

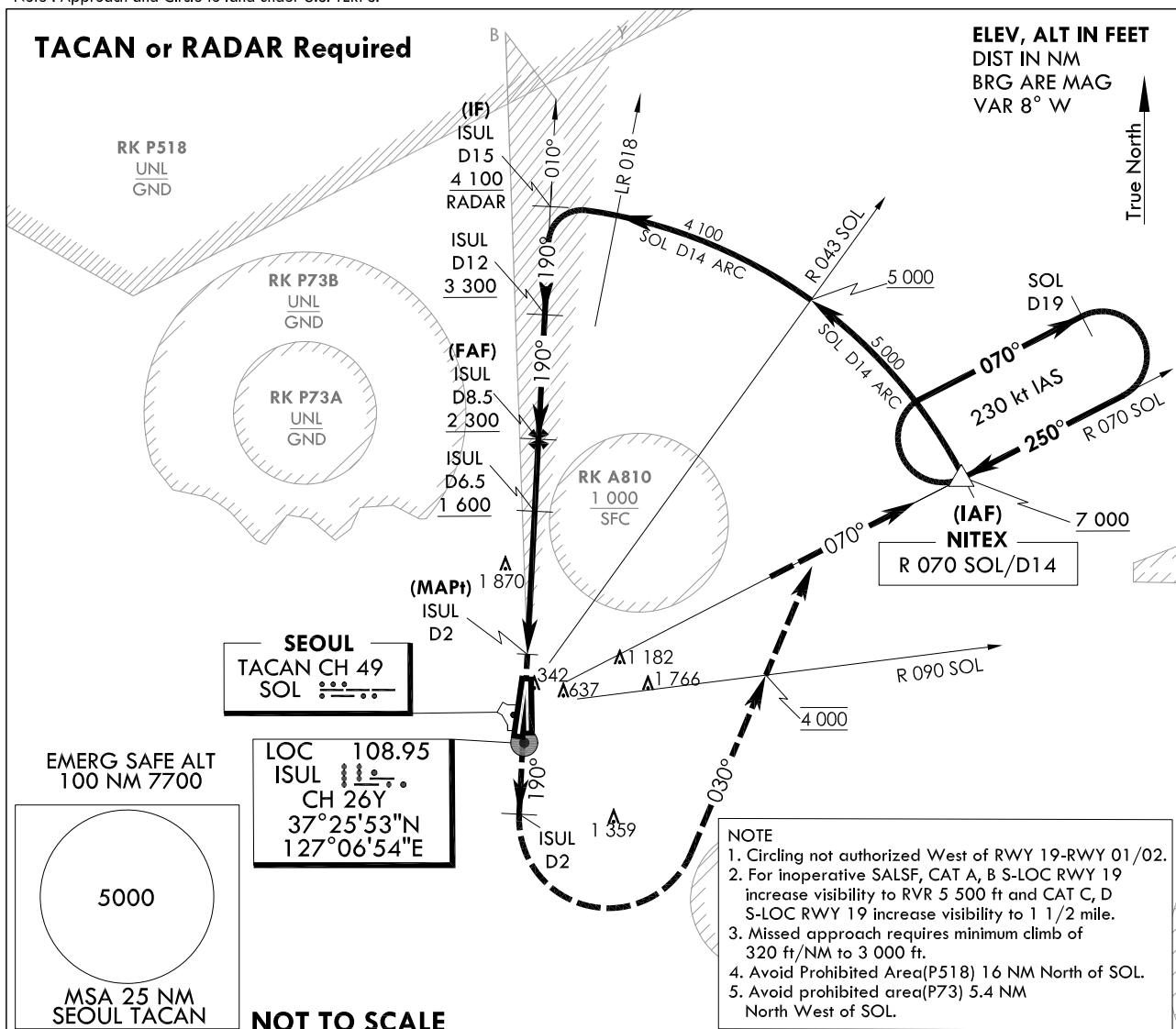
**INSTRUMENT
APPROACH
CHART**

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

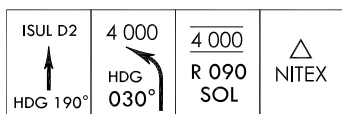
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

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

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

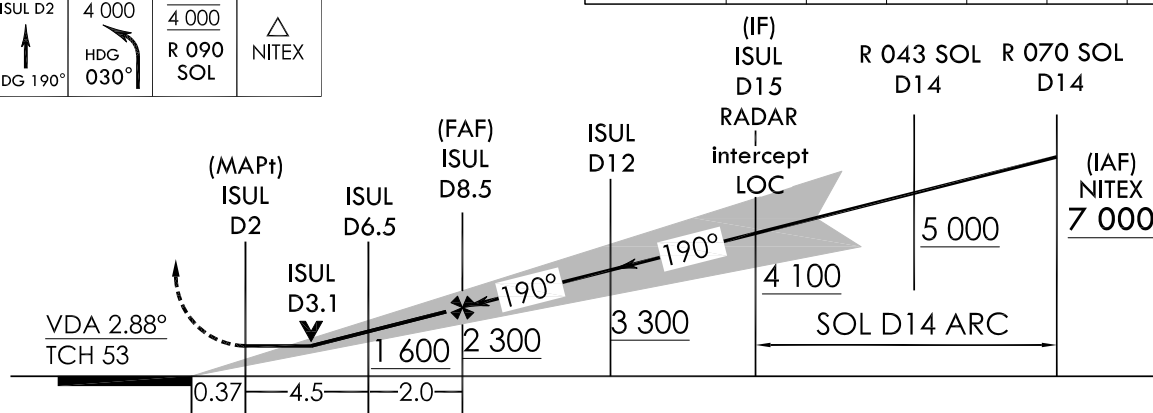


TRANSITION ALT 14 000
TRANSITION LVL FL 140



Missed Approach Climb Rate table

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



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

MISSED 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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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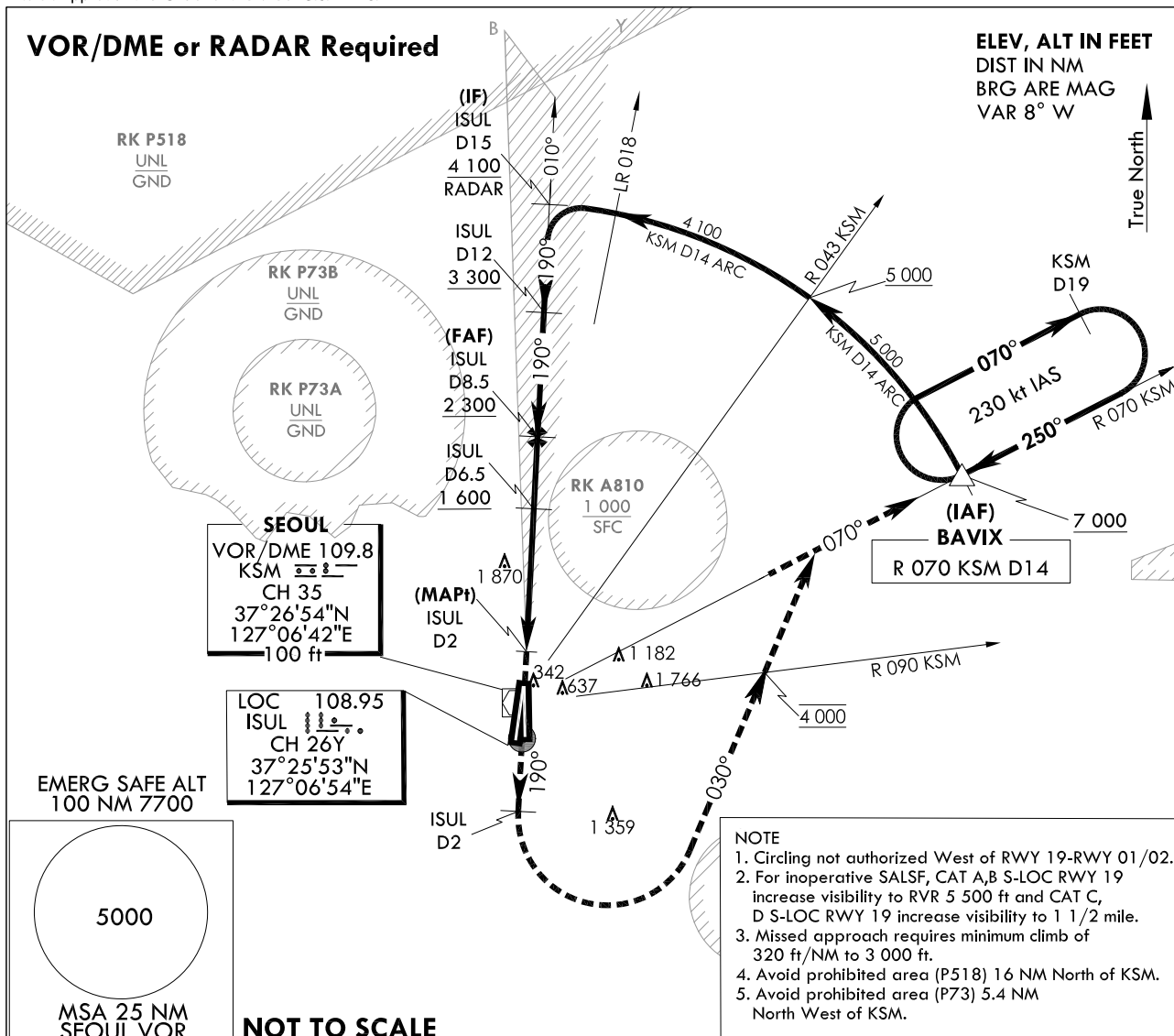
**INSTRUMENT
APPROACH
CHART**

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)
LOC/DME Y
RWY 19

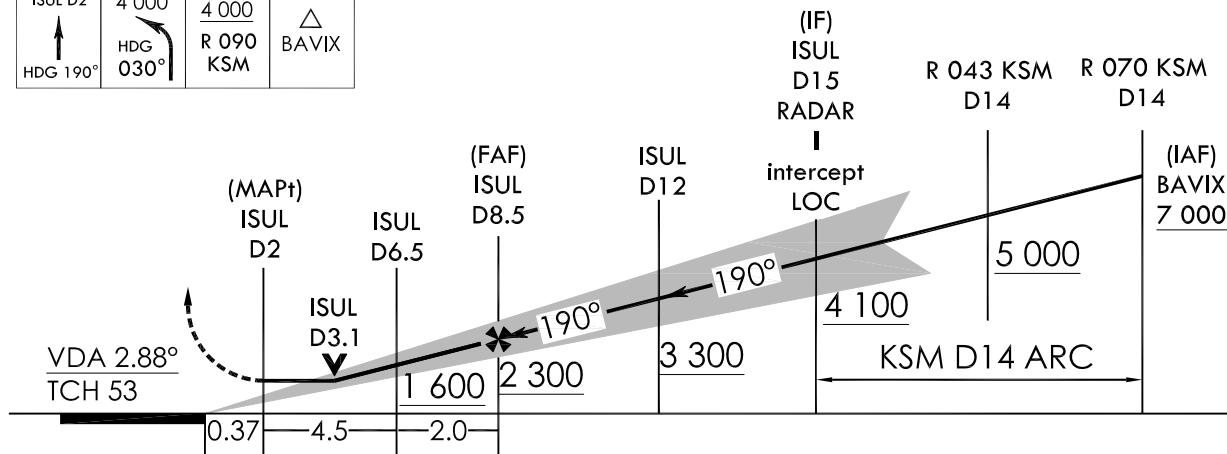
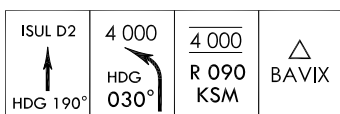
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

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



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

MISSED APPROACH

Climb HDG 190° to ISUL 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 : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

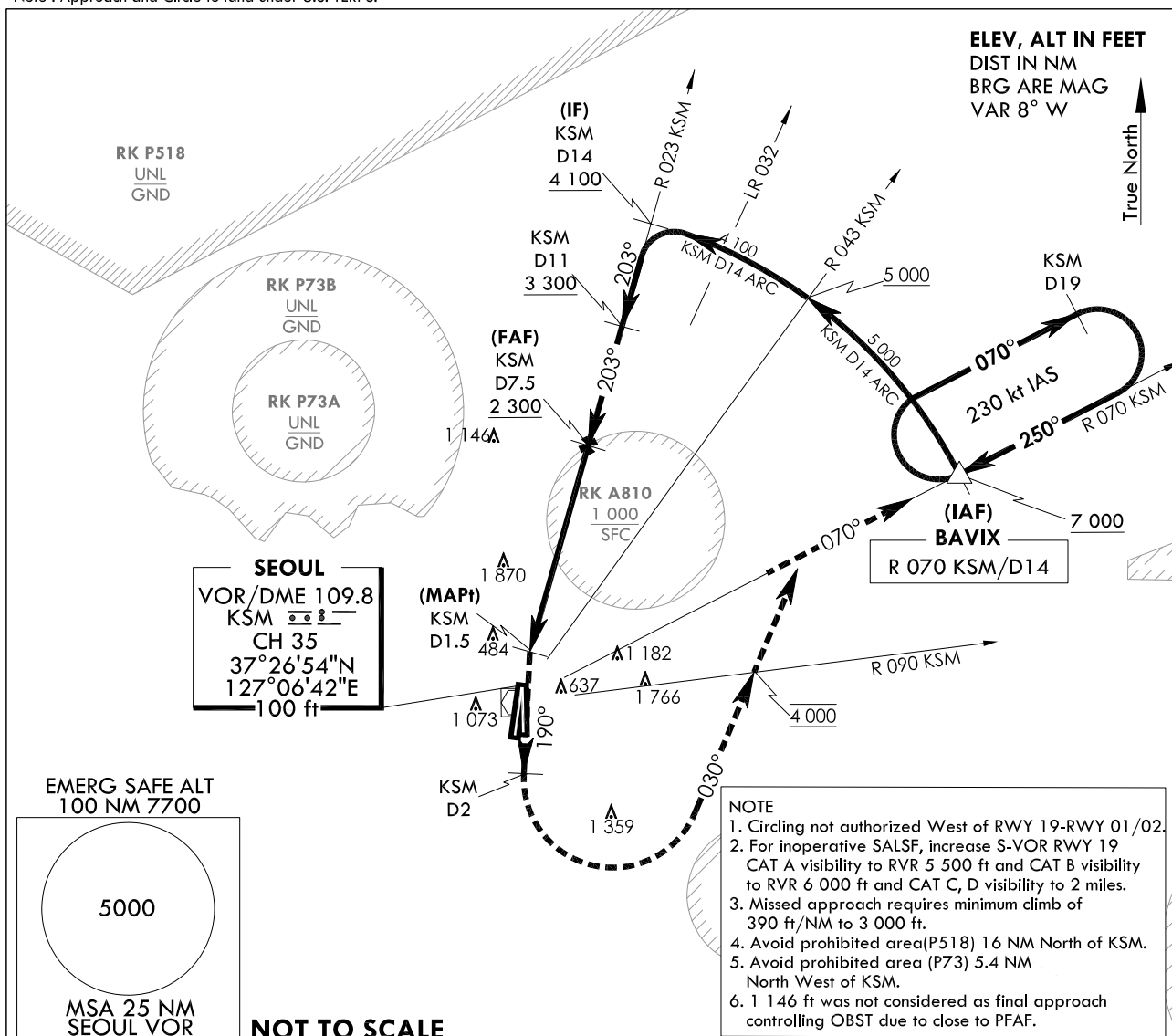
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AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **68 ft**

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.

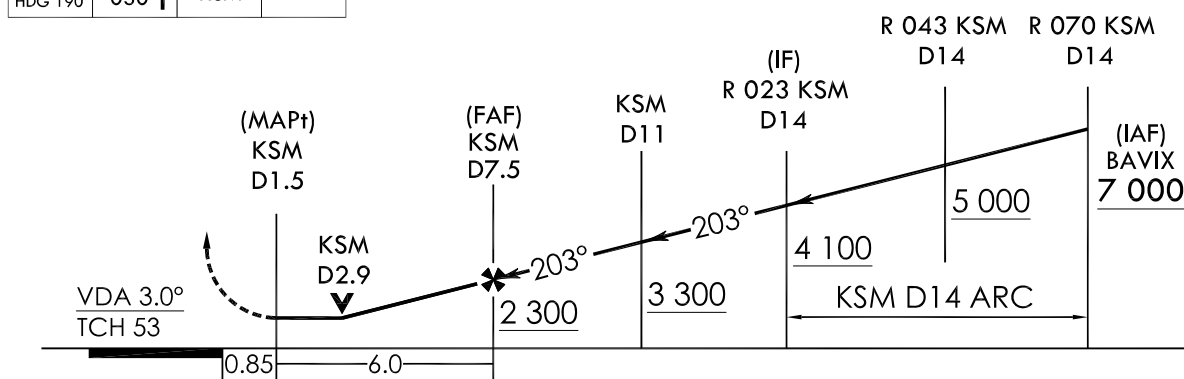


TRANSITION ALT	14 000
TRANSITION LVL	FL 140

KSM D2  HDG 190°	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)	390	770	1 150	1 530	1 910	3 000



CATEGORY	A	B	C	D	E
S-VOR RWY 19	820 / 40 748 (800 - $\frac{3}{4}$)	820 / 55 748 (800 - 1)	820 - 1 $\frac{7}{8}$ 748 (800 - 1 $\frac{7}{8}$)		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 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 : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

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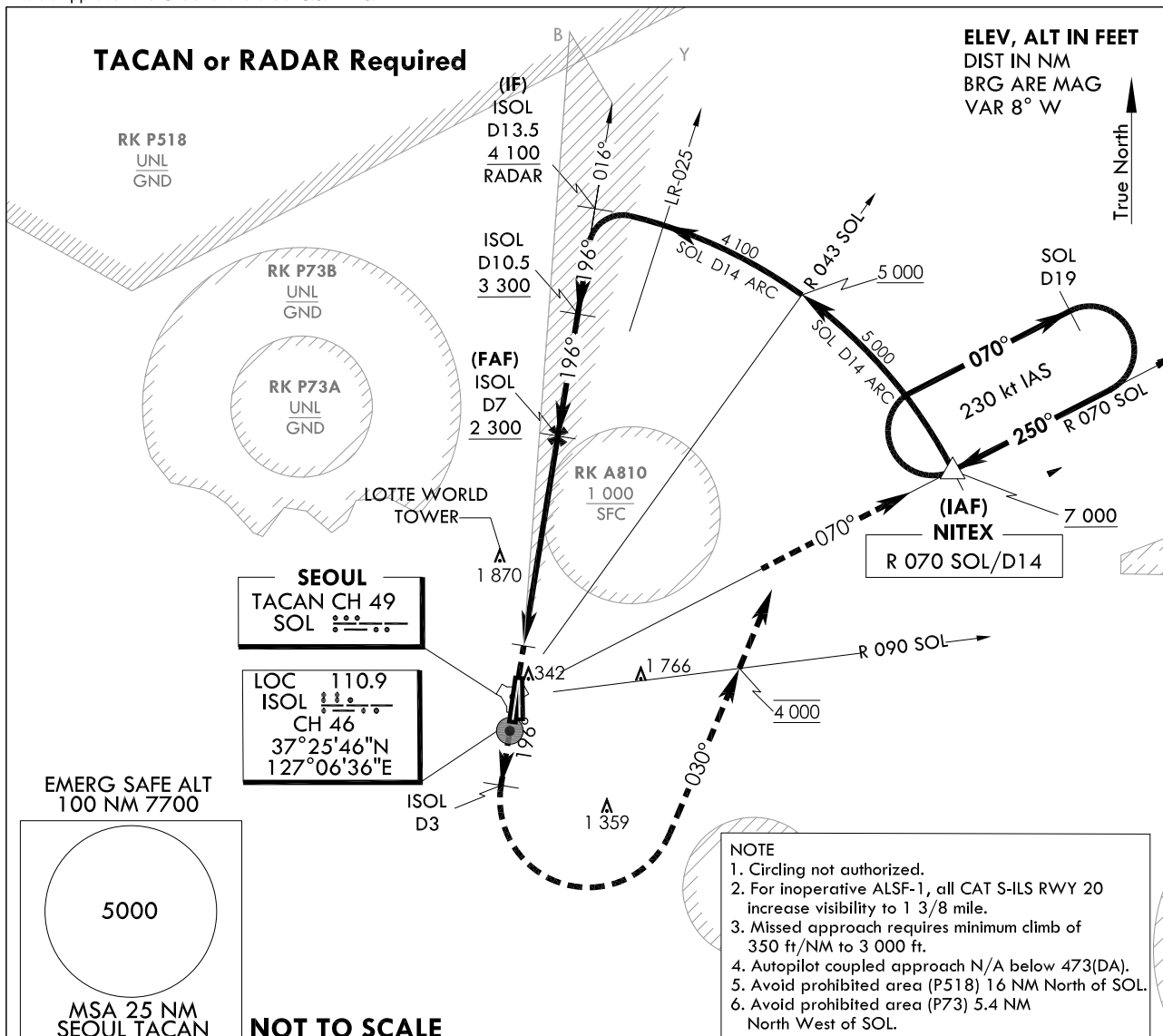
**INSTRUMENT
APPROACH
CHART**

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)
ILS Z
RWY 20

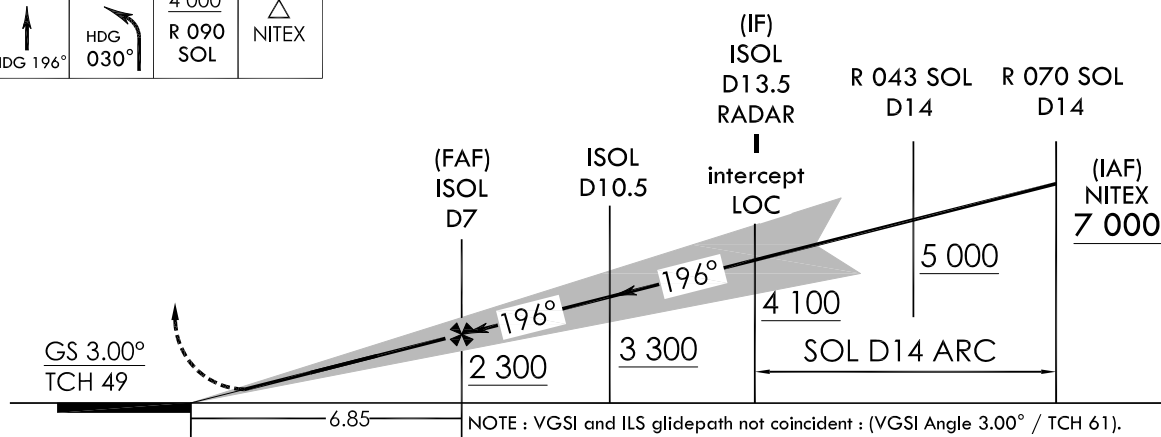
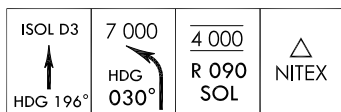
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

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



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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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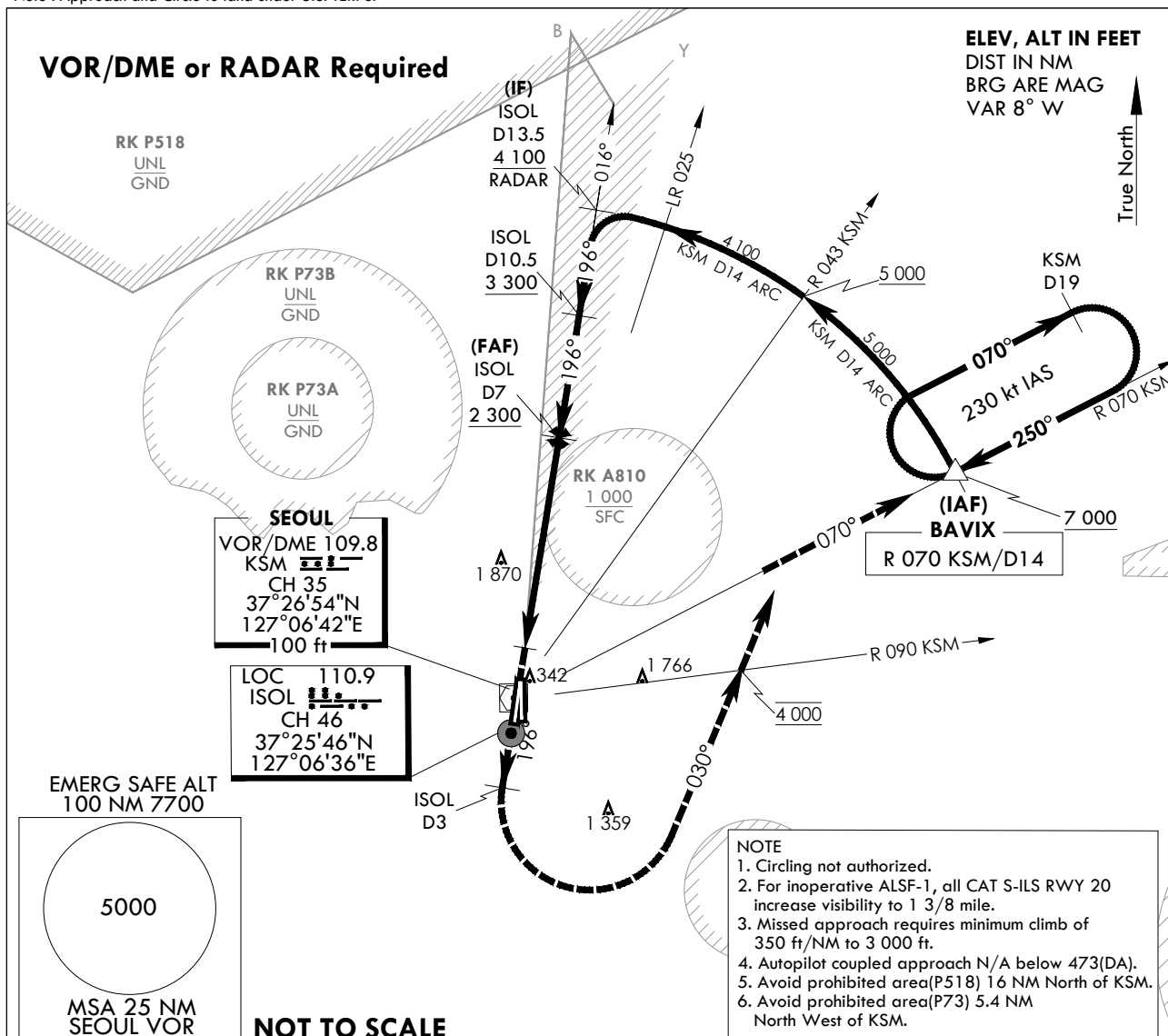
**INSTRUMENT
APPROACH
CHART**

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)
ILS Y
RWY 20

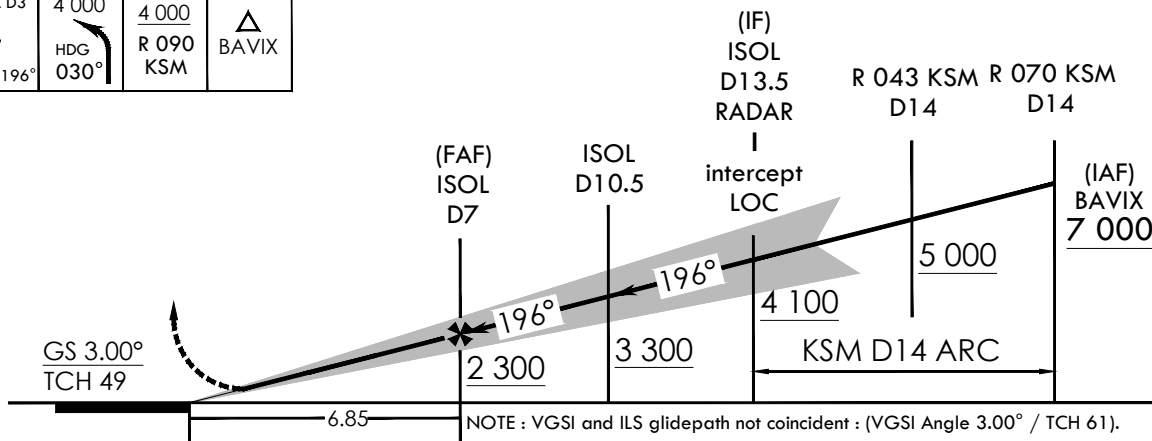
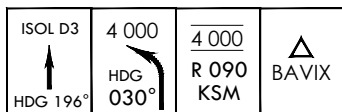
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

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



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 : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

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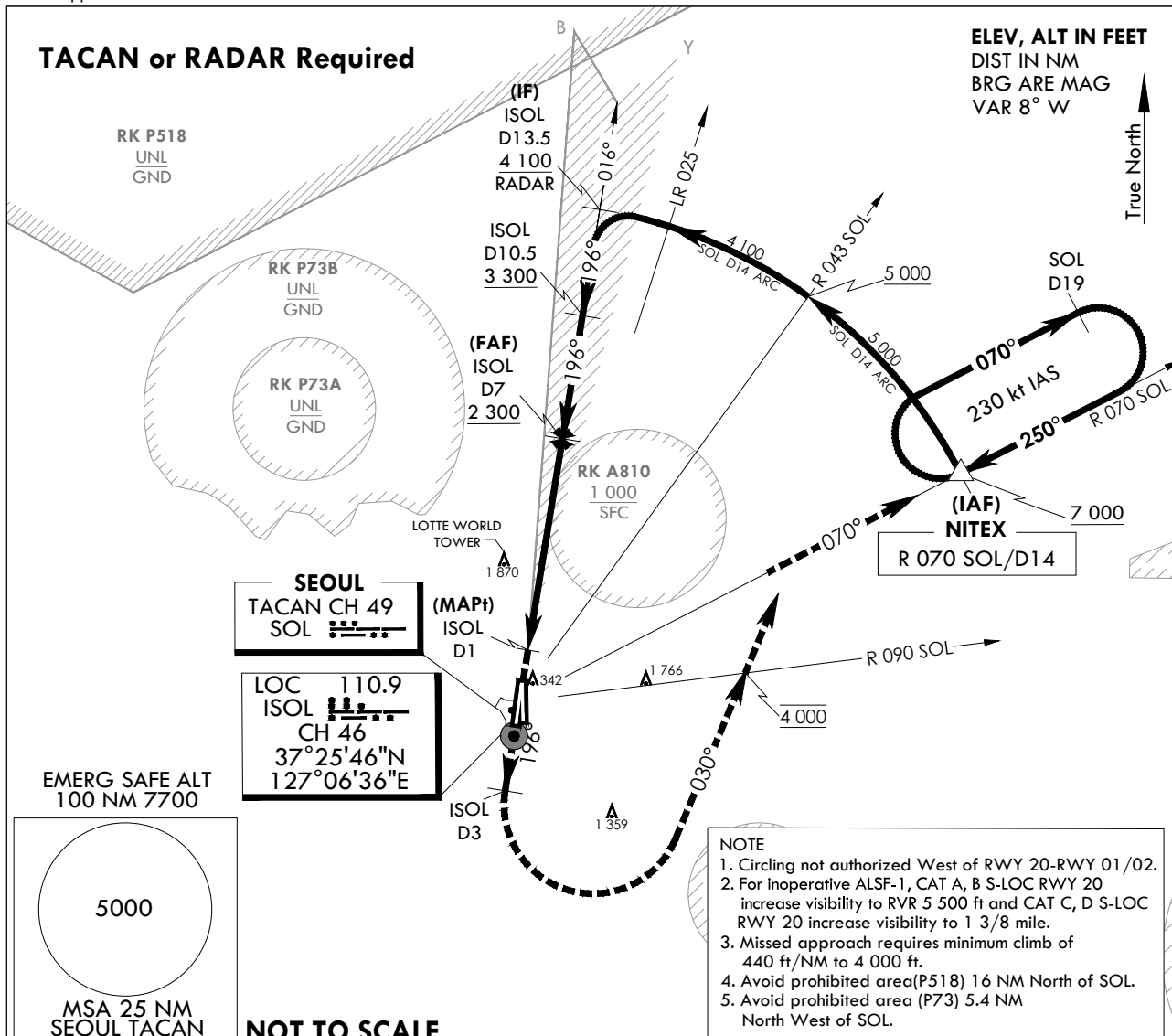
**INSTRUMENT
APPROACH
CHART**

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)
LOC/DME Z
RWY 20

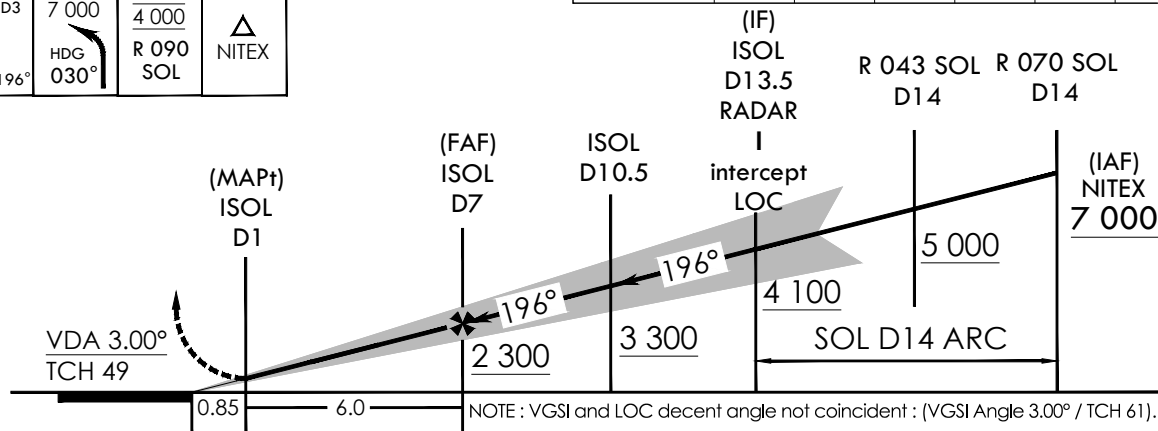
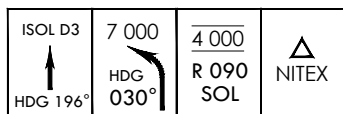
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

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



CATEGORY	A	B	C	D	E
S-LOC RWY 20	520 / 35 451 (500 - 5/8)		520 - 45 451 (500 - 5/8)		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 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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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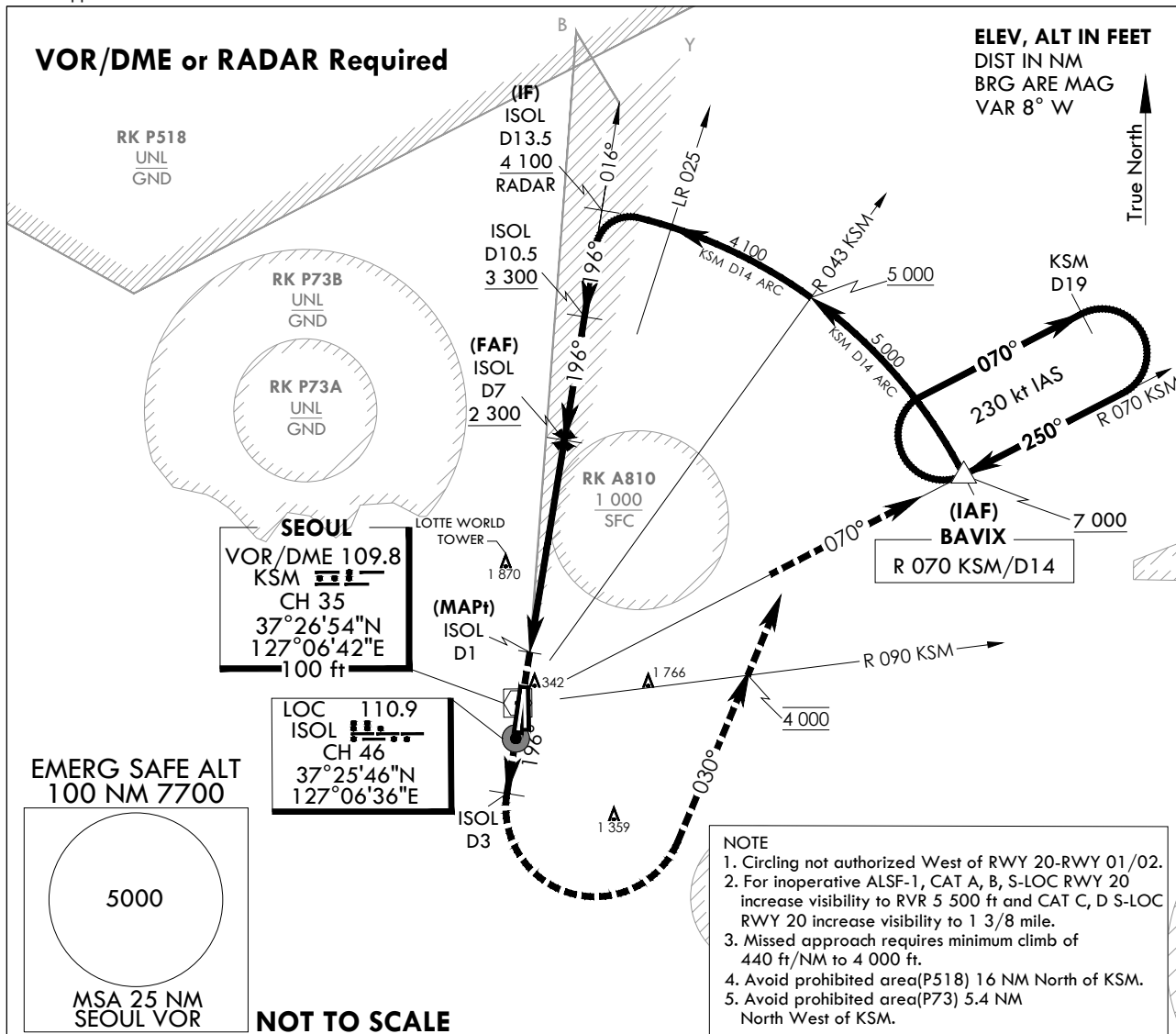
**INSTRUMENT
APPROACH
CHART**

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)
LOC/DME Y
RWY 20

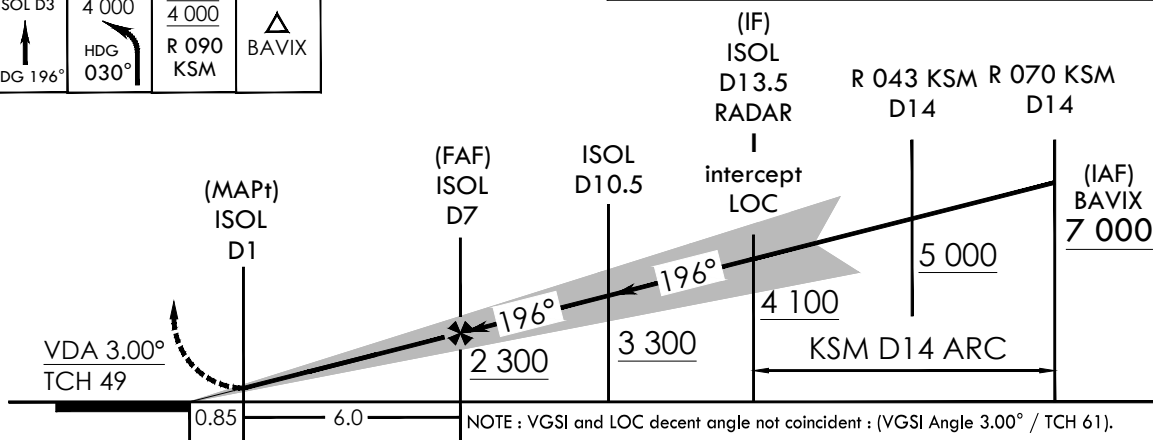
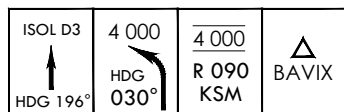
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

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



CATEGORY	A	B	C	D	E
S-LOC RWY 20	520 / 35 451 (500 - $\frac{7}{8}$)		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 : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

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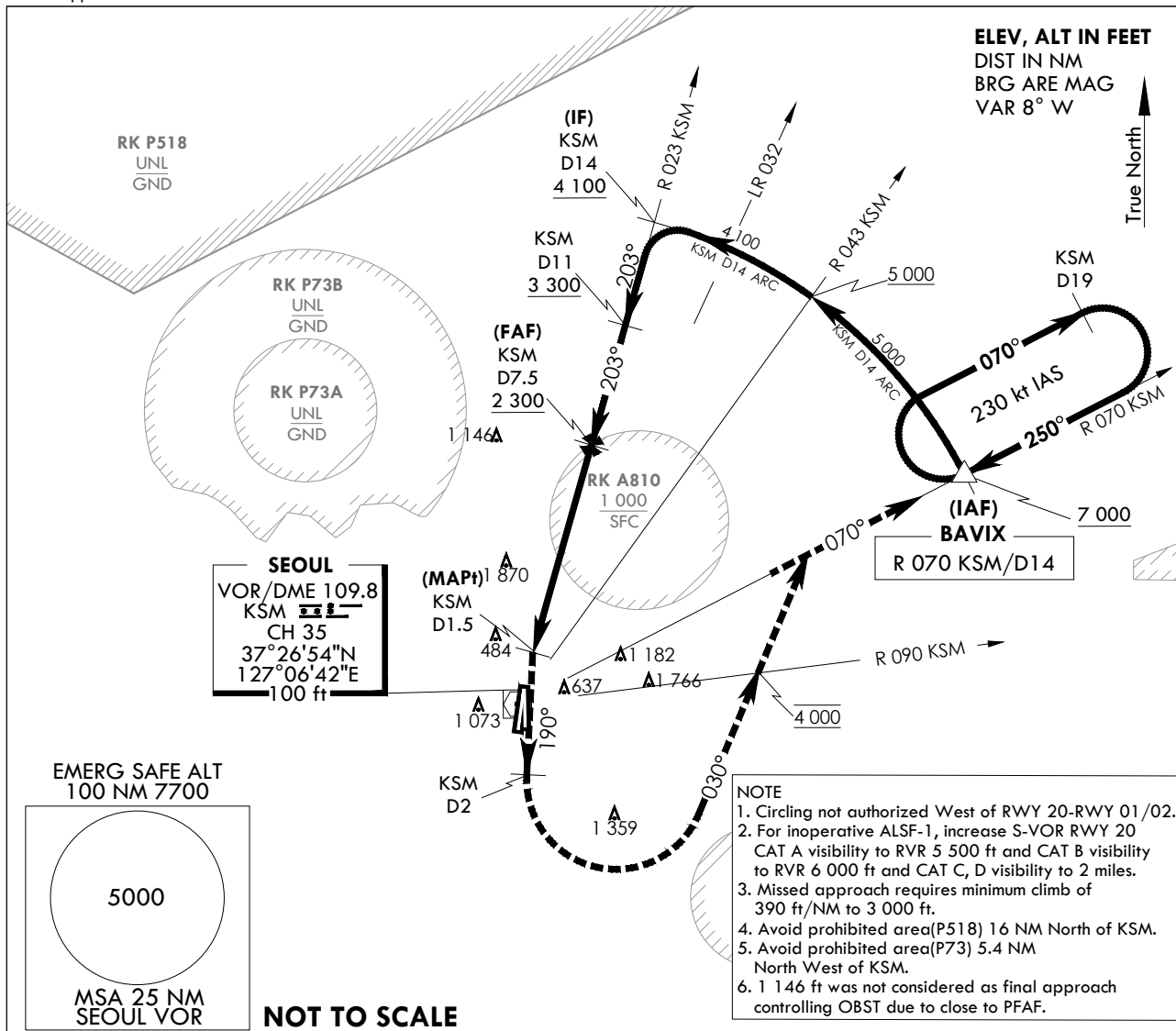
**INSTRUMENT
APPROACH
CHART**

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)
VOR/DME
RWY 20

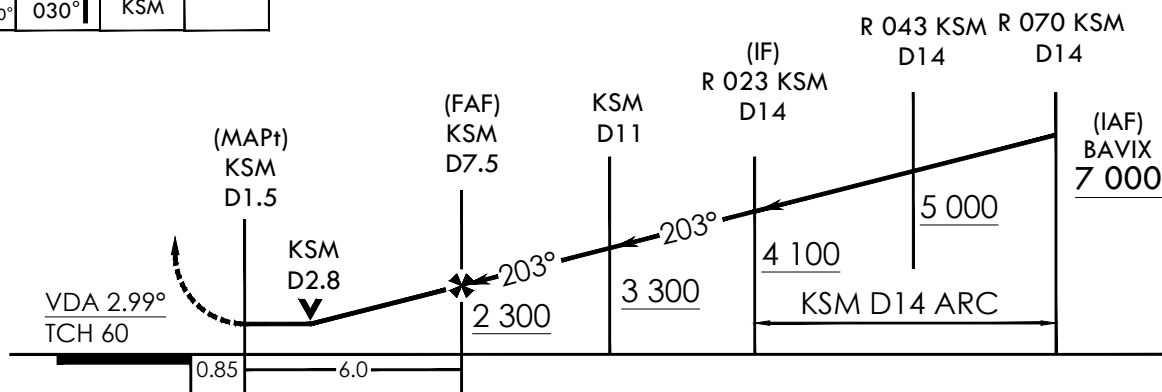
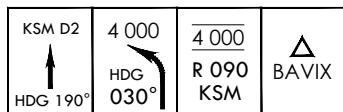
Note : Approach and Circle to land under U.S. TERPS.



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 - $\frac{5}{8}$)	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 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 : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

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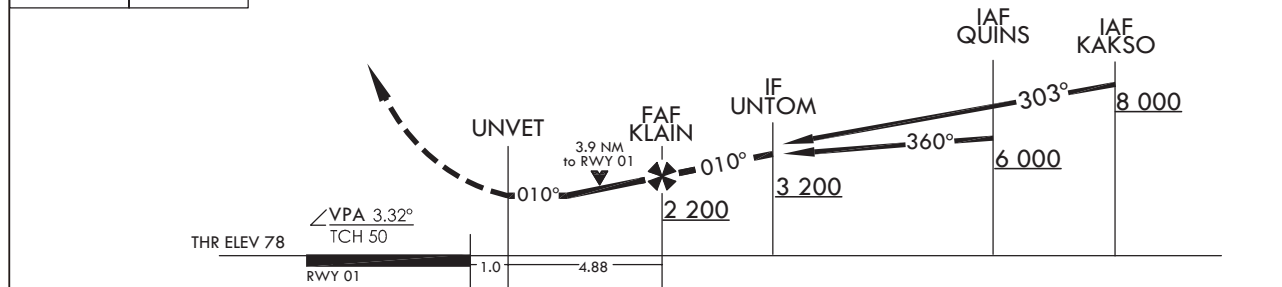
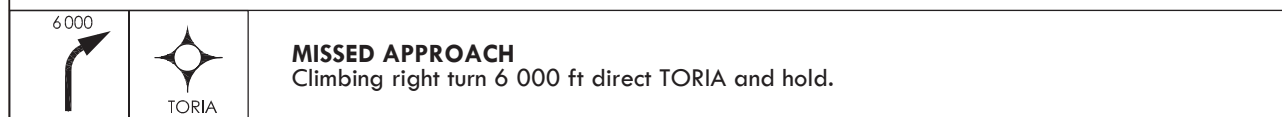
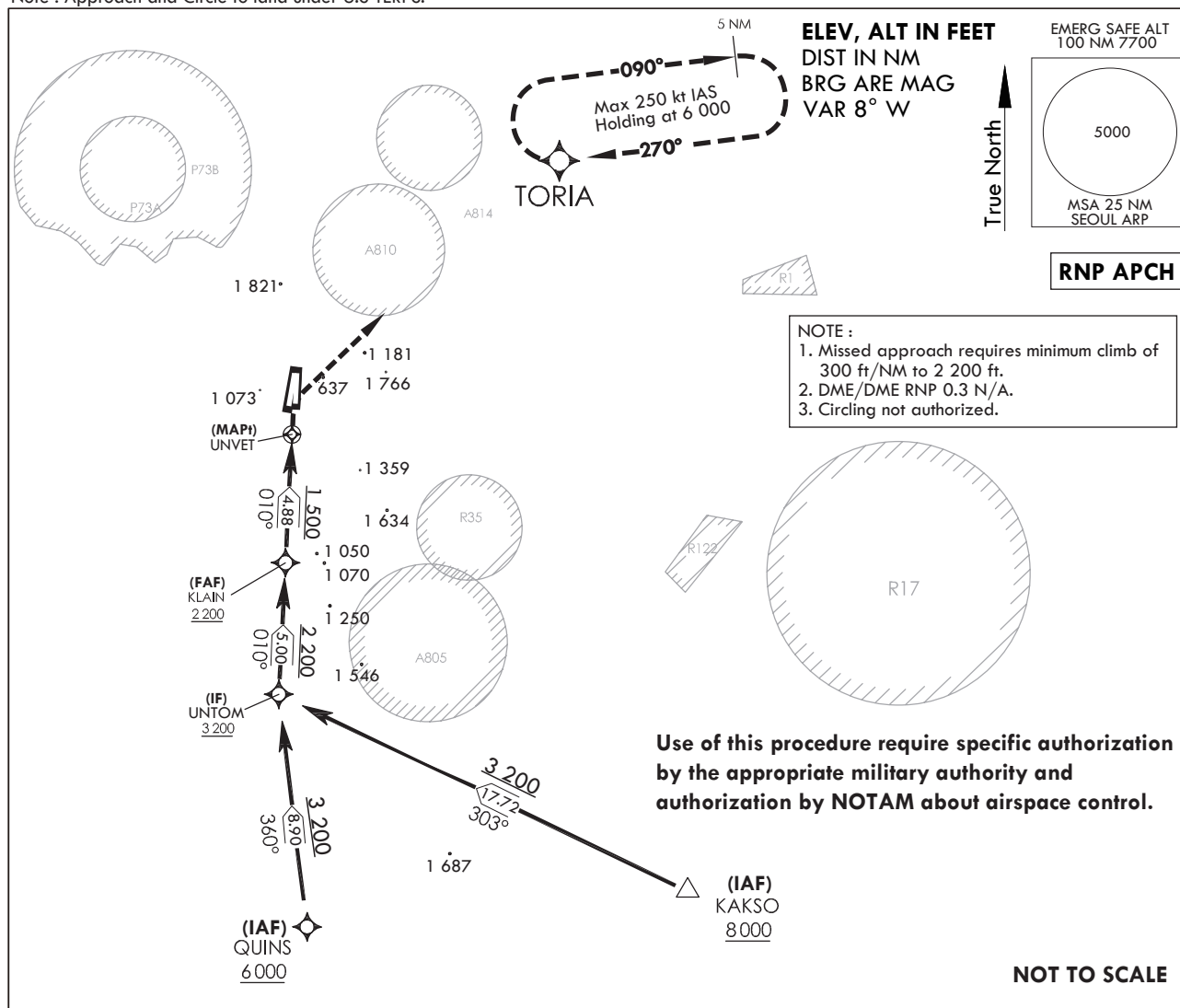
**INSTRUMENT
APPROACH
CHART**

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.



CATEGORY	A	B	C	D	E
LNAV/ VNAV DA	N/A				
LNAV	1 500-1¼ 1 422(1 500-1¼)	1 500-1½ 1 422(1 500-1½)	1 500-3 1 422(1 500-3)		N/A
CIRCLING	N/A				

Change : Page control.

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 01(From QUINS)

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	QUINS	-	-	-	-	+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

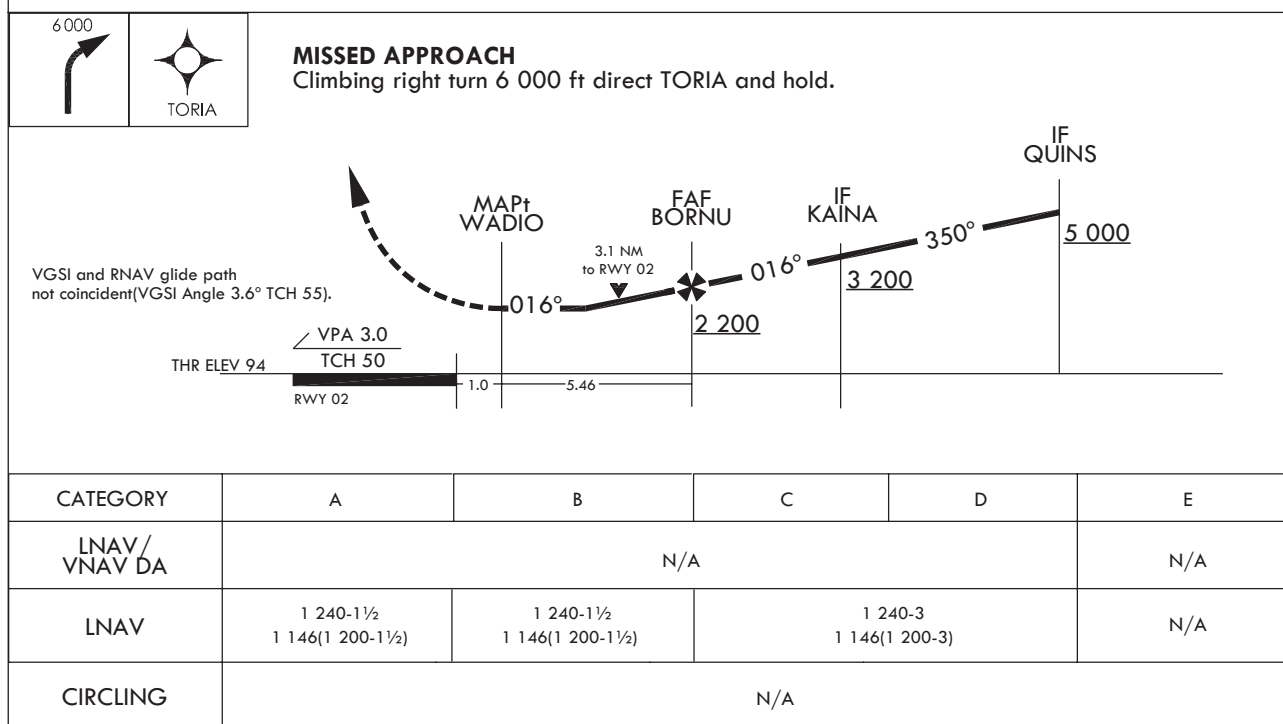
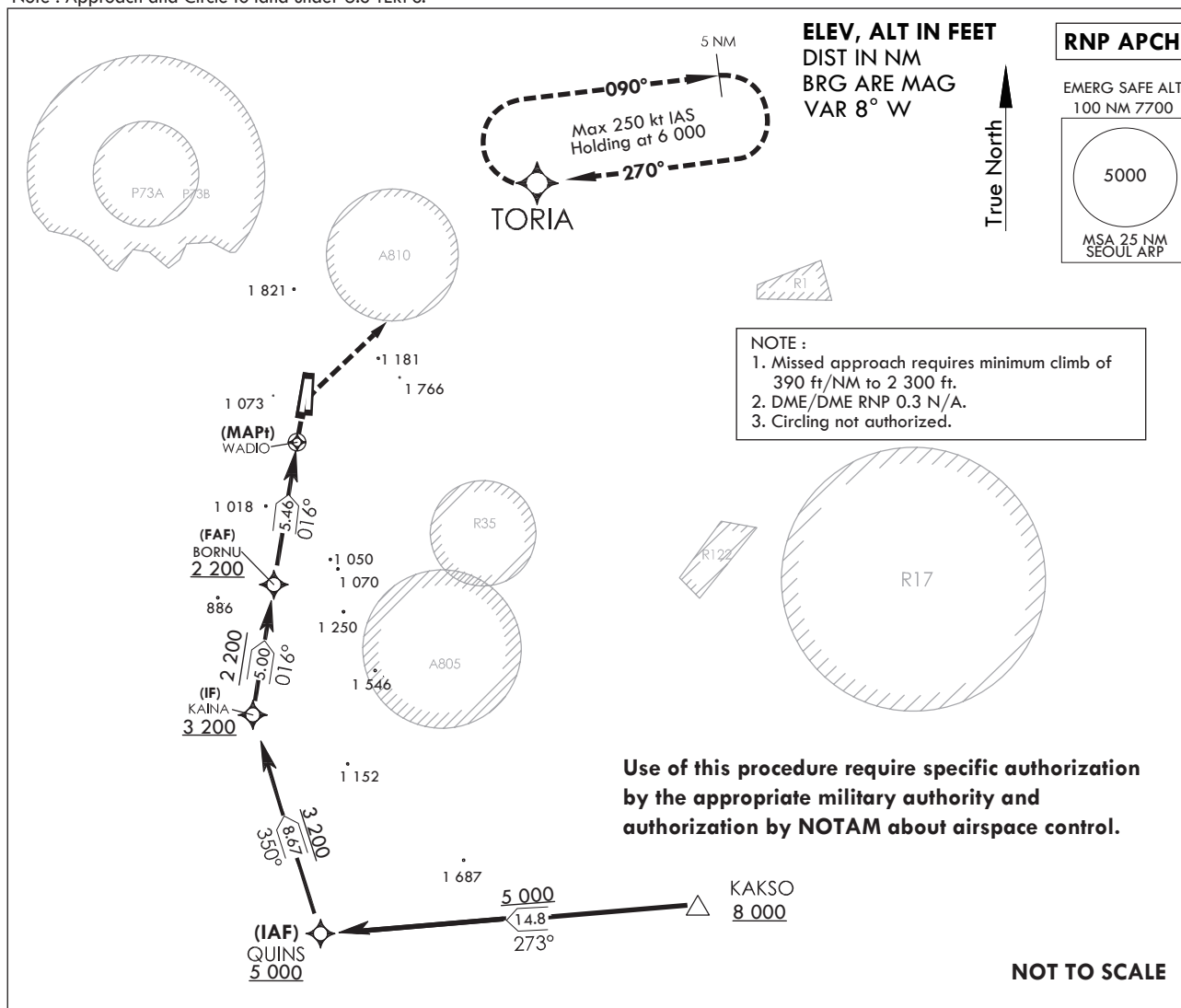
**INSTRUMENT
APPROACH
CHART**

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.



Change : Page control.

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	QUINS	-	-	-	-	+5 000	-	37°06'20.2845"N 127°08'01.9225"E	-	RNP APCH	IAF
002	TF	KAINA	-	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	QUINS	-	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.

ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 8° W

NOTE :

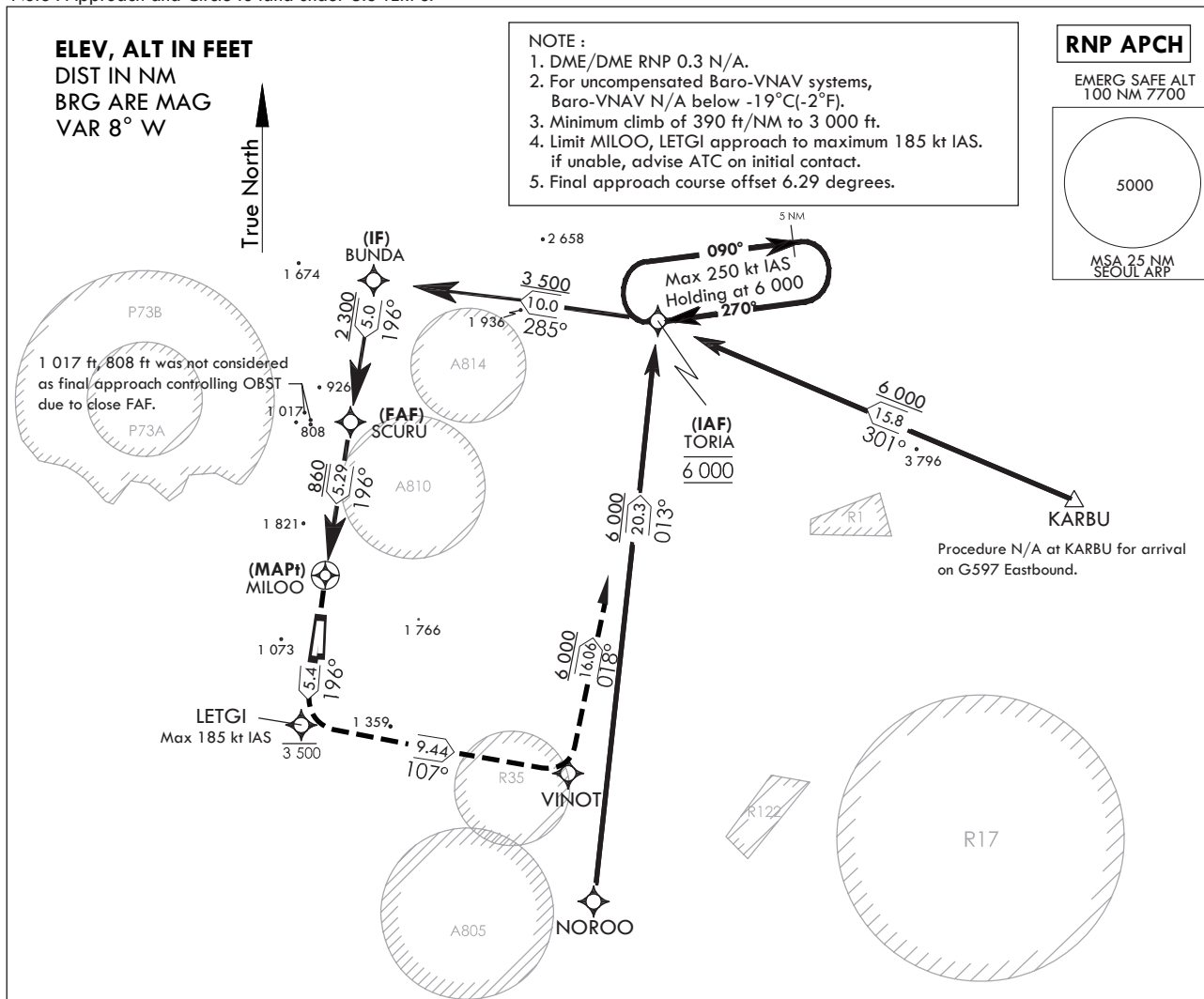
1. DME/DME RNP 0.3 N/A.
2. For uncompensated Baro-VNAV systems, Baro-VNAV N/A below -19°C(-2°F).
3. Minimum climb of 390 ft/NM to 3 000 ft.
4. Limit MILOO, LETGI approach to maximum 185 kt IAS. if unable, advise ATC on initial contact.
5. Final approach course offset 6.29 degrees.

RNP APCH

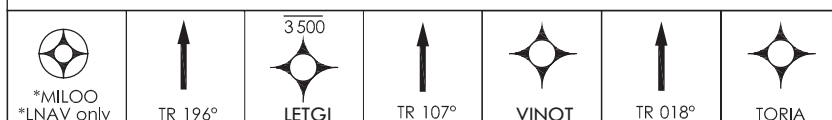
EMERG SAFE ALT
100 NM 7700

5000

MSA 25 NM
SEOUL ARP

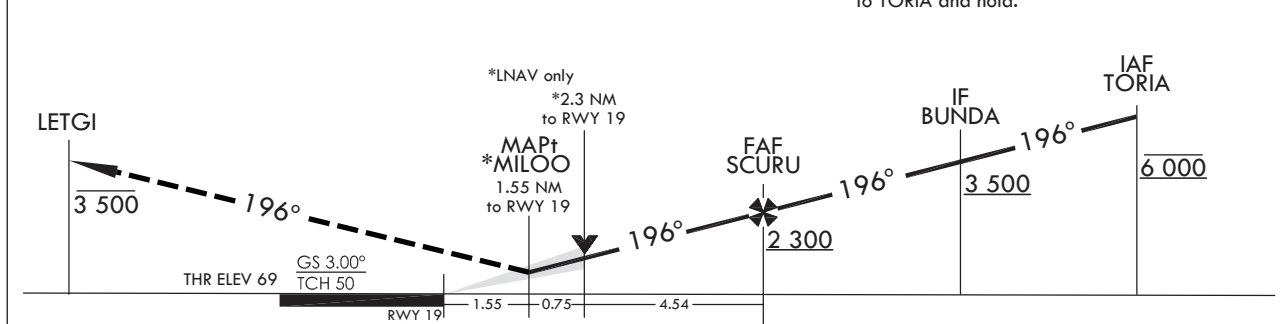


NOT TO SCALE



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.



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 : Page control.

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	NOROO	-	-	-	-	-	-	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

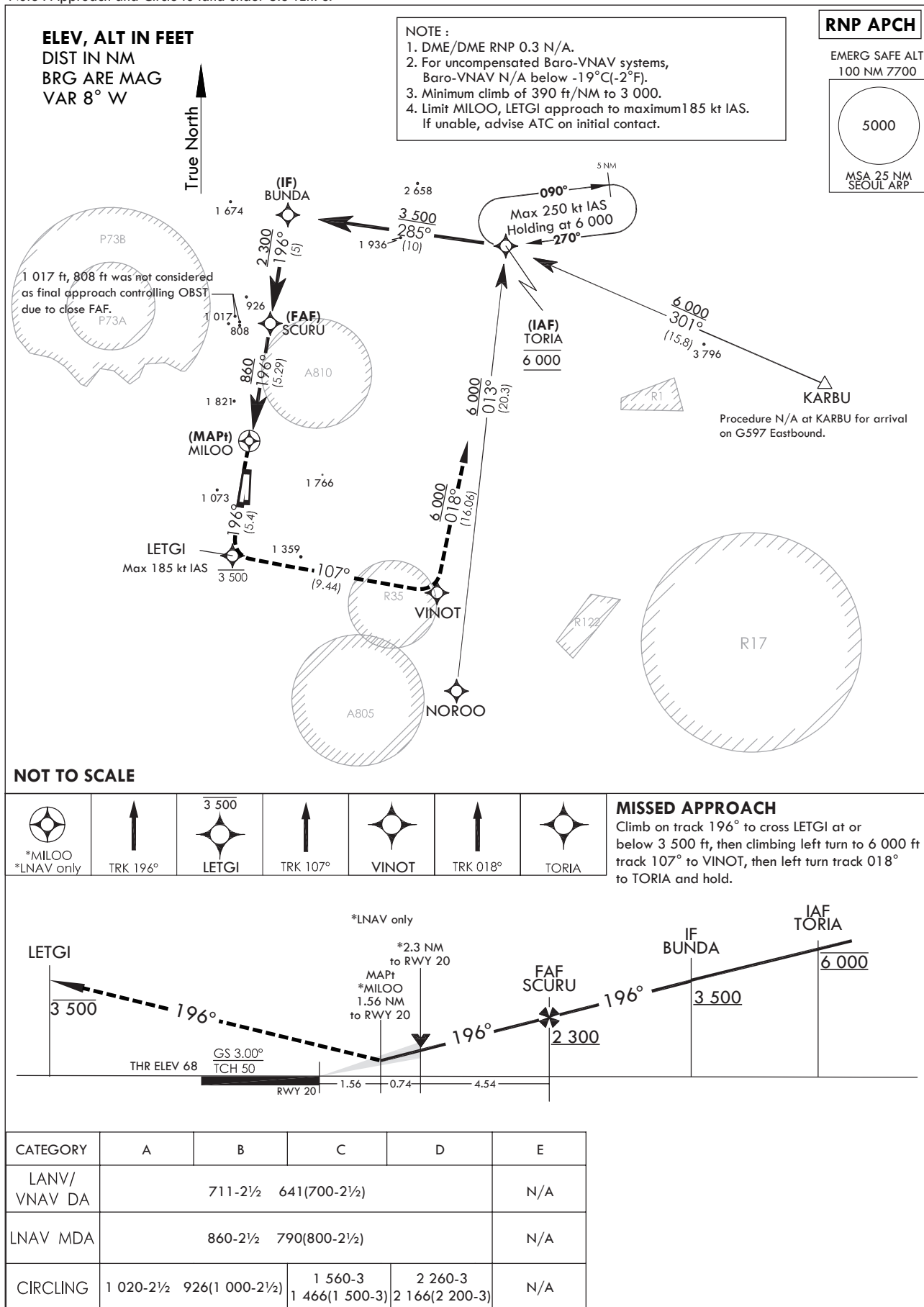
**INSTRUMENT
APPROACH
CHART**

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.



Change : Information of fix names(PANGO → LETGI, ACADI → VINOT).

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	NOROO	-	-	-	-	-	-	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

Change : Information of fix names(PANGO → LETGI, ACADI → VINOT).

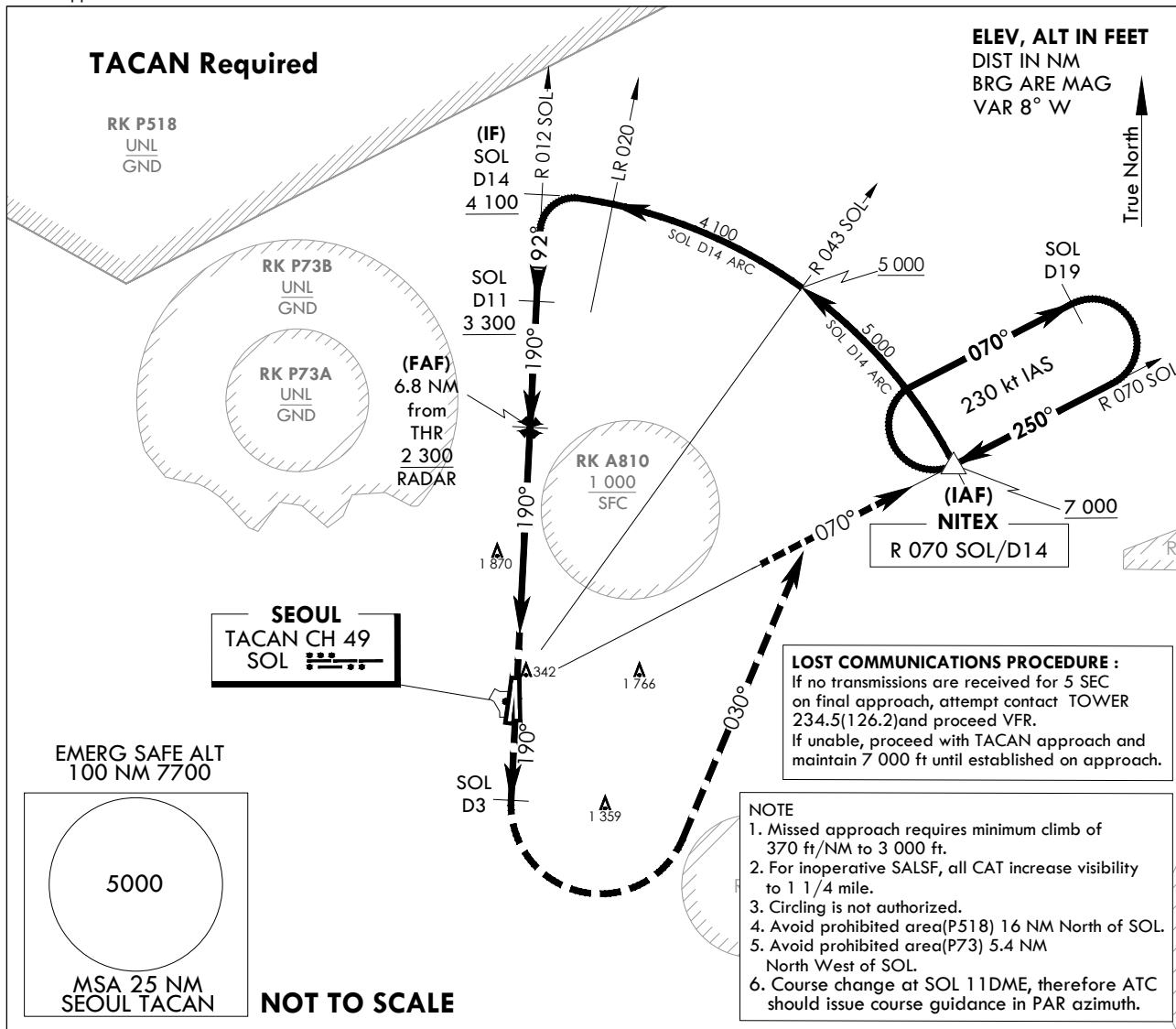
**INSTRUMENT
APPROACH
CHART**

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

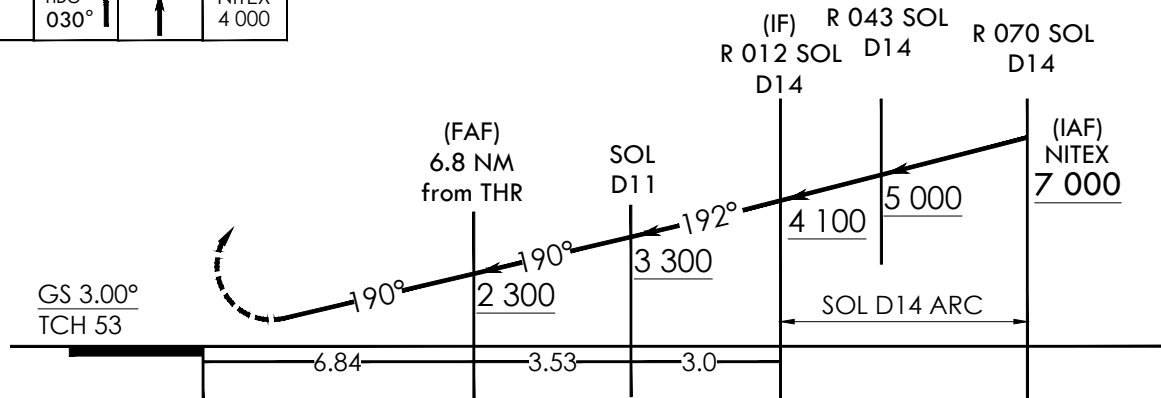
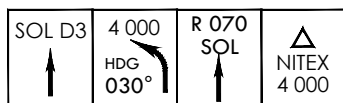
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

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



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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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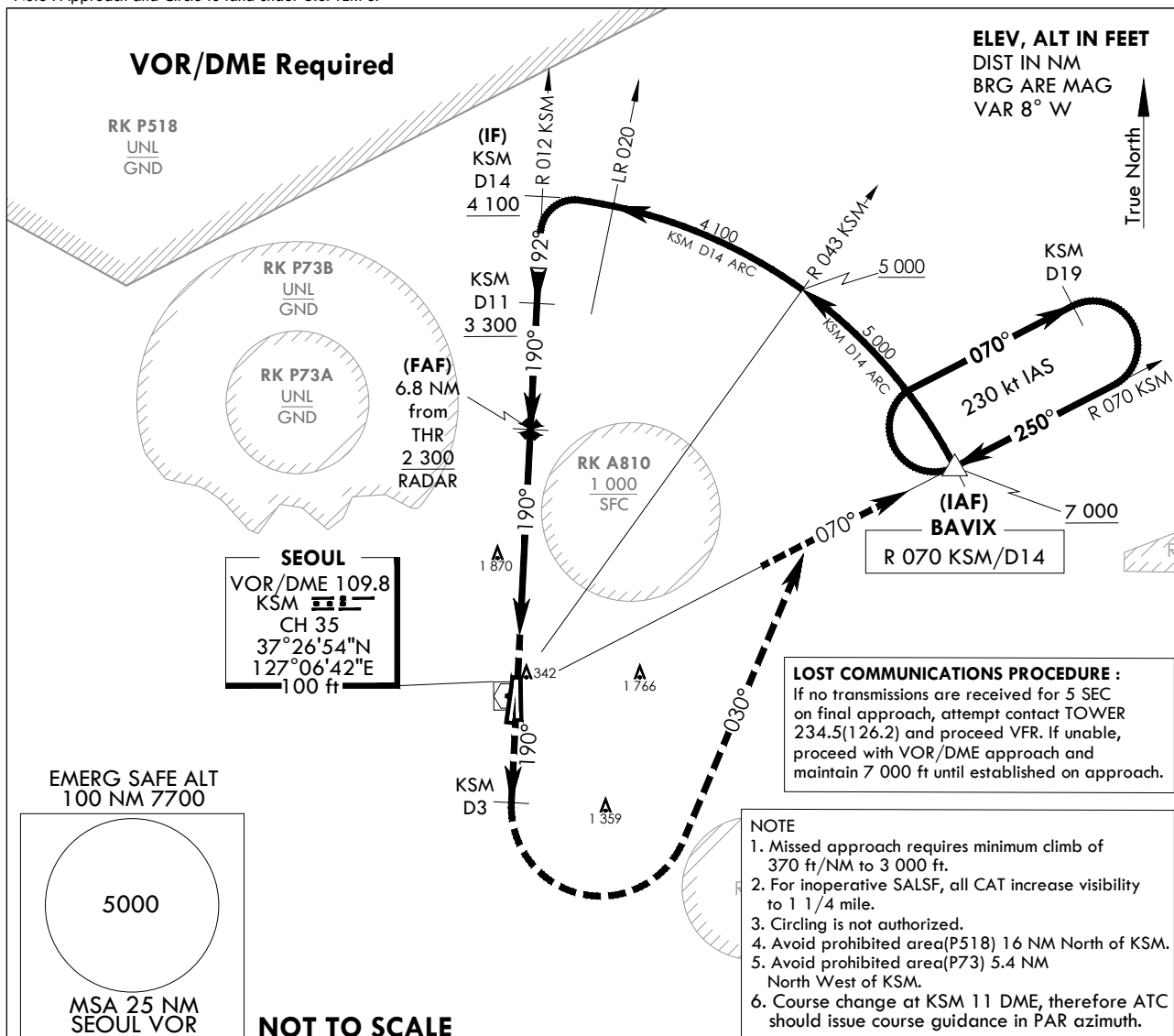
**INSTRUMENT
APPROACH
CHART**

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

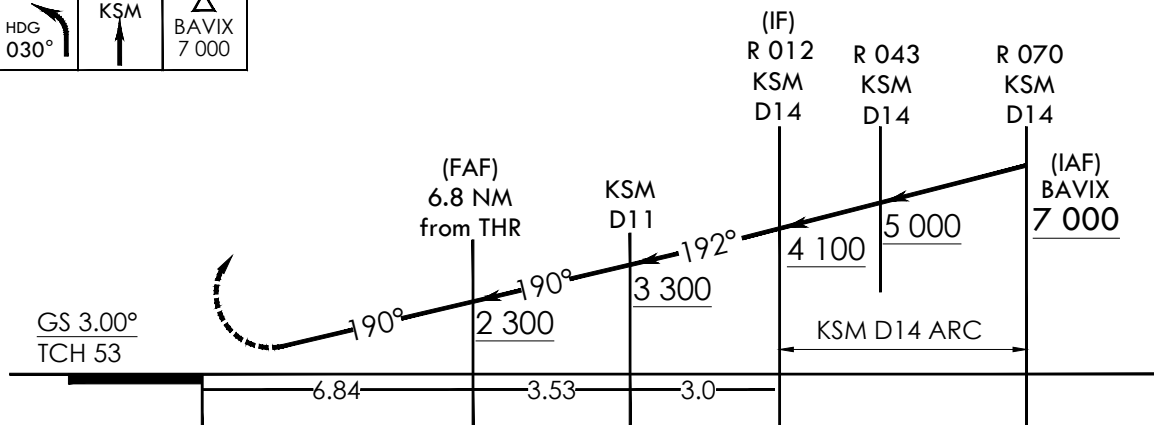
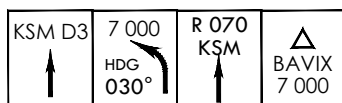
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

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



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 : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

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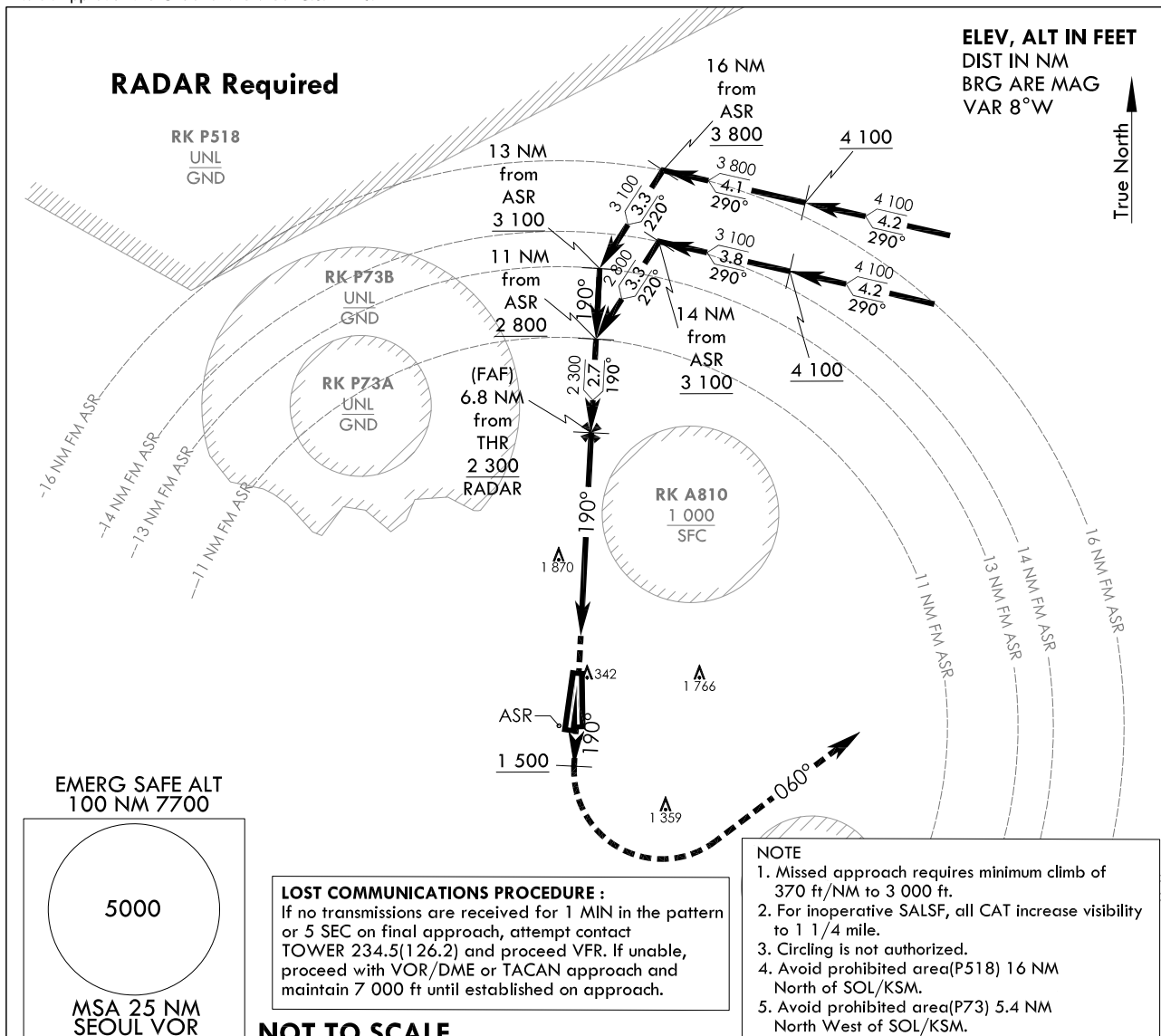
**INSTRUMENT
APPROACH
CHART**

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

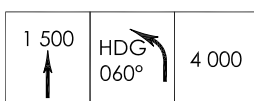
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
PAR X
RWY 19

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

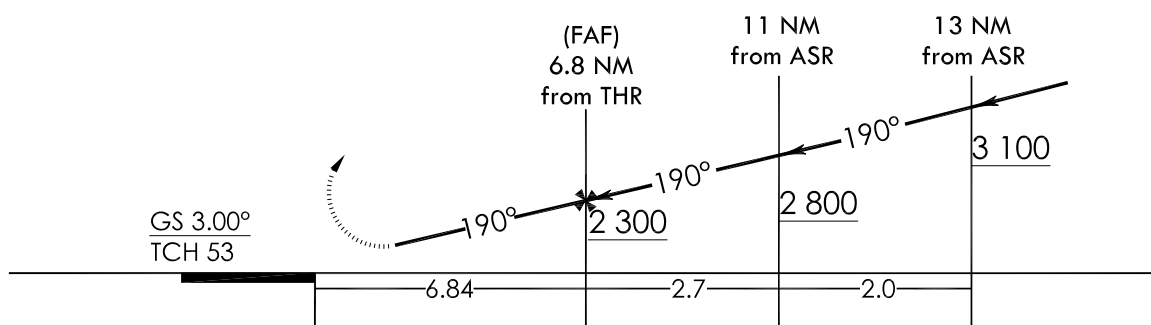


TRANSITION ALT 14 000
TRANSITION LVL FL 140



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



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

MISSED APPROACH

Climb HDG 190° to 1 500 ft and climbing left turn HDG 060° to 4 000 ft and directed by ATC.

Change : Information of procedure.

INTENTIONALLY

LEFT

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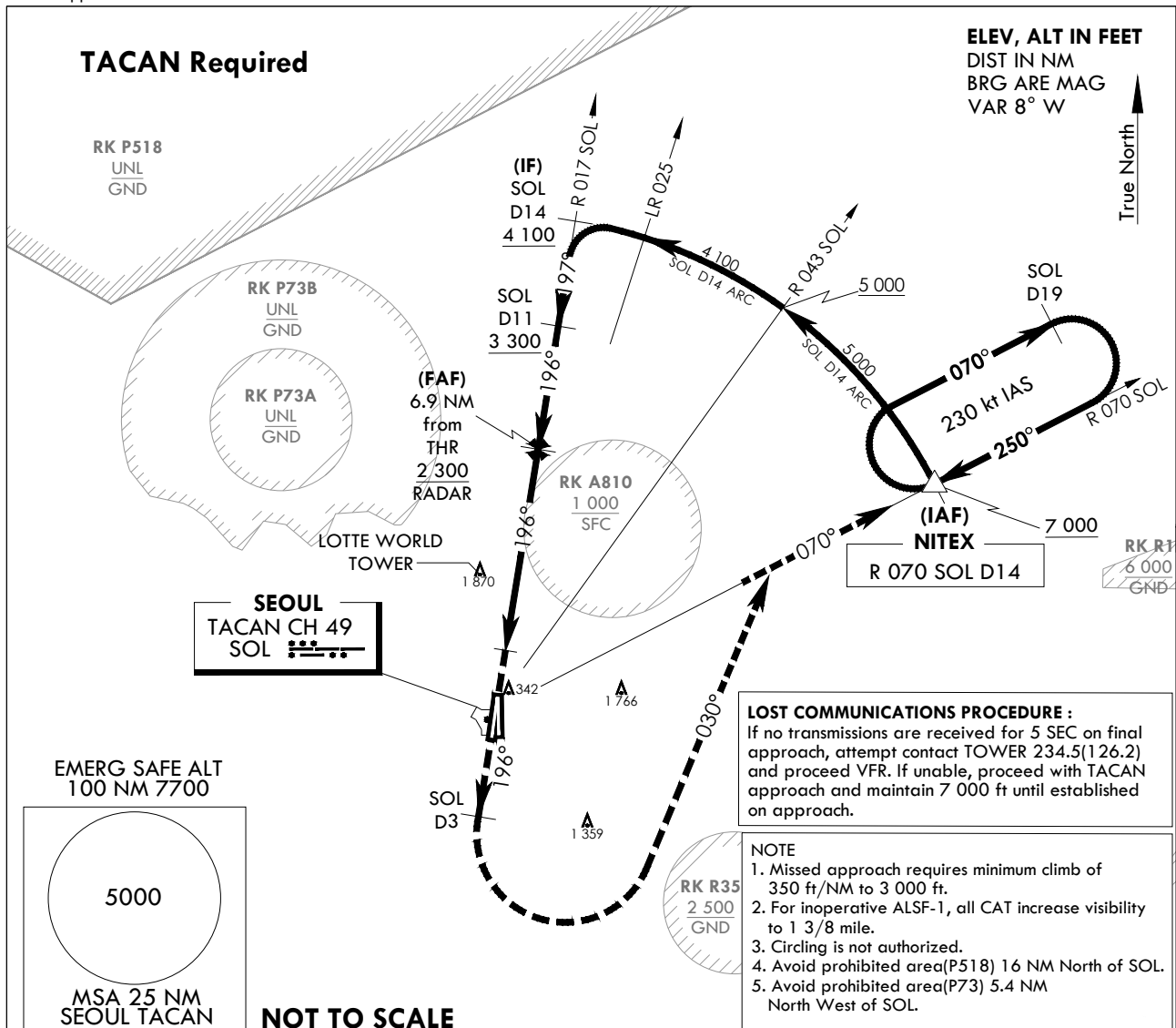
**INSTRUMENT
APPROACH
CHART**

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

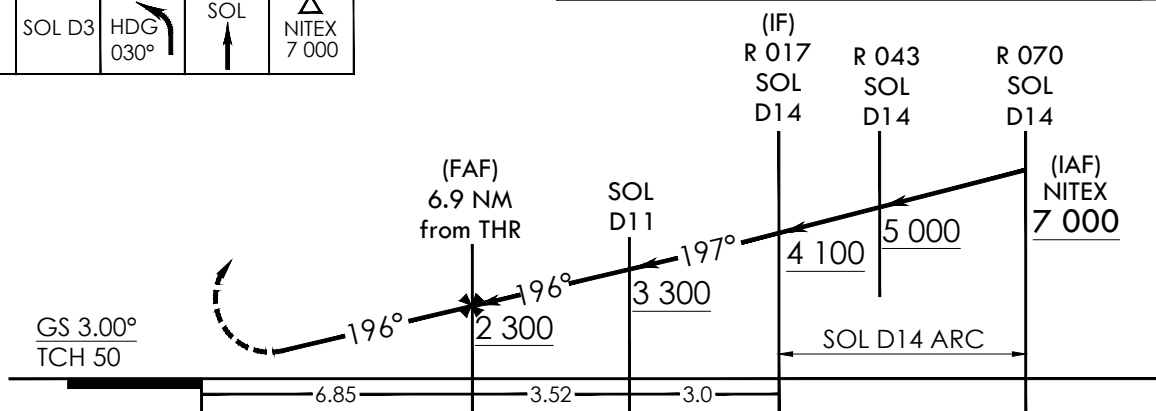
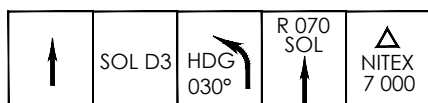
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

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



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

MISSED APPROACH

Climb to 4 000 ft via HDG 196° to SOL 3 DME 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 20	473 / 45	404 (400 - $\frac{7}{8}$)			N/A

Change : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

BLANK

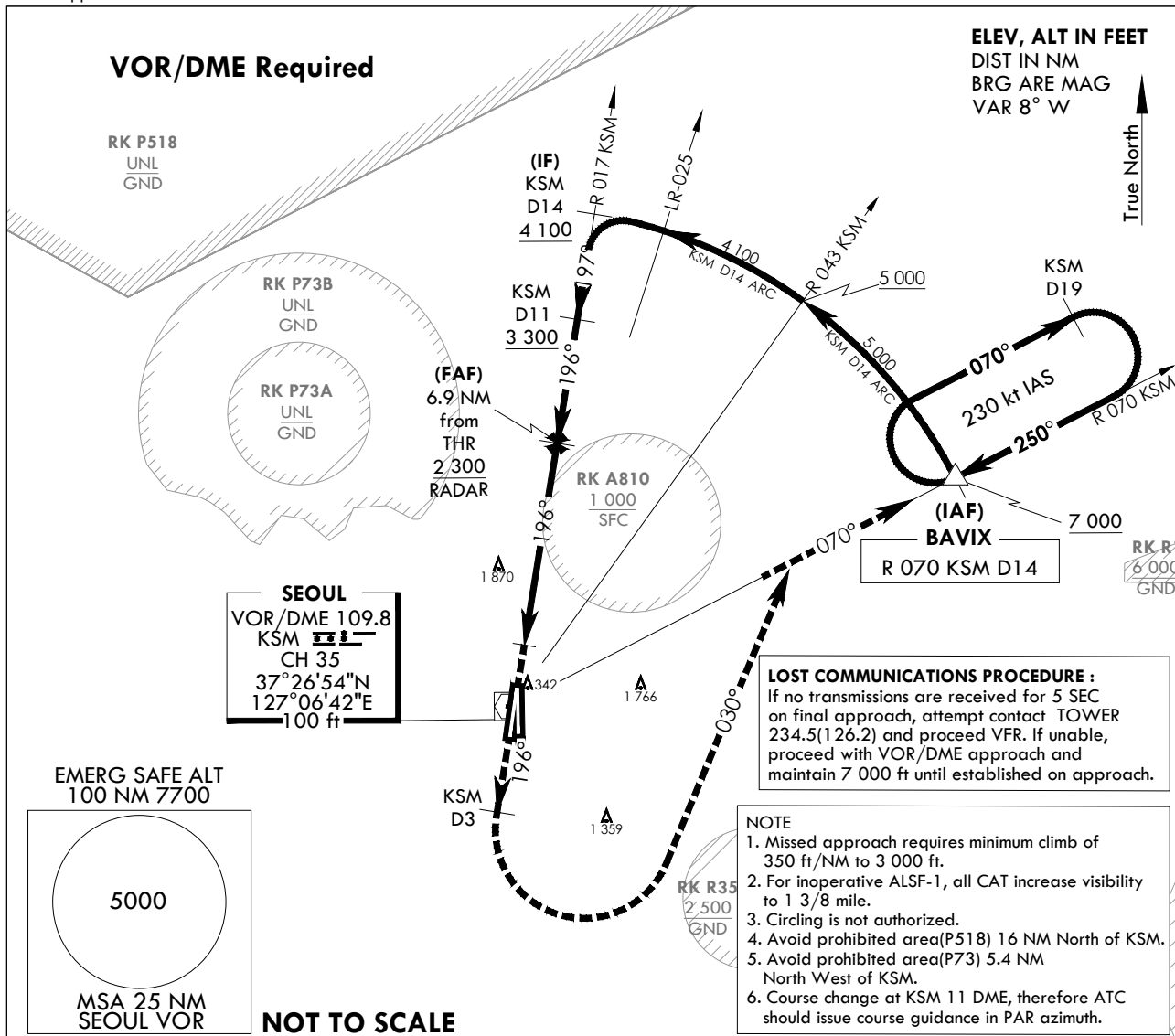
**INSTRUMENT
APPROACH
CHART**

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

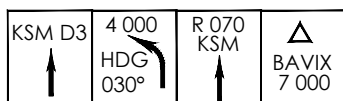
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
234.5 236.6

SEOUL/Seoul(RKSM)
PAR Y
RWY 20

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

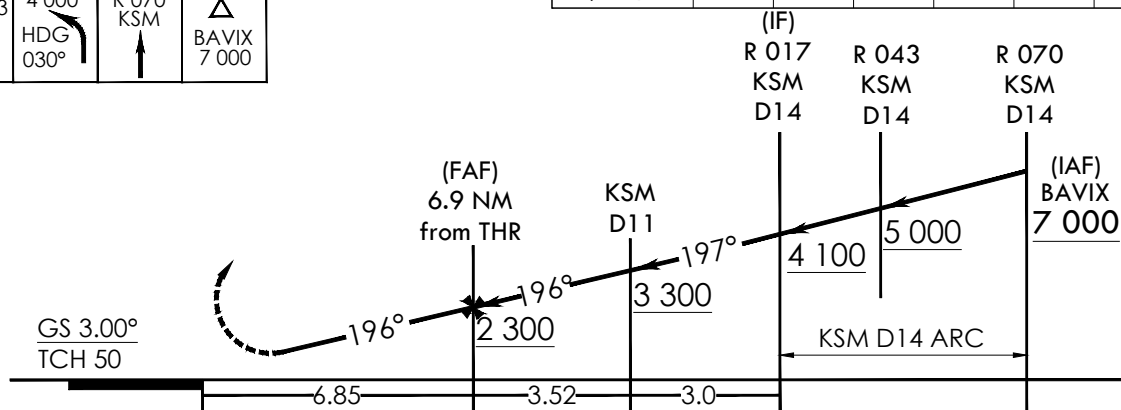


TRANSITION ALT 14 000
TRANSITION LVL FL 140



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



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 : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

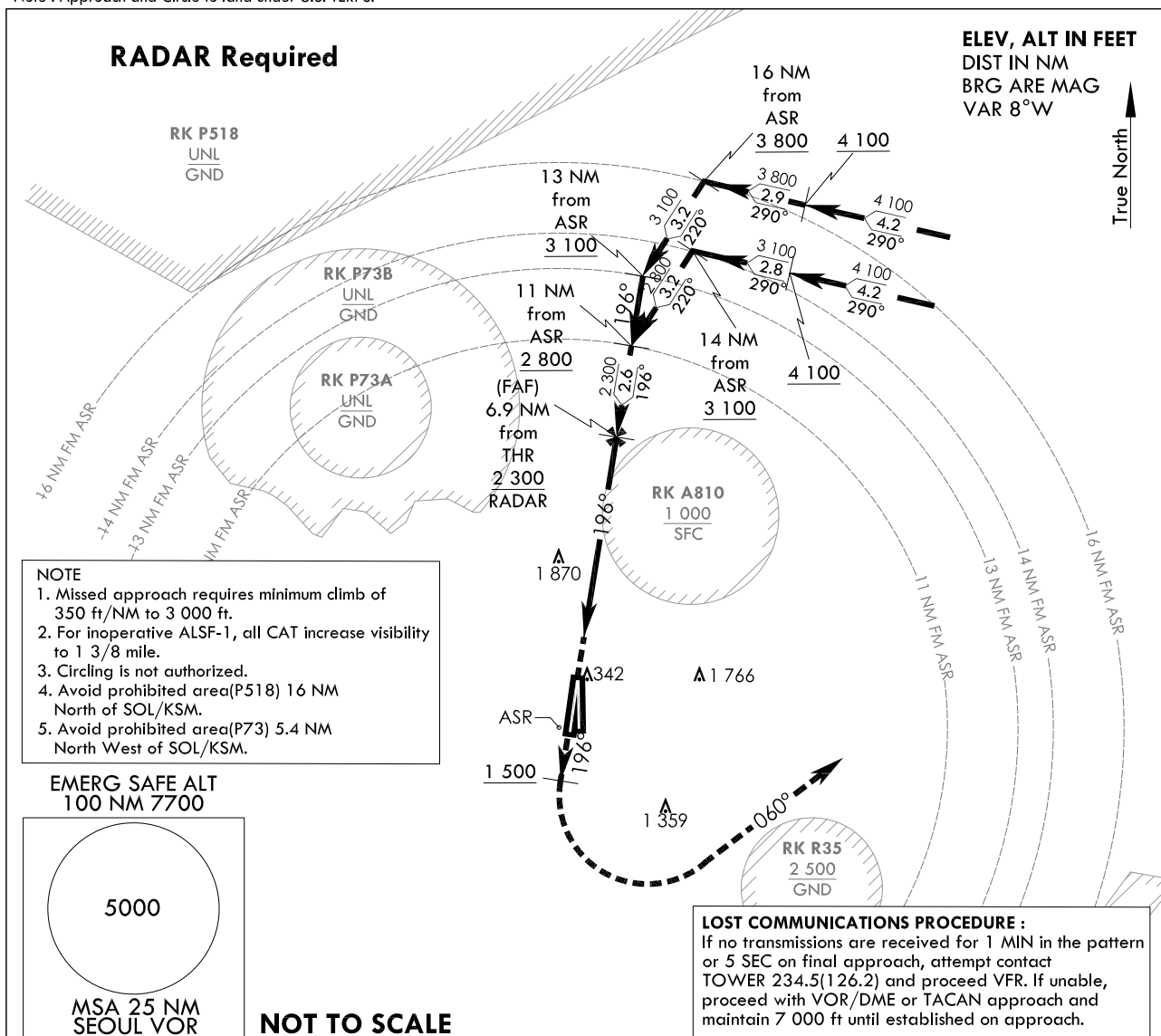
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AERODROME ELEV 93 ft
 HEIGHTS RELATED TO
 THR RWY 20 - ELEV **68 ft**
 HIGHEST ELEV TDZ 69 ft

SEOUL	APP	123.8	363.8
SEOUL	TWR	126.2	
		234.5	236.6

SEOUL/Seoul(RKSM)
PAR X
RWY 20

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

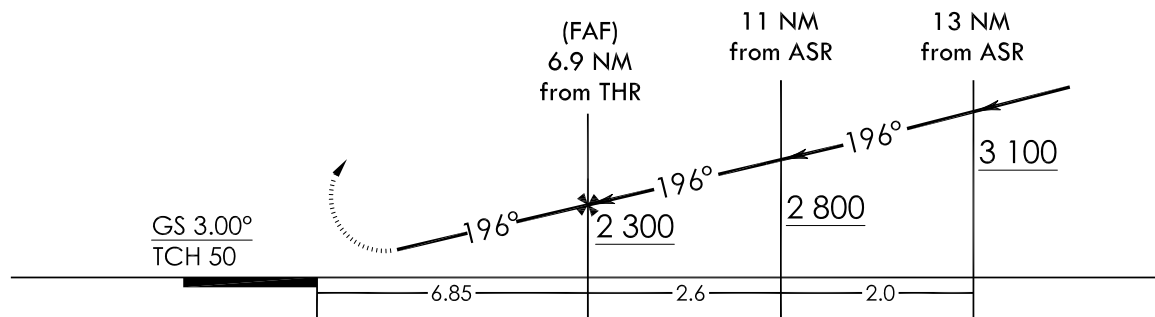


TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



Missed Approach Climb Rate table

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



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

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

MISSED APPROACH

Climb HDG 196° to 1 500 ft and climbing left turn HDG 060° to 4 000 ft and directed by ATC.

Change : Information of procedure.

INTENTIONALLY

LEFT

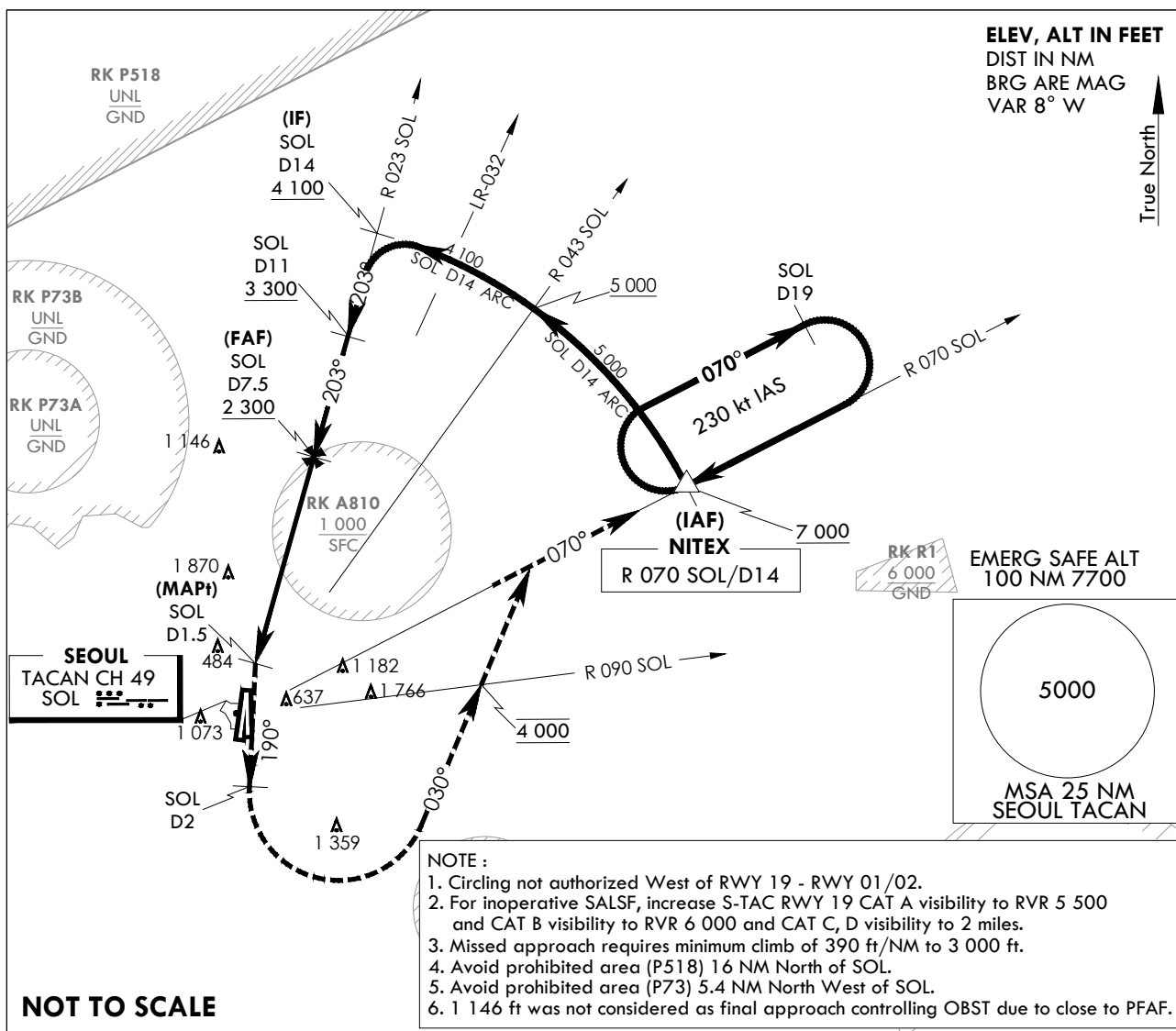
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INSTRUMENT APPROACH CHART

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

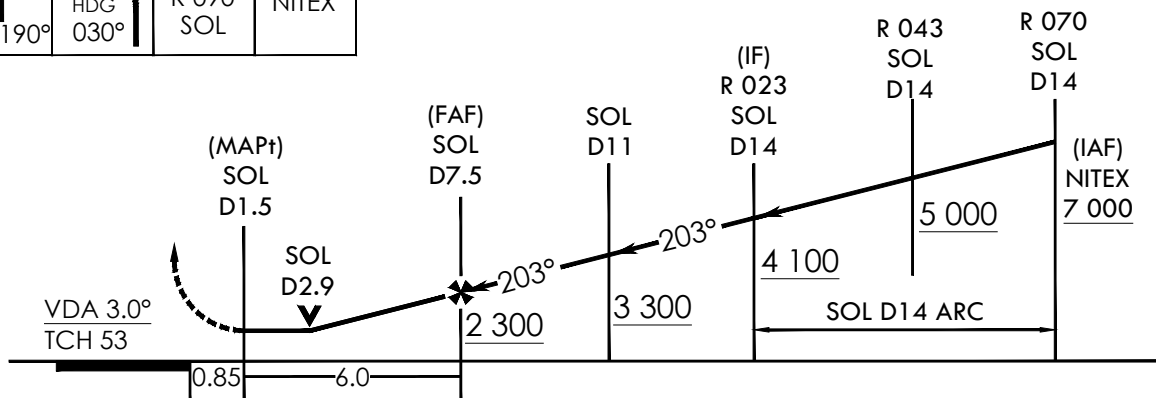
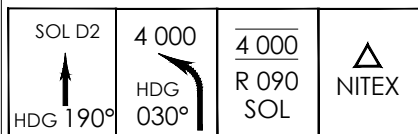
SEOUL/Seoul(RKSM)
TACAN
RWY 19



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-TAC RWY 19	820 / 40 748 (800 - 3 $\frac{1}{2}$)	820 / 55 748 (800 - 1)	820 - 1 $\frac{7}{8}$ 748 (800 - 1 $\frac{7}{8}$)		N/A
Circling	1 020 - 1 $\frac{1}{4}$ 927(1 000-1 $\frac{1}{2}$)		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 : Information of fix name(HANJI → NITEX).

OFFICE OF CIVIL AVIATION

AIRAC AIP AMDT 7/21
Effective : 1600UTC 14 JUL 2021

INTENTIONALLY

LEFT

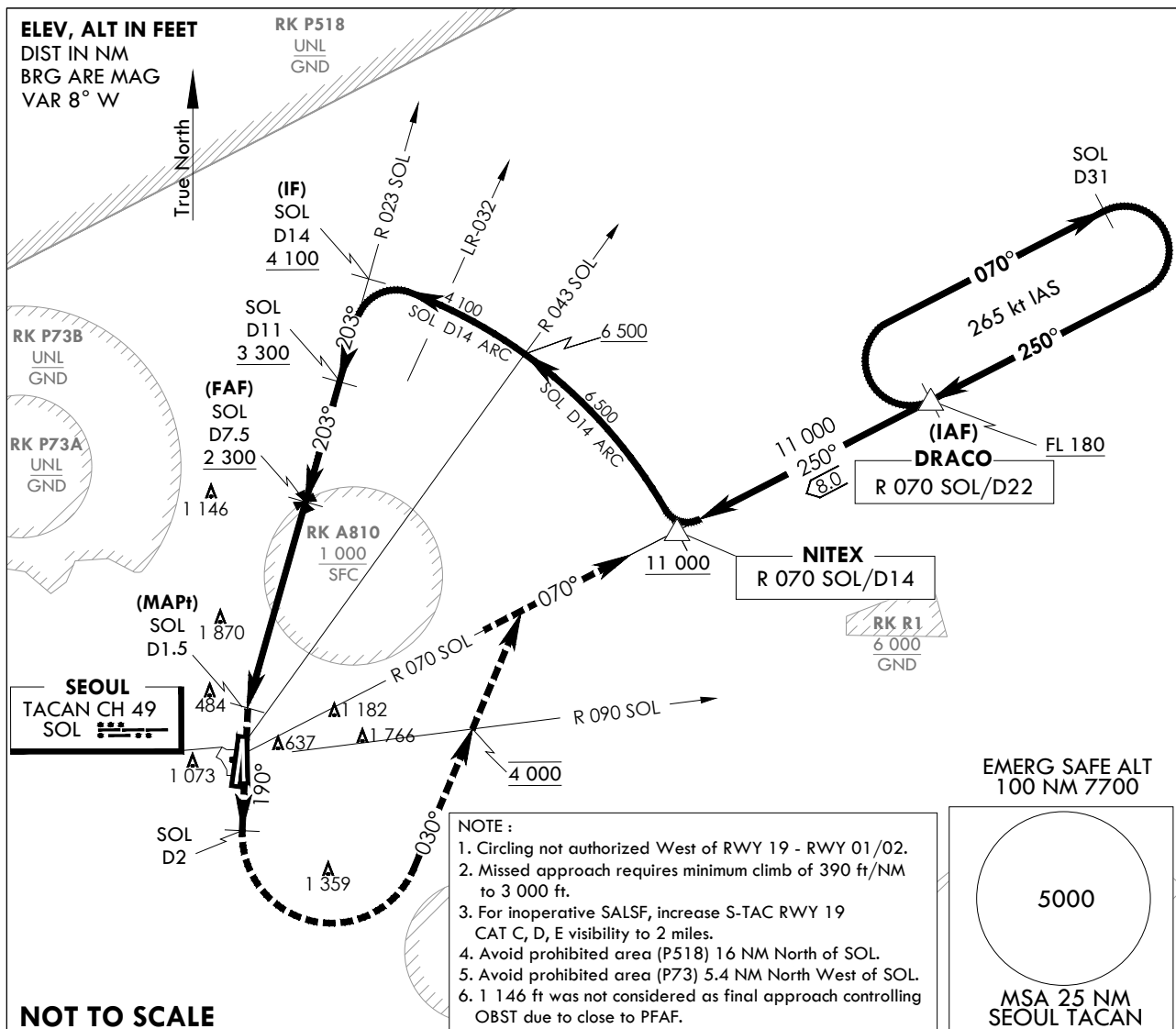
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**INSTRUMENT
APPROACH
CHART**

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

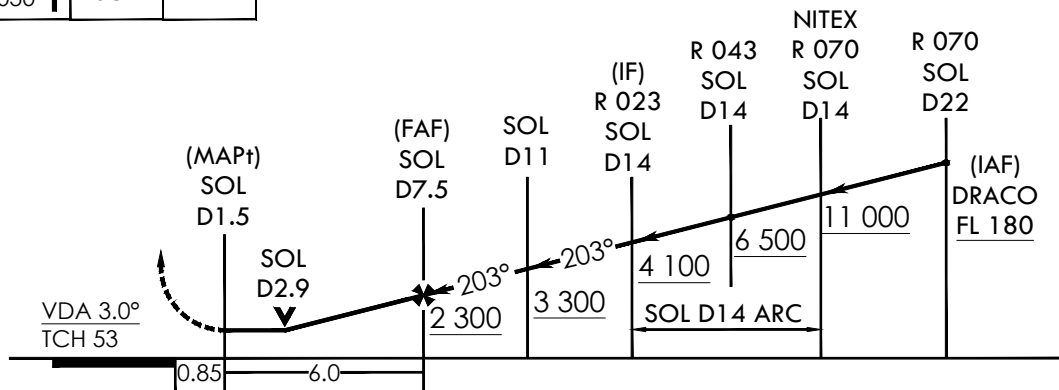
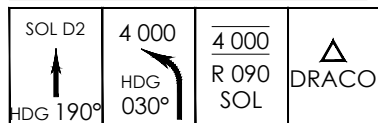
SEOUL/Seoul(RKSM)
HI-TACAN
RWY 19



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-TAC RWY 19	N/A			820 - 1 7/8 748 (800 - 1 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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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SEOUL	APP	123.8	363.8
SEOUL	TWR	126.2	
		234.5	236.6

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

SEoul TACAN CH 49 SOL

NOT TO SCALE

ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 8° W

NOTE

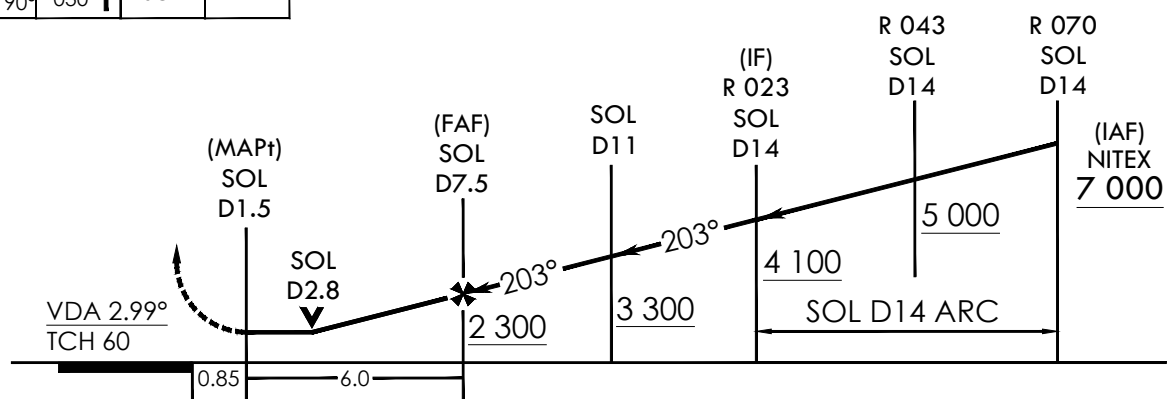
1. Circling not authorized West of RWY 20-RWY 01/02.
2. For inoperative ALSF-1, increase S-TAC RWY 20 CAT A visibility to RVR 5 500 and CAT B visibility to RVR 6 000 and CAT C, D visibility to 2 miles.
3. Missed approach requires minimum climb of 390 ft/NM to 3 000 ft.
4. Avoid prohibited area (P518) 16 NM North of SOL.
5. Avoid prohibited area (P73) 5.4 NM North West of SOL.
6. 1 146 ft was not considered as final approach controlling OBST due to close to PFAF.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

SOL D2 ↑ HDG 190°	4 000 ↘ HDG 030°	<u>4 000</u> R 090 SOL	△ NITEX
-------------------------	------------------------	------------------------------	------------

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-TAC RWY 20	820 / 35 751 (800 - $\frac{2}{3}$)	820 / 40 751 (800 - $\frac{3}{2}$)	820 - 1 $\frac{3}{4}$ 751 (800 - $\frac{1}{2}$)		N/A
Circling	1 020 - 1 $\frac{1}{4}$ 927 (1 000 - $\frac{1}{2}$)		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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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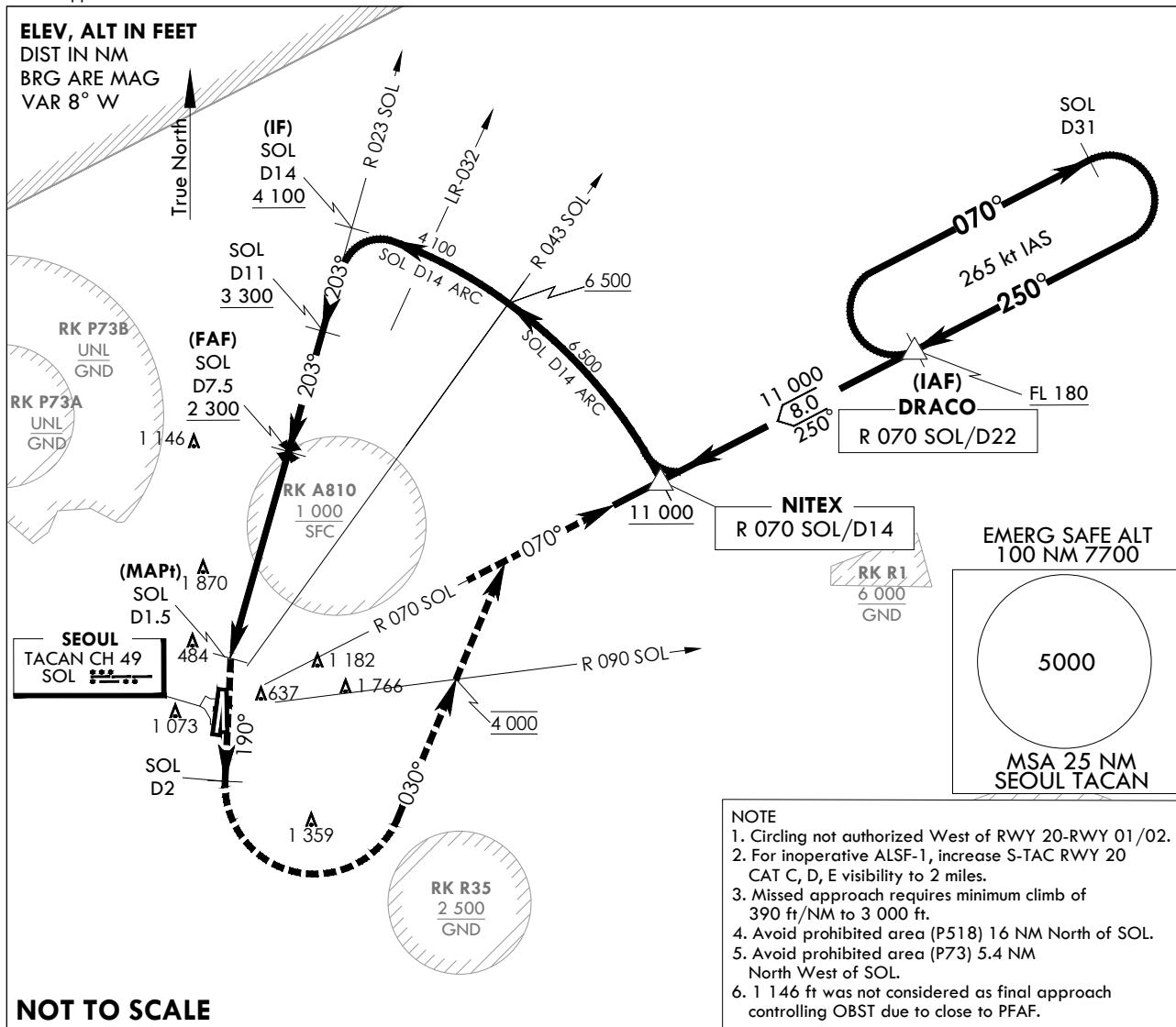
**INSTRUMENT
APPROACH
CHART**

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-TACAN
RWY 20

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

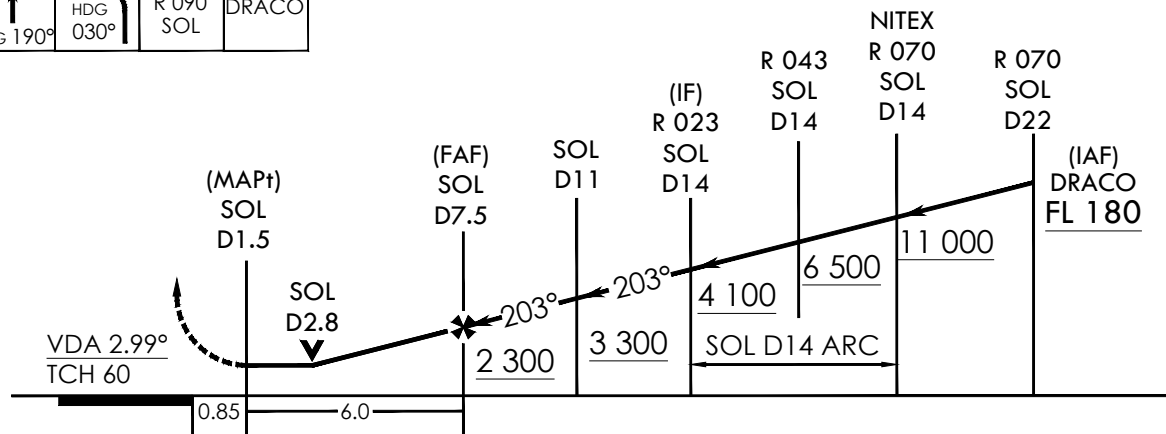
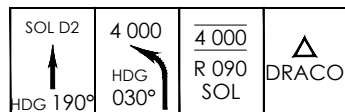


NOT TO SCALE

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-TAC RWY 20	N/A			820 - 1 3/4 751 (800 - 1 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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

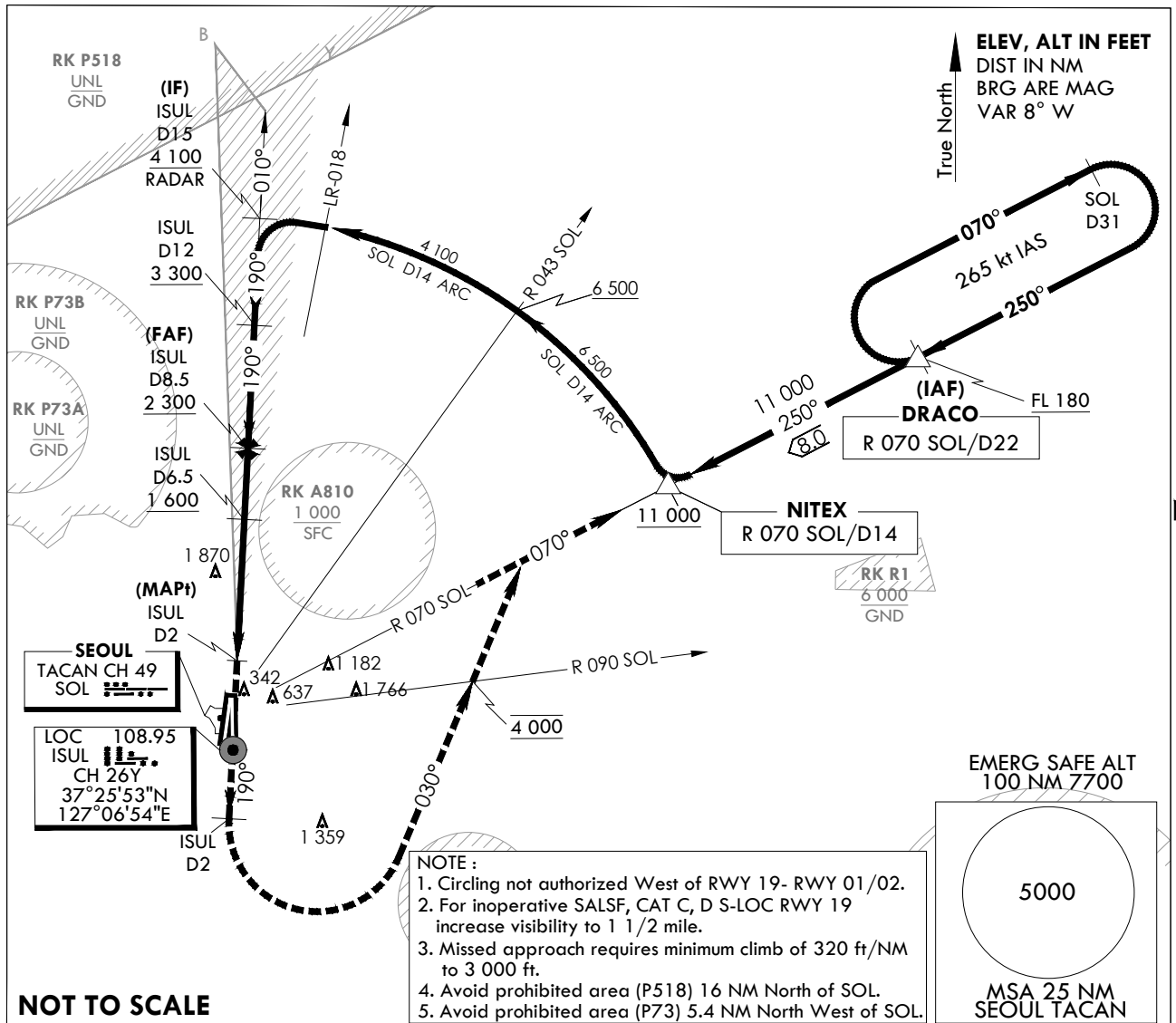
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**INSTRUMENT
APPROACH
CHART**

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

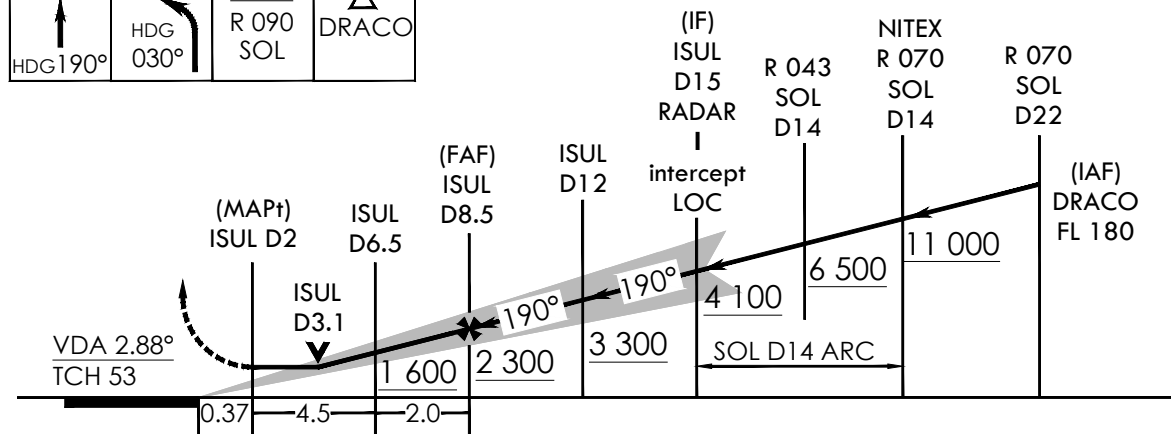
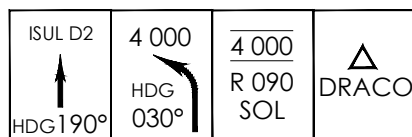
SEOUL/Seoul(RKSM)
HI-LOC/DME
RWY 19



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

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



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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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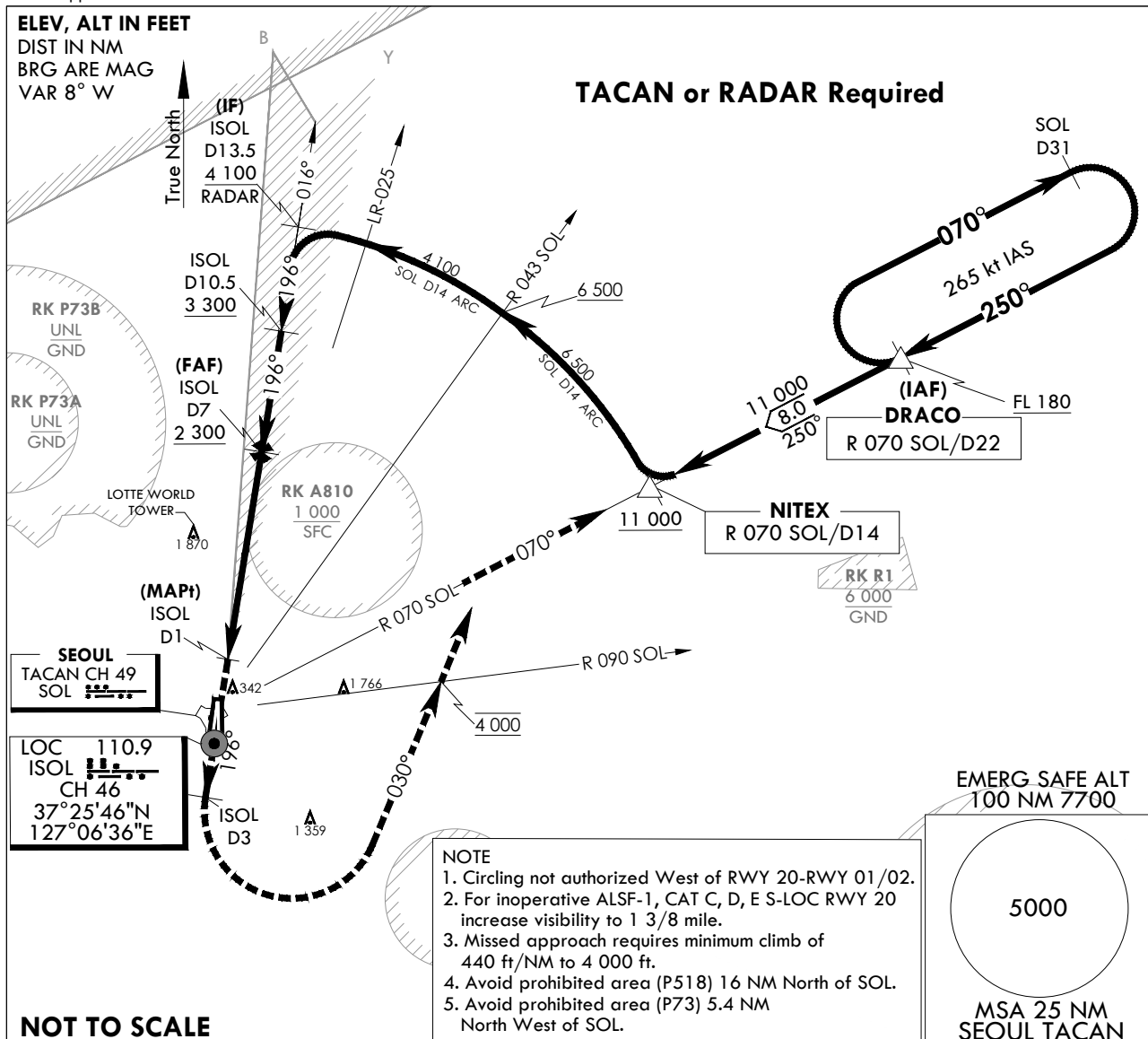
**INSTRUMENT
APPROACH
CHART**

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.

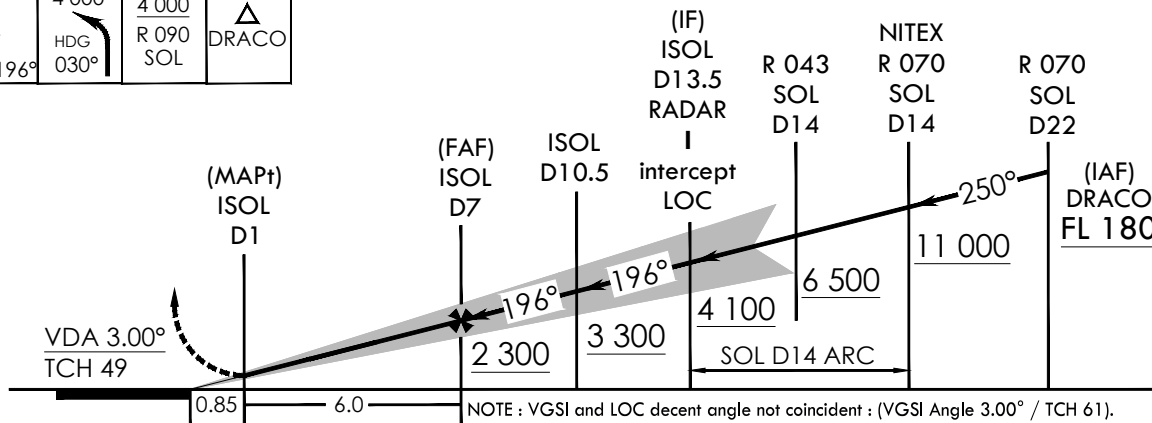
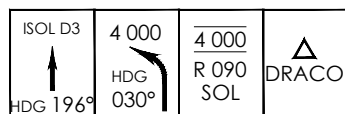


NOT TO SCALE

TRANSITION ALT 14 000
TRANSITION LVL FL 140

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	N/A			520/45 451 (500 - 5)	
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 : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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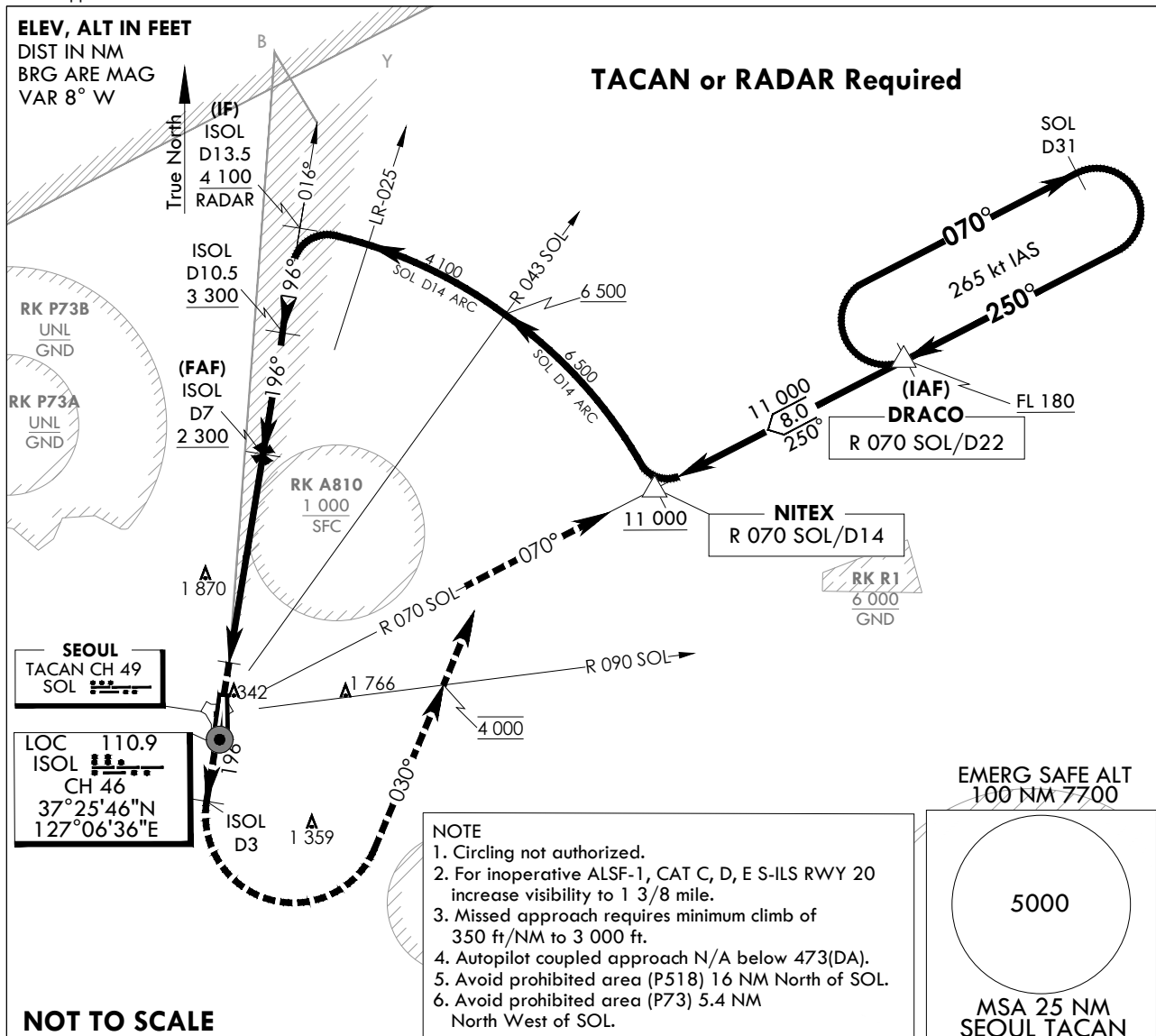
**INSTRUMENT
APPROACH
CHART**

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-ILS
RWY 20

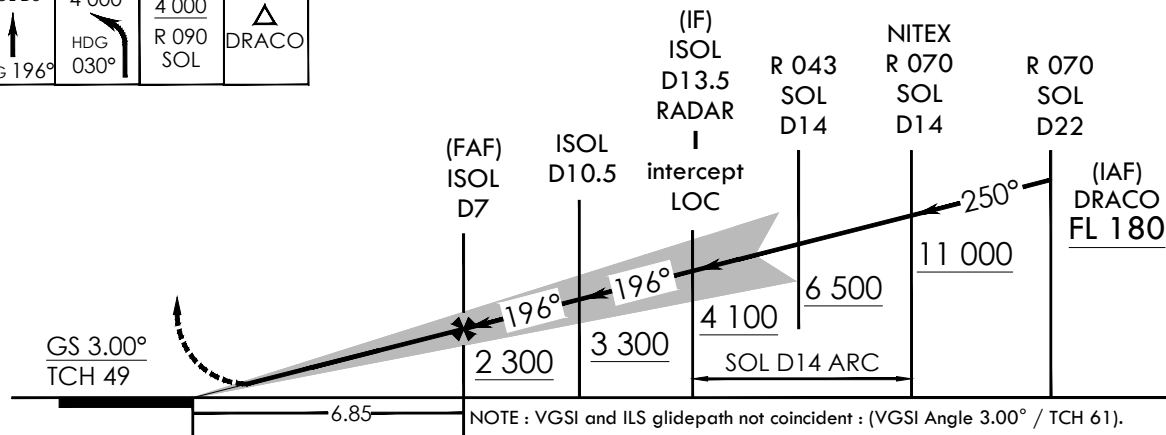
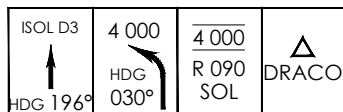
Note : Approach and Circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

Missed Approach Climb Rate table

KNOTS	60	120	180	240	300	TO
V/V(fpm)	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 - 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.

Change : Information of fix name(HANJI → NITEX).

INTENTIONALLY

LEFT

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