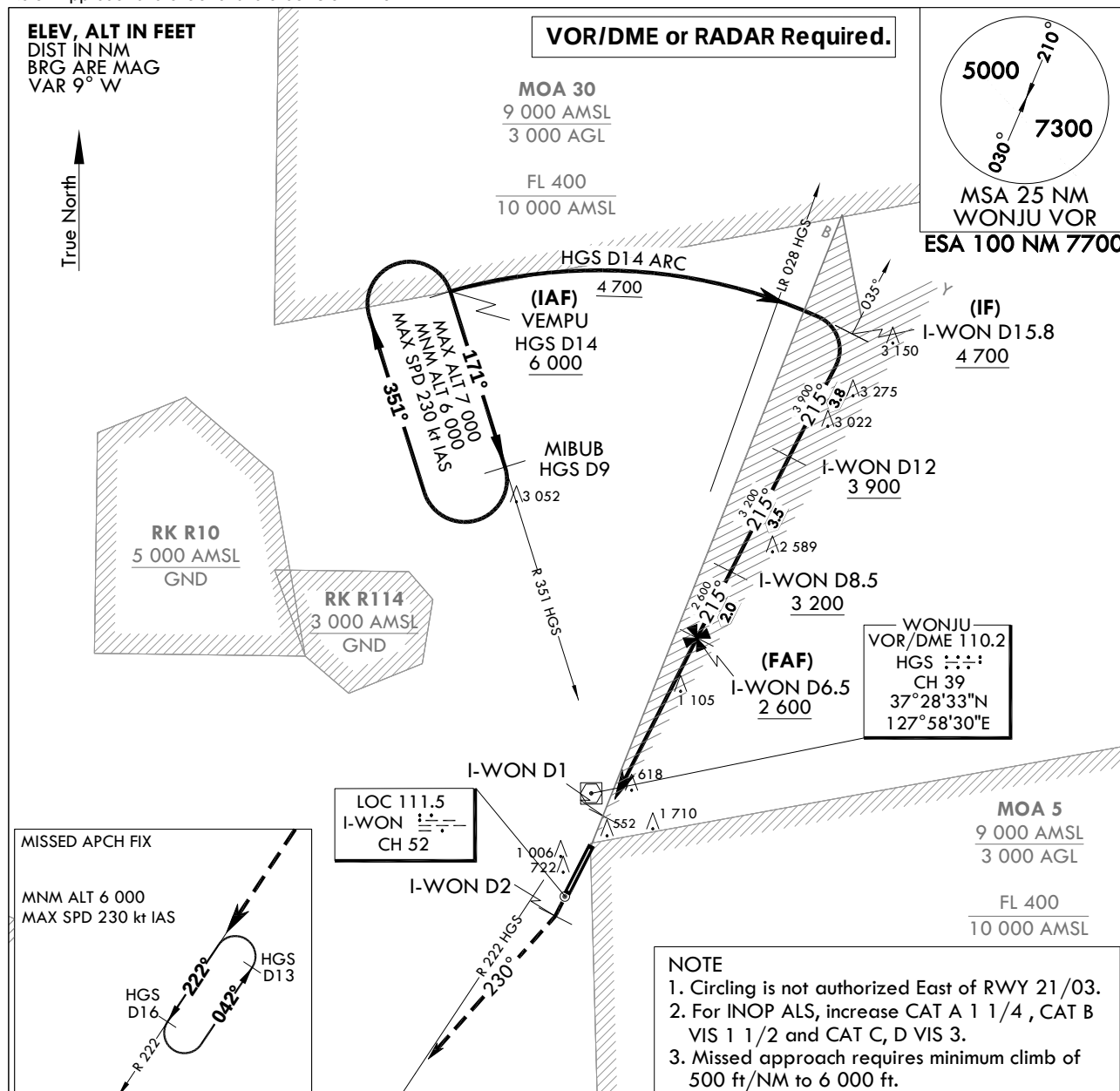
**INSTRUMENT
APPROACH
CHART**

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**

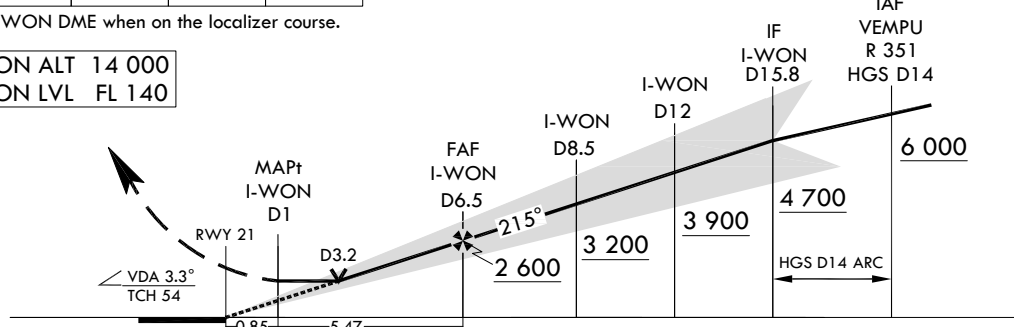
Note : Approach and circle to land under U.S. TERPS.



↑ HDG 215°	I-WON D2	↑ HDG 230°	↑ R 222 HGS	R 222 HGS D16 6 000
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NOTE : Use I-WON DME when on the localizer course.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D
S-LOC 21	1 420/40 1 090(1 100-3/4)	1 420/55 1 090(1 100-1)	1 420-2½ 1 090(1 100-2½)	
CIRCLING	1 440-1¼ 1 110(1 200-1¼)	1 440-1½ 1 110(1 200-1½)	1 780-3 1 450(1 500-3)	2 060-3 1 730(1 800-3)

Change : Amended chart symbol.

INTENTIONALLY

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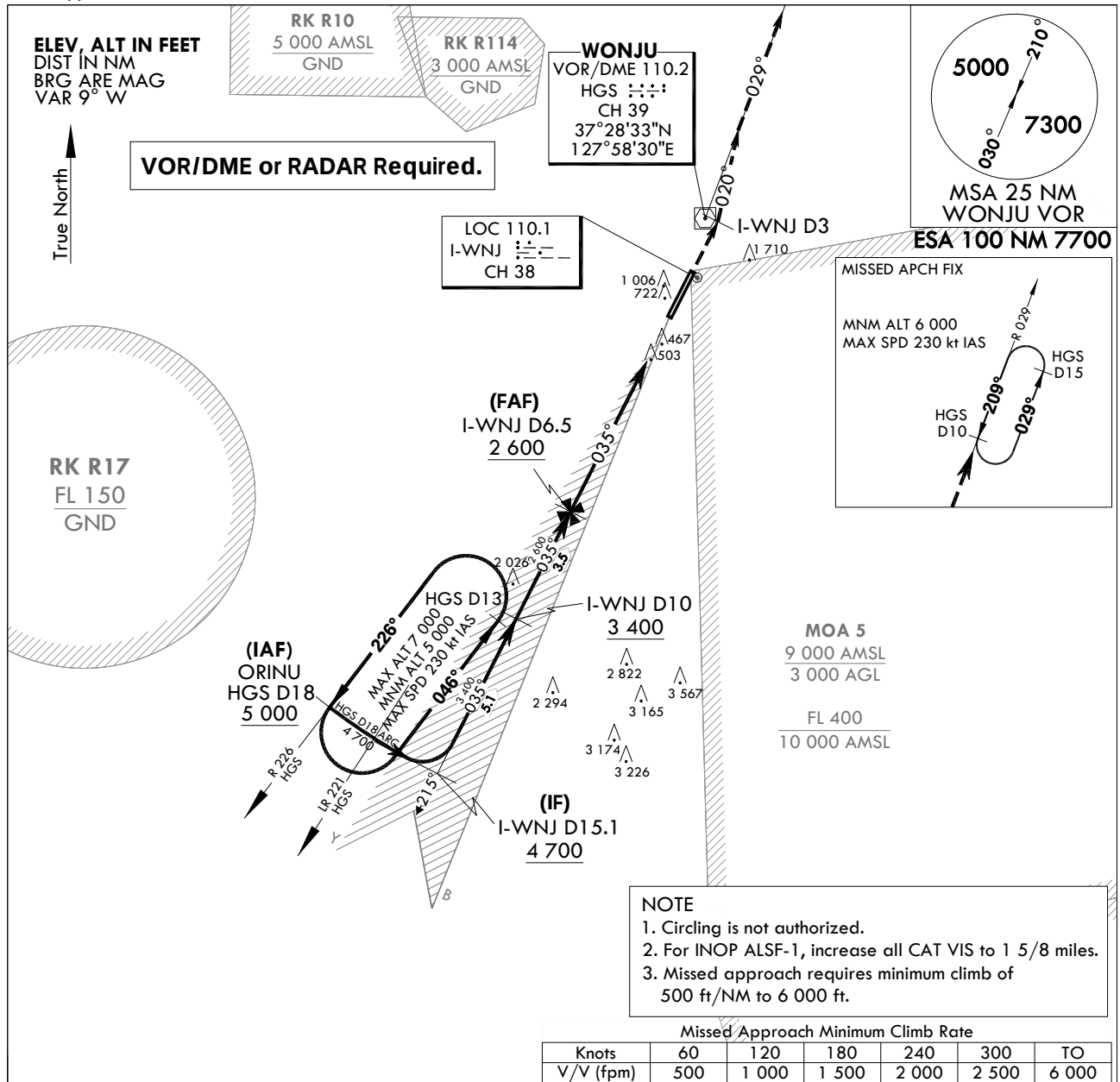
**INSTRUMENT
APPROACH
CHART**

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)
ILS Y RWY 03

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

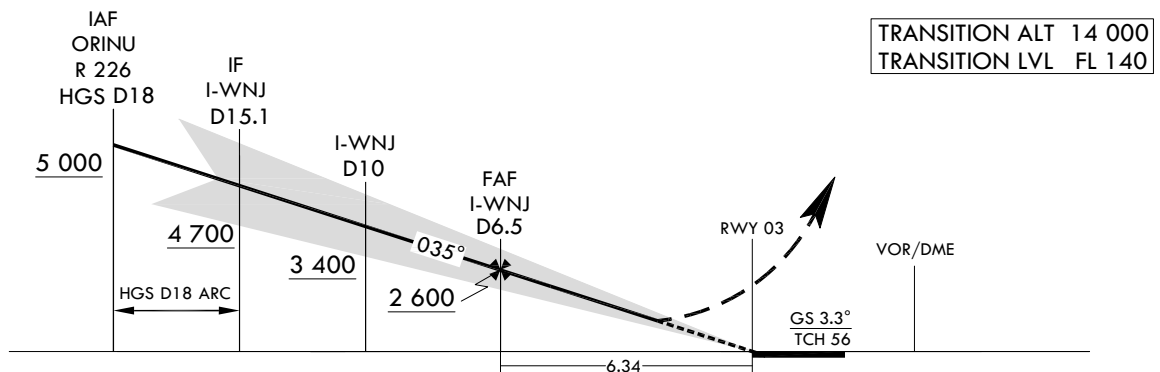


MISSED APPROACH

Climb to 6 000 ft via HDG 035° to I-WNJ D3 and left turn HDG 020° to intercept R 029 HGS, then R 029 HGS to HGS D10 and hold.



NOTE : Use I-WNJ DME when on the localizer course.



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

Change : Amended chart symbol.

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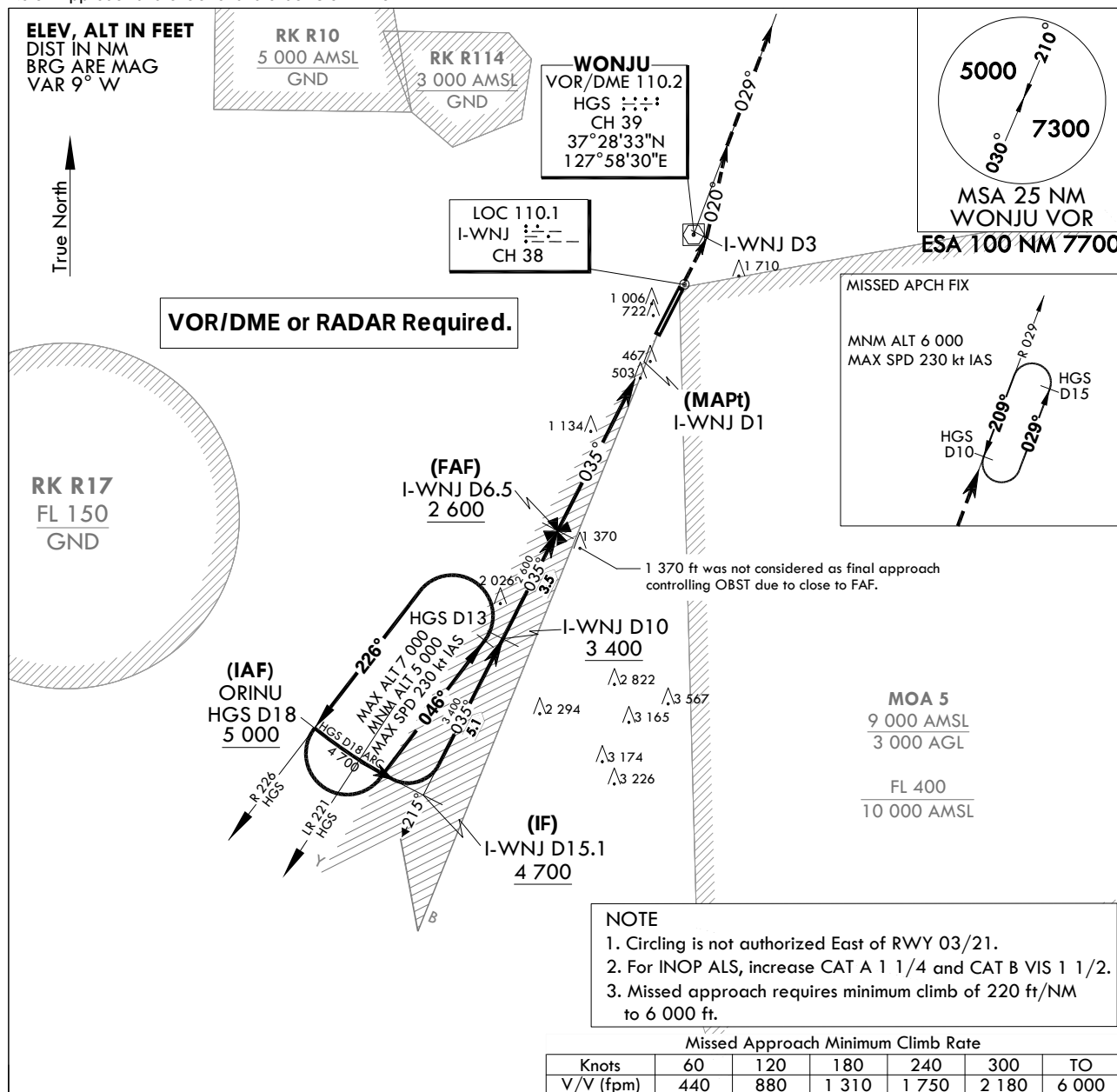
**INSTRUMENT
APPROACH
CHART**

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

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**



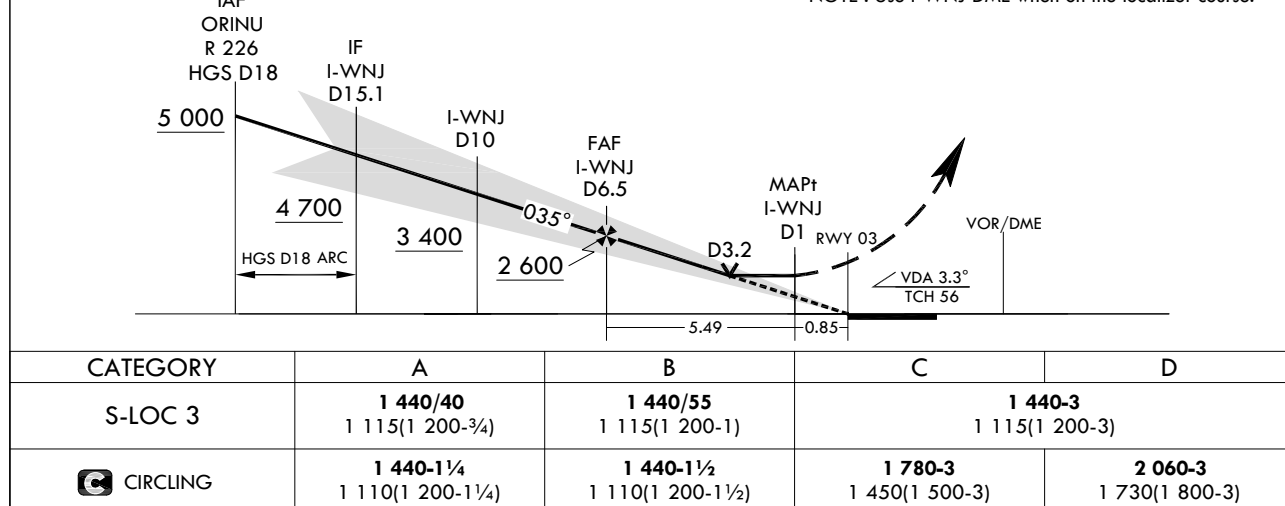
MISSED APPROACH

Climb to 6 000 ft via HDG 035° to I-WNJ D3 and left turn HDG 020° to intercept R 029 HGS, then R 029 HGS to HGS D10 and hold.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



NOTE : Use I-WNJ DME when on the localizer course.



Change : Amended chart symbol.

INTENTIONALLY

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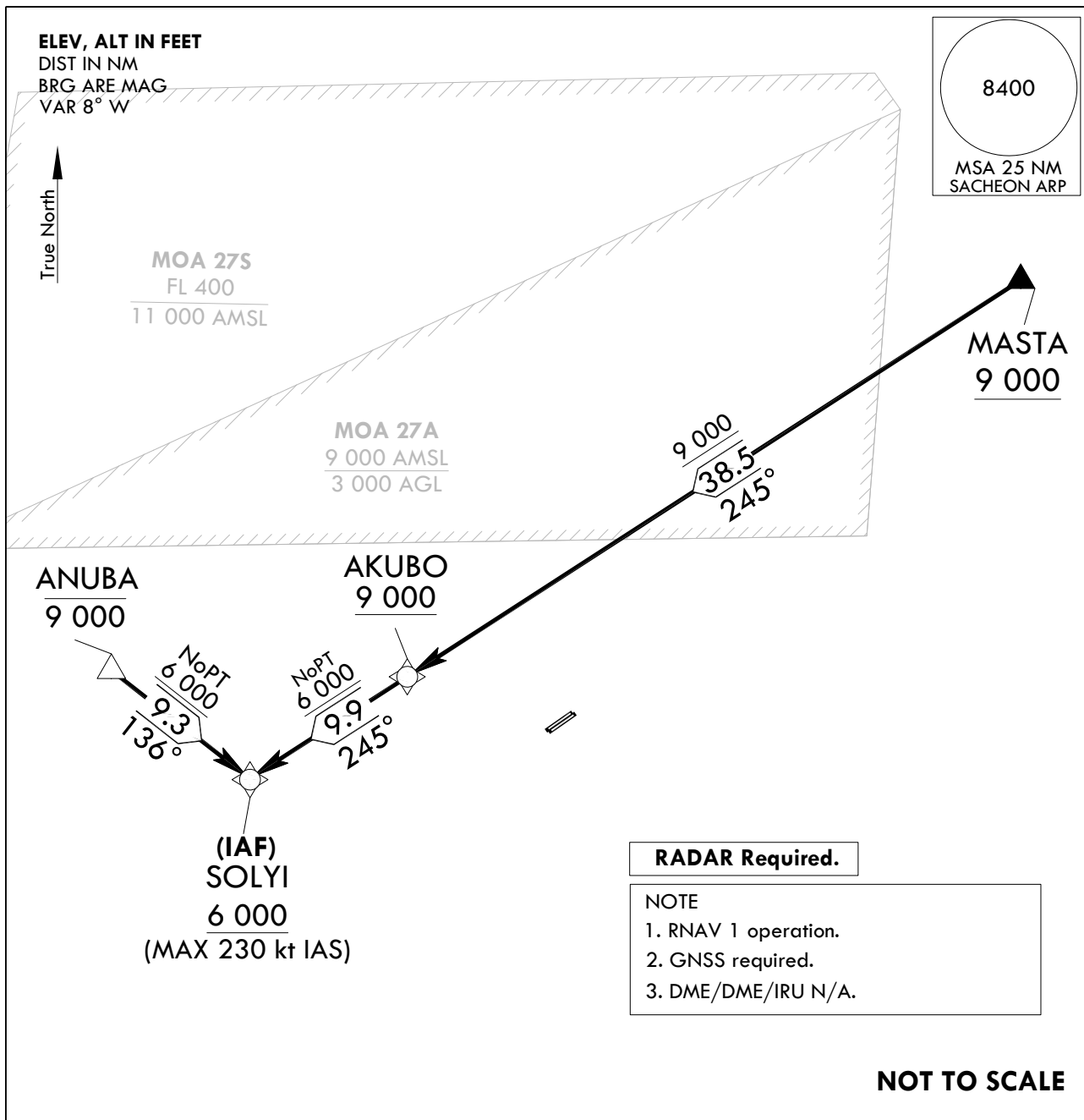
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SACHEON APP 135.4 344.7
SACHEON TWR 118.675 236.6
305.4

SACHEON/Sacheon(RKPS)
RWY 06L/R
RNAV SOLYI 1

Note : Arrival under U.S. TERPS.



ARRIVAL ROUTE DESCRIPTION

LANDING RWY 06L/R : Expect RNP approach following transition routes.

The following are transition routes.

ANUBA Transition : From ANUBA at or below 9 000 ft on track 136° to SOLYI at or above 6 000 ft.

MASTA Transition : From MASTA on track 245° to AKUBO at or above 9 000 ft, then track 245° to SOLYI
at or above 6 000 ft.

Change : Information of MASTA(reporting requirement) and SOLYI(IAF).

Standard Instrument Arrival Procedure Coding Tables

RNAV SOLYI 1 - MASTA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	MASTA	-	-	-	-	+9 000	-	35°28'47.0"N 128°33'39.6"E	-	RNAV 1	-
002	TF	AKUBO	-	245 (236.9)	38.5	-	+9 000	-	35°07'37.1"N 127°54'22.8"E	-	RNAV 1	-
003	TF	SOLYI	-	245 (236.5)	9.9	-	+6 000	-230	35°02'09.4"N 127°44'21.6"E	-	RNAV 1	IAF

RNAV SOLYI 1 - ANUBA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	ANUBA	-	-	-	-	-9 000	-	35°07'45.9"N 127°35'22.8"E	-	RNAV 1	-
002	TF	SOLYI	-	136 (127.2)	9.3	-	+6 000	-230	35°02'09.4"N 127°44'21.6"E	-	RNAV 1	IAF

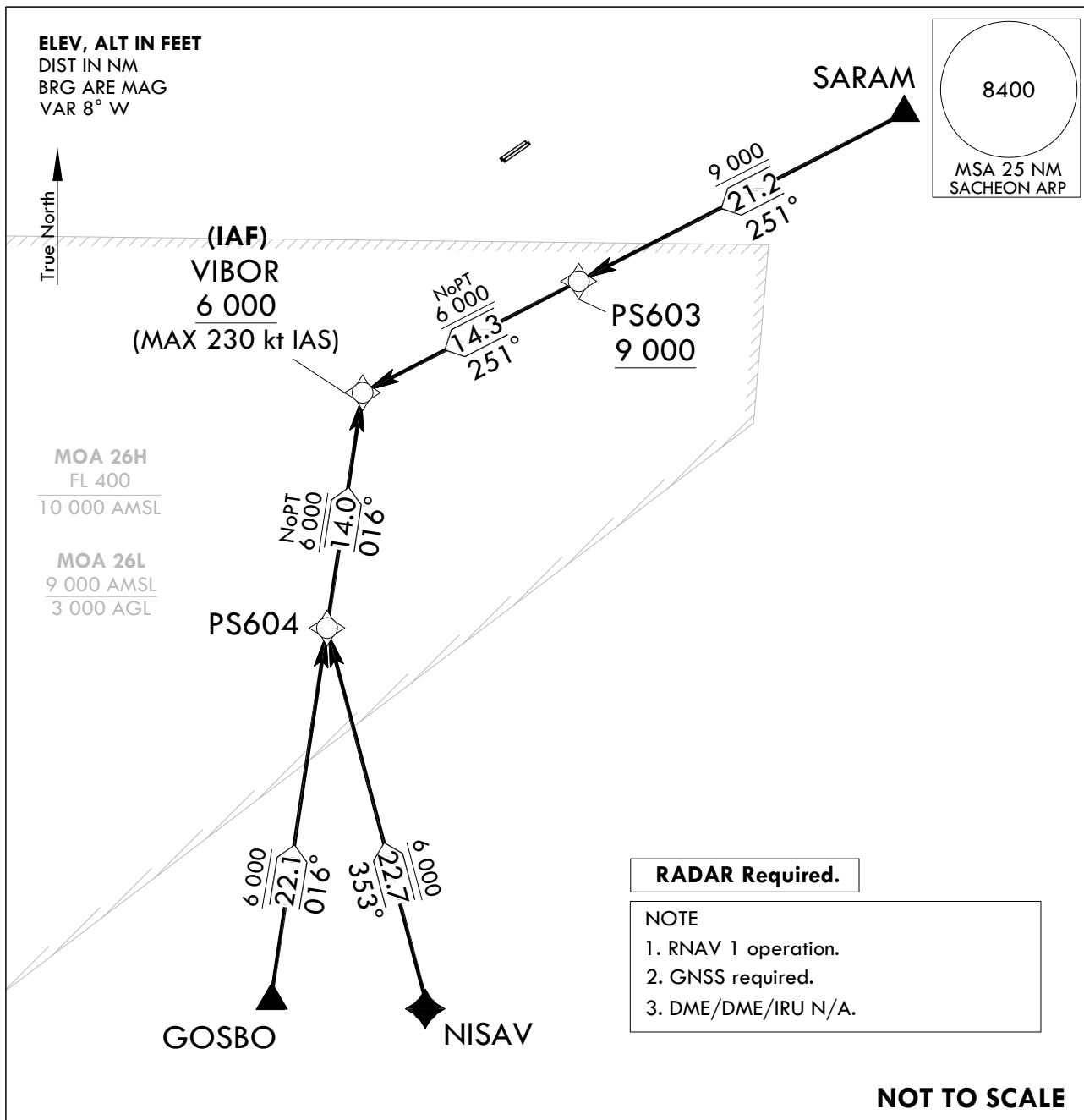
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SACHEON APP 135.4 344.7
SACHEON TWR 118.675 236.6
305.4

SACHEON/Sacheon(RKPS)
RWY 06L/R
RNAV VIBOR 1

Note : Arrival under U.S. TERPS.



ARRIVAL ROUTE DESCRIPTION

LANDING RWY 06L/R : Expect RNP approach following transition routes.

The following are transition routes.

SARAM Transition : From SARAM on track 251° to PS603 at or above 9 000 ft,
then track 251° to VIBOR at or above 6 000 ft.

GOSBO Transition : From GOSBO on track 016° to PS604 and track 016° to VIBOR at or above 6 000 ft.

NISAV Transition : From NISAV on track 353° to PS604 and track 016° to VIBOR at or above 6 000 ft.

Change : Information of SARAM, GOSBO, NISAV(reporting requirement) and VIBOR(IAF).

SACHEON/Sacheon(RKPS)
RWY 06L/R
RNAV VIBOR 1

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV VIBOR 1 - SARAM Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	SARAM	-	-	-	-	-	-	35°07'36.3"N 128°31'46.7"E	-	RNAV 1	-
002	TF	PS603	-	251 (242.5)	21.2	-	+9 000	-	34°57'46.5"N 128°08'57.1"E	-	RNAV 1	-
003	TF	VIBOR	-	251 (242.2)	14.3	-	+6 000	-230	34°51'06.1"N 127°53'36.3"E	-	RNAV 1	IAF

RNAV VIBOR 1 - GOSBO Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	GOSBO	-	-	-	-	-	-	34°15'16.8"N 127°47'34.4"E	-	RNAV 1	-
002	TF	PS604	-	016 (007.9)	22.1	-	+6 000	-	34°37'14.8"N 127°51'15.7"E	-	RNAV 1	-
003	TF	VIBOR	-	016 (007.9)	14.0	-	+6 000	-230	34°51'06.1"N 127°53'36.3"E	-	RNAV 1	IAF

RNAV VIBOR 1 - NISAV Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	NISAV	-	-	-	-	-	-	34°15'19.0"N 127°58'35.0"E	-	RNAV 1	-
002	TF	PS604	-	353 (344.6)	22.7	-	+6 000	-	34°37'14.8"N 127°51'15.7"E	-	RNAV 1	-
003	TF	VIBOR	-	016 (007.9)	14.0	-	+6 000	-230	34°51'06.1"N 127°53'36.3"E	-	RNAV 1	IAF

Change : Information of remarks for VIBOR.

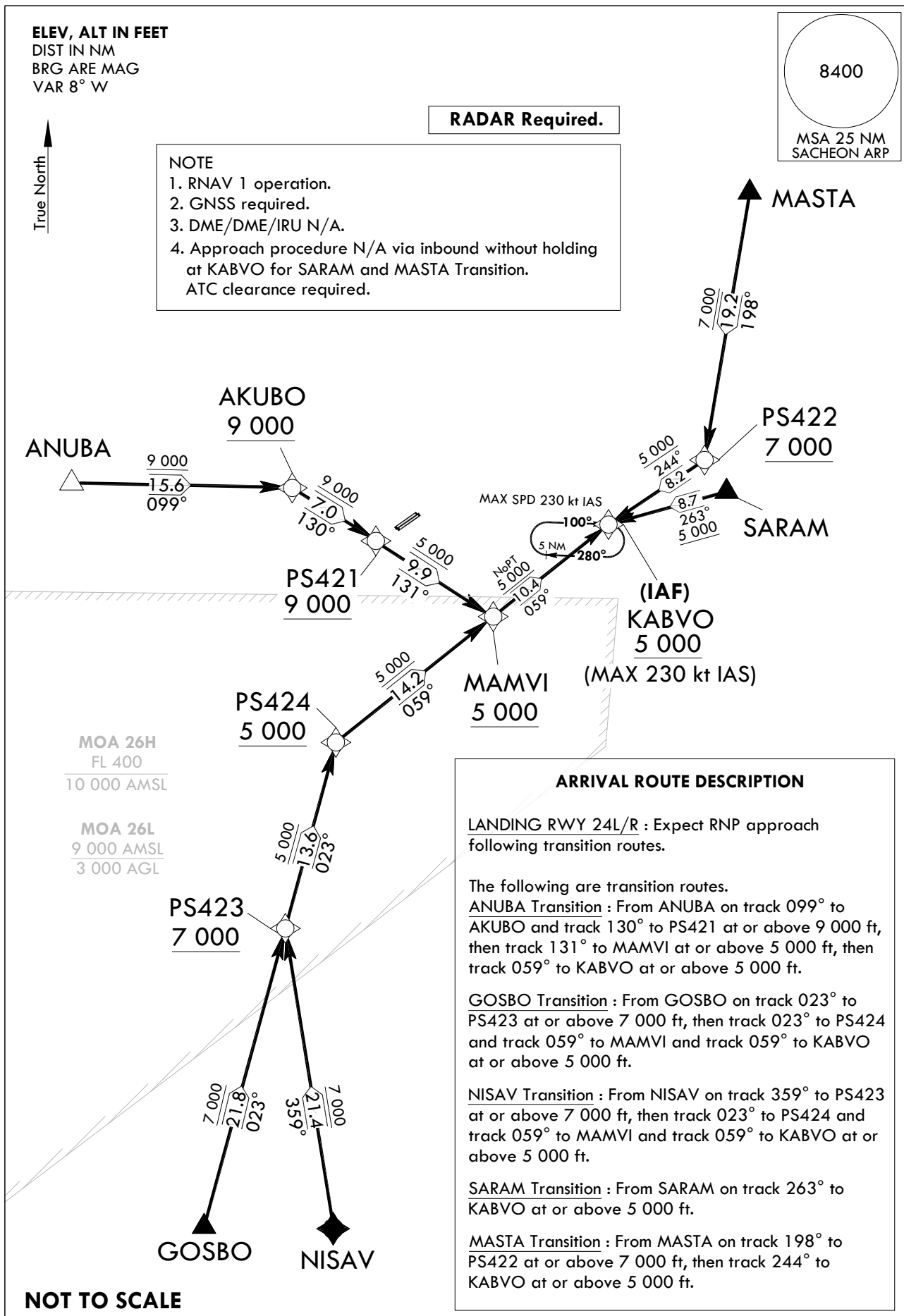
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SACHEON APP 135.4 344.7
SACHEON TWR 118.675 236.6
305.4

SACHEON/Sacheon(RKPS)
RWY 24L/R
RNAV KABVO 1

Note : Arrival under U.S. TERPS.



Change : Information of GOSBO, NISAV, SARAM, MASTA(reporting requirement) and KABVO(IAF).

SACHEON/Sacheon(RKPS)
RWY 24L/R
RNAV KABVO 1

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV KABVO 1 - ANUBA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	TF	ANUBA	-	-	-	-	-	-	35°07'45.9"N 127°35'22.8"E	-	RNAV 1	-
002	TF	AKUBO	-	099 (090.4)	15.6	-	+9 000	-	35°07'37.1"N 127°54'22.8"E	-	RNAV 1	-
003	TF	PS421	-	130 (121.7)	7.0	-	+9 000	-	35°03'56.2"N 128°01'37.7"E	-	RNAV 1	-
004	TF	MAMVI	-	131 (122.3)	9.9	-	+5 000	-	34°58'38.8"N 128°11'46.3"E	-	RNAV 1	-
005	TF	KABVO	-	059 (050.9)	10.4	-	+5 000	-230	35°05'13.6"N 128°21'37.6"E	-	RNAV 1	IAF

RNAV KABVO 1 - GOSBO Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	TF	GOSBO	-	-	-	-	-	-	34°15'16.8"N 127°47'34.4"E	-	RNAV 1	-
002	TF	PS423	-	023 (014.5)	21.8	-	+7 000	-	34°36'26.4"N 127°54'12.0"E	-	RNAV 1	-
003	TF	PS424	-	023 (014.6)	13.6	-	+5 000	-	34°49'38.7"N 127°58'21.9"E	-	RNAV 1	-
004	TF	MAMVI	-	059 (050.8)	14.2	-	+5 000	-	34°58'38.8"N 128°11'46.3"E	-	RNAV 1	-
005	TF	KABVO	-	059 (050.9)	10.4	-	+5 000	-230	35°05'13.6"N 128°21'37.6"E	-	RNAV 1	IAF

Change : Information of remarks for KABVO.

SACHEON/Sacheon(RKPS)
RWY 24L/R
RNAV KABVO 1

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV KABVO 1 - NISAV Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	NISAV	-	-	-	-	-	-	34°15'19.0"N 127°58'35.0"E	-	RNAV 1	-
002	TF	PS423	-	359 (350.3)	21.4	-	+7 000	-	34°36'26.4"N 127°54'12.0"E	-	RNAV 1	-
003	TF	PS424	-	023 (014.6)	13.6	-	+5 000	-	34°49'38.7"N 127°58'21.9"E	-	RNAV 1	-
004	TF	MAMVI	-	059 (050.8)	14.2	-	+5 000	-	34°58'38.8"N 128°11'46.3"E	-	RNAV 1	-
005	TF	KABVO	-	059 (050.9)	10.4	-	+5 000	-230	35°05'13.6"N 128°21'37.6"E	-	RNAV 1	IAF

RNAV KABVO 1 - SARAM Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	SARAM	-	-	-	-	-	-	35°07'36.3"N 128°31'46.7"E	-	RNAV 1	-
002	TF	KABVO	-	263 (254.1)	8.7	-	+5 000	-230	35°05'13.6"N 128°21'37.6"E	-	RNAV 1	IAF

RNAV KABVO 1 - MASTA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	MASTA	-	-	-	-	-	-	35°28'47.0"N 128°33'39.6"E	-	RNAV 1	-
002	TF	PS422	-	198 (189.3)	19.2	-	+7 000	-	35°09'49.7"N 128°29'52.1"E	-	RNAV 1	-
003	TF	KABVO	-	244 (235.8)	8.2	-	+5 000	-230	35°05'13.6"N 128°21'37.6"E	-	RNAV 1	IAF

Change : Information of remarks for KABVO.

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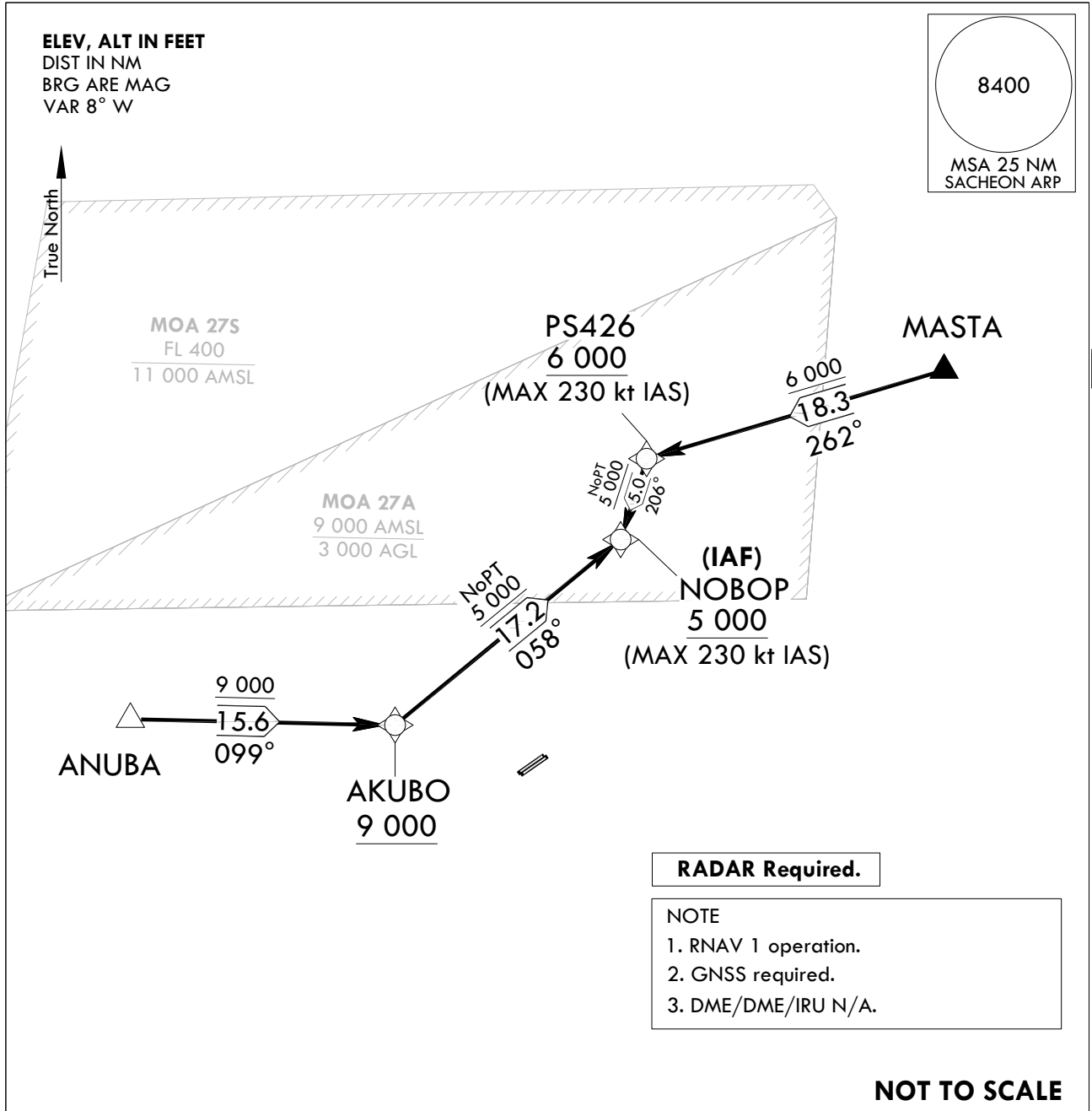
**STANDARD ARRIVAL CHART
INSTRUMENT(STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SACHEON APP 135.4 344.7
SACHEON TWR 118.675 236.6
305.4

SACHEON/Sacheon(RKPS)
RWY 24L/R
RNAV NOBOP 1

Note : Arrival under U.S. TERPS.



ARRIVAL ROUTE DESCRIPTION

LANDING RWY 24L/R : Expect RNP approach following transition routes.

The following are transition routes.

ANUBA Transition : From ANUBA on track 099° to AKUBO at or above 9 000 ft, then track 058° to NOBOP at or above 5 000 ft.

MASTA Transition : From MASTA on track 262° to PS426 at or above 6 000 ft, then track 206° to NOBOP at or above 5 000 ft.

Change : Information of MASTA(reporting requirement) and NOBOP(IAF).

SACHEON/Sacheon(RKPS)
RWY 24L/R
RNAV NOBOP 1

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV NOBOP 1 - ANUBA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	TF	ANUBA	-	-	-	-	-	-	35°07'45.9"N 127°35'22.8"E	-	RNAV 1	-
002	TF	AKUBO	-	099 (090.4)	15.6	-	+9 000	-	35°07'37.1"N 127°54'22.8"E	-	RNAV 1	-
003	TF	NOBOP	-	058 (050.0)	17.2	-	+5 000	-230	35°18'40.4"N 128°10'27.3"E	-	RNAV 1	IAF

RNAV NOBOP 1 - MASTA Transition

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	TF	MASTA	-	-	-	-	-	-	35°28'47.0"N 128°33'39.6"E	-	RNAV 1	-
002	TF	PS426	-	262 (253.2)	18.3	-	+6 000	-230	35°23'27.3"N 128°12'16.3"E	-	RNAV 1	-
003	TF	NOBOP	-	206 (197.3)	5.0	-	+5 000	-230	35°18'40.4"N 128°10'27.3"E	-	RNAV 1	IAF

Change : Information of remarks for NOBOP.

RKPU AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RKPU - ULSAN / Ulsan Domestic

RKPU AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	353536N 1292108E 181° / 1 020 m from THR 18
2	Direction and distance from city	039°, 7 km from Ulsan City Hall
3	Elevation/Reference temperature	13 m / 31 °C
4	Geoid undulation at AD ELEV PSN	30 m
5	MAG VAR/Annual change	9° W (2025) / 0.041° increasing
6	Aerodrome Operator, Address, Telephone, Telefax, AFS	Korea Airports Corporation(Ulsan Airport) 1103, Saneop-ro, Buk-gu, Ulsan, 44238, Republic of Korea TEL : +82-52-219-6382, 6338~9 Telefax : +82-52-219-6300, 6388
7	Type of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	NIL

RKPU AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	2100-1300 UTC
2	Customs and Immigration	NIL
3	Health and Sanitation	NIL
4	AIS Briefing Office	2250-1150 UTC
5	ATS Reporting Office	2250-1150 UTC
6	MET Briefing Office	H24
7	ATS	2220-1150 UTC
8	Fuelling	NIL
9	Handling	HO
10	Security	HO
11	De-icing	HO
12	Remarks	Outside these hours services are available under the pre-coordination (Only passenger flight) Operating hours may vary in accordance with summer and winter flight schedules. Refer to AD 2.3, AD 2.17 and AD 2.18 for details.

RKPU AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Conveyor belt, various vehicles and equipment
2	Fuel/oil type	NIL
3	Fuelling facilities/capacity	NIL
4	De-icing facilities	Available. See AD chart for location (ACFT stand NR. 1).
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

Change : Information of remarks for operational hours.

RKPU AD 2.5 PASSENGER FACILITIES

1	Hotels	In Ulsan city
2	Restaurants	60 Seats, light food services available at AD
3	Transportation	Buses, Taxis and rental cars available at AD
4	Medical Facilities	Ambulance services available Hospitals in Ulsan city
5	Bank and Post Office	Bank and Post office available in the vicinity of AD
6	Tourist Office	Available at AD
7	Remarks	http://www.airport.co.kr/mbs/ulsan/

RKPU AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	CAT 7
2	Rescue equipment	- 2 Chemical fire fighting trucks - 1 Ambulance car - Water : 22 000 L - AFFF : 3 200 L - Dry chemical : 500 kg
3	Capability for removal of disabled aircraft	Specialized aircraft recovery equipment available for up to and including B737-900 size aircraft. The usable equipment list which is 50 ton hydraulic recovery jack, 50 ton crane and other accessory equipment can be provided by airlines. Korea Airports Corporation is the co-ordinator for the removal of disabled aircraft and can be reached at Airport Duty manager. (TEL : +82-52-219-6312)
4	Remarks	NIL

RKPU AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	a. 1 Compact runway jet sweeper (working width : about 5.6 m) b. 1 Multi purpose snowplough (working width : about 3.2 m) c. 1 Thawing material spreader d. 1 De-icing cart
2	Clearance priorities	1. RWY 18/36, TWY B and Apron (ACFT stands NR. 1, 2, 3) 2. TWY A and Apron (ACFT stand NR. 4)
3	Remarks	NIL

RKPU AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Designation, Apron surface and strength	a. Surface : Asphalt b. Strength : PCR 377/F/A/X/T
2	Designation, Taxiway width, surface and strength	a. Width : 30 m b. Surface : Asphalt c. Strength - "A" : PCR 377/F/A/X/T - "B" : PCR 377/F/A/X/T
3	Altimeter checkpoint location and elevation	Location : At apron Elevation : 9 m
4	VOR checkpoints	NIL
5	INS checkpoint	See AD chart
6	Remarks	NIL

RKPU AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OPS	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
LOC 36 (9° W/2025) ILS CAT I (9° W or 351°)	IULS	110.3 MHz	H24	353616.3N 1292102.9E		LOC unusable : Beyond 13 NM from LOC due to RK P61B
GP 36	-	335 MHz	H24	353513.8N 1292112.1E		Scheduled Inspection time : Every 2nd WED(1400-2000 UTC) of the month
DME 36	IULS	1001 MHz (CH 40X)	H24	353513.8N 1292112.1E	30 m	
TVOR/DME (9° W/2025)	USN	111.4 MHz (CH 51X)	H24	353554.6N 1292111.8E	30 m	Scheduled Inspection time : Every 3rd WED(1400-2000 UTC) of the month
VORTAC (9° W/2025)	KPO	112.5 MHz (CH 72X)	H24	355837.9N 1292828.3E	800 ft	Unusable and scheduled inspection time : See ENR 4.1 for the details
VOR unusable RDL 301-340 beyond 20 DME below 8 000 ft RDL 261-300 beyond 12 DME below 9 000 ft RDL 201-260 beyond 18 DME below 7 000 ft RDL 151-160 beyond 19 DME below 6 000 ft RDL 021-150 beyond 20 DME below 10 000 ft RDL 000-020 beyond 22 DME below 7 000 ft DME unusable RDL 301-340 beyond 16 DME below 9 000 ft RDL 261-300 beyond 12 DME below 9 000 ft RDL 201-260 beyond 16 DME below 7 000 ft RDL 151-160 beyond 16 DME below 6 000 ft RDL 021-150 beyond 10 DME below 15 000 ft RDL 000-020 beyond 13 DME below 11 000 ft RADAR(ASR/SSR) Scheduled Inspection time : Every 3rd WED (1400-2000 UTC) of the month						

RKPU AD 2.20 LOCAL AERODROME REGULATIONS

1. Airport Regulations
 - 1.1 Regardless of the GRF, aircraft operation is restricted when the surface friction is measured below 0.30 due to an insufficient runway strip(See AD chart).
 - 1.2 All aircraft requiring parking on the aircraft stand must request prior permission,
TEL : +82-52-219-6330(Korea Airports Corporation).
This does not apply to locally based aircraft and scheduled services.
 - 1.3 Pilots of departing IFR aircraft can request ATC clearance up to 10 minutes before ETD or push-back. Departing aircraft on first contact with ULSAN GROUND must state aircraft identification, destination, proposed altitude, stand number and the code letter of the latest ATIS received.
 - 1.4 Pre-departure clearance by datalink is available at Ulsan Airport for suitably equipped aircraft.
 - 1.5 All aircraft contact ULSAN TWR prior to entering class D airspace(Refer to ENR 2.1-9).
2. Ground Movement
 - 2.1 Visiting General Aviation aircraft will be directed by ATC to taxi to aircraft stand then follow the marshaller's instruction for parking.

Change : Information of airport regulations.

- 2.2 Aircraft shall maintain idle thrust in the apron. In case of using breakaway thrust, aircraft shall maintain minimum breakaway thrust.
- 2.3 Radio Frequency Change Procedure
- 2.3.1 Arrival aircraft shall change radio frequency from ULSAN TOWER(118.75 MHz) to ULSAN GROUND(121.75 MHz) when vacating Runway.
- 2.3.2 Departure aircraft shall change radio frequency from ULSAN GROUND(121.75 MHz) to ULSAN TOWER(118.75 MHz) when start taxiing in the apron.
3. Warning
- 3.1 Single-engine aircraft shall exercise caution when overflying the chemical complexes south of the aerodrome(Onsan National Industrial Complex and Mipo National Industrial Complex). Refer to AD 2.22 VFR Traffic Circuits.
- 3.2 Numerous flare stacks are located within these complexes.
- 3.3 Caution large concentrations of birds maybe on and in the vicinity of the aerodrome.
- 3.4 Grass cutting may take place on a daily basis between June and October inclusive within the strip enclosing Runway 18/36 and the equipment is under ATC control. Circuit flying may be restricted at certain times to permit grass cutting in the areas immediately adjacent to the runway.
- 3.5 High-rise buildings(700 ft AMSL) are sited approximately 2.8 NM southwest of the aerodrome, in the fixed-wing VFR Traffic Circuit(See AD 2-12 VFR Traffic Circuits). Pilots are advised to exercise extreme caution when flying in the visual circuit.
- 3.6 OBST(mountainous terrain) rising to 767 m (2 517 ft AMSL) 2.3 NM North of "N" VFR Reporting point (See AD 2-12 VFR Traffic Circuits).
- 3.7 OBST(mountainous terrain) rising to 447 m (1 465 ft AMSL) between "N" and "W" VFR Reporting point (See AD 2-12 VFR Traffic Circuits).
- 3.8 OBST(mountainous terrain) rising to 600 m (1 969 ft AMSL) 2.1 NM West of "S" VFR Reporting point (See AD 2-12 VFR Traffic Circuits).
4. Training Flights
- 4.1 Training flights may only take place by prior arrangement with ATC(TEL : +82-52-289-4740).
- 4.2 ATC must be advised of any changes and cancellations of the flight plan.
- 4.3 The number of aircraft in the visual circuit will be determined by ATC, subject to the prevailing weather and traffic conditions.
- 4.4 Training may be curtailed if significant noise complaints are received.
- 4.5 Training flights will not be given priority over essential aerodrome maintenance work.
- 4.6 Simulated engine failures are not permitted.

RKPU AD 2.21 NOISE ABATEMENT PROCEDURES

1. Aircraft Operating Procedures(Except helicopter)
- 1.1 Take off
- 1.1.1 NADP 1(RWY 18, RWY 36)

All departing aircraft should apply ICAO PANS-OPS(Doc 8168) Volume III Noise Abatement Departure Procedures One (NADP ONE).

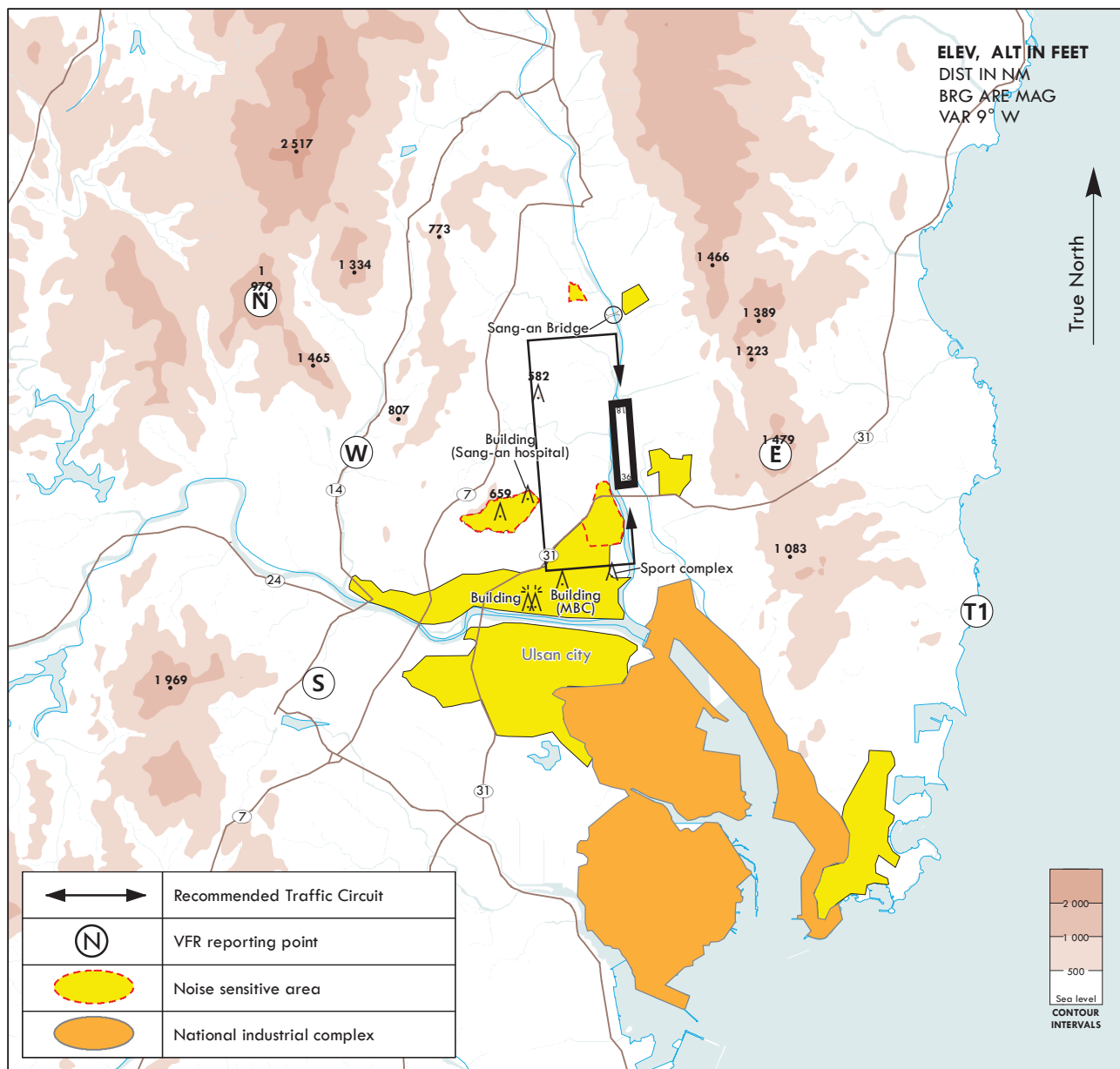
- a. Take-off to 800 ft AGL
- Take-off power
 - Take-off flaps/slats setting
 - Initial climb speed is not less than $V_2 + 10$ kt
- b. At 800 ft AGL
- Reduce power/thrust to Not less than climb power
- c. 800 ft AGL to 3 000 ft AGL
- Maintain with flaps/slats in the take-off configuration
 - Climb at $V_2 + 10$ to 20 kt

Change : Information of warning.

3. Radio communication failure procedure
- 3.1 In VMCs
 1. Squawk 7600.
 2. Continue to fly in VMC.
 3. Land at nearest suitable aerodrome.
- 3.1.1 Procedure for VFR flights
 1. Squawk 7600.
 2. Proceed to and hold over west downwind for RWY 18/36, west bound; and
 3. When able to see light gun signal from control tower, follow that instruction; or
 4. When unable to see light gun signal from control tower, hold over downwind for RWY 18/36 until ETA or for 10 MIN, whichever is longer; then
 5. Land on RWY 18/36 in use as appropriate.

* Pilot shall use caution traffic landing and take-off from/to runway.
- 3.2 In IMCs or when conditions are such that it does not appear likely that the pilot will complete the flight in accordance with 3.1.;
- 3.2.1 DEPARTURE AIRCRAFT
 1. Squawk 7600.
 2. Maintain the last assigned speed and level, or minimum flight altitude if higher, for a period of 7 min following;
 - a. The time the transponder is set to Code 7600; or
 - b. The time the last assigned level or minimum flight altitude is reached;
whichever is later and thereafter adjust level and speed in accordance with the filed flight plan;
 3. When being vectored or having been directed by ATC, proceed in the most direct manner possible to rejoin the current flight plan route no later than the next significant point, taking into consideration the applicable minimum flight altitude.;
- 3.2.2 ARRIVAL AIRCRAFT
 1. Squawk 7600.
 2. Follow the STAR issued by ATC. When being vectored or having been directed by ATC, proceed in the most direct manner possible to join the STAR no later than the next significant point. then commence descent as filed.
 3. Start approach to the assigned runway without delay.
 4. If no specific runway for landing has been assigned, start approach to RWY 36 without delay.

VFR Traffic Circuits - Ulsan



Note

1. All VFR flight operation within ULSAN control zone shall maintain two way communication with ULSAN TWR.
2. Pilots are encouraged to use the recommended VFR traffic circuit for traffic flow, noise abatement, obstacle avoidance. However, helicopter should fly within 0.7 NM from RWY at 1 000 ft AMSL.
3. The use of the recommended VFR traffic circuit does not alter the responsibility of each pilot to see and avoid other aircraft, obstacle.

VFR Traffic Circuit Altitude

Category	A	B	C	D
Altitude	1 500 ft AMSL		N/A	

Reporting Point	Geographical Name	Position	Coordinates	Altitude(AMSL)
N	Guksubong(Mt.) (국수봉)	5.8 NM NW of Ulsan R 296 USN/D5.7	353746N 1291434E	At or above 3 000 ft
W	Ulsan Wild Flower Learnig Center (울산들꽃학습원)	4.0 NM W of Ulsan R 272 USN/D4.0	353531N 1291617E	At or above 2 000 ft
S	Ulsan Munsu Football Staduim (울산문수축구경기장)	5.7 NM SW of Ulsan R 238 USN/D6.0	353207N 1291534E	At or above 2 500 ft
E	Muryongsan (무룡산)	2.2 NM E of Ulsan R110 USN/D2.2	353527N 1292351E	At or above 3 000 ft
T1	Jujeon Mongdol (주전몽돌)	5.8 NM SE of Ulsan R 118 USN/D5.8	353306N 1292728E	At 2 500 ft

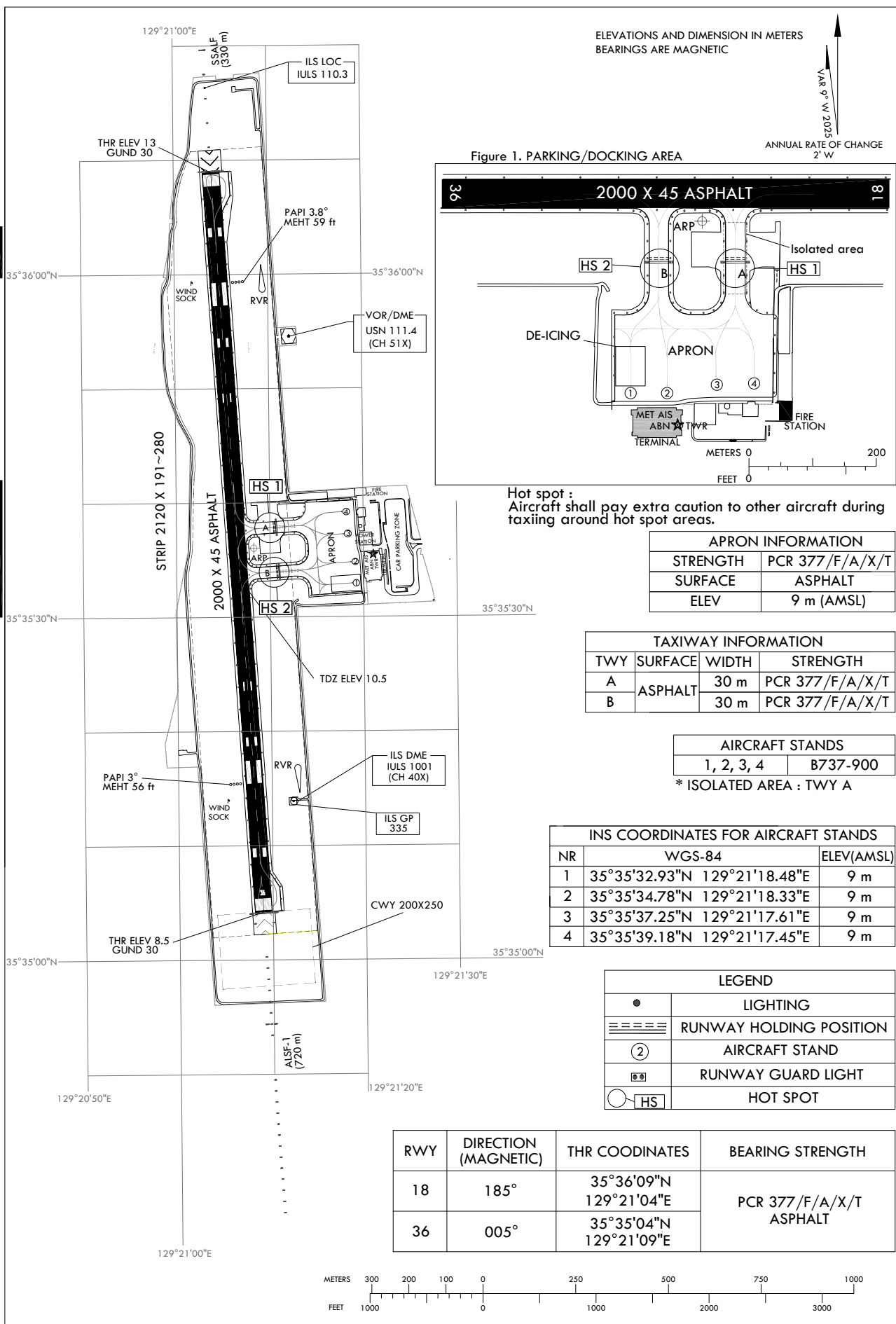
Change : Establishment of national industrial complex.

AERODROME
CHART - ICAO35°35'36"N
129°21'08"E

ELEV 13 m / 42 ft

TWR 118.75
GND 121.75

ULSAN / Ulsan



Change : Information of hot spot.

INTENTIONALLY

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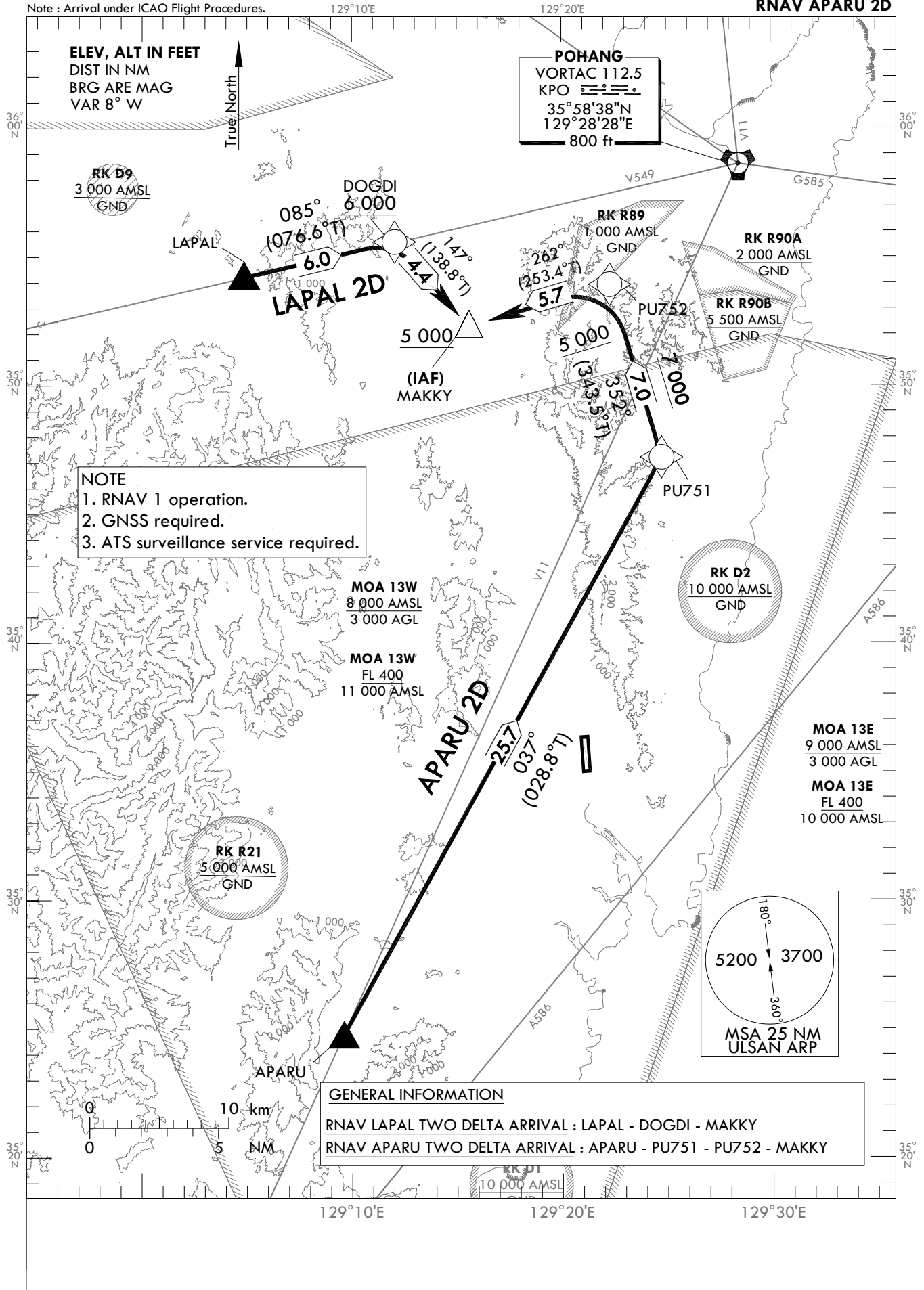
STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

POHANG APP 124.25
120.2
ULSAN TWR 118.75

ULSAN/Ulsan(RKPU)
RWY 18
RNAV LAPAL 2D
RNAV APARU 2D

Note : Arrival under ICAO Flight Procedures.



Change : Information of LAPAL and APARU(reporting requirement).

ULSAN/Ulsan(RKPU)
RWY 18
RNAV LAPAL 2D, RNAV APARU 2D

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV LAPAL 2D

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	LAPAL	-	-	-	-	-	-	35°54'12.6"N 129°04'52.0"E	-	RNAV 1	-
002	TF	DOGDI	-	085(076.6)	6.0	-	+6 000	-	35°55'36.2"N 129°12'03.2"E	-	RNAV 1	-
003	TF	MAKKY	-	147(138.8)	4.4	-	+5 000	-	35°52'18.8"N 129°15'35.8"E	-	RNAV 1	IAF

RNAV APARU 2D

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	APARU	-	-	-	-	-	-	35°24'42.1"N 129°09'32.1"E	-	RNAV 1	-
002	TF	PU751	-	037(028.8)	25.7	-	-	-	35°47'13.4"N 129°24'46.2"E	-	RNAV 1	-
003	TF	PU752	-	352(343.5)	7.0	-	+7 000	-	35°53'56.6"N 129°22'19.1"E	-	RNAV 1	-
004	TF	MAKKY	-	262(253.4)	5.7	-	+5 000	-	35°52'18.8"N 129°15'35.8"E	-	RNAV 1	IAF

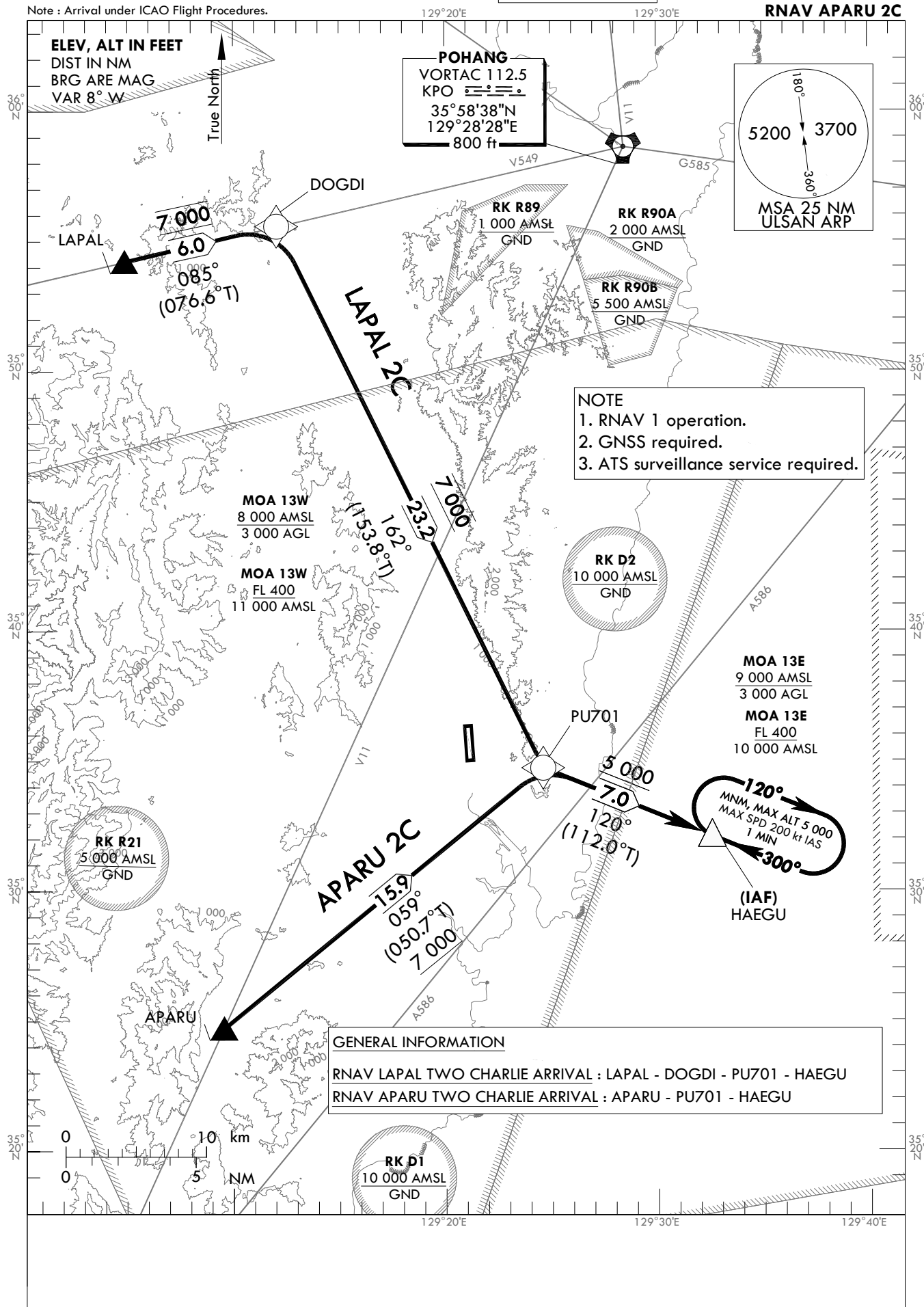
STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

POHANG APP 124.25
120.2
ULSAN TWR 118.75

ULSAN/Ulsan(RKPU)
RWY 36
RNAV LAPAL 2C
RNAV APARU 2C

Note : Arrival under ICAO Flight Procedures.



Change : Information of LAPAL and APARU(reporting requirement).

ULSAN/Ulsan(RKPU)

RWY 36

RNAV LAPAL 2C, RNAV APARU 2C

HOLDING PROCEDURE

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV LAPAL 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	LAPAL	-	-	-	-	-	-	35°54'12.6"N 129°04'52.0"E	-	RNAV 1	-
002	TF	DOGDI	-	085(076.6)	6.0	-	@7 000	-	35°55'36.2"N 129°12'03.2"E	-	RNAV 1	-
003	TF	PU701	-	162(153.8)	23.2	-	@7 000	-	35°34'44.8"N 129°24'35.3"E	-	RNAV 1	-
004	TF	HAEGU	-	120(112.0)	7.0	-	+5 000	-	35°32'06.7"N 129°32'32.3"E	-	RNAV 1	IAF

RNAV APARU 2C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	APARU	-	-	-	-	-	-	35°24'42.1"N 129°09'32.1"E	-	RNAV 1	-
002	TF	PU701	-	059(050.7)	15.9	-	+7 000	-	35°34'44.8"N 129°24'35.3"E	-	RNAV 1	-
003	TF	HAEGU	-	120(112.0)	7.0	-	+5 000	-	35°32'06.7"N 129°32'32.3"E	-	RNAV 1	IAF

HOLDING PROCEDURE

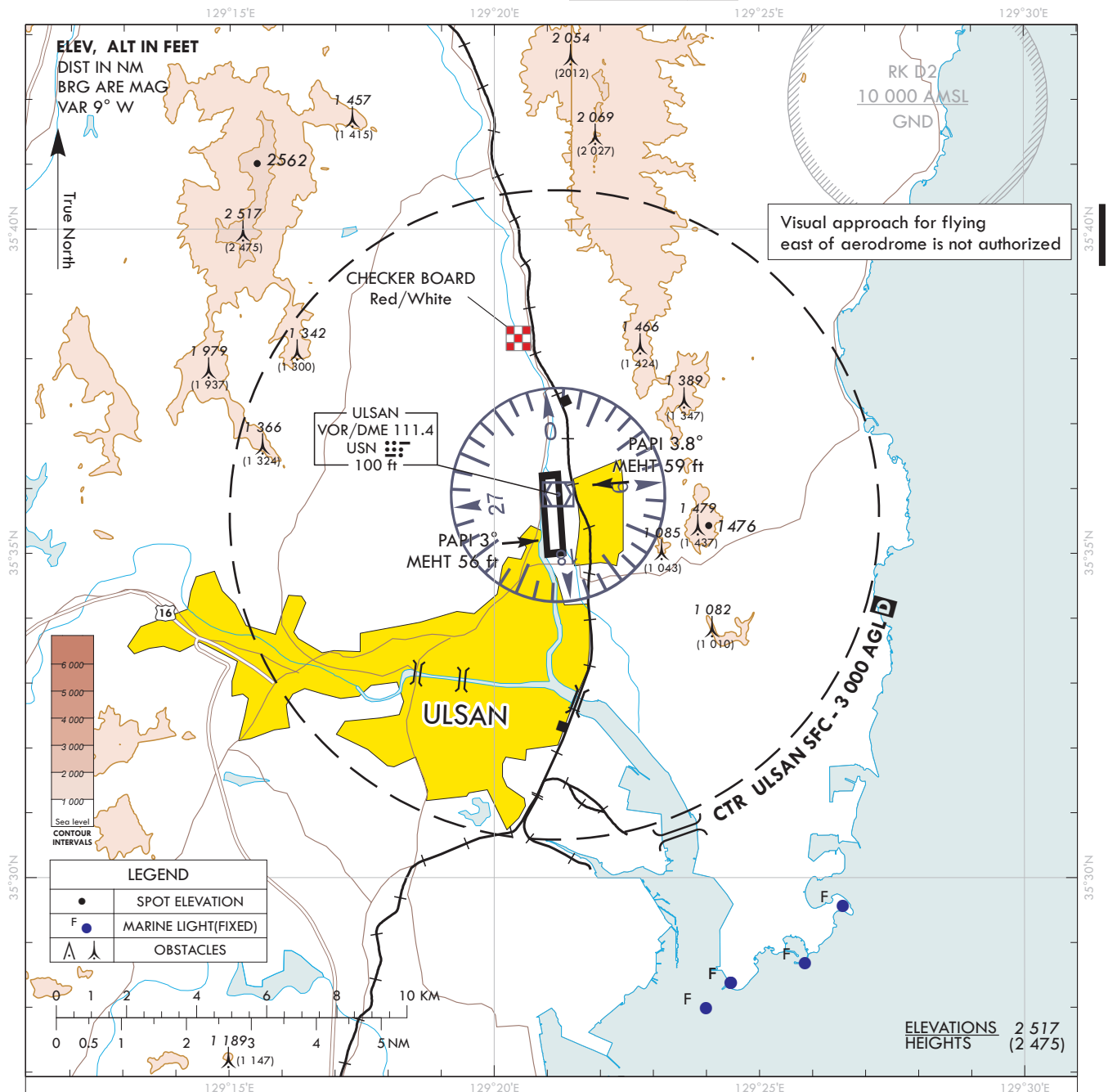
Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNAV LAPAL 2C	HM	HAEGU	Y	300 (292.1)	1.0	R	@5 000	-200	35°32'06.7"N 129°32'32.3"E	-	RNAV 1	-
RNAV APARU 2C	HM	HAEGU	Y	300 (292.1)	1.0	R	@5 000	-200	35°32'06.7"N 129°32'32.3"E	-	RNAV 1	-

**VISUAL
APPROACH
CHART - ICAO**

AD ELEV 42 ft
HEIGHTS RELATED
TO AD ELEV

POHANG	APP	124.25
		120.2
ULSAN	TWR	118.75

ULSAN/Ulsan



ATS Airspace Classifications

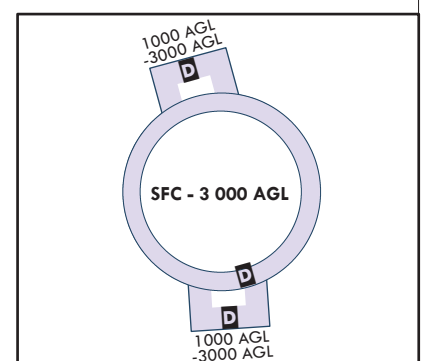
1. Class D : Radius of Ulsan Airport ARP (353536N 1292108E)

a. Vertical limits

- Within 5 NM (GND - 3 000 ft AGL)
- Including areas which are extended northbound from
353936N 1291725E - 354153N 1291639E - 354256N 1292124E
- 354032N 1292212E, and southbound from
353054N 1291903E - 352829N 1291915E - 352845N 1292408E
- 353110N 1292356E(1 000 ft AGL - 3 000 ft AGL)

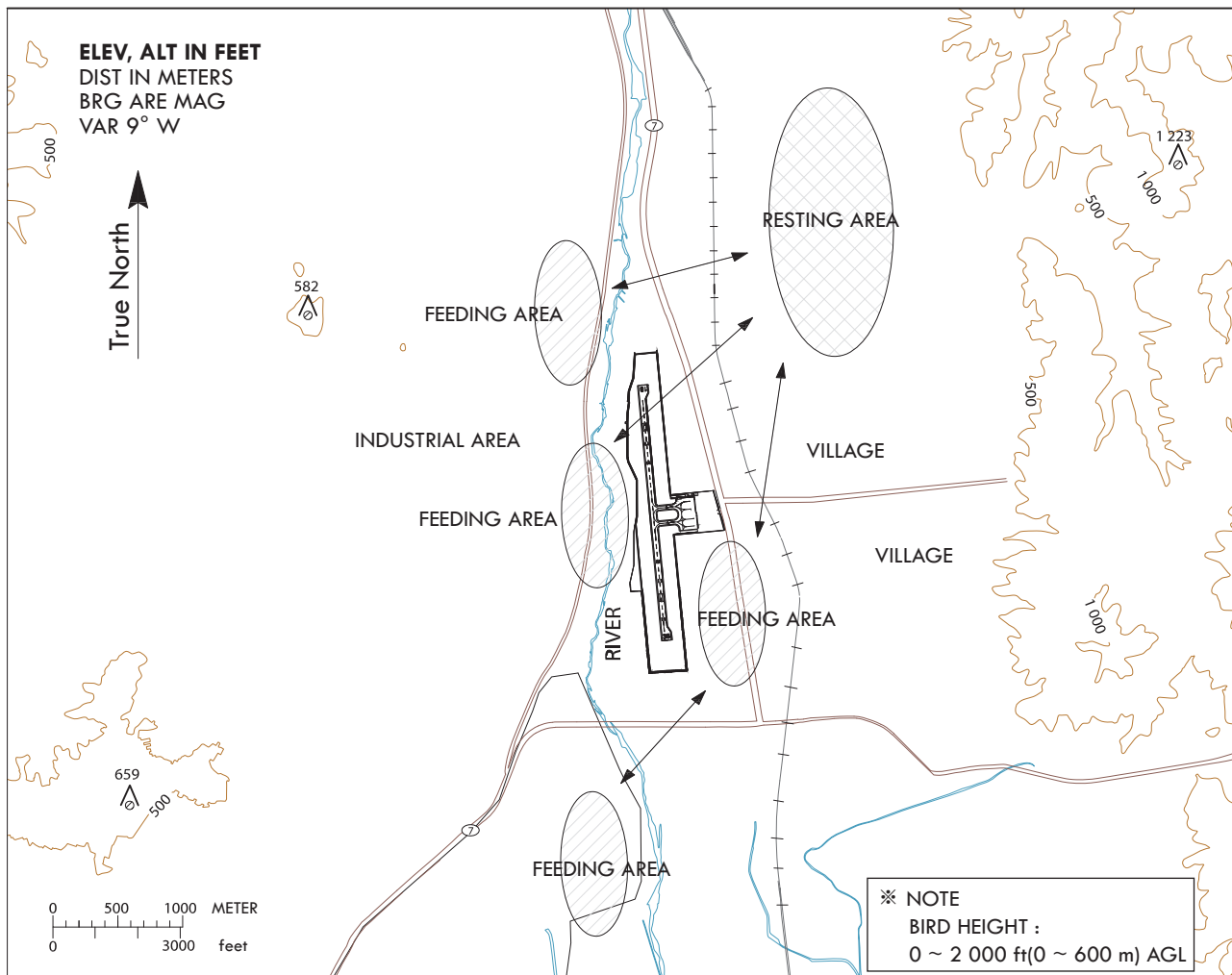
b. Speed limits

- 250 kt IAS or less below 10 000 ft AMSL
- 200 kt IAS or less at or below 2 500 ft AMSL within 4 NM of the airport



Change : Establishment of note and Information of ATS airspace classifications.

BIRD CONCENTRATION - ULSAN AIPORT



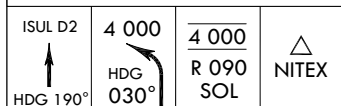
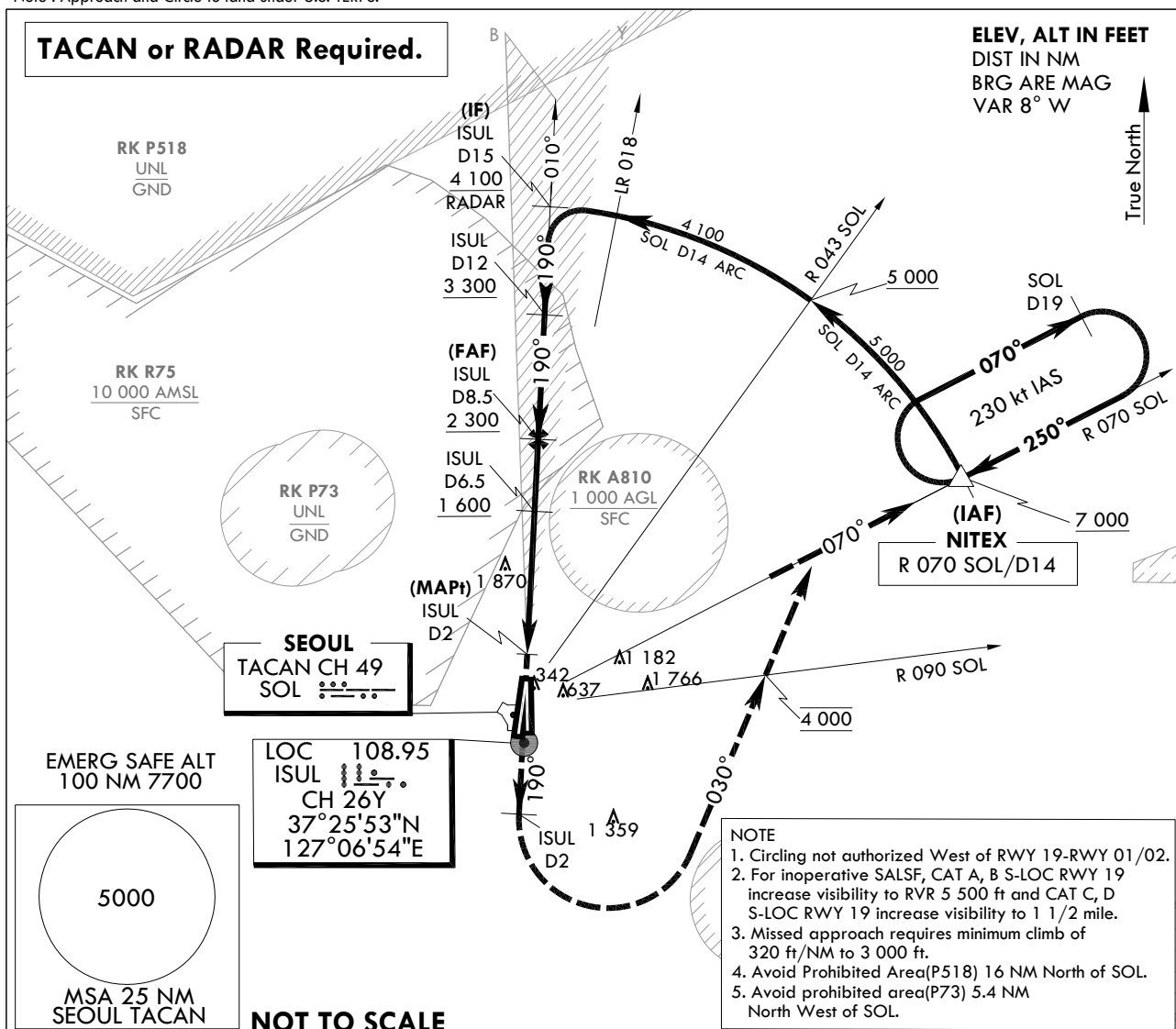
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **68 ft**

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
LOC/DME Z
RWY 19

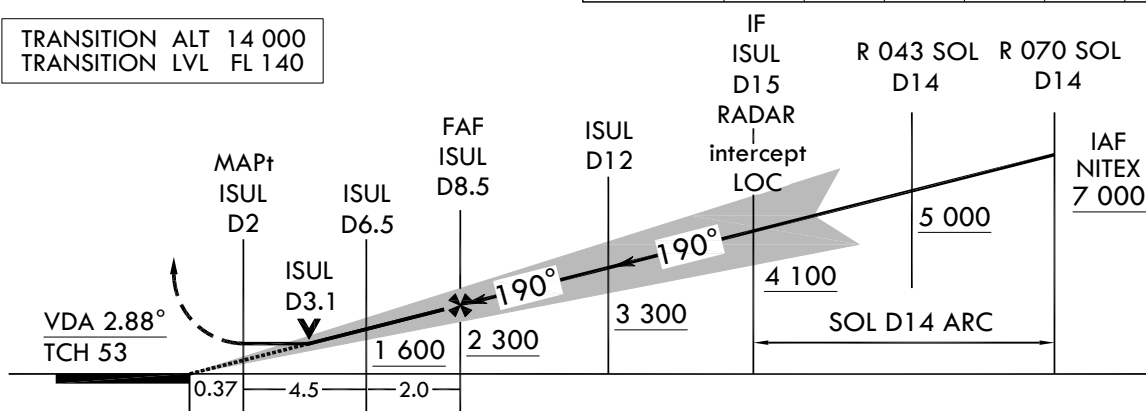
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	320	640	960	1 280	1 590	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-LOC RWY 19	600 / 40 528 (600 - 3/4)		600 - 1 1/4 528 (600 - 1 1/4)		N/A
Circling	1 020 - 1 1/4 927 (1 000 - 1 1/4)		1 560 - 3 1 467 (1 500 - 3)	2 260 - 3 2 167 (2 200 - 3)	N/A

MISSSED APPROACH

Climb HDG 190° to ISUL 2 DME and climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, then R 070 SOL to NITEX and hold, continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

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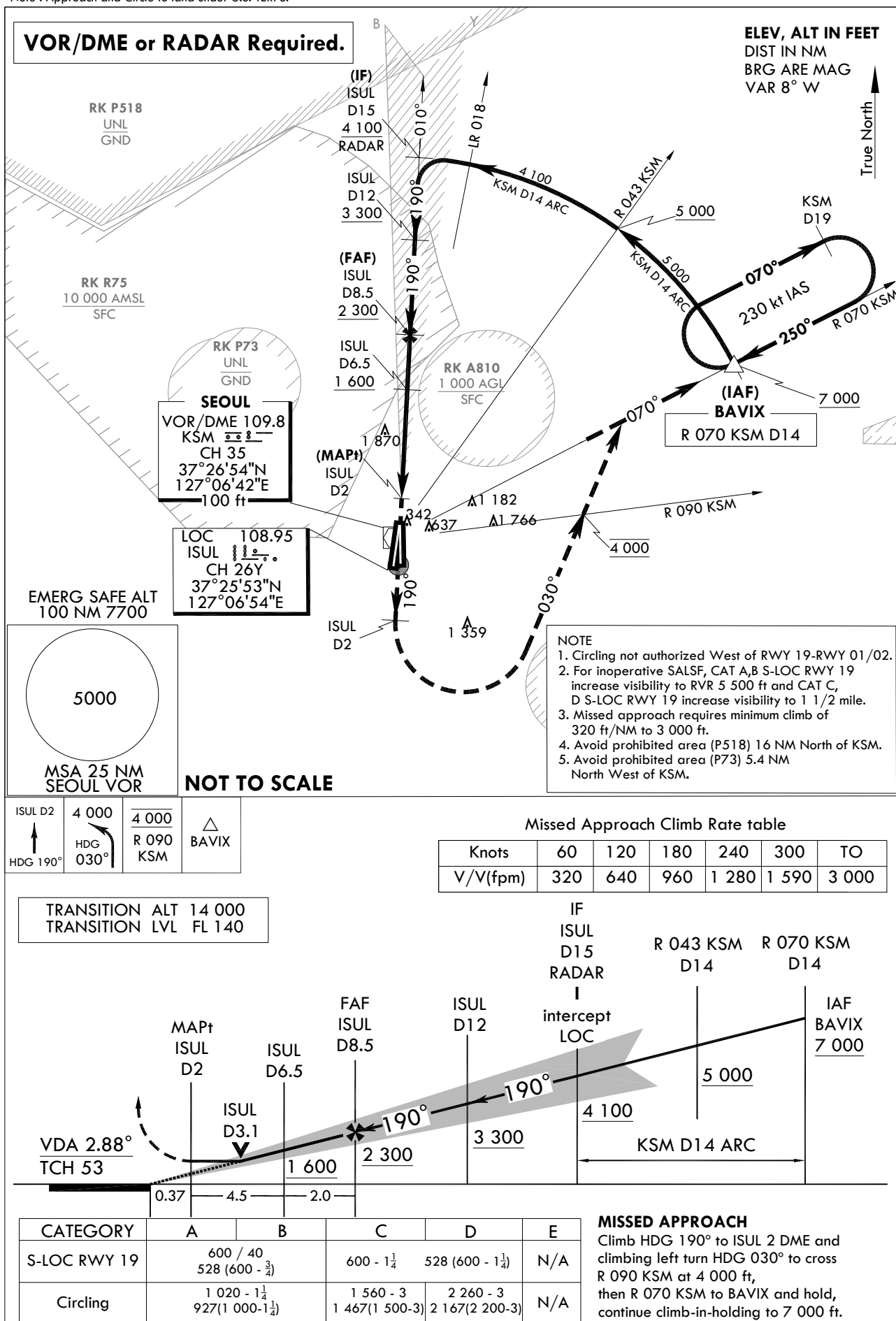
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
LOC/DME Y
RWY 19

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



Change : Amended chart symbol.

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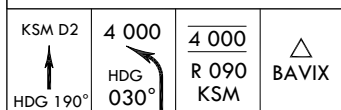
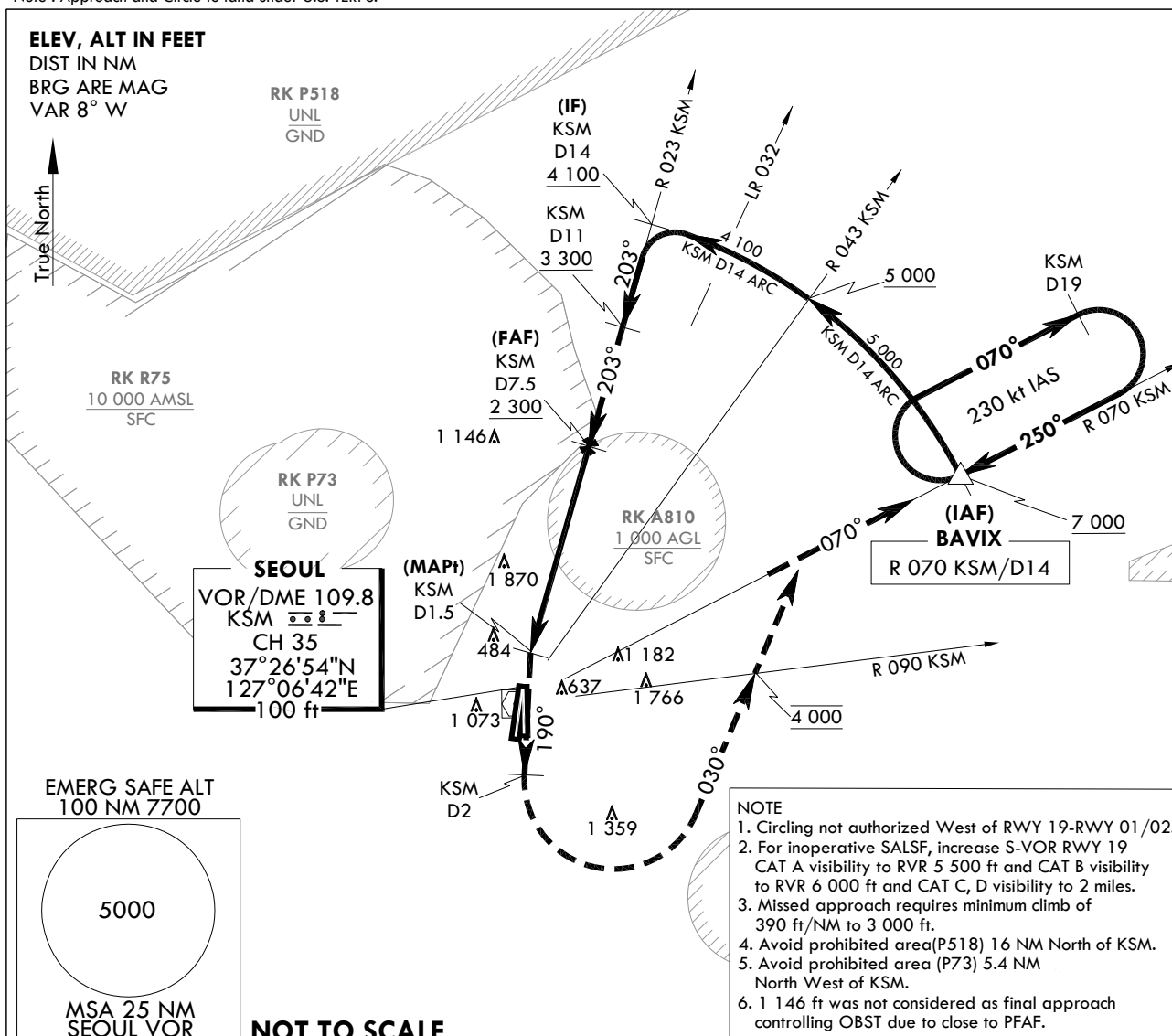
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
VOR/DME
RWY 19

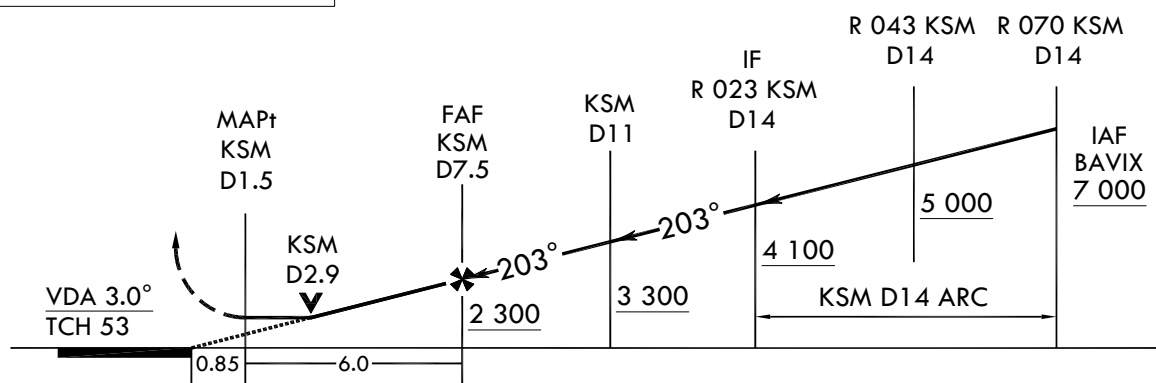
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	390	770	1 150	1 530	1 910	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-VOR RWY 19	820 / 40 748 (800 - 3/4)	820 / 55 748 (800 - 1)	820 - 1 7/8 748 (800 - 1 7/8)		N/A
Circling	1 020 - 1 1/4 927 (1 000 - 1 1/4)		1 560 - 3 1 467 (1 500 - 3)	2 260 - 3 2 167 (2 200 - 3)	N/A

MISSED APPROACH

Climb HDG 190° to KSM 2 DME and climbing left turn HDG 030° to cross R 090 KSM at 4 000 ft, then R 070 KSM to BAVIX and hold, continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

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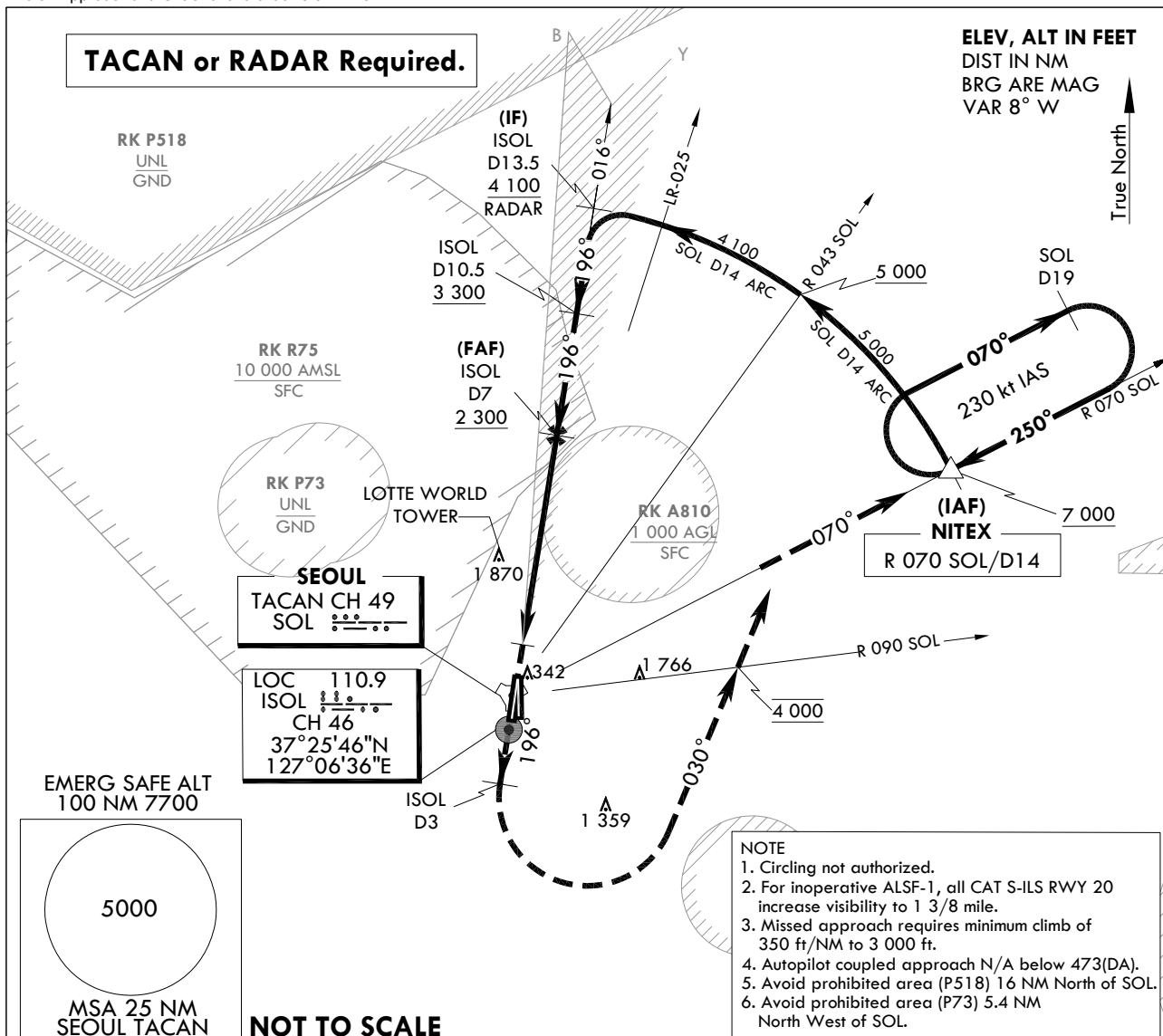
INSTRUMENT APPROACH CHART

AERODROME ELEV 93 ft
 HEIGHTS RELATED TO
 THR RWY 20 - ELEV **68 ft**
 HIGHEST ELEV TDZ 69 ft
 der U.S. TERPS.

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	234.5	236.6

SEOUL/Seoul(RKSM)
ILS Z
RWY 20

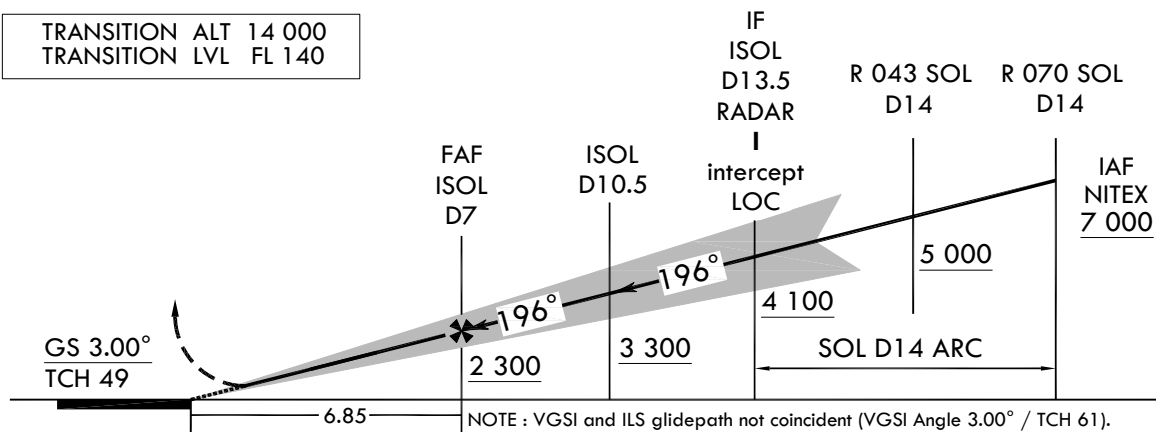
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	350	700	1 050	1 400	1 750	3 000

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



MISSED APPROACH

Climb HDG 196° to ISOL 3 DME and climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, then R 070 SOL to NITEX and hold, continue climb-in-holding to 7 000 ft.

CATEGORY	A	B	C	D	E
S-ILS RWY 20	473 / 45 404 (400 - $\frac{7}{8}$)				N/A

Change : Amended chart symbol.

INTENTIONALLY

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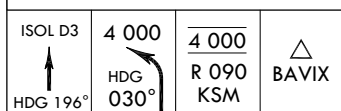
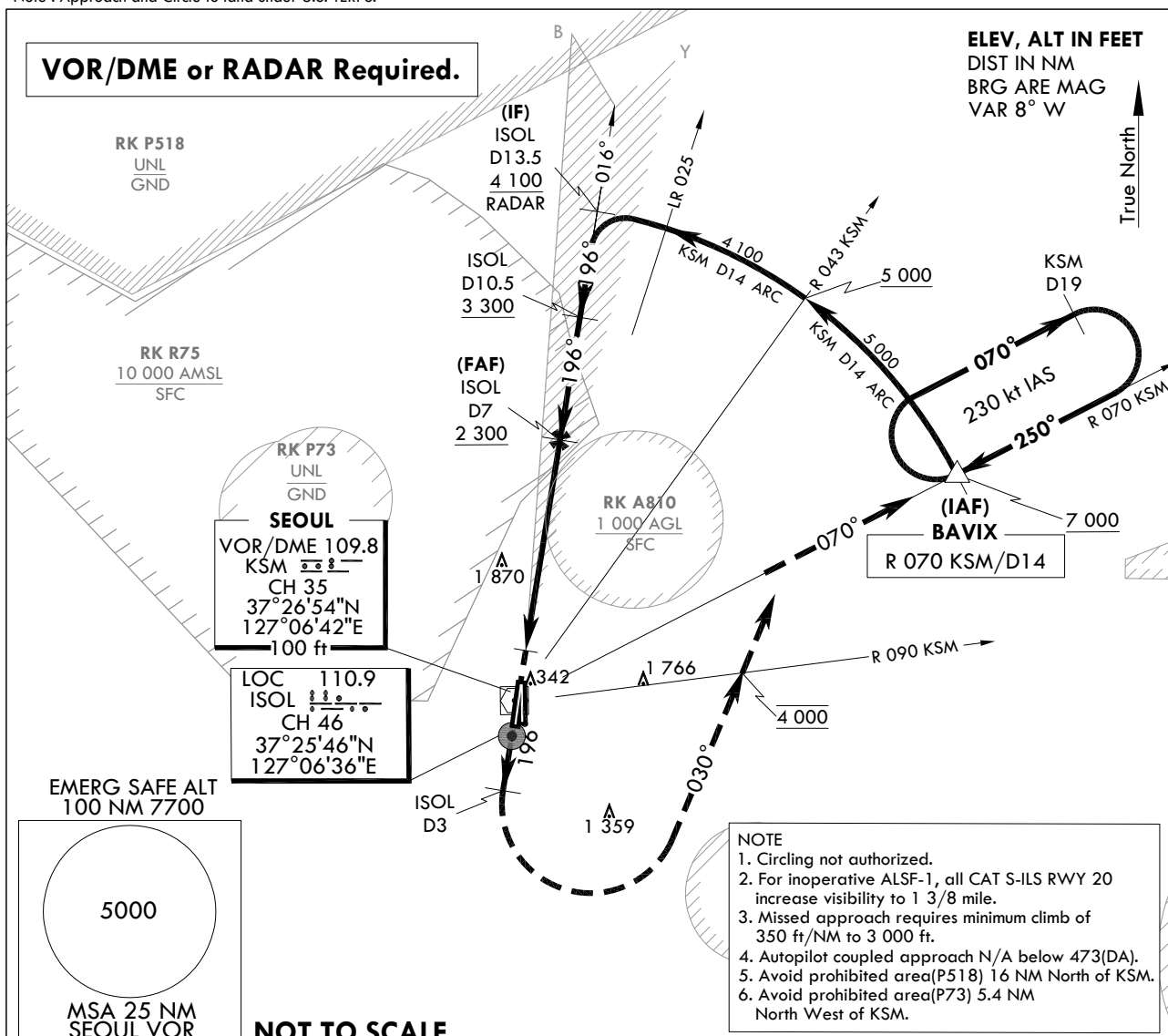
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
ILS Y
RWY 20

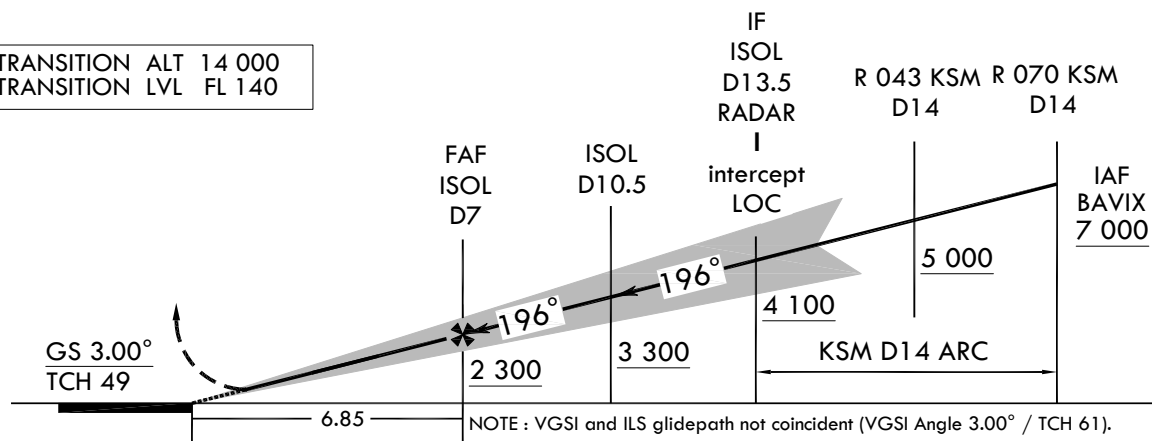
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	350	700	1 050	1 400	1 750	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-ILS RWY 20		473 / 45	404 (400 - $\frac{7}{8}$)		N/A

MISSED APPROACH

Climb HDG 196° to ISOL 3 DME and climbing left turn HDG 030° to cross R 090 KSM at 4 000 ft, then R 070 KSM to BAVIX and hold, continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

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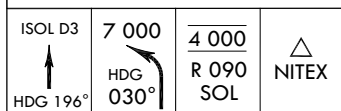
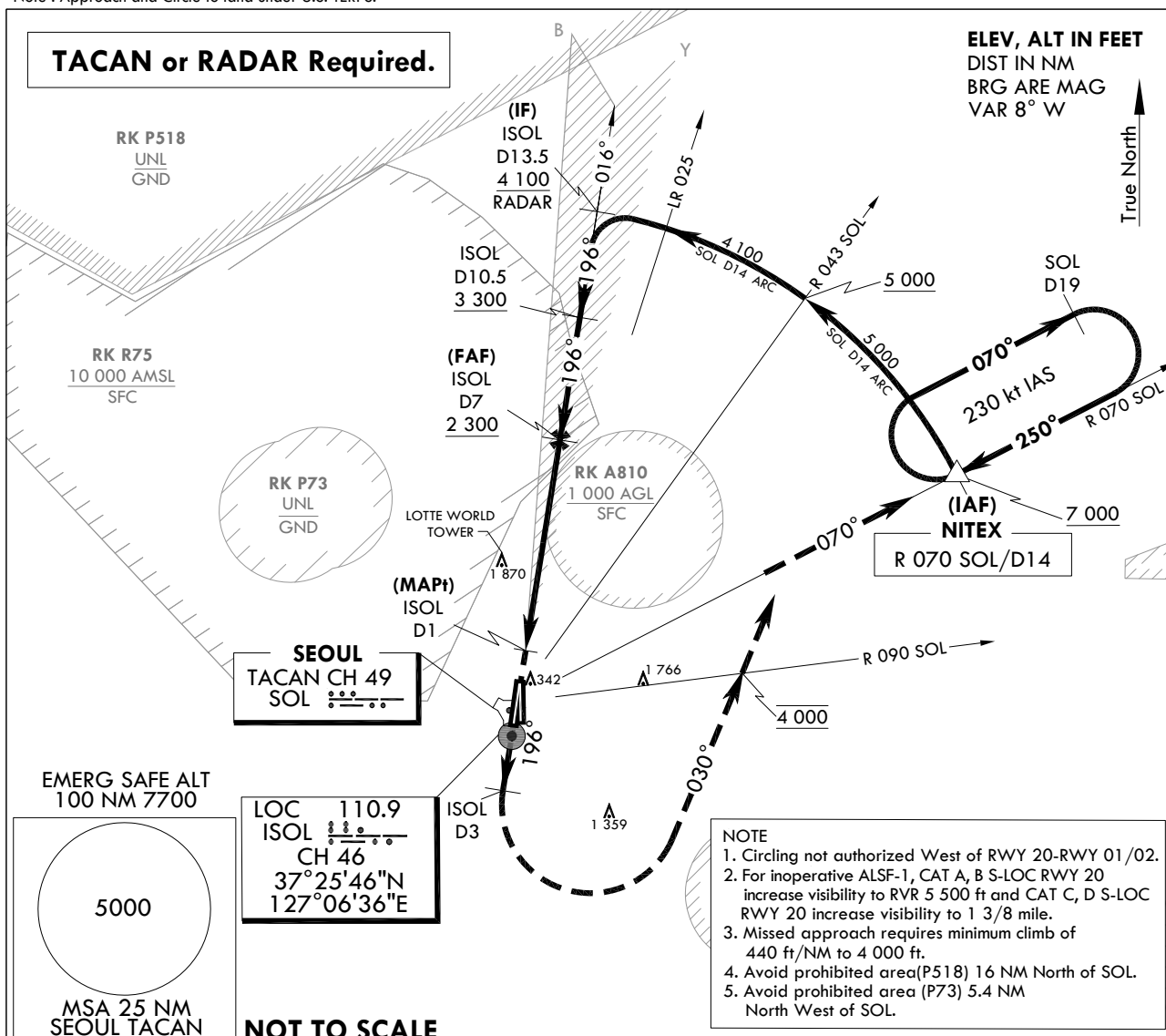
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
LOC/DME Z
RWY 20

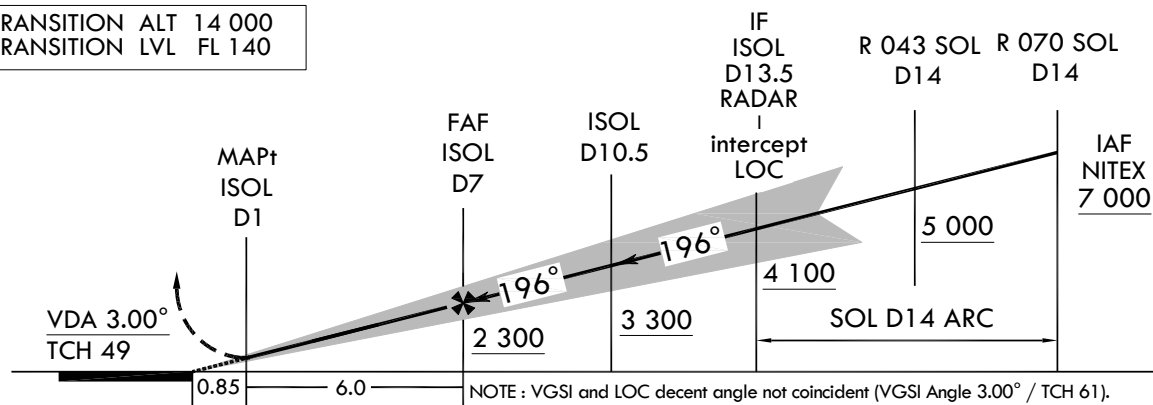
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	440	880	1 320	1 760	2 200	4 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-LOC RWY 20	520 / 35 451 (500 - $\frac{5}{8}$)		520 - 45 451 (500 - $\frac{7}{8}$)		N/A
Circling	1 020 - 1 $\frac{1}{4}$ 927(1 000-1 $\frac{1}{4}$)		1 560 - 3 1 467(1 500-3)	2 260 - 3 2 167(2 200-3)	N/A

MISSED APPROACH

Climb HDG 196° to ISOL 3 DME and climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, then R 070 SOL to NITEX and hold, continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

LEFT

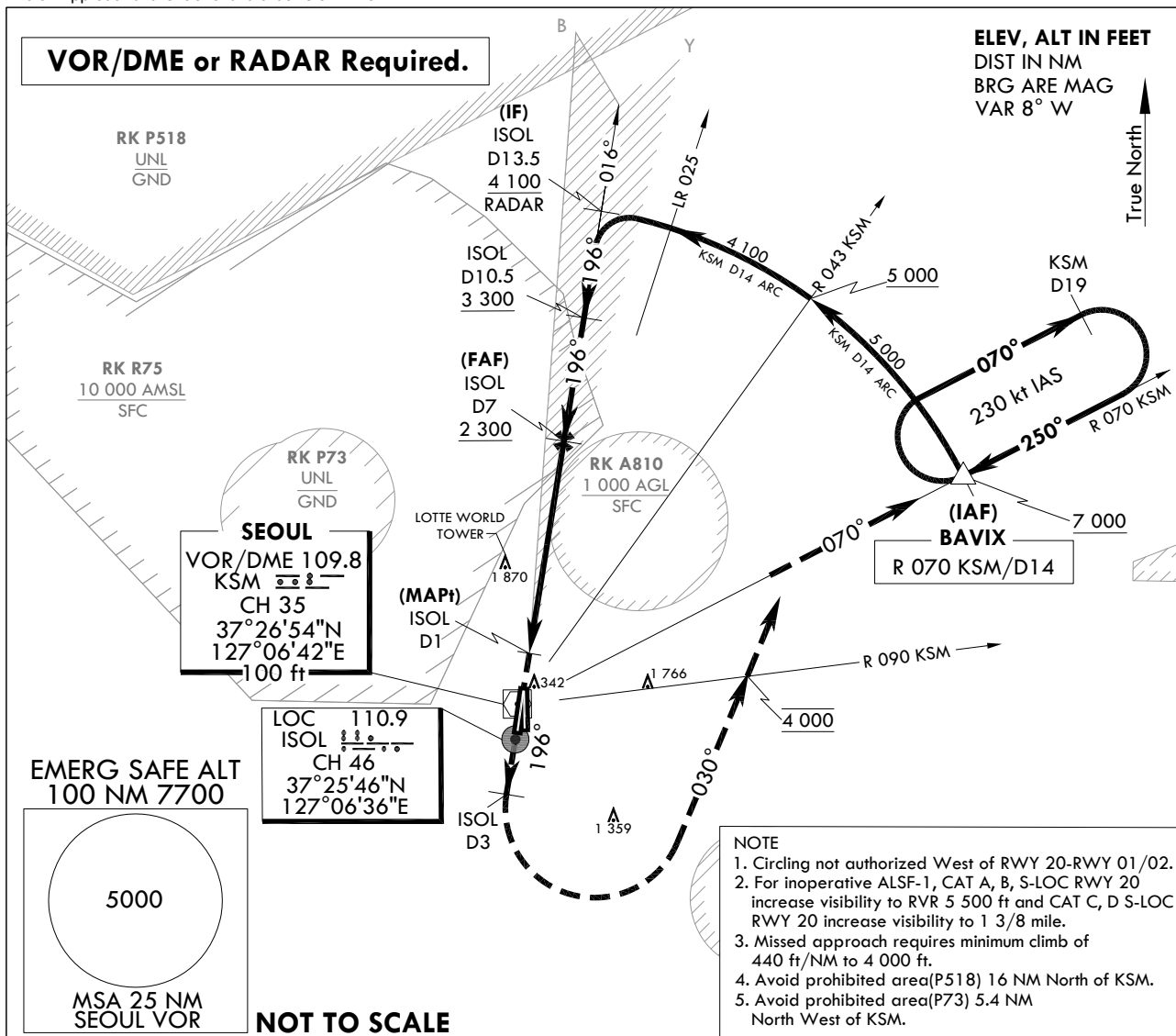
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AERODROME ELEV 93 ft
 HEIGHTS RELATED TO
 THR RWY 20 - ELEV **68 ft**
 HIGHEST ELEV TDZ 69 ft
 der ILS TERPS

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	234.5	236.6

SEOUL/Seoul(RKSM)
LOC/DME Y
RWY 20

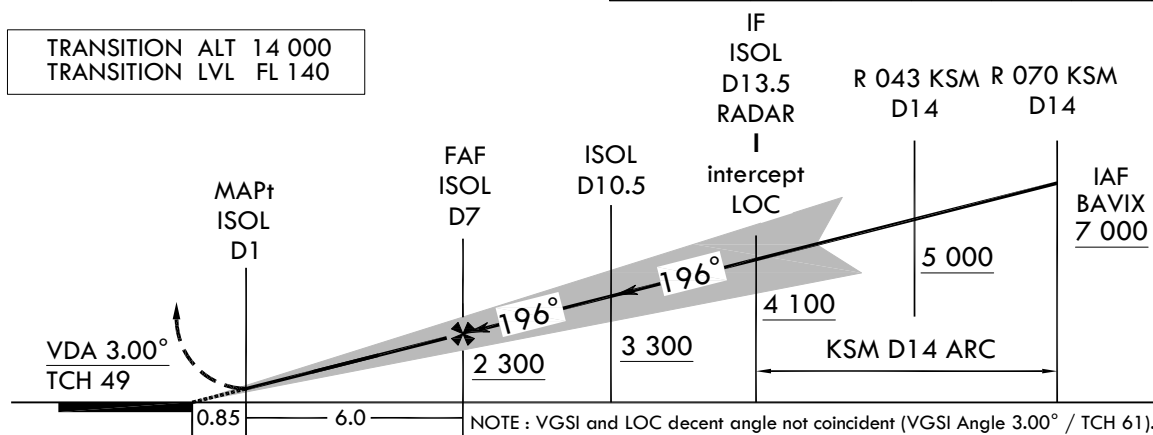
Note : Approach and Circle to land under U.S. TERPS.



ISOL D3 ↑ HDG 196°	4 000 HDG 030°	4 000 R 090 KSM	△ BAVIX
--------------------------	----------------------	-----------------------	------------

Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	440	880	1 320	1 760	2 200	4 000



CATEGORY	A	B	C	D	E
S-LOC RWY 20	520 / 35 451 (500 - $\frac{5}{8}$)		520 - 45 451 (500 - $\frac{7}{8}$)		N/A
Circling	1 020 - 1 $\frac{1}{4}$ 927(1 000-1 $\frac{1}{4}$)		1 560 - 3 1 467(1 500-3)	2 260 - 3 2 167(2 200-3)	N/A

MISSED APPROACH

Climb HDG 196° to ISOL 3 DME and
climbing left turn HDG 030°
to cross R 090 KSM at 4 000 ft,
then R 070 KSM to BAVIX and hold,
continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

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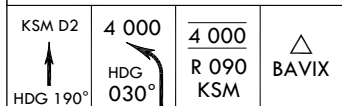
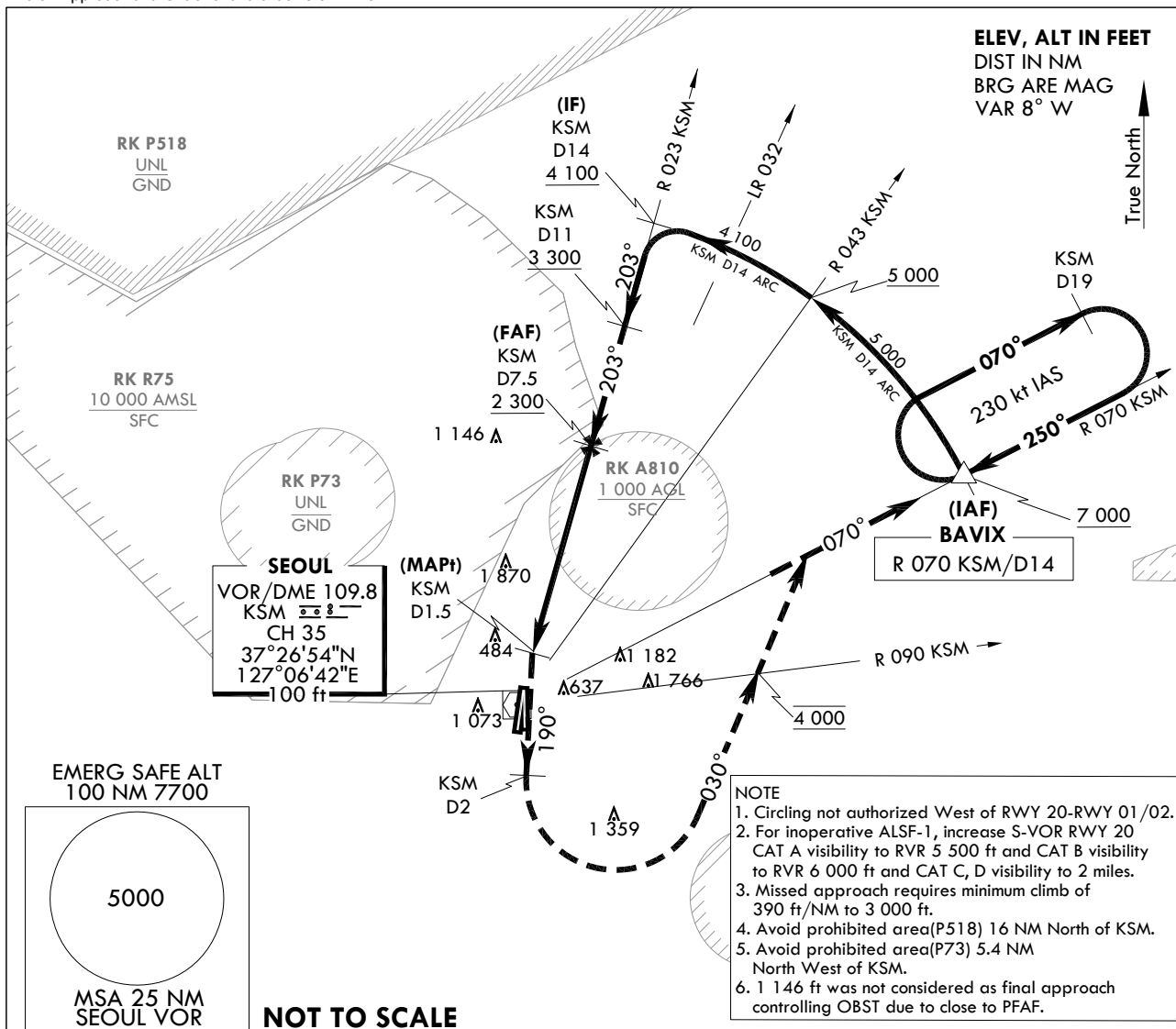
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
VOR/DME
RWY 20

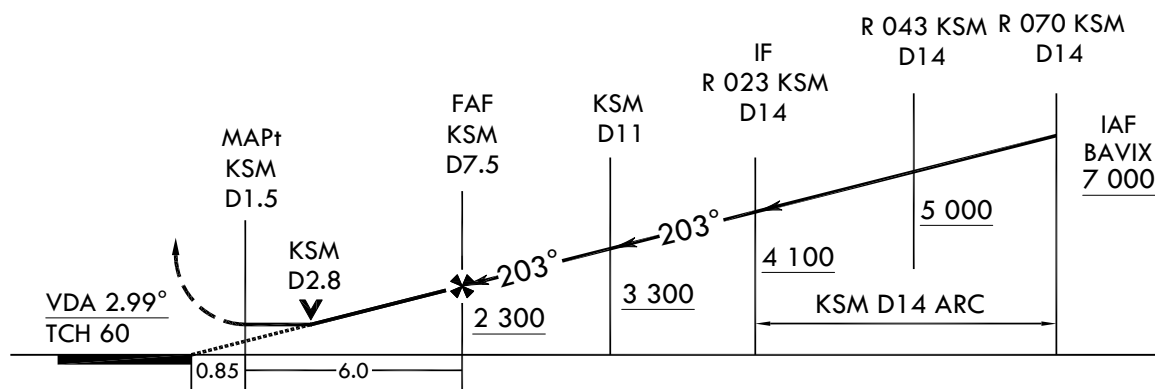
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	390	770	1 150	1 530	1 910	3 000



CATEGORY	A	B	C	D	E
S-VOR RWY 20	820 / 35 751 (800 - 5/8)	820 / 40 751 (800 - 3/4)	820 - 1 3/4 751 (800 - 1 3/4)		N/A
Circling	1 020 - 1 1/4 927 (1 000 - 1 1/4)		1 560 - 3 1 467 (1 500 - 3)	2 260 - 3 2 167 (2 200 - 3)	N/A

MISSED APPROACH

Climb HDG 190° to KSM 2 DME and climbing left turn HDG 030° to cross R 090 KSM at 4 000 ft, then R 070 KSM to BAVIX and hold, continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

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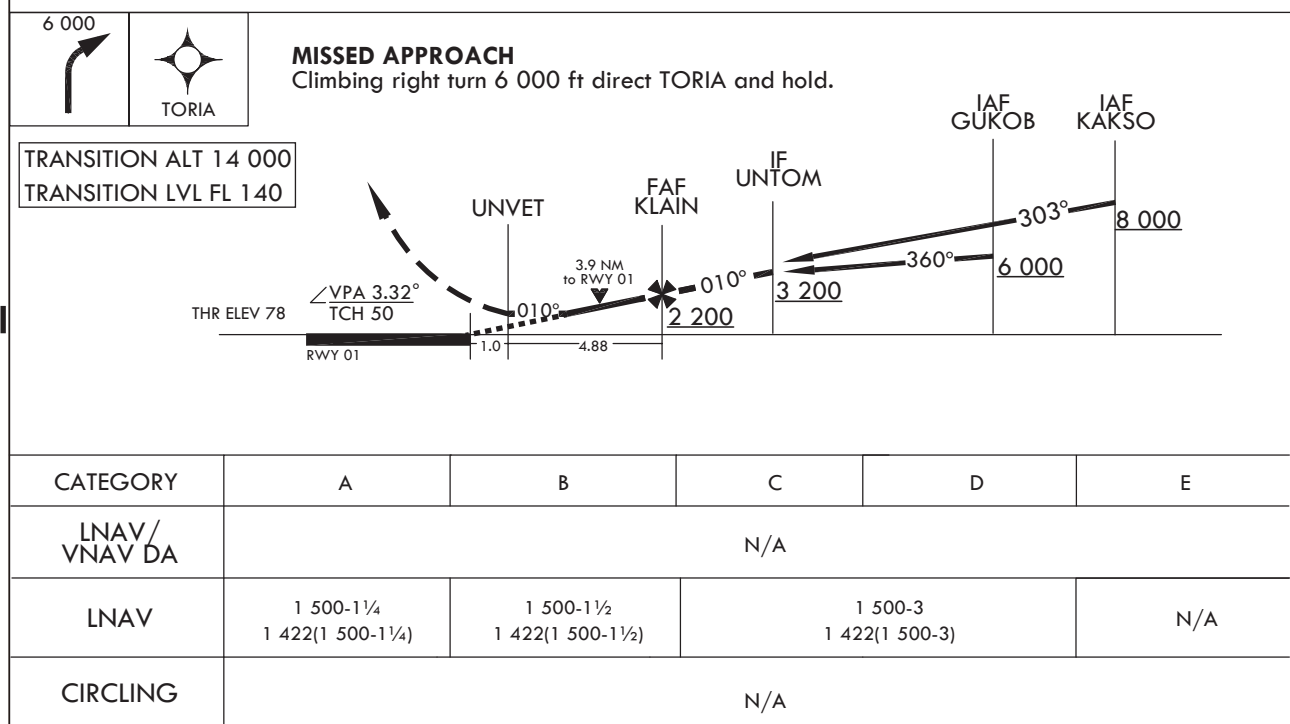
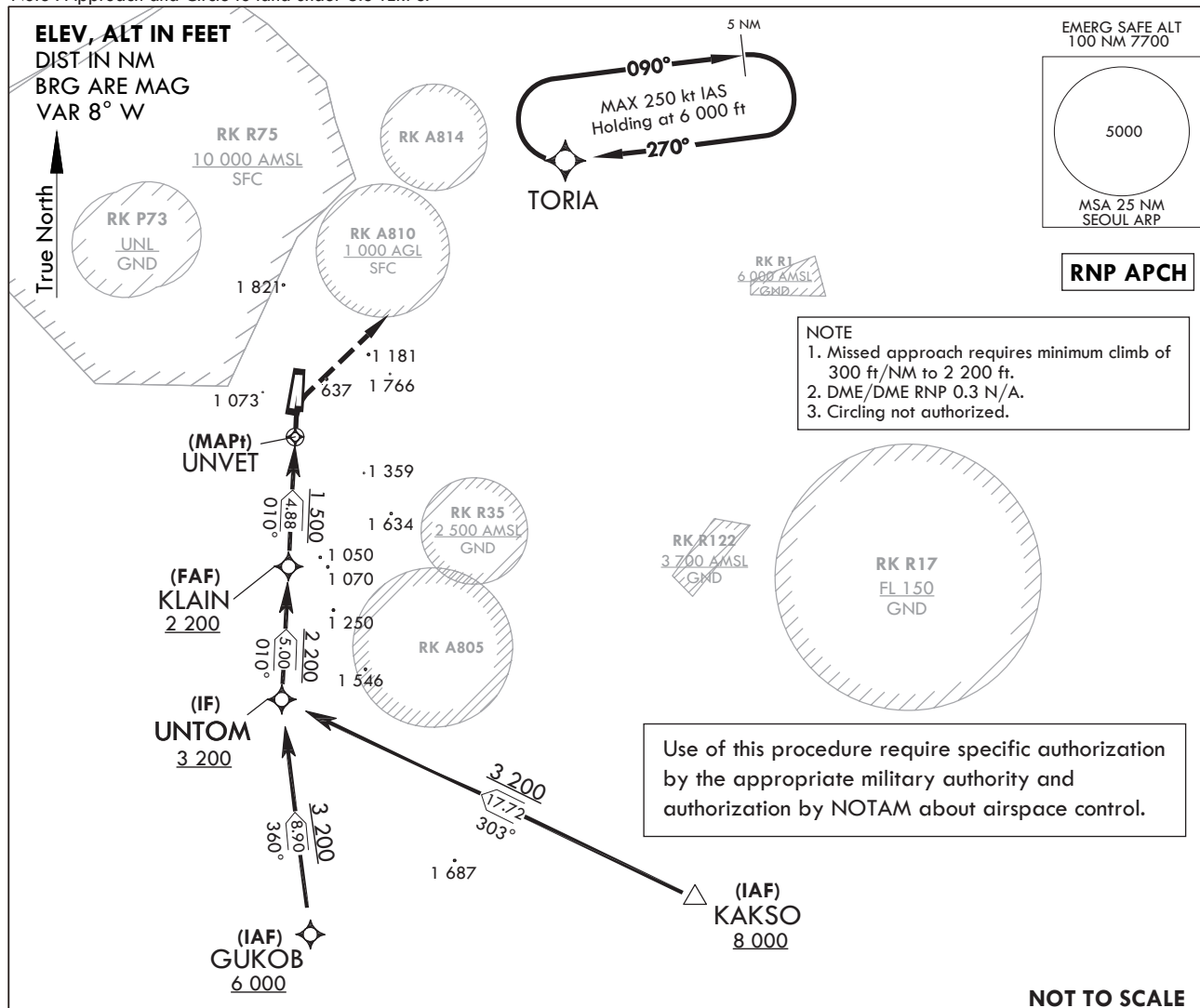
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV **94** ft
HEIGHTS RELATED TO
THR RWY 01 - ELEV **78** ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

**SEOUL/Seoul(RKSM)
RNP RWY 01**

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



Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 01(From GUKOB)

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	IF	GUKOB	-	-	-	-	+6 000	-	37°06'20.2845"N 127°08'01.9225"E	-	RNP APCH	IAF
002	TF	UNTOM	-	359.9/351.9	8.9	-	+3 200	-	37°15'09.3930"N 127°06'28.1856"E	-	RNP APCH	IF
003	TF	KLAIN	-	9.8/1.8	5	-	+2 200	-	37°20'09.6309"N 127°06'39.9962"E	-	RNP APCH	FAF
004	TF	UNVET	Y	9.8/1.8	4.88	-	+1 500	-	37°25'02.5948"N 127°06'51.5321"E	3.32°/50	RNP APCH	MAPt
005	DF	TORIA	-	-	-	R	6 000	-	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	-
006	HM	TORIA	-	270.0/262.0	5	R	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

RNP RWY 01(From KAKSO)

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	IF	KAKSO	-	-	-	-	+8 000	-	37°07'45"N 127°26'37"E	-	RNP APCH	IAF
002	TF	UNTOM	-	302.8/294.8	17.72	-	+3 200	-	37°15'09.3930"N 127°06'28.1856"E	-	RNP APCH	IF
003	TF	KLAIN	-	9.8/1.8	5	-	+2 200	-	37°20'09.6309"N 127°06'39.9962"E	-	RNP APCH	FAF
004	TF	UNVET	Y	9.8/1.8	4.88	-	+1 500	-	37°25'02.5948"N 127°06'51.5321"E	3.32°/50	RNP APCH	MAPt
005	DF	TORIA	-	-	-	R	6 000	-	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	-
006	HM	TORIA	-	270.0/262.0	5	R	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

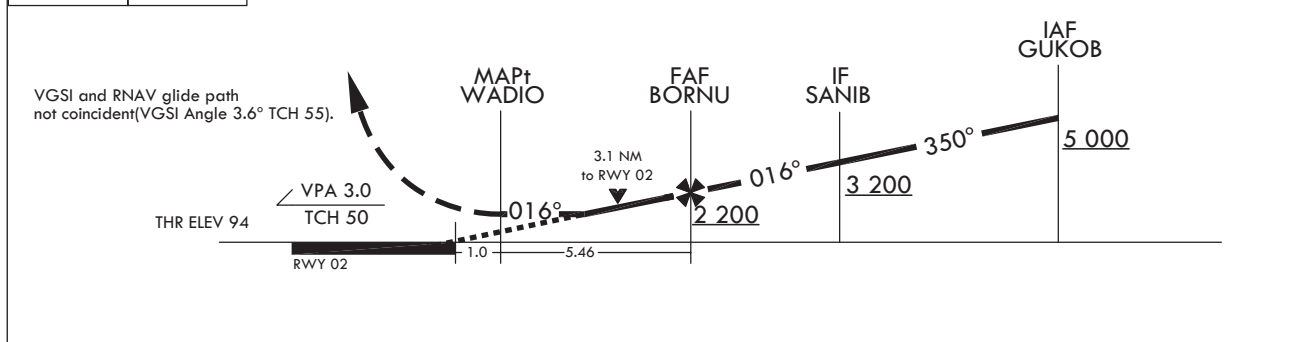
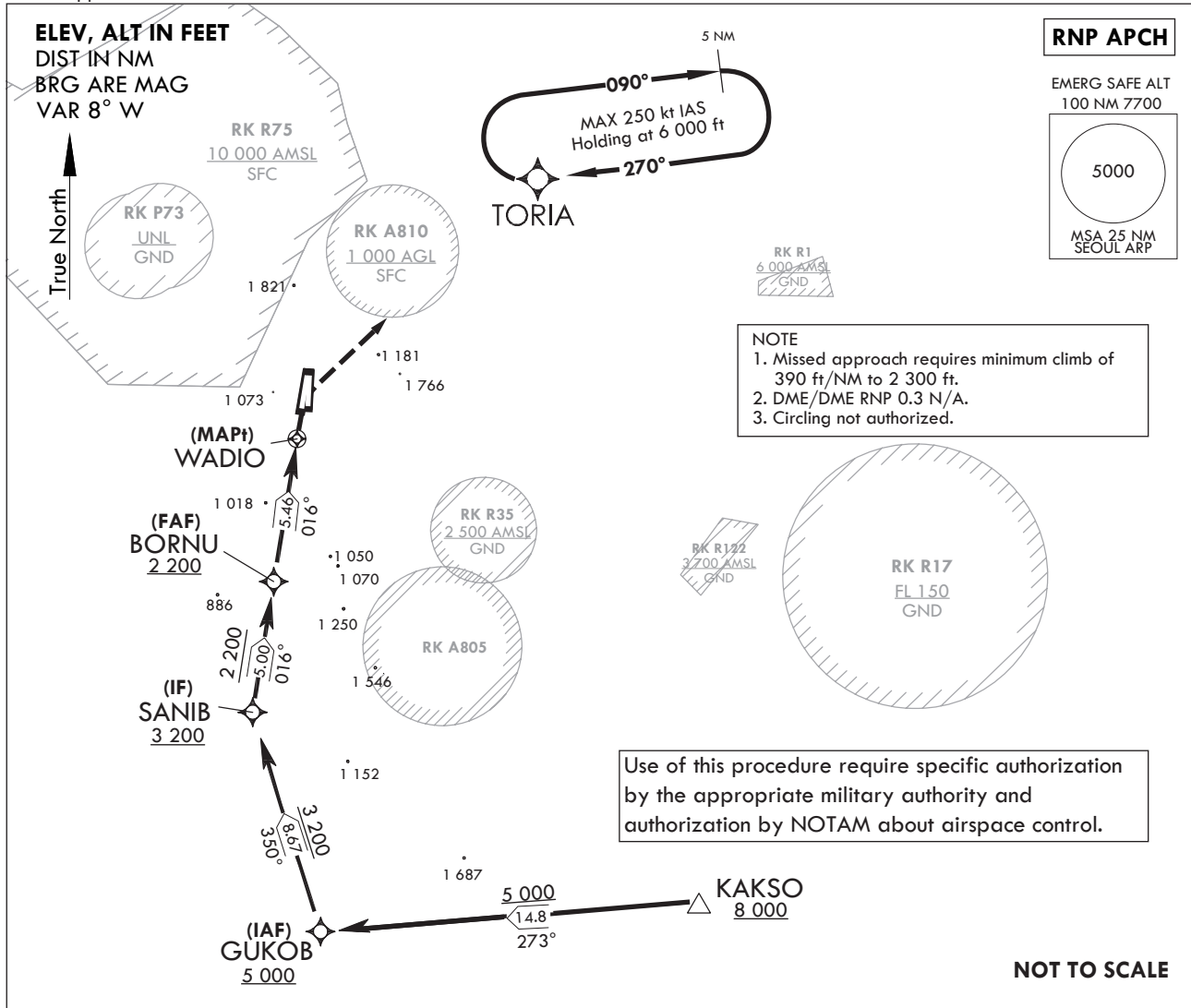
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV **94** ft
HEIGHTS RELATED TO
THR RWY 02 - ELEV **94** ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

SEOUL/Seoul(RKSM)
RNP RWY 02

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



CATEGORY	A	B	C	D	E
LNAV/ VNAV DA	N/A				N/A
LNAV	1 240-1½ 1 146(1 200-1½)	1 240-1½ 1 146(1 200-1½)	1 240-3 1 146(1 200-3)		N/A
CIRCLING	N/A				

Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 02

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	IF	GUKOB	-	-	-	-	+5 000	-	37°06'20.2845"N 127°08'01.9225"E	-	RNP APCH	IAF
002	TF	SANIB	-	349.67 / 341.67	8.67	-	+3 200	-	37°14'34.8404"N 127°04'36.9589"E	-	RNP APCH	IF
003	TF	BORNU	-	16.07 / 8.07	5	-	+2 200	-	37°19'32.2479"N 127°05'29.7485"E	-	RNP APCH	FAF
004	TF	WADIO	Y	16.10 / 8.10	5.46	-	+1 240	-	37°24'57.1290"N 127°06'27.5325"E	3.0°/50	RNP APCH	MAPt
005	DF	TORIA	-	-	-	R	@6 000	-	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	-
006	HM	TORIA	-	270.0/262.0	5	R	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

Feeder Routes

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	KAKSO	-	-	-	-	+8 000	-	37°07'45"N 127°26'37"E	-	RNAV 1	EN ROUTE
002	TF	GUKOB	-	272.67 / 264.67	14.93	-	+5 000	-	37°06'20.2845"N 127°08'01.9225"E	-	RNP APCH	IAF

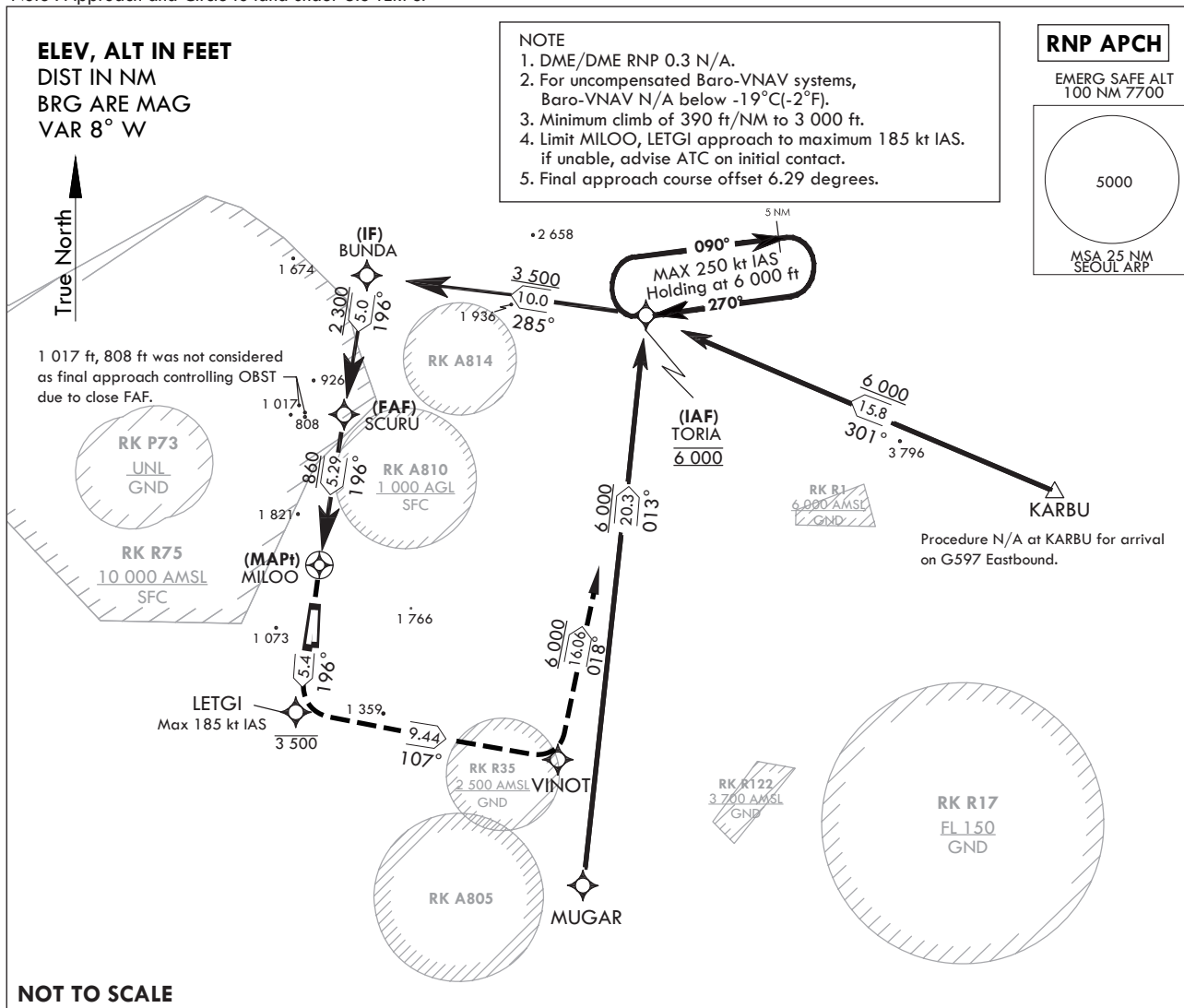
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV **94** ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **69** ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

**SEOUL/Seoul(RKSM)
RNP RWY 19**

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



							MISSED APPROACH Climb on track 196° to cross LETGI at or below 3 500 ft, then climbing left turn to 6 000 ft track 107° to VINOT, then left turn track 018° to TORIA and hold.
*MILOO *LNAV only	TR 196°	LETGI	TR 107°	VINOT	TR 018°	TORIA	
TRANSITION ALT 14 000 TRANSITION LVL FL 140							
CATEGORY	A	B	C	D	E		
LNAV/ VNAV DA	711-2½ 642(700-2½)					N/A	
LNAV MDA	860-2½ 791(800-2½)					N/A	
CIRCLING	1 020-2½ 926(1 000-2½)		1 560-3 1 466(1 500-3)		2 260-3 2 166(2 200-3)		N/A

Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 19

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	IF	TORIA	-	-	-	-	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	IAF
002	TF	BUNDA	-	285.1/277.1	10	-	+3 500	-250	37°39'16.2513"N 127°09'00.8555"E	-	RNP APCH	IF
003	TF	SCURU	-	196.1/188.1	5	-	+2 300	-165	37°34'18.8855"N 127°08'07.7311"E	-	RNP APCH	FAF
004	TF	MILOO	Y	196.1/188.1	5.29	-	+860	-165	37°29'04.2951"N 127°07'11.5747"E	3.0°/50	RNP APCH	MAPt
005	TF	LETGI	-	196.1/188.1	5.4	-	-3 500	-185	37°23'43.154"N 127°06'14.3668"E	-	RNP APCH	-
006	TF	VINOT	-	107.1/099.1	9.44	-	6 000	-250	37°22'13.0036"N 127°17'56.0695"E	-	RNP APCH	-
007	TF	TORIA	-	018.2/10.2	16.06	-	+6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	-
008	HM	TORIA	-	270.0/262.0	-	R	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

Feeder Routes

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	KARBU	-	-	-	-	-	-	37°31'59"N 127°39'52"E	-	RNAV 1	FEEDER ROUTE
002	HM	TORIA	-	300.6/292.6	15.8	-	+6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

Feeder Routes

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	MUGAR	-	-	-	-	-	-	37°17'45.54"N 127°19'08.61"E	-	RNAV 1	FEEDER ROUTE
002	HM	TORIA	-	13.3/5.3	20.34	-	+6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

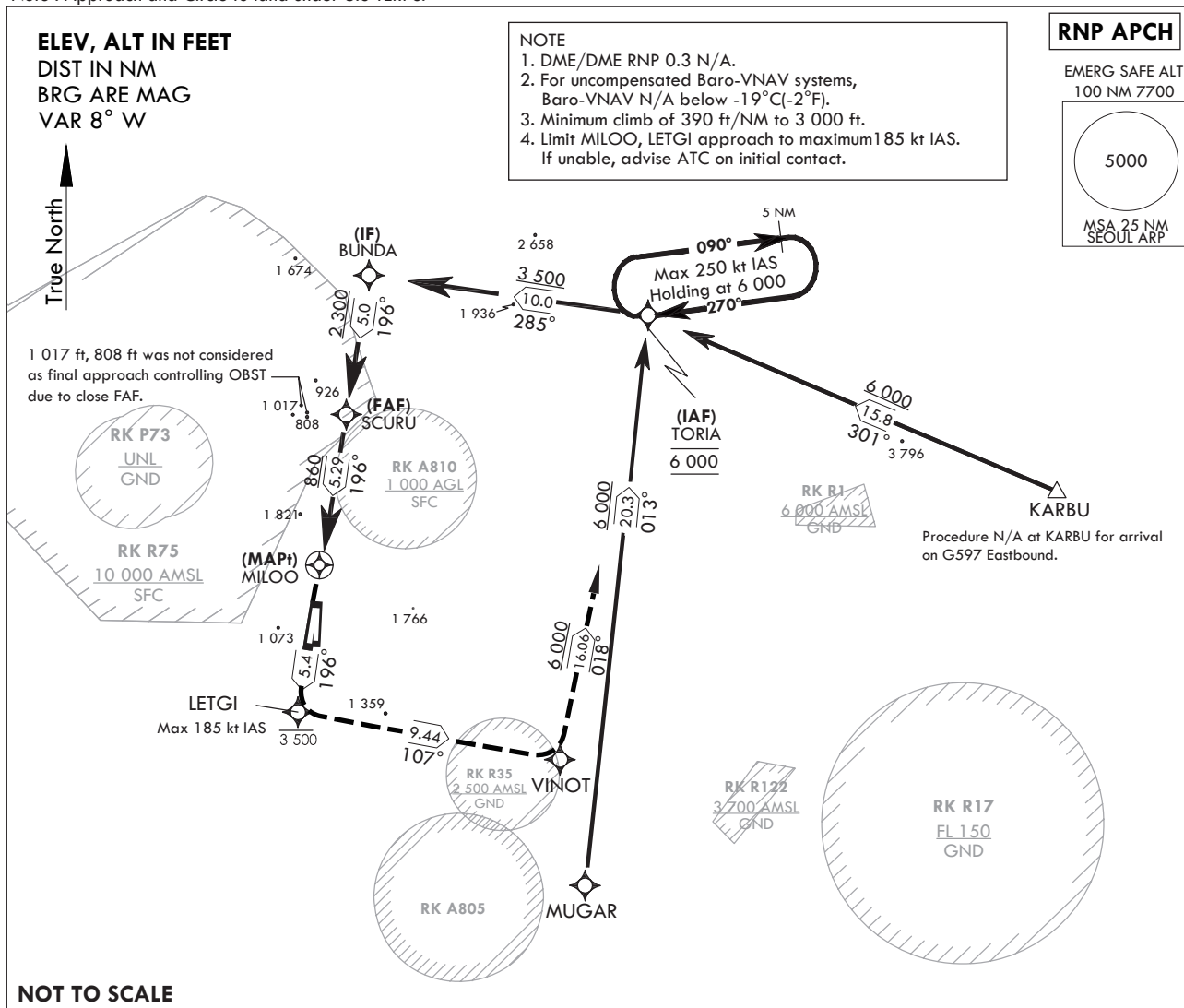
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV **94** ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV **70** ft

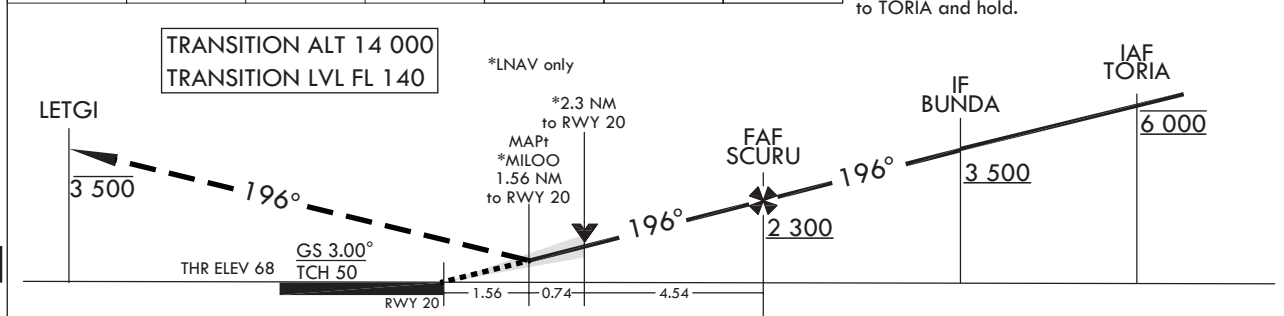
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

SEOUL/Seoul(RKSM)
RNP RWY 20

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



							MISSED APPROACH Climb on track 196° to cross LETGI at or below 3 500 ft, then climbing left turn to 6 000 ft track 107° to VINOT, then left turn track 018° to TORIA and hold.
*MILOO *LNAV only	TR 196°	LETGI	TR 107°	VINOT	TR 018°	TORIA	



CATEGORY	A	B	C	D	E
LANV/ VNAV DA		711-2½	641(700-2½)		N/A
LNAV MDA		860-2½	790(800-2½)		N/A
CIRCLING	1 020-2½	926(1 000-2½)	1 560-3 1 466(1 500-3)	2 260-3 2 166(2 200-3)	N/A

Change : Amended chart symbol.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 20

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	IF	TORIA	-	-	-	-	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	IAF
002	TF	BUNDA	-	285.1/277.1	1.0	-	+3 500	-250	37°39'16.2513"N 127°09'00.8555"E	-	RNP APCH	IF
003	TF	SCURU	-	196.1/188.1	5	-	+2 300	-165	37°34'18.8855"N 127°08'07.7311"E	-	RNP APCH	FAF
004	TF	MILOO	Y	196.1/188.1	5.29	-	+860	-165	37°29'04.2951"N 127°07'11.5747"E	3.0°/50	RNP APCH	MAPt
005	TF	LETGI	-	196.1/188.1	5.4	-	-3 500	-185	37°23'43.154"N 127°06'14.3668"E	-	RNP APCH	-
006	TF	VINOT	-	107.1/099.1	9.44	-	6 000	-250	37°22'13.0036"N 127°17'56.0695"E	-	RNP APCH	-
007	TF	TORIA	-	018.2/10.2	16.058	-	+6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	-
008	HM	TORIA	-	270.0/262.0	-	R	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

Feeder Routes

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	KARBU	-	-	-	-	-	-	37°31'59"N 127°39'52"E	-	RNAV 1	FEEDER ROUTE
002	HM	TORIA	-	300.6/292.6	15.8	-	+6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

Feeder Routes

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	MUGAR	-	-	-	-	-	-	37°17'45.54"N 127°19'08.61"E	-	RNAV 1	FEEDER ROUTE
002	HM	TORIA	-	13.3/5.3	20.34	-	+6 000	-250	37°38'02.3748"N 127°21'30.6133"E	-	RNP APCH	HOLDING 5 NM LEG

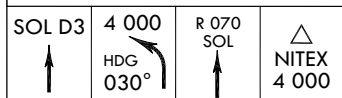
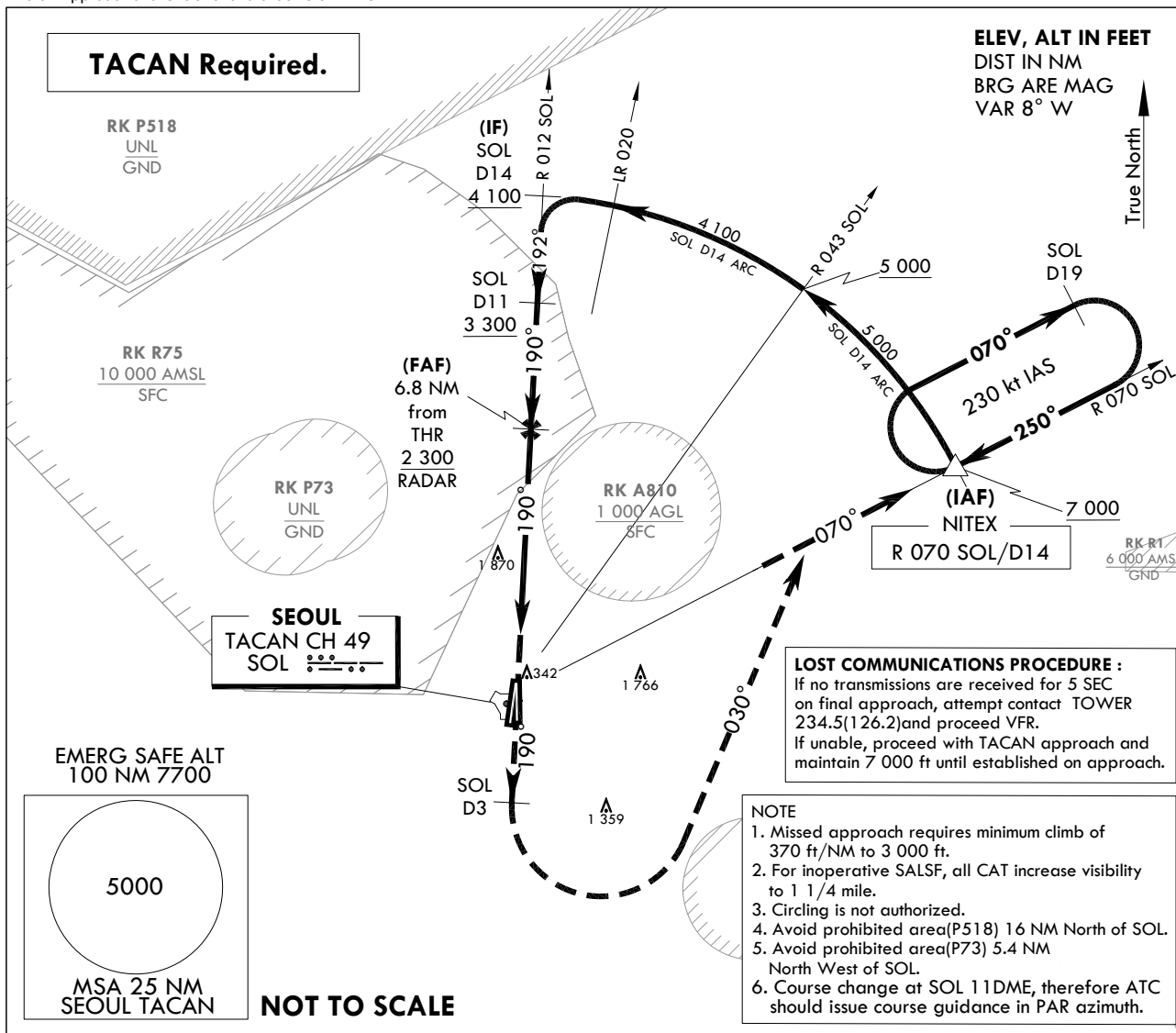
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **68 ft**

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
PAR Z
RWY 19

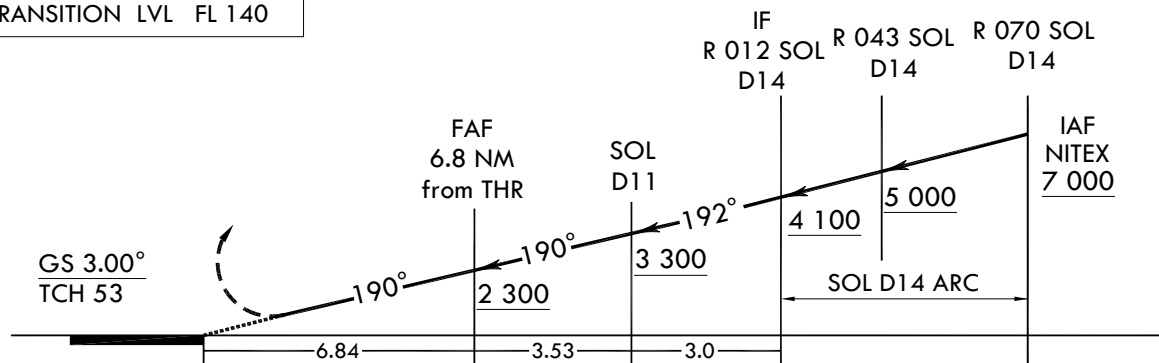
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	370	740	1 110	1 480	1 850	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



MISSED APPROACH

Climb to 4 000 ft via HDG 190° to
SOL 3DME and climbing left turn HDG 030°
to intercept R 070 SOL, then climb to
7 000 ft on R 070 SOL to NITEX and hold,
continue climb-in-holding to 7 000 ft.

CATEGORY	A	B	C	D	E
S-PAR RWY 19		465 / 55	393 (400 - 1)		

Change : Amended chart symbol.

INTENTIONALLY

LEFT

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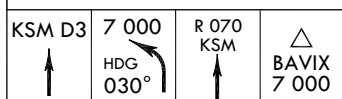
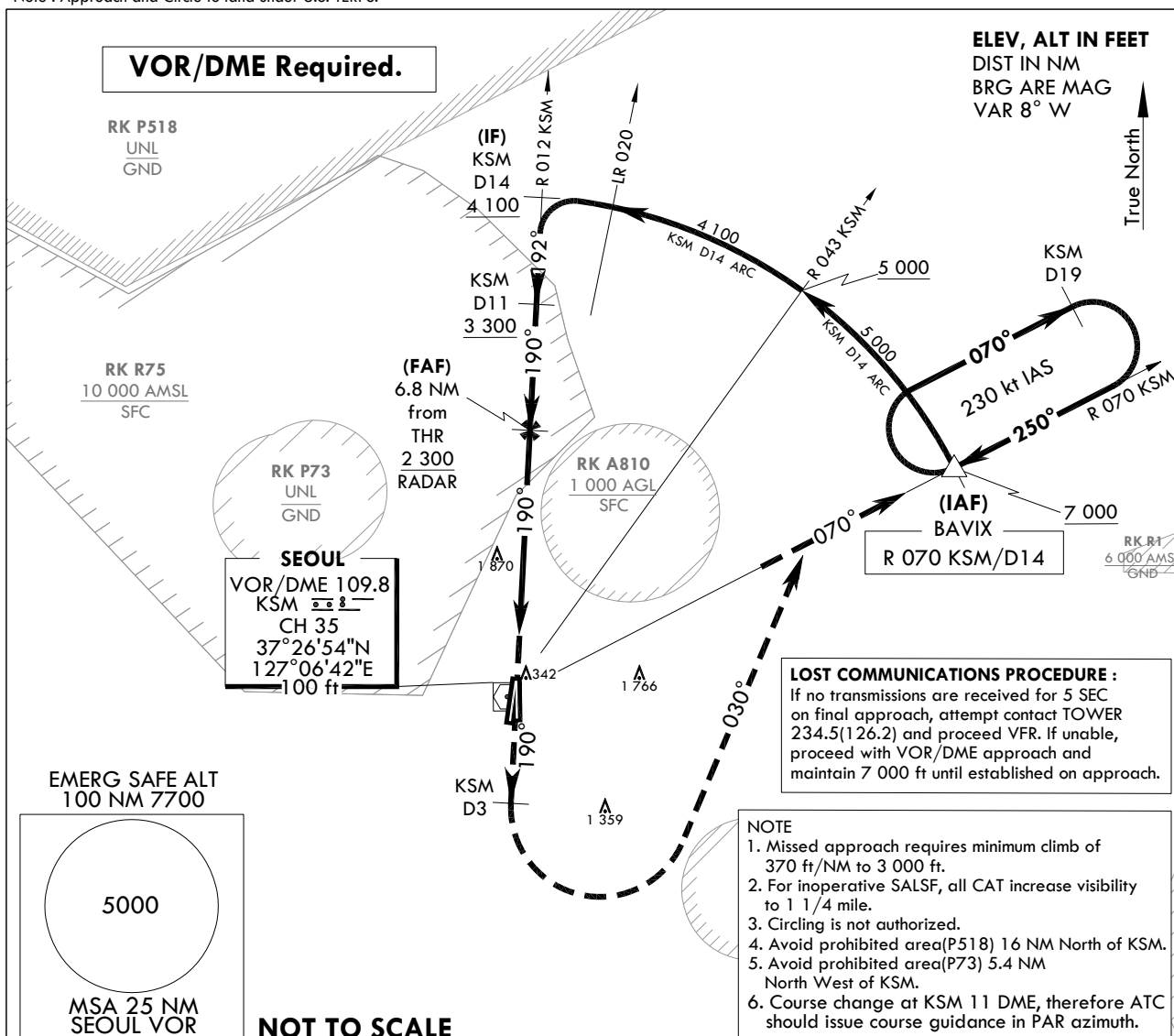
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
PAR Y
RWY 19

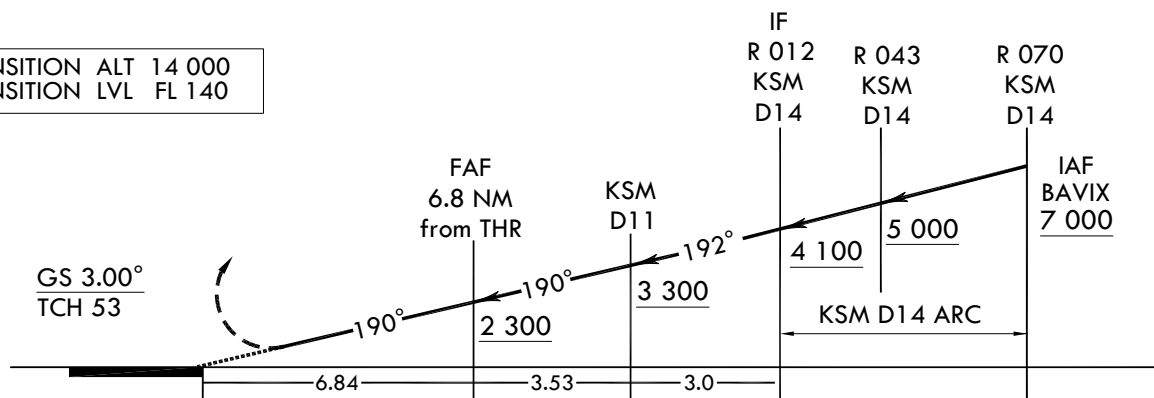
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	370	740	1 110	1 480	1 850	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



MISSED APPROACH

Climb to 4 000 ft via HDG 190° to KSM 3 DME and climbing left turn HDG 030° to intercept R 070 KSM, then climb to 7 000 ft on R 070 KSM to BAVIX and hold, continue climb-in-holding to 7 000 ft.

CATEGORY	A	B	C	D	E
S-PAR RWY 19		465 / 55	393 (400 - 1)		

Change : Amended chart symbol.

INTENTIONALLY

LEFT

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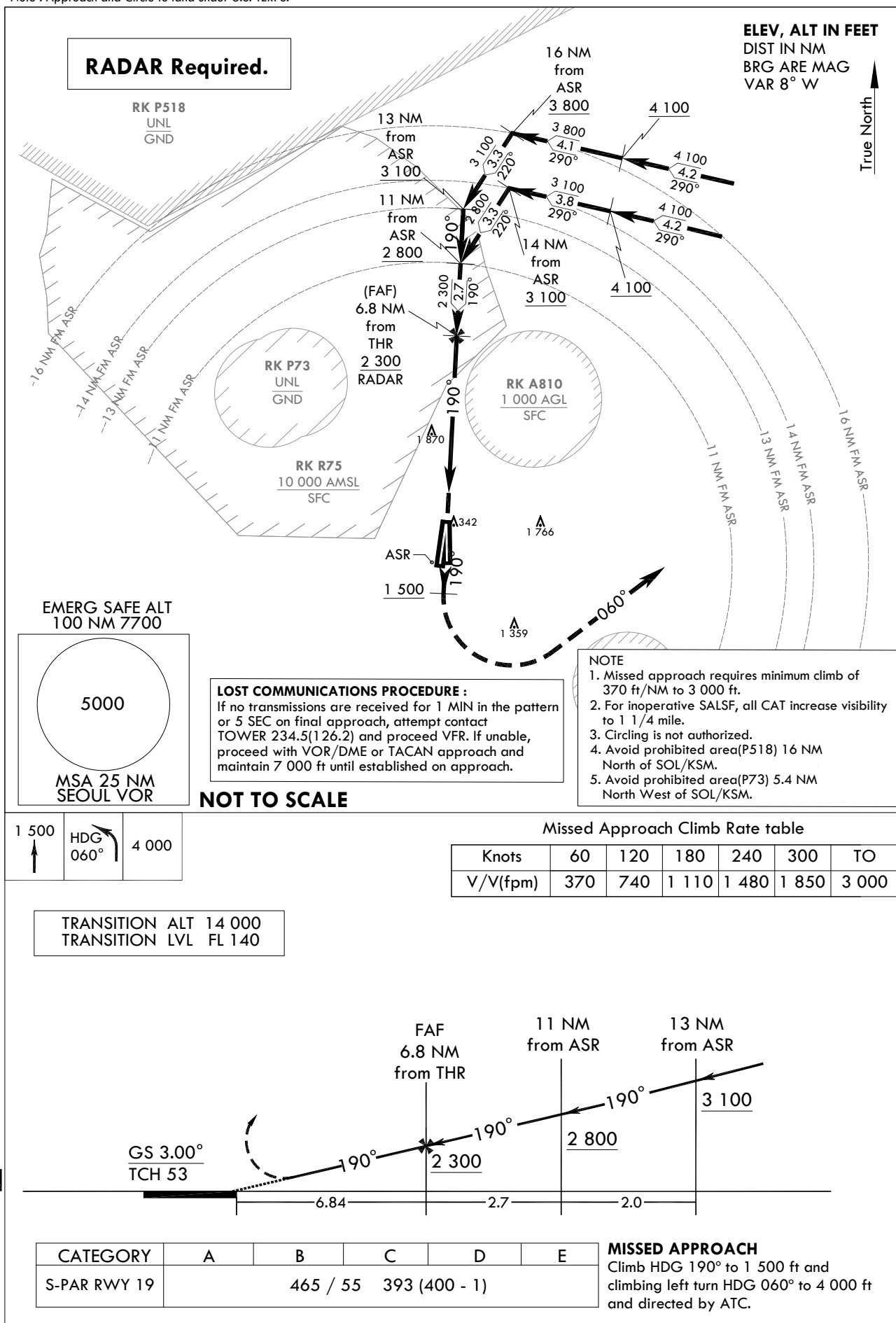
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **68 ft**

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
PAR X
RWY 19

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



Change : Amended chart symbol.

INTENTIONALLY

LEFT

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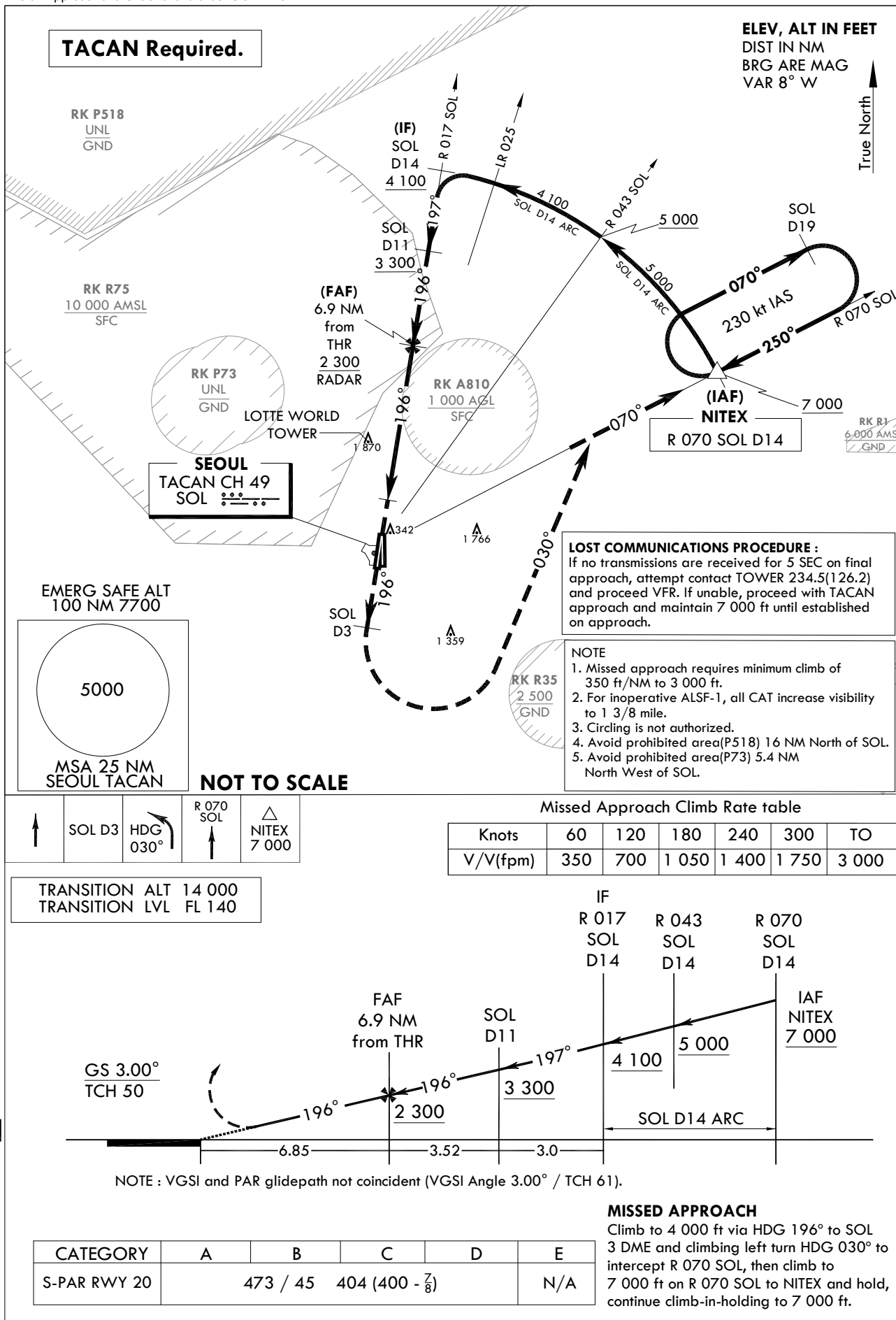
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
PAR Z
RWY 20

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



Change : Amended chart symbol.

INTENTIONALLY

LEFT

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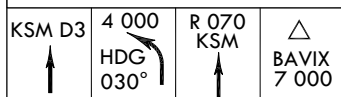
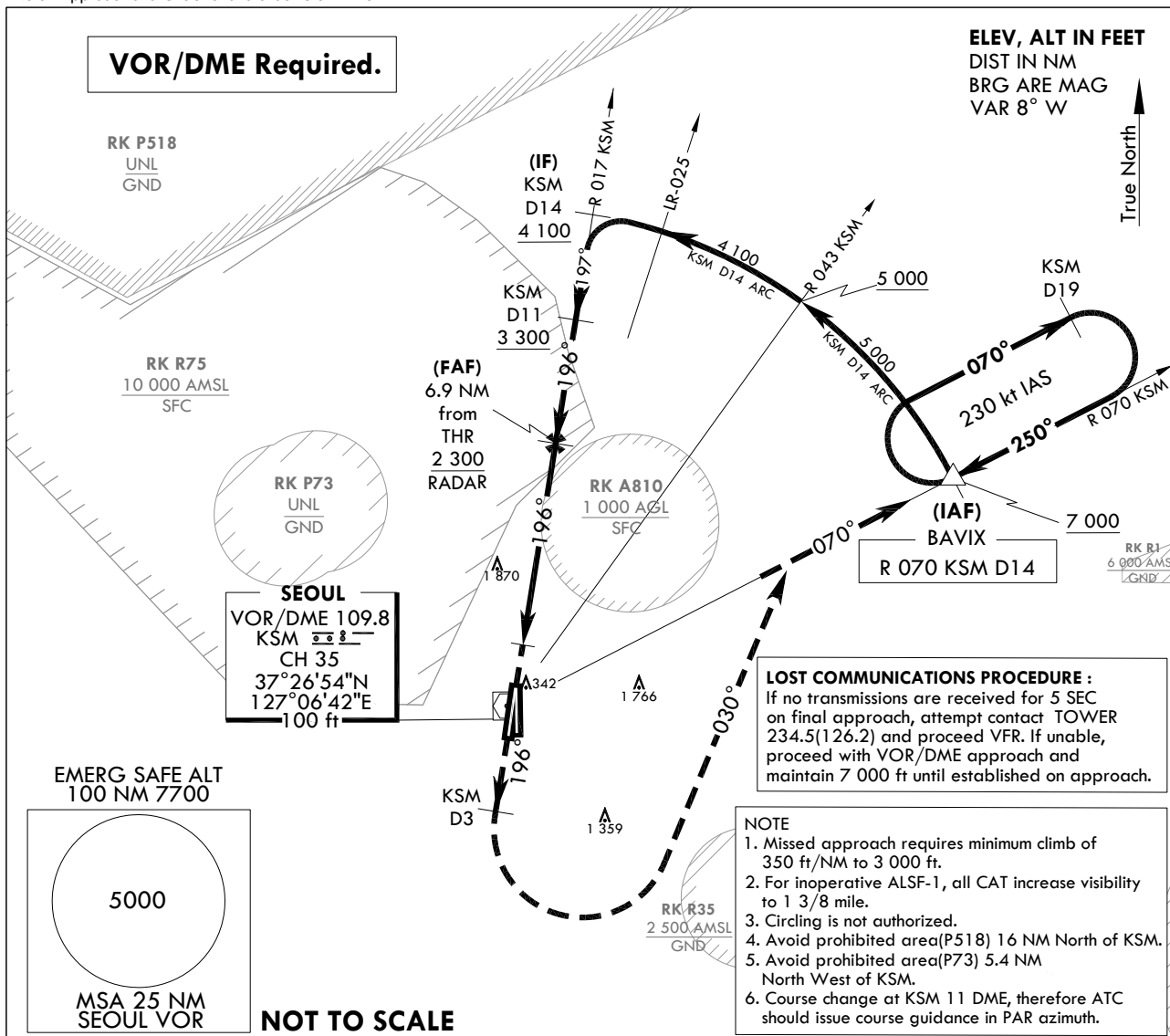
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
PAR Y
RWY 20

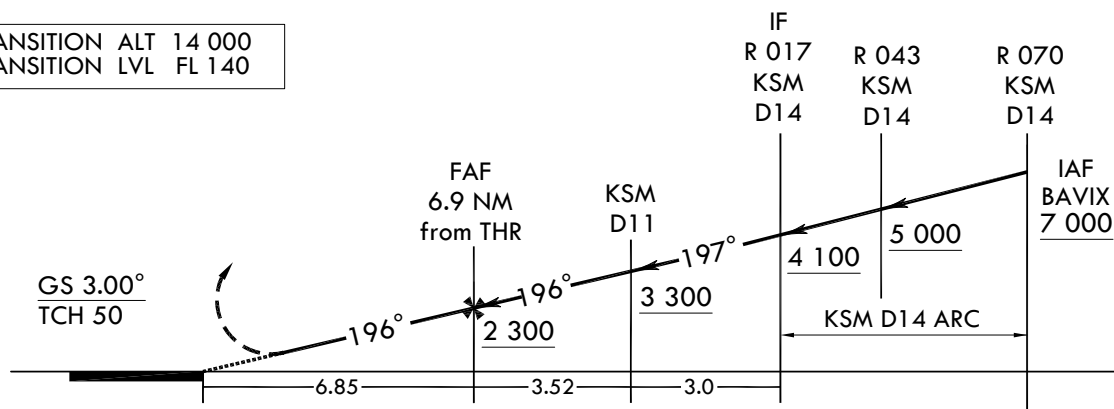
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	350	700	1 050	1 400	1 750	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



NOTE : VGSI and PAR glidepath not coincident (VGSI Angle 3.00° / TCH 61).

MISSED APPROACH

Climb to 4 000 ft via HDG 196° to KSM 3 DME and climbing left turn HDG 030° to intercept R 070 KSM, then climb to 7 000 ft on R 070 KSM to BAVIX and hold, continue climb-in-holding to 7 000 ft.

CATEGORY	A	B	C	D	E
S-PAR RWY 20	473 / 45	404 (400 - $\frac{7}{8}$)			N/A

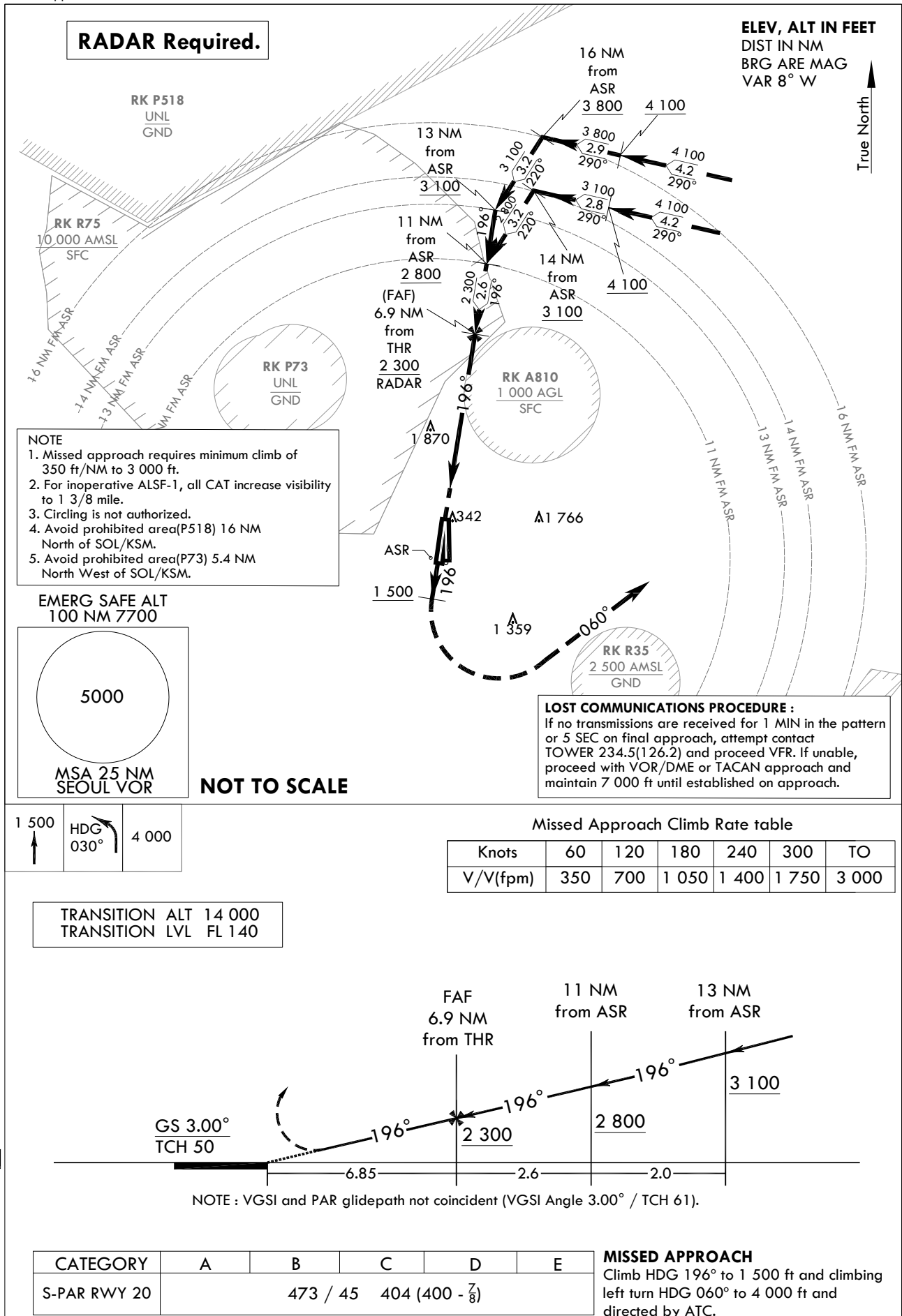
Change : Amended chart symbol.

INTENTIONALLY

LEFT

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



INTENTIONALLY

LEFT

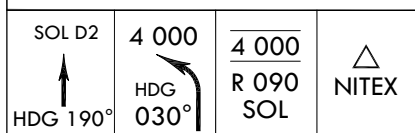
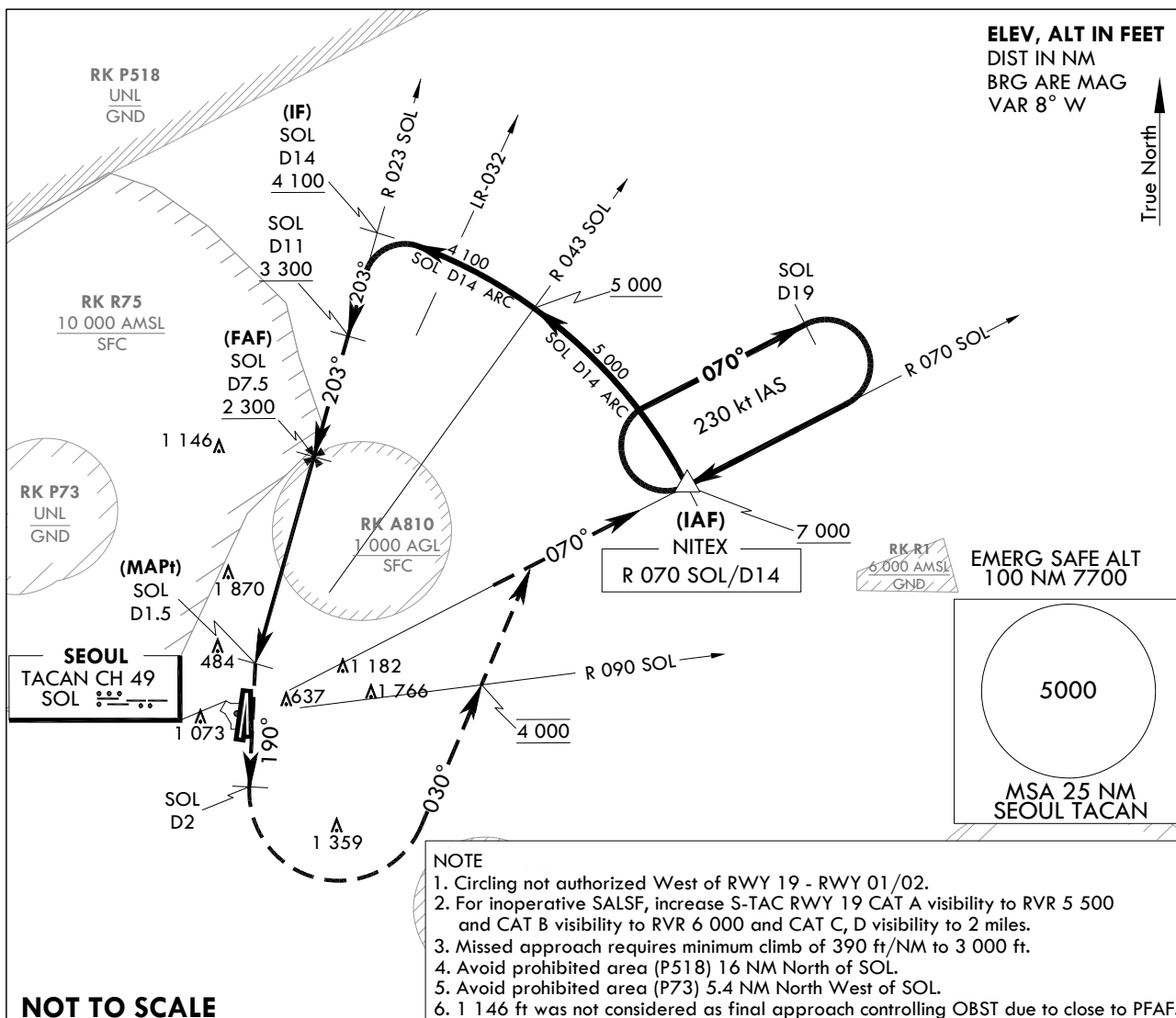
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**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

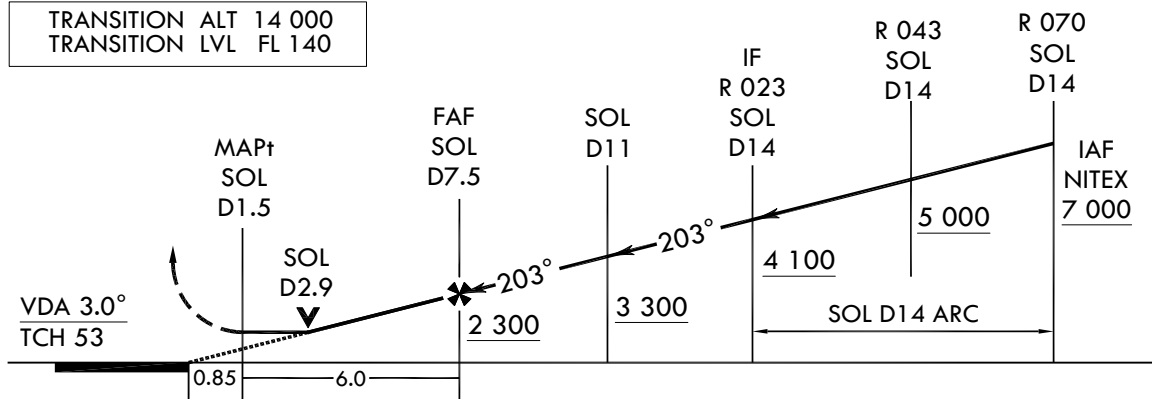
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
TACAN
RWY 19



Missed Approach Climb Rate table						
Knots	60	120	180	240	300	TO
V/V(fpm)	390	770	1 150	1 530	1 910	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-TAC RWY 19	820 / 40 748 (800 - 3/4)	820 / 55 748 (800 - 1)	820 - 1 7/8 748 (800 - 1 7/8)		N/A
Circling	1 020 - 1 1/4 927 (1 000 - 1 1/4)		1 560 - 3 1 467 (1 500 - 3)	2 260 - 3 2 167 (2 200 - 3)	N/A

MISSED APPROACH
Climb HDG 190° to SOL 2 DME and
climbing left turn HDG 030°
to cross R 090 SOL at 4 000 ft,
then R 070 SOL to NITEX and hold,
continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

LEFT

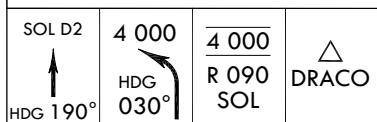
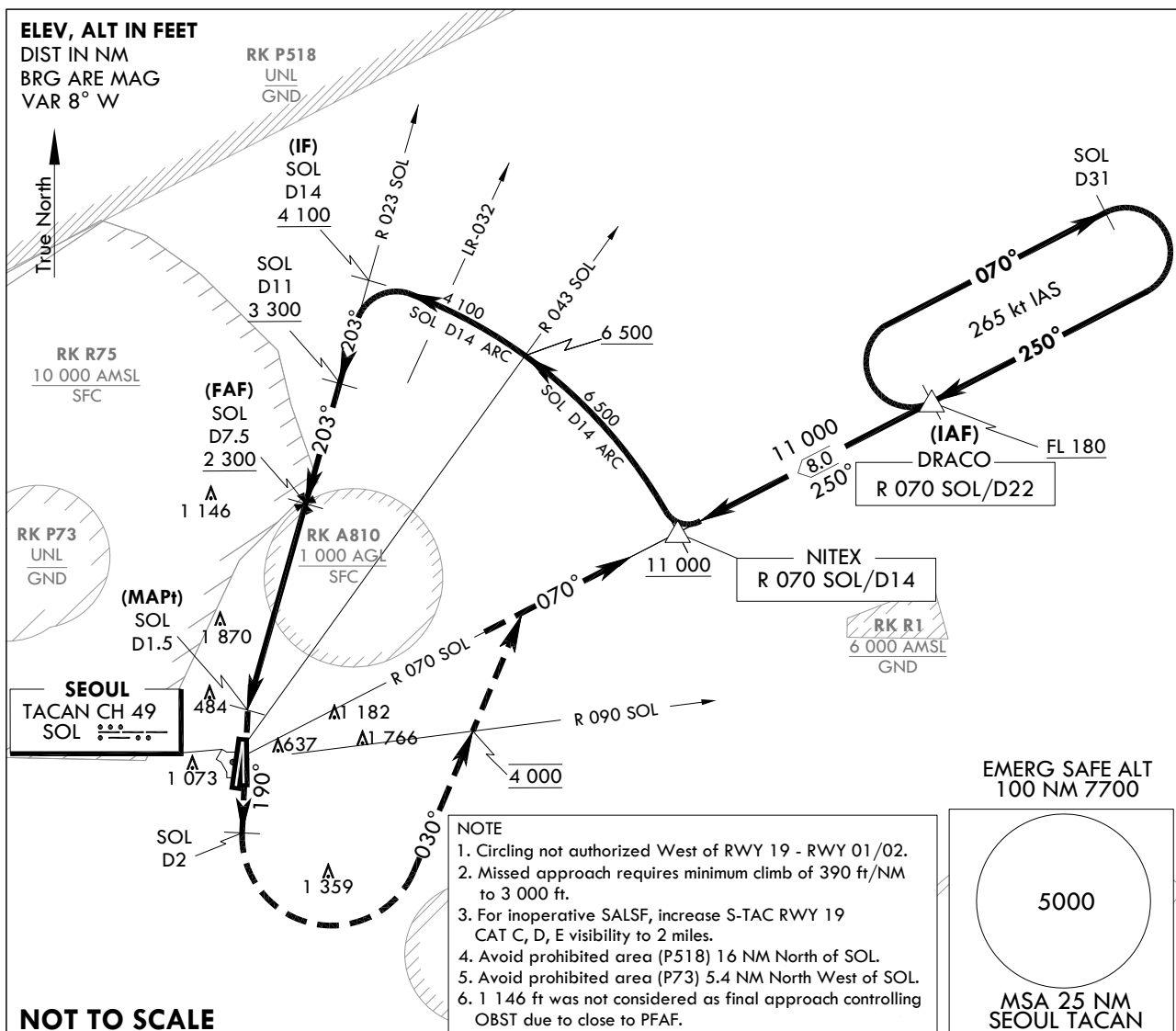
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**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

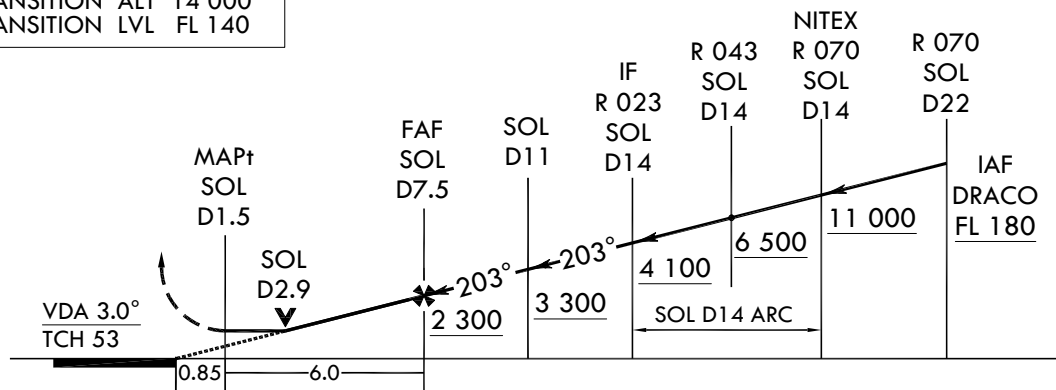
SEOUL/Seoul(RKSM)
HI-TACAN
RWY 19



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	390	770	1 150	1 530	1 910	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-TAC RWY 19	N/A			820 - 1 $\frac{7}{8}$ 748 (800 - 1 $\frac{7}{8}$)	
Circling	N/A		1 560 - 3 1 467(1 500-3)	2 260 - 3 2 167(2 200-3)	

MISSED APPROACH

Climb HDG 190° to SOL 2 DME and climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, then R 070 SOL to DRACO and hold, continue climb-in-holding to FL 180.

Change : Amended chart symbol.

INTENTIONALLY

LEFT

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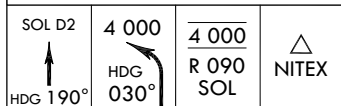
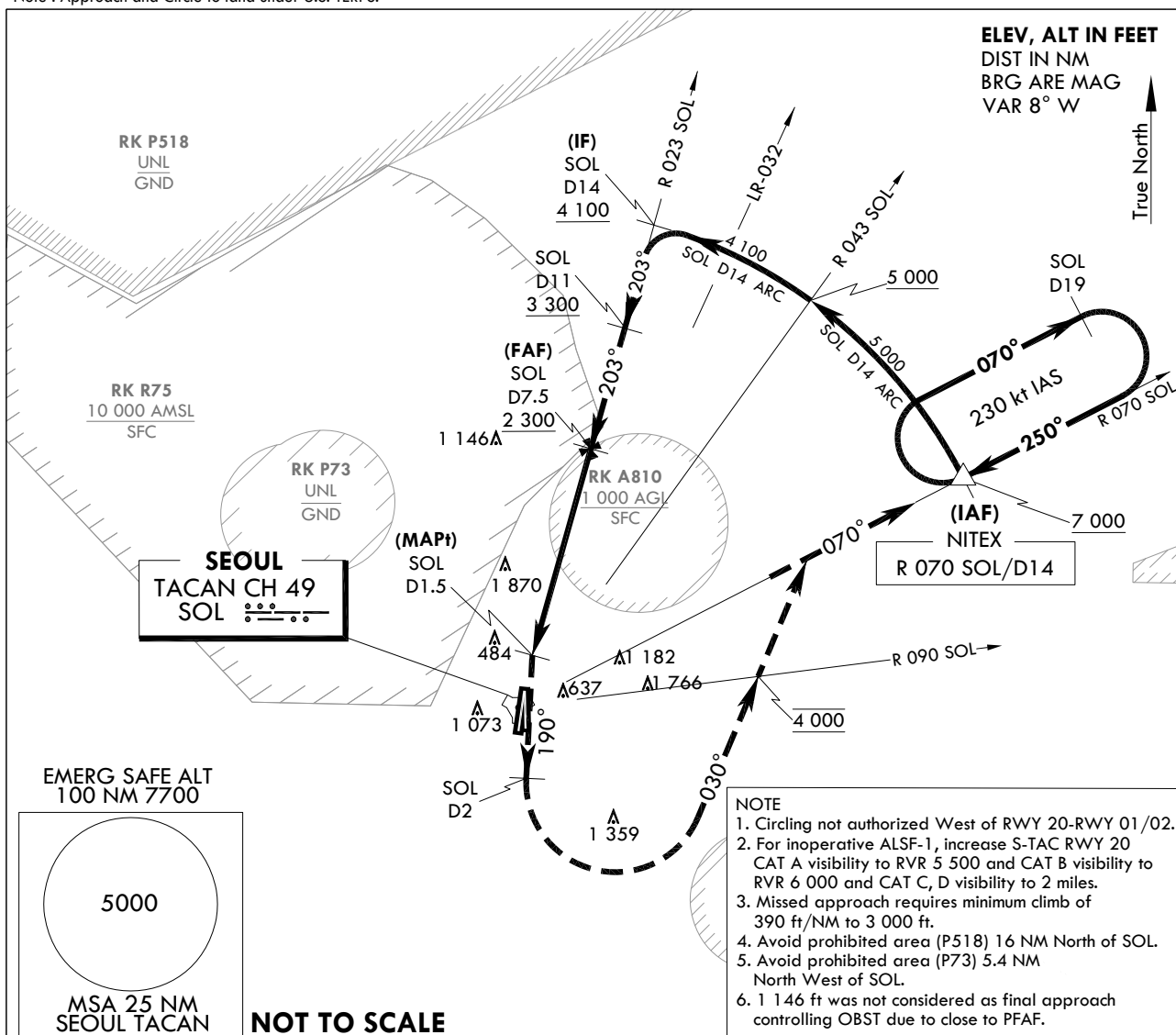
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
TACAN
RWY 20

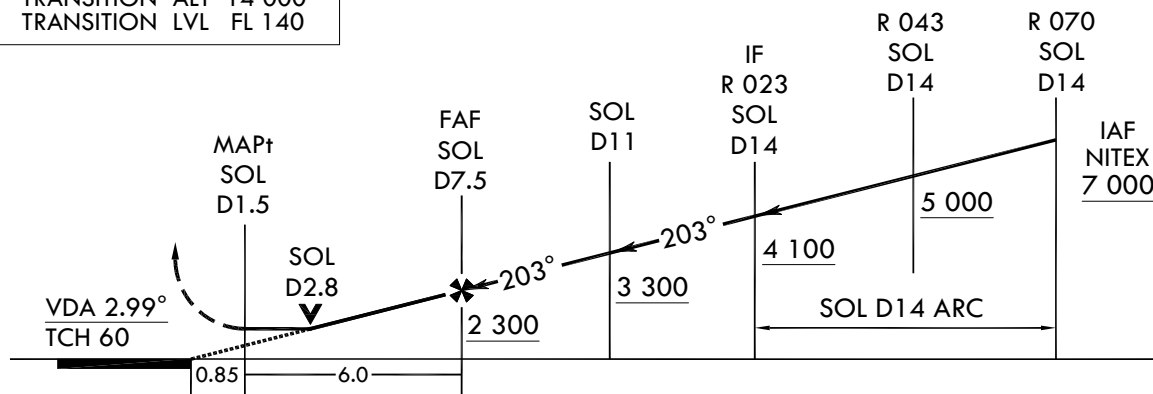
Note : Approach and Circle to land under U.S. TERPS.



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	390	770	1 150	1 530	1 910	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-TAC RWY 20	820 / 35 751 (800 - $\frac{5}{8}$)	820 / 40 751 (800 - $\frac{3}{4}$)	820 - $1\frac{3}{4}$ 751 (800 - $1\frac{3}{4}$)		N/A
Circling	1 020 - $1\frac{1}{4}$ 927 (1 000 - $1\frac{1}{4}$)		1 560 - 3 1 467 (1 500 - 3)	2 260 - 3 2 167 (2 200 - 3)	N/A

MISSED APPROACH

Climb HDG 190° to SOL 2 DME and climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, then R 070 SOL to NITEX and hold, continue climb-in-holding to 7 000 ft.

Change : Amended chart symbol.

INTENTIONALLY

LEFT

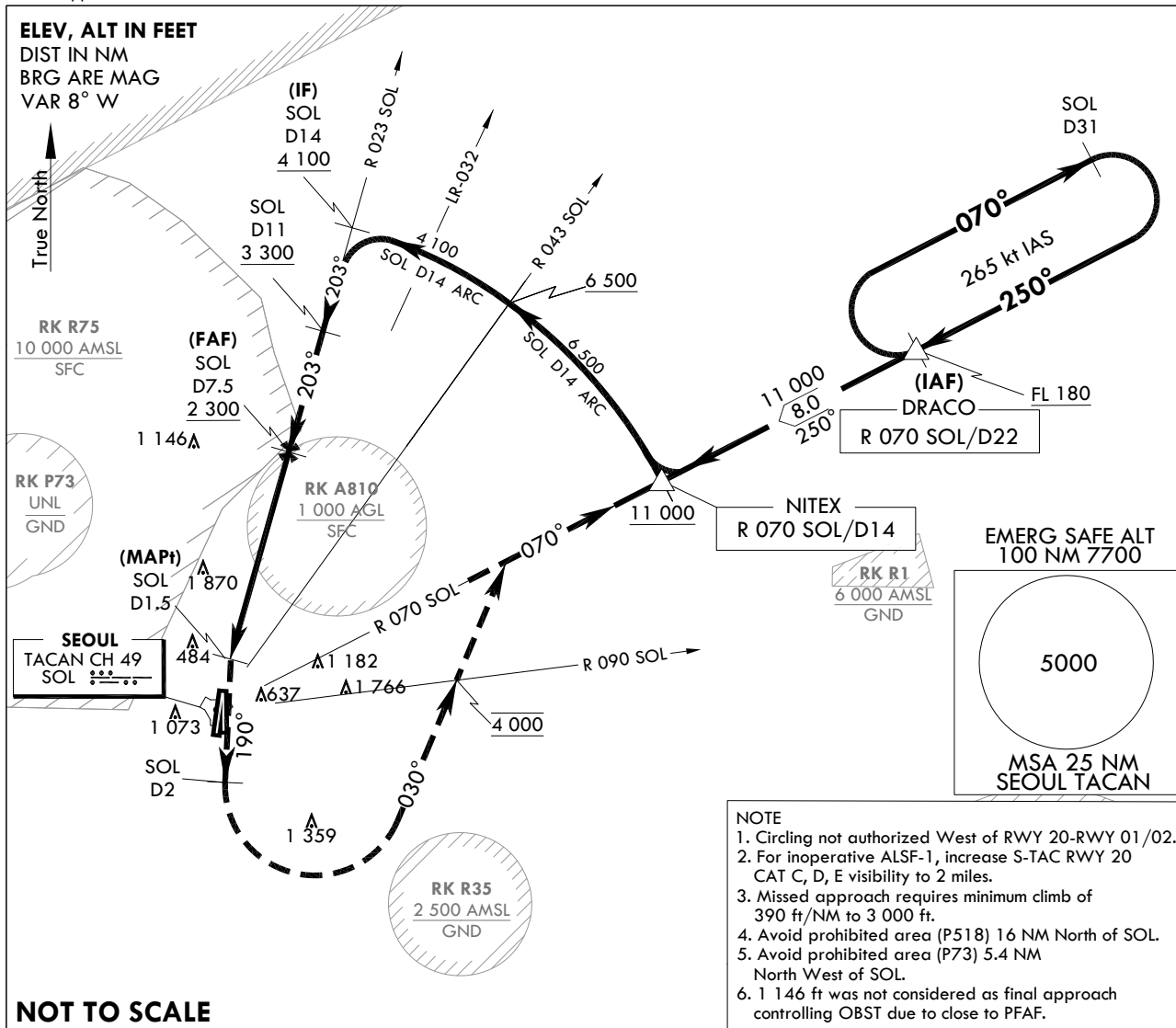
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AERODROME ELEV 93 ft
 HEIGHTS RELATED TO
 THR RWY 20 - ELEV **68 ft**
 HIGHEST ELEV TDZ 69 ft

SEOUL	APP	123.8	363.8
SEOUL	TWR	126.2	
		234.5	236.6

**SEOUL/Seoul(RKSM)
HI-TACAN
RWY 20**

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



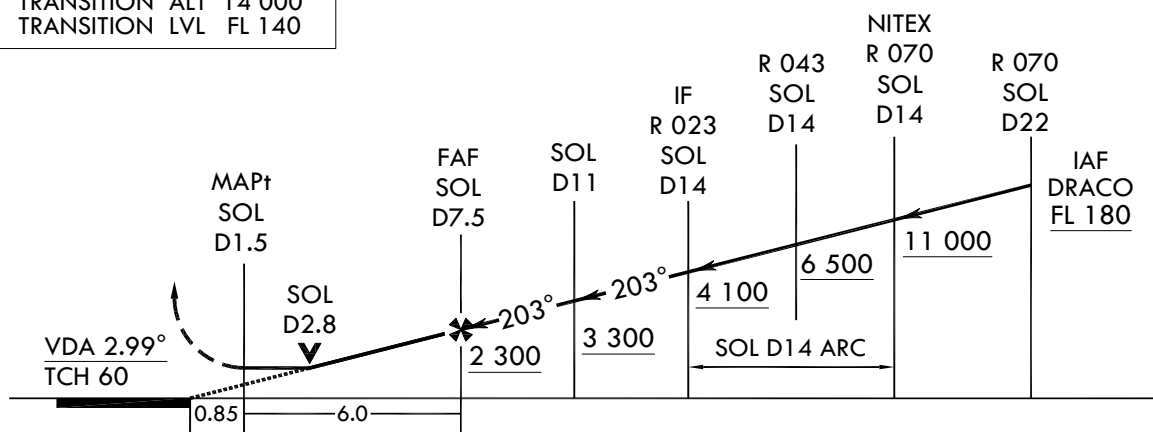
NOT TO SCALE

SOL D2 ↑ HDG 190°	4 000 HDG 030°	4 000 R 090 SOL	△ DRACO
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Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	390	770	1 150	1 530	1 910	3 000

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



CATEGORY	A	B	C	D	E
S-TAC RWY 20	N/A		$820 - 1\frac{3}{4}$ $751 (800 - 1\frac{3}{4})$		
Circling	N/A		$1\ 560 - 3$ $1\ 467(1\ 500-3)$	$2\ 260 - 3$ $2\ 167(2\ 200-3)$	

MISSED APPROACH

Climb HDG 190° to SOL 2 DME and climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, then R 070 SOL to DRACO and hold, continue climb-in-holding to FL 180.

Change : Amended chart symbol.

INTENTIONALLY

LEFT

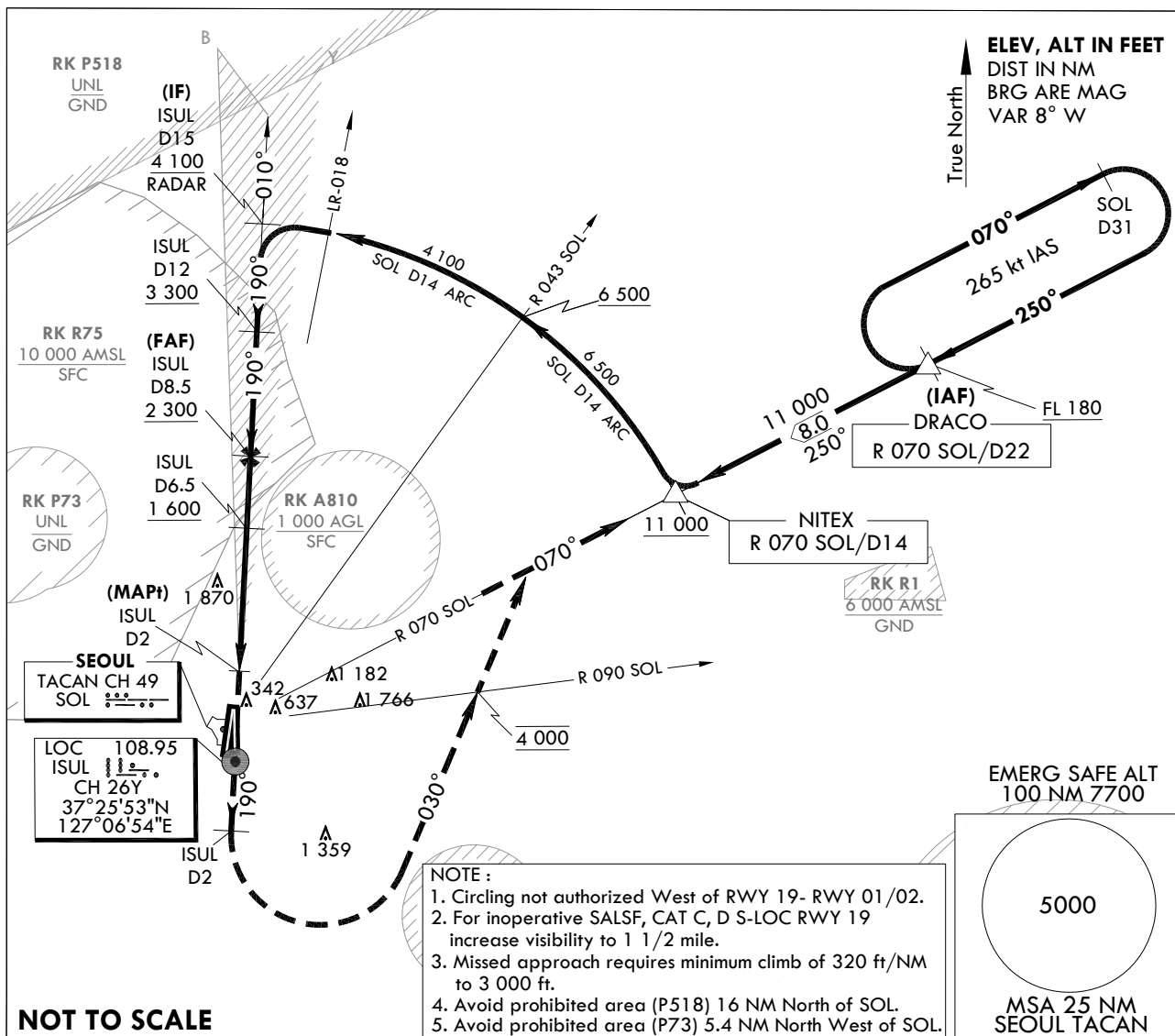
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**INSTRUMENT
APPROACH
CHART**

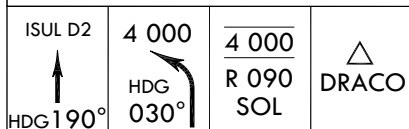
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
HI-LOC/DME
RWY 19



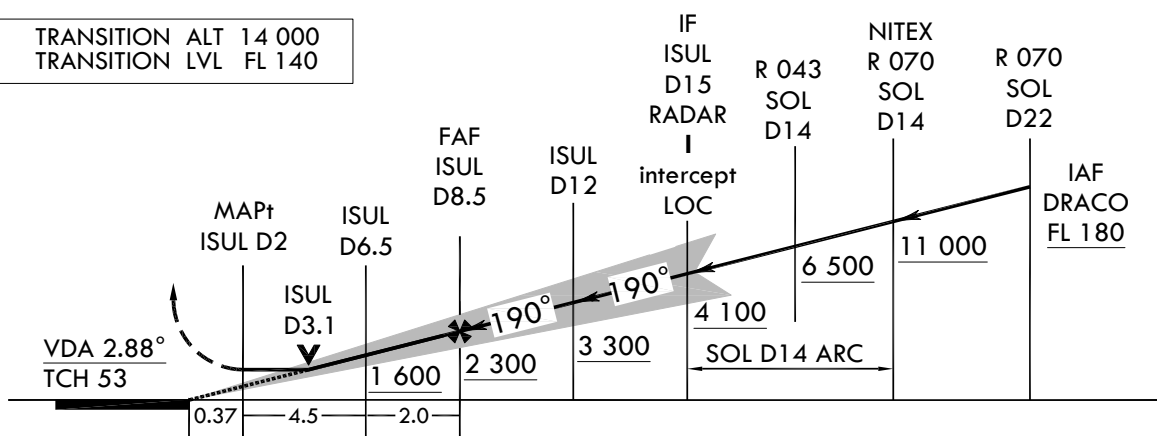
NOT TO SCALE



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	320	640	960	1 280	1 590	3 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-LOC RWY 19	N/A		600 - 1 1/4	528 (600 - 1 1/4)	
Circling	N/A		1 560 - 3 1 467(1 500-3)	2 260 - 3 2 167(2 200-3)	

MISSED APPROACH

Climb HDG 190° to ISUL 2 DME and climbing left turn HDG 030° to cross R 090 SOL TACAN at 4 000 ft, then R 070 SOL to DRACO and hold, continue climb-in-holding to FL 180.

Change : Amended chart symbol.

INTENTIONALLY

LEFT

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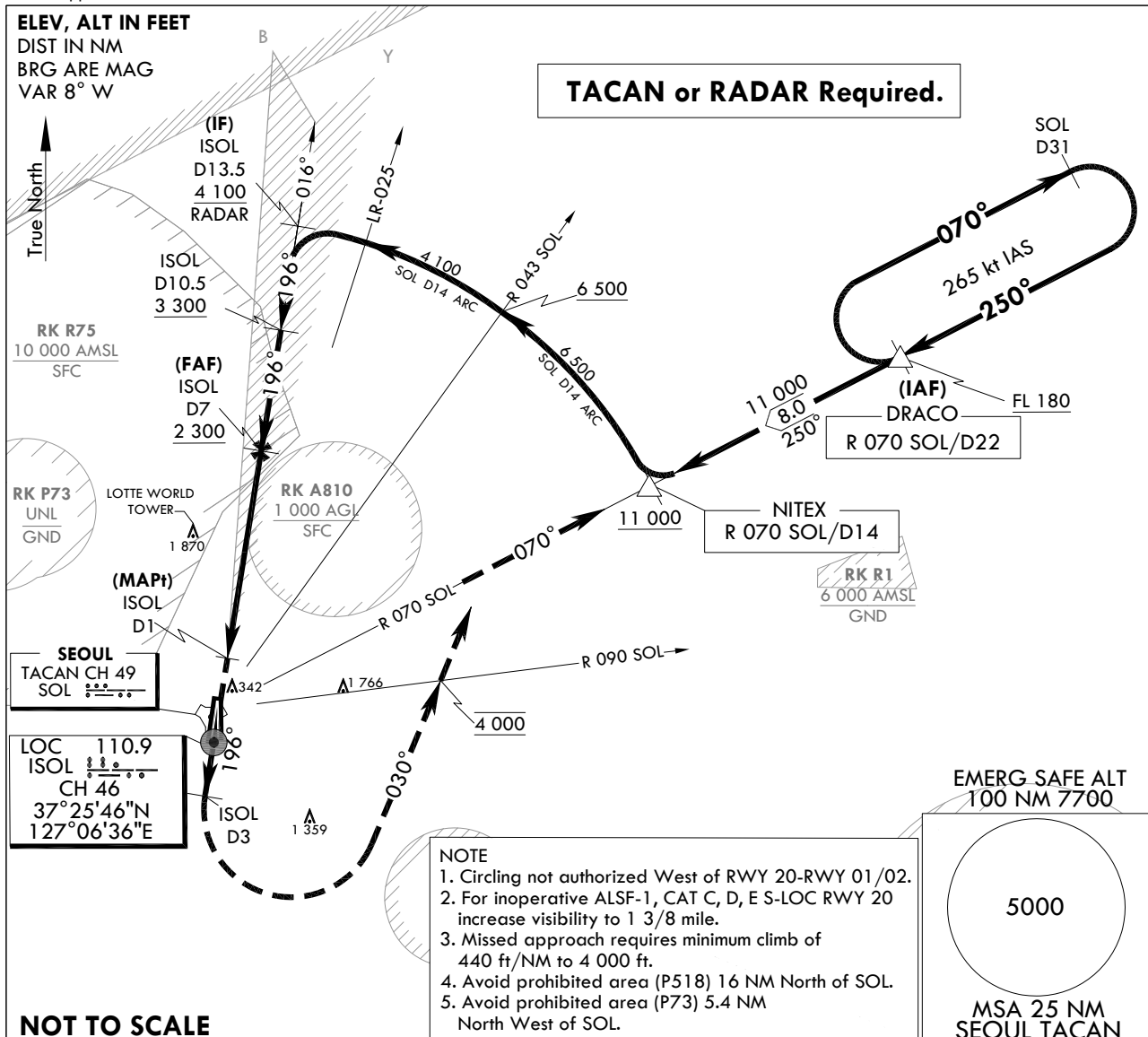
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

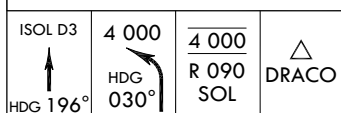
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
HI-LOC/DME
RWY 20

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



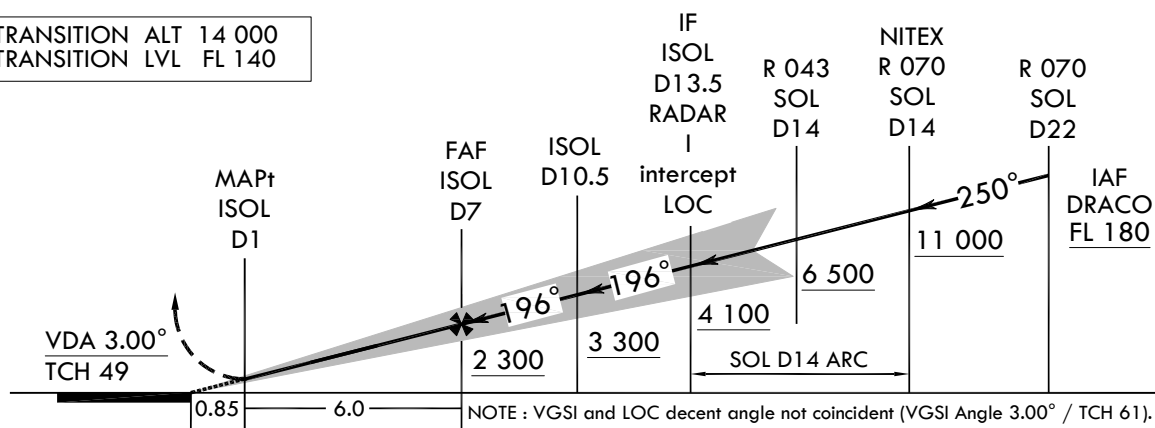
NOT TO SCALE



Missed Approach Climb Rate table

Knots	60	120	180	240	300	TO
V/V(fpm)	440	880	1 320	1 760	2 200	4 000

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D	E
S-LOC RWY 20	N/A			520/45 451 (500 - $\frac{7}{8}$)	
Circling	N/A		1 560 - 3 1 467(1 500-3)	2 260 - 3 2 167(2 200-3)	

MISSED APPROACH

Climb HDG 196° to ISOL 3 DME and climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, then R 070 SOL to DRACO and hold, continue climb-in-holding to FL 180.

Change : Amended chart symbol.

INTENTIONALLY

LEFT

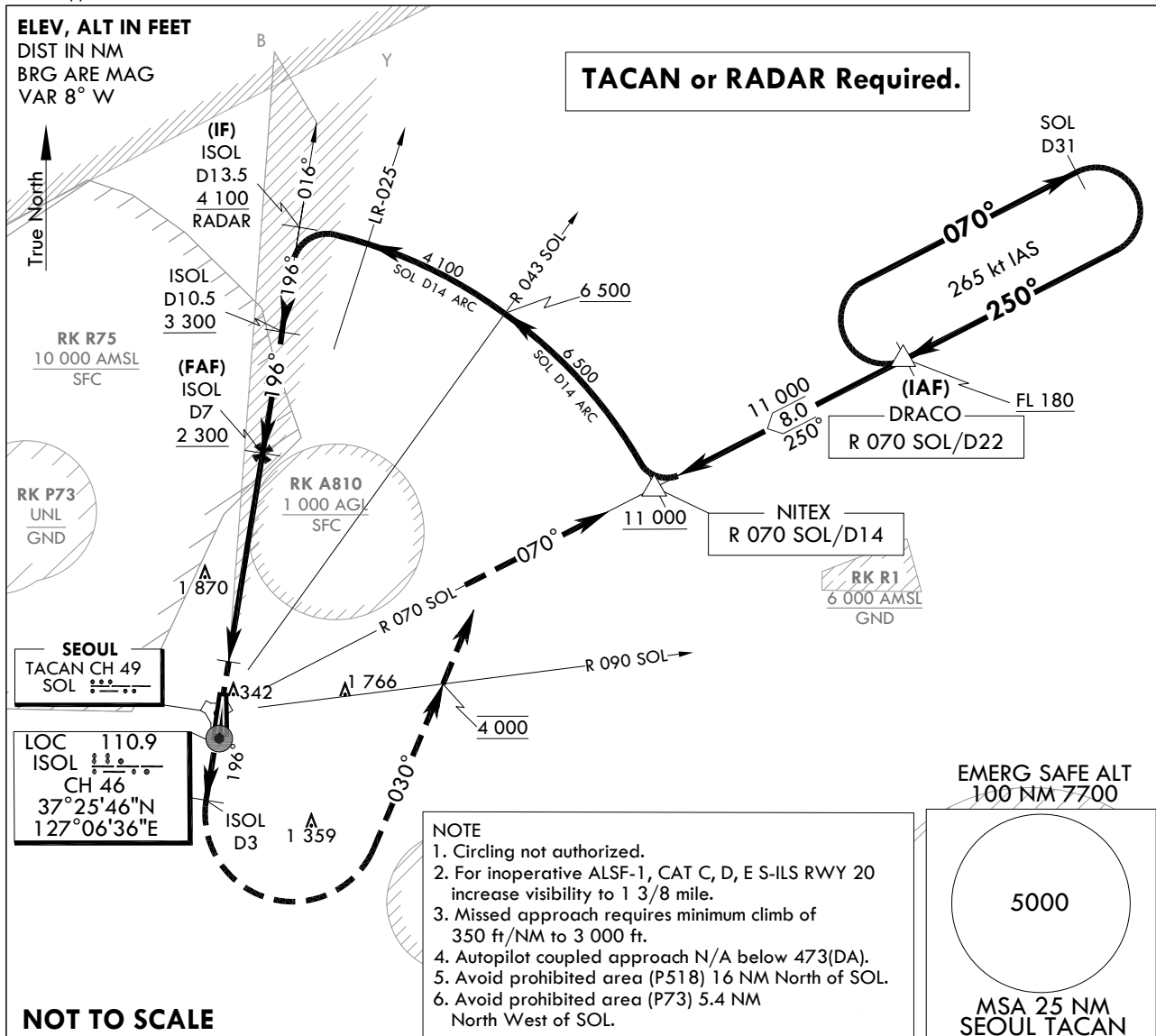
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AERODROME ELEV 93 ft
 HEIGHTS RELATED TO
 THR RWY 20 - ELEV **68 ft**
 HIGHEST ELEV TDZ 69 ft

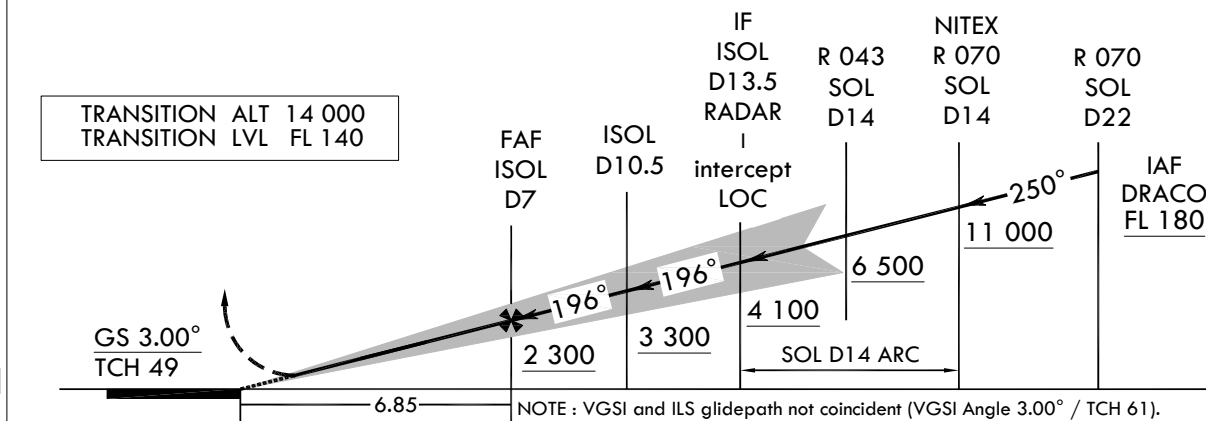
SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	234.5	236.6

SEOUL/Seoul(RKSM)
HI-ILS
RWY 20

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



Knots	60	120	180	240	300	TO
V/V(fpm)	350	700	1 050	1 400	1 750	3 000



CATEGORY	A	B	C	D	E
S-ILS RWY 20	N/A		473/45 404 (400 - $\frac{7}{8}$)		

MISSED APPROACH
Climb HDG 196° to ISOL 3 DME and
climbing left turn HDG 030°
to cross R 090 SOL at 4 000 ft,
then R 070 SOL to DRACO and hold,
continue climb-in-holding to FL 180.

INTENTIONALLY

LEFT

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RKTH AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RKTH - POHANG GYEONGJU/Domestic

RKTH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	355916N 1292507E 98° / 908 m from THR 10
2	Direction and distance from city	125°, 8 km from Pohang City Hall
3	Elevation/Reference temperature	23 m / 30.9 °C
4	Geoid undulation at AD ELEV PSN	29 m
5	MAG VAR/Annual change	8° W (2020) / 0.088° Increasing
6	Aerodrome Operator, Address, Telephone, Telefax, AFS	KAC Korea Airports Corporation(Pohang Gyeongju Airport) 18, Ilwol-ro, Donghae-myeon, Nam-gu, Pohang-si, Gyeongsangbuk-do, 37926, Republic of Korea TEL : +82-54-289-7314 Telefax : +82-54-289-7366 AFS : RKTHZPZX
		ROKN Republic of Korea Navy(ROKN) Naval Air Command
7	Type of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	NIL

RKTH AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	2200-1300 UTC
2	Customs and Immigration	NIL
3	Health and Sanitation	NIL
4	AIS Briefing Office	0000-1220 UTC
5	ATS Reporting Office(ARO)	0000-1220 UTC
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	HO
9	Handling	HO
10	Security	HO
11	De-icing	HO
12	Remarks	NIL

RKTH AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	NIL
2	Fuel/oil types	JP-8, 0-128(Available by agreement with ROKN)
3	Fuelling facilities/capacity	NIL
4	De-icing facilities	One de-icing pad (Aircraft stand NR. 4) (See Aircraft Parking/Docking Chart)
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

Change : Information of operational hours for AIS briefing office and ATS reporting office(ARO).

RKTH AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotel in Pohang city
2	Restaurants	Yes
3	Transportation	Buses, taxis, and rental cars
4	Medical facilities	Hospitals in Pohang city, 11 km
5	Bank and Post Office	NIL
6	Tourist Office	HO
7	Remarks	http://www.airport.co.kr/mbs/pohang/

RKTH AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	Category 7
2	Rescue equipment	a. 4 Chemical crash rescue & fire fighting trucks - Total capacity - Water : 17 678 L - AFFF : 3 100 L - Dry chemical : 280 kg b. 3 Supplementary water tank trucks : Total capacity 19 500 L c. 1 Rescue truck d. 1 Ambulance
3	Capability for removal of disabled aircraft	Specialized aircraft recovery equipment available for up to and including B737-800 size aircraft. 270 ton crane and other accessory equipment can be provided by airlines and agencies. Korea Airports Corporation is the co-ordinator for the removal of disabled aircraft and can be reached at Airport Duty Manager. (TEL : +82-54-289-7312~7317)
4	Remarks	NIL

RKTH AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	a. ROKN* : 4 Dump trucks b. KAC** : 1 Multipurpose snow removal truck, 1 Tractor, 1 Snow plough, 1 Thawing material spreader
2	Clearance priorities	a. RWY 10/28 b. TWY c. Apron
3	Remarks	Snow clearance information promulgated by SNOWTAM * Republic of Korea Navy(ROKN) ** Korea Airports Corporation(KAC)

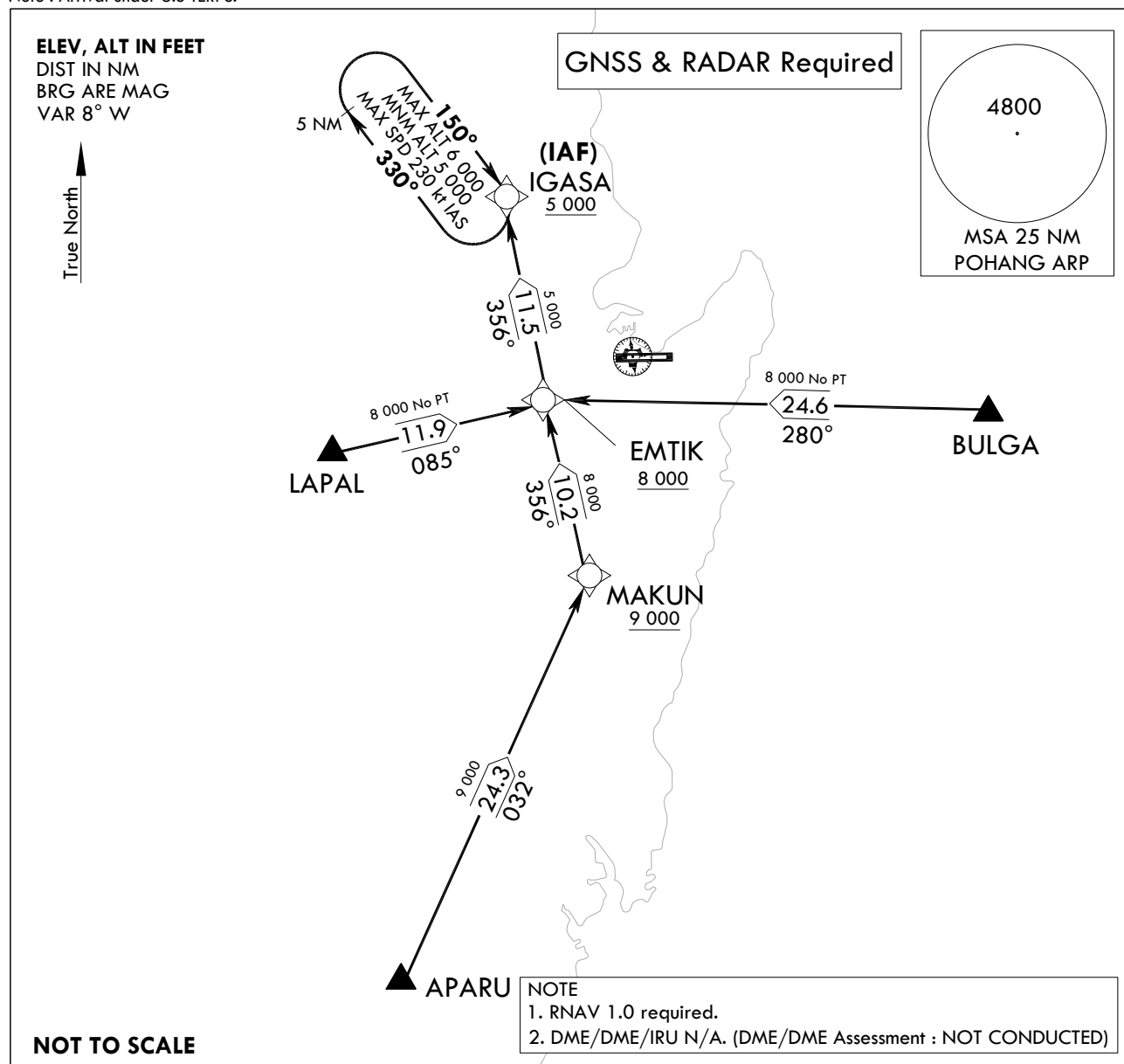
**STANDARD ARRIVAL CHART
INSTRUMENT (STAR)**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

POHANG APP 124.25 120.2
232.4
POHANG TWR 118.05 236.6
308.50

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

Note : Arrival under U.S TERPS.



ARRIVAL ROUTE DESCRIPTION

LAPAL TRANSITION : From LAPAL track 085° to cross EMTIK at or above 8 000 ft, thence...

APARU TRANSITION : From APARU track 032° to cross MAKUN at or above 9 000 ft, then track 356° to cross EMTIK at or above 8 000 ft, thence.....

BULGA TRANSITION : From BULGA track 280° to cross EMTIK at or above 8 000 ft, thence.....

LANDING RWY 10 : From EMTIK track 356° to cross IGASA at or above 5 000 ft, then expect RNAV approach.

Change : Information of LAPAL, APARU, BULGA(reporting requirement) and IGASA(IAF).

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

AERONAUTICAL DATA TURBULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV EMTIK 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	TF	LAPAL	-	-	-	-	-	-	35°54'12.6"N 129°04'52.0"E	-	RNAV 1	-
002	TF	EMTIK	-	085 (076.9)	11.9	-	+8 000	-	35°56'53.9"N 129°19'09.8"E	-	RNAV 1	-

RNAV EMTIK 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	TF	APARU	-	-	-	-	-	-	35°24'42.1"N 129°09'32.1"E	-	RNAV 1	-
002	TF	MAKUN	-	032 (024.4)	24.3	-	+9 000	-	35°46'53.0"N 129°21'52.8"E	-	RNAV 1	-
003	TF	EMTIK	-	356 (347.6)	10.2	-	+8 000	-	35°56'53.9"N 129°19'09.8"E	-	RNAV 1	-

RNAV EMTIK 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	TF	BULGA	-	-	-	-	-	-	35°56'08.6"N 129°49'24.4"E	-	RNAV 1	-
002	TF	EMTIK	-	280 (271.9)	24.6	-	+8 000	-	35°56'53.9"N 129°19'09.8"E	-	RNAV 1	-

RNAV EMTIK 1 - LANDING RWY 10

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	EMTIK	-	-	-	-	-	-	35°56'53.9"N 129°19'09.8"E	-	RNAV 1	-
002	TF	IGASA	-	356 (348.3)	11.5	-	+5 000	-230	36°08'10.4"N 129°16'16.6"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNAV RWY 10	HM	IGASA	-	150	5	R	-6 000 +5 000	-230	36°08'10.4"N 129°16'16.6"E	-	RNAV 1	Inbound Leg

Change : Information of remarks for IGASA.

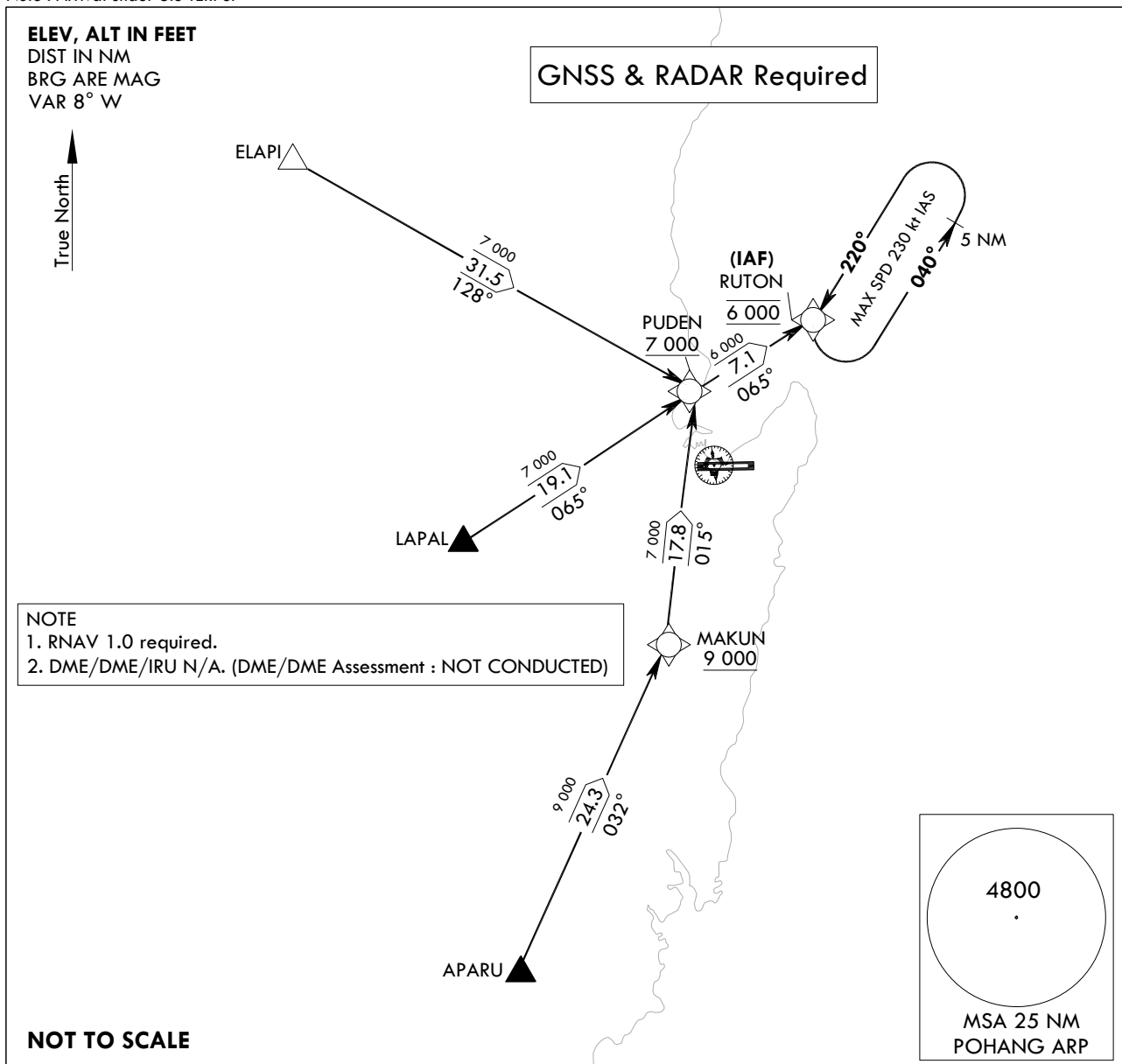
**STANDARD ARRIVAL
CHART
INSTRUMENT (STAR)**

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

POHANG APP	124.25	120.2
POHANG TWR	232.4	
	118.05	236.6
	308.50	

POHANG/Pohang Gyeongju(RKTH)
RNAV PUDEN 1
RWY 28

Note : Arrival under U.S TERPS.



ARRIVAL ROUTE DESCRIPTION

ELAPI TRANSITION : From ELAPI track 128° to cross PUDEN at or above 7 000 ft, thence....

LAPAL TRANSITION : From LAPAL track 065° to cross PUDEN at or above 7 000 ft, thence....

APARU TRANSITION : From APARU track 032° to cross MAKUN at or above 9 000 ft, then track 015° to cross PUDEN at or above 7 000 ft, thence....

LANDING RWY 28 : From PUDEN track 065° to cross RUTON at 6 000 ft, then expect RNAV approach.

Change : Information of LAPAL, APARU(reporting requirement) and RUTON(IAF).

POHANG/Pohang Gyeongju(RKTH)
RNAV PU DEN 1
RWY 28

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV PU DEN 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	TF	ELAPI	-	-	-	-	-	-	36°20'14.1"N 128°50'50.9"E	-	RNAV 1	-
002	TF	PUDEN	-	128 (119.6)	31.5	-	+7 000	-	36°04'36.0"N 129°24'35.5"E	-	RNAV 1	-

RNAV PU DEN 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	TF	LAPAL	-	-	-	-	-	-	35°54'12.6"N 129°04'52.0"E	-	RNAV 1	-
002	TF	PUDEN	-	065 (057.0)	19.1	-	+7 000	-	36°04'36.0"N 129°24'35.5"E	-	RNAV 1	-

RNAV PU DEN 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	TF	APARU	-	-	-	-	-	-	35°24'42.1"N 129°09'32.1"E	-	RNAV 1	-
002	TF	MAKUN	-	032 (024.4)	24.3	-	+9 000	-	35°46'53.0"N 129°21'52.8"E	-	RNAV 1	-
003	TF	PUDEN	-	015(007.1)	17.8	-	+7 000	-	36°04'36.0"N 129°24'35.5"E	-	-	-

RNAV PU DEN 1 - LANDING RWY 28

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	PUDEN	-	-	-	-	-	-	36°04'36.0"N 129°24'35.5"E	-	-	-
002	TF	RUTON	-	065 (057.2)	7.1	-	@6 000	-230	36°08'26.0"N 129°31'55.0"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV RWY 28	HM	RUTON	-	220	5	L	@6 000	-230	36°08'26.0"N 129°31'55.0"E	-	RNAV 1	Inbound Leg

Change : Information of remarks for RUTON.

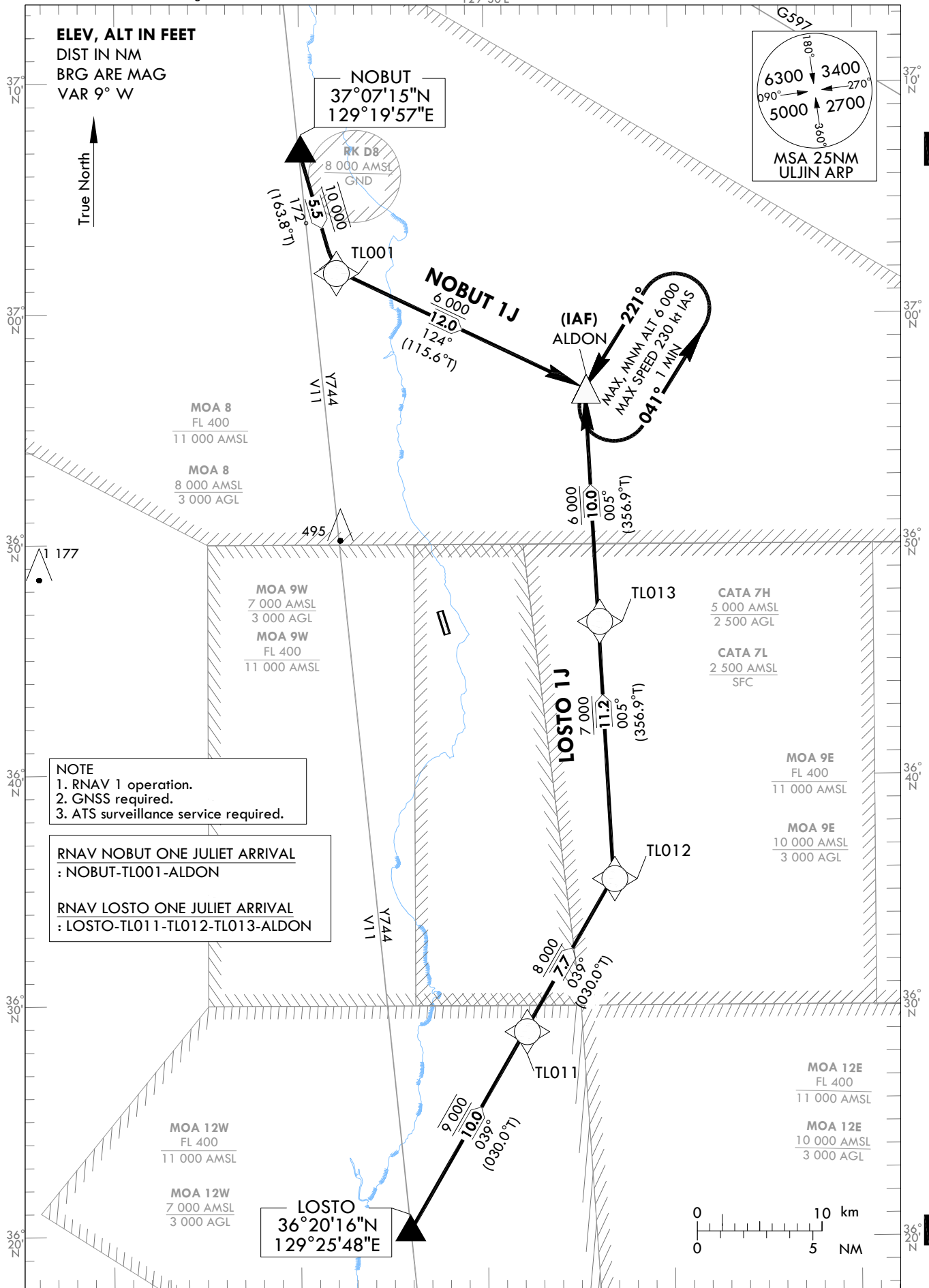
STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

ULJIN	ARR	120.875
ULJIN	TWR	317.65
		118.55
		317.45

ULJIN/ULjin(RKTL)
RWY 17
RNAV NOBUT 1J
RNAV LOSTO 1J

Note : Arrival under ICAO flight Procedures.



Change : Information of NOBUT and LOSTO(reporting requirement).

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV NOBUT 1J

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	IF	NOBUT	-	-	-	-	-	-	37°07'15.1"N 129°19'56.6"E	-	RNAV 1	-
002	TF	TL001	-	172(163.8)	5.5	-	@10 000	-	37°01'57.9"N 129°21'52.1"E	-	RNAV 1	-
003	TF	ALDON	-	124(115.6)	12.0	-	+6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNAV 1	IAF

RNAV LOSTO 1J

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	IF	LOSTO	-	-	-	-	-	-	36°20'15.8"N 129°25'48.3"E	-	RNAV 1	-
002	TF	TL011	-	039(030.0)	10.0	-	@9 000	-	36°28'56.0"N 129°32'00.2"E	-	RNAV 1	-
003	TF	TL012	-	039(030.0)	7.7	-	+8 000	-	36°35'34.5"N 129°36'46.2"E	-	RNAV 1	-
004	TF	TL013	-	005(356.9)	11.2	-	+7 000	-	36°46'46.3"N 129°36'02.3"E	-	RNAV 1	-
005	TF	ALDON	-	005(356.9)	10.0	-	+6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV NOBUT 1J RNAV LOSTO 1J	HM	ALDON	Y	041(032.0)	1.0	L	@6 000	-230	36°56'46.3"N 129°35'23.0"E	-	RNAV 1	-

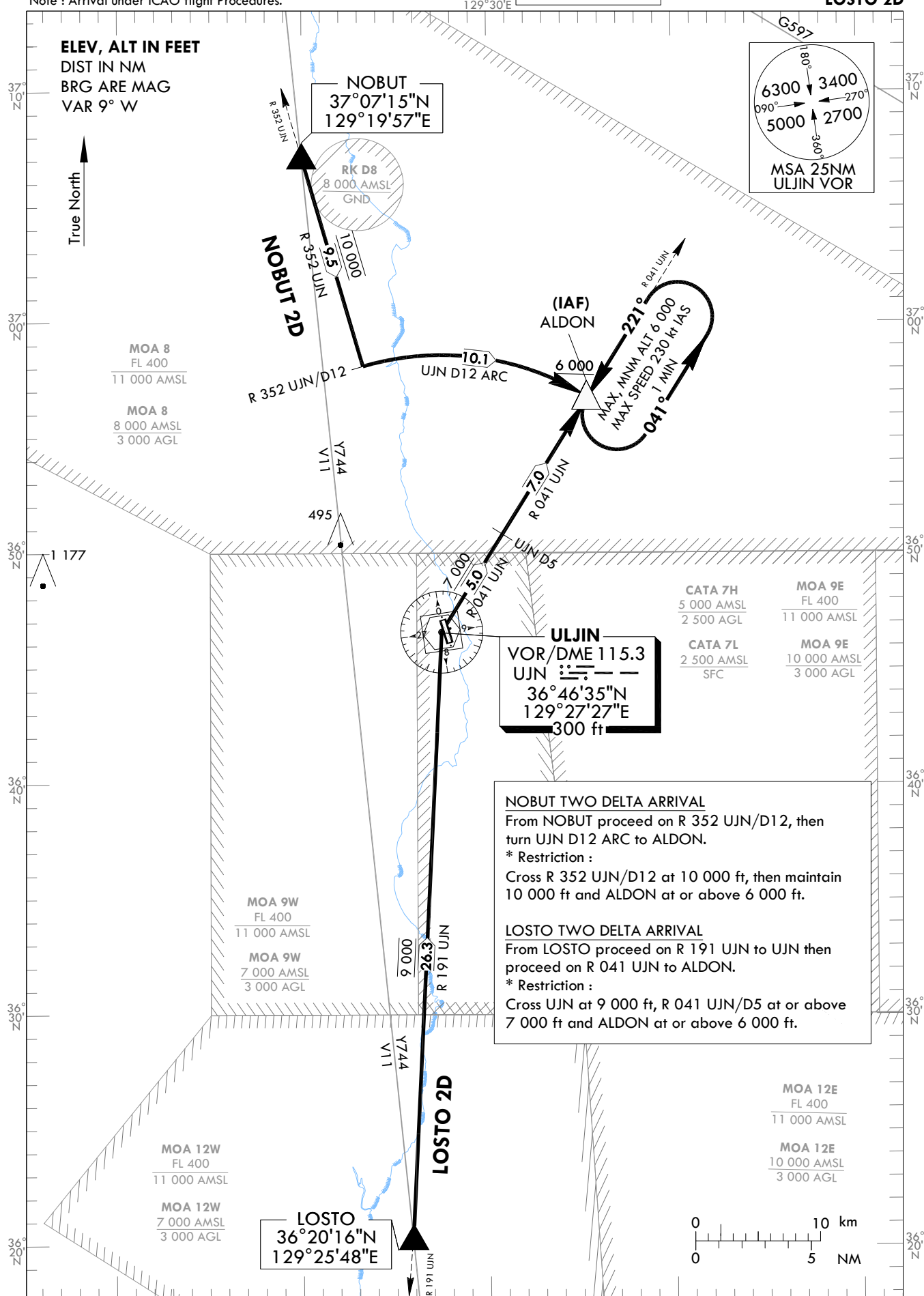
STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

ULJIN	ARR	120.875
ULJIN	TWR	317.65
ULJIN	TWR	118.55
ULJIN	TWR	317.45

ULJIN/ULjin(RKTL)
RWY 17
NOBUT 2D
LOSTO 2D

Note : Arrival under ICAO flight Procedures.



Change : Information of NOBUT and LOSTO(reporting requirement).

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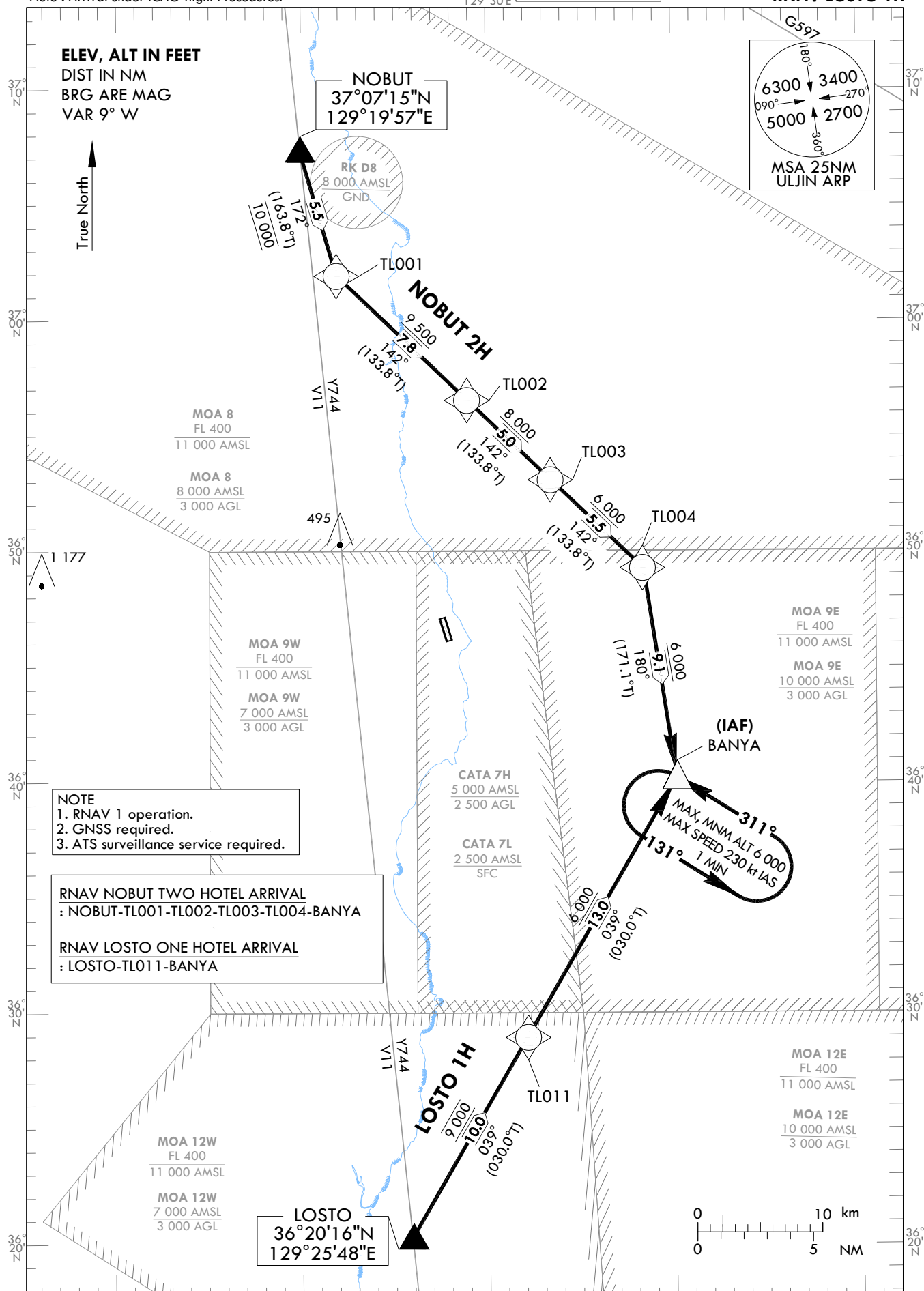
STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

ULJIN	ARR	120.875
ULJIN	TWR	317.65
		118.55
		317.45

ULJIN/ULjin(RKTL)
RWY 35
RNAV NOBUT 2H
RNAV LOSTO 1H

Note : Arrival under ICAO flight Procedures.



Change : Information of NOBUT and LOSTO(reporting requirement).

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV NOBUT 2H

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	IF	NOBUT	-	-	-	-	-	-	37°07'15.1"N 129°19'56.6"E	-	RNAV 1	-
002	TF	TL001	-	172(163.8)	5.5	-	@10 000	-	37°01'57.9"N 129°21'52.1"E	-	RNAV 1	-
003	TF	TL002	-	142(133.8)	7.8	-	+9 500	-	36°56'33.3"N 129°28'54.3"E	-	RNAV 1	-
004	TF	TL003	-	142(133.8)	5.0	-	+8 000	-	36°53'05.2"N 129°33'24.1"E	-	RNAV 1	-
005	TF	TL004	-	142(133.8)	5.5	-	+6 000	-	36°49'15.2"N 129°38'21.7"E	-	RNAV 1	-
006	TF	BANYA	-	180(171.1)	9.1	-	+6 000	-	36°40'12.4"N 129°40'05.8"E	-	RNAV 1	IAF

RNAV LOSTO 1H

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	IF	LOSTO	-	-	-	-	-	-	36°20'15.8"N 129°25'48.3"E	-	RNAV 1	-
002	TF	TL011	-	039(030.0)	10.0	-	@9 000	-	36°28'56.0"N 129°32'00.2"E	-	RNAV 1	-
003	HM	BANYA	-	039(030.0)	13.0	-	+6 000	-	36°40'12.4"N 129°40'05.8"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNAV NOBUT 2H RNAV LOSTO 1H	HM	BANYA	Y	131(122.0)	1.0	L	@6 000	-230	36°40'12.4"N 129°40'05.8"E	-	RNAV 1	-

STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO

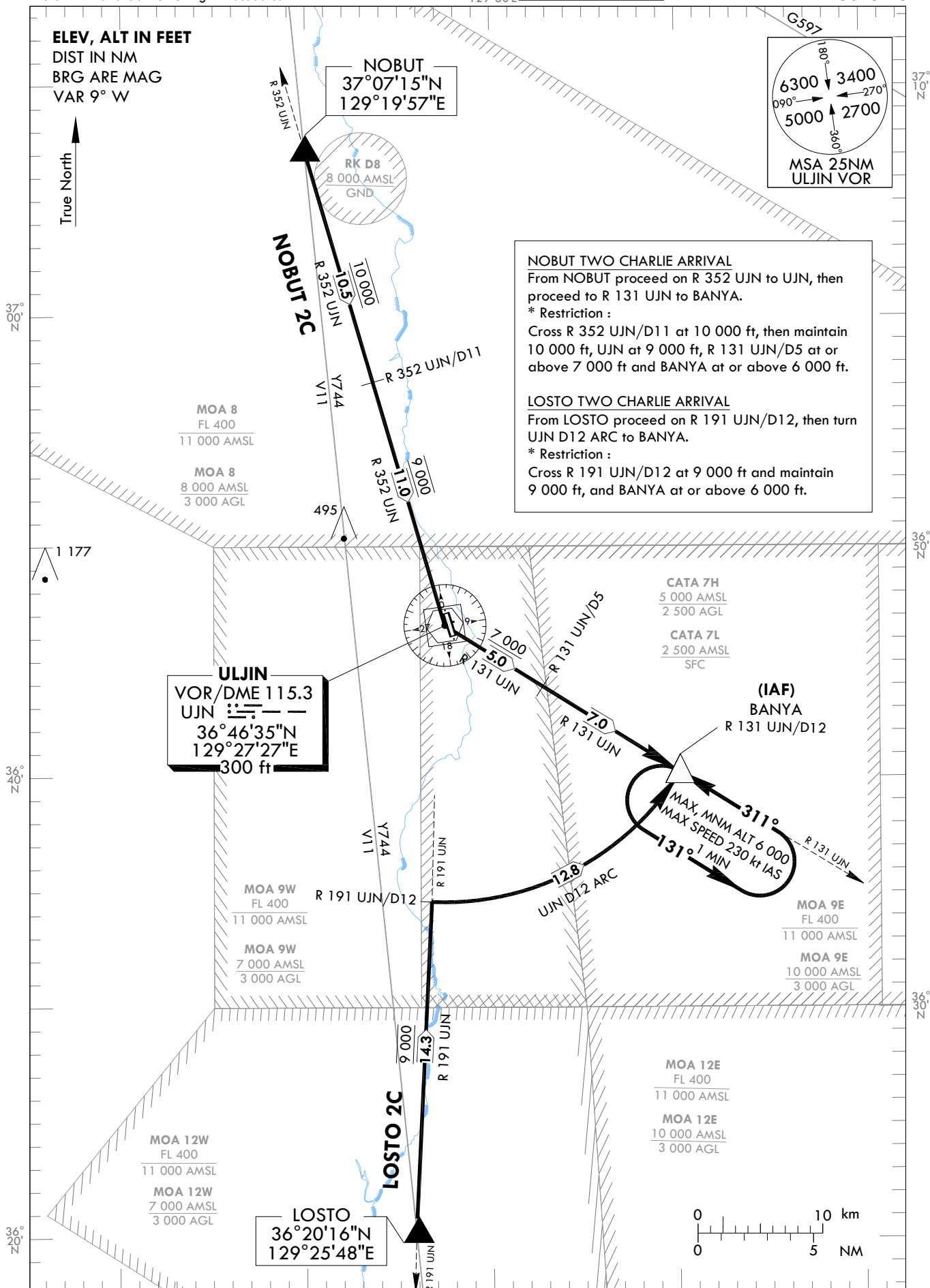
TRANSITION ALT 14 000
TRANSITION LVL FL 140

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/ULjin(RKTL)
RWY 35
NOBUT 2C
LOSTO 2C

Note : Arrival under ICAO flight Procedures.

129°30'E



Change : Information of NOBUT and LOSTO(reporting requirement).

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