

INSTRUMENT
APPROACH
CHART

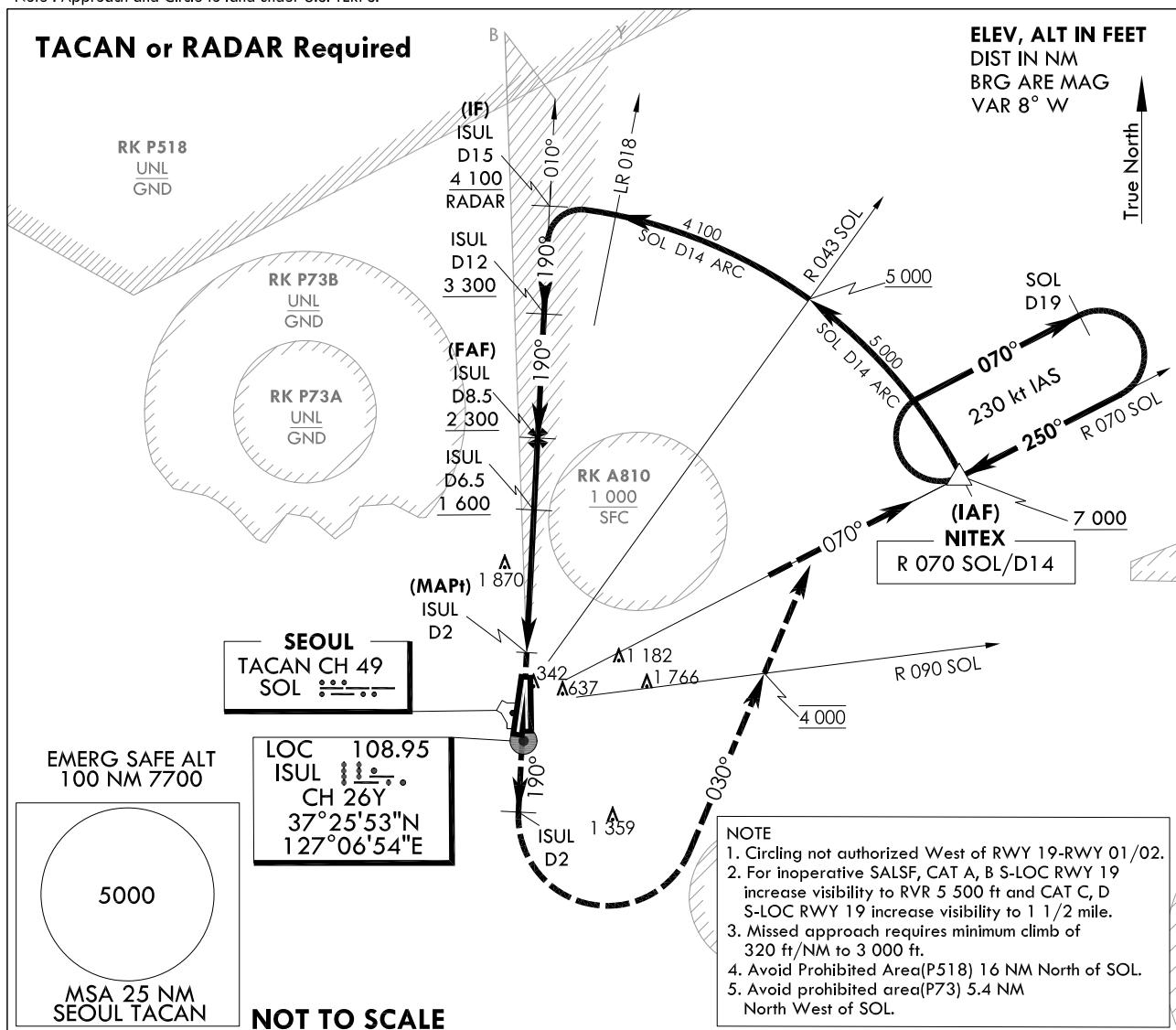
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

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.

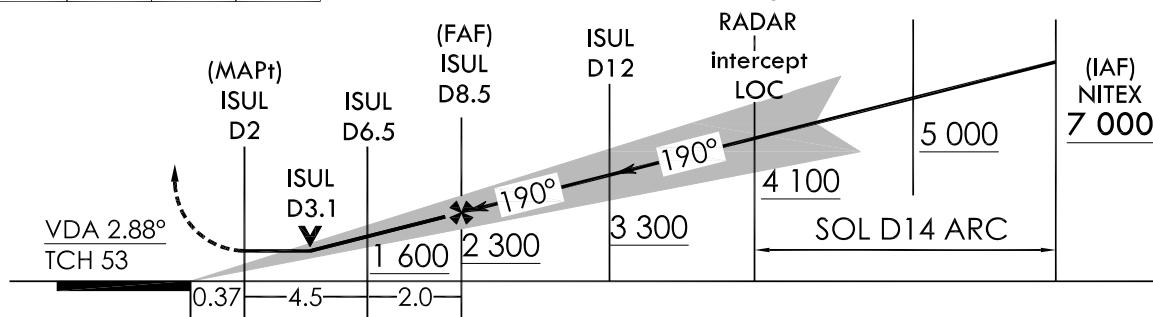
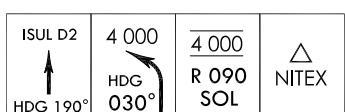
TACAN or RADAR Required



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 - $\frac{3}{4}$)		600 - $1\frac{1}{4}$ 528 (600 - $1\frac{1}{4}$)		N/A
Circling	1 020 - $1\frac{1}{2}$ 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 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

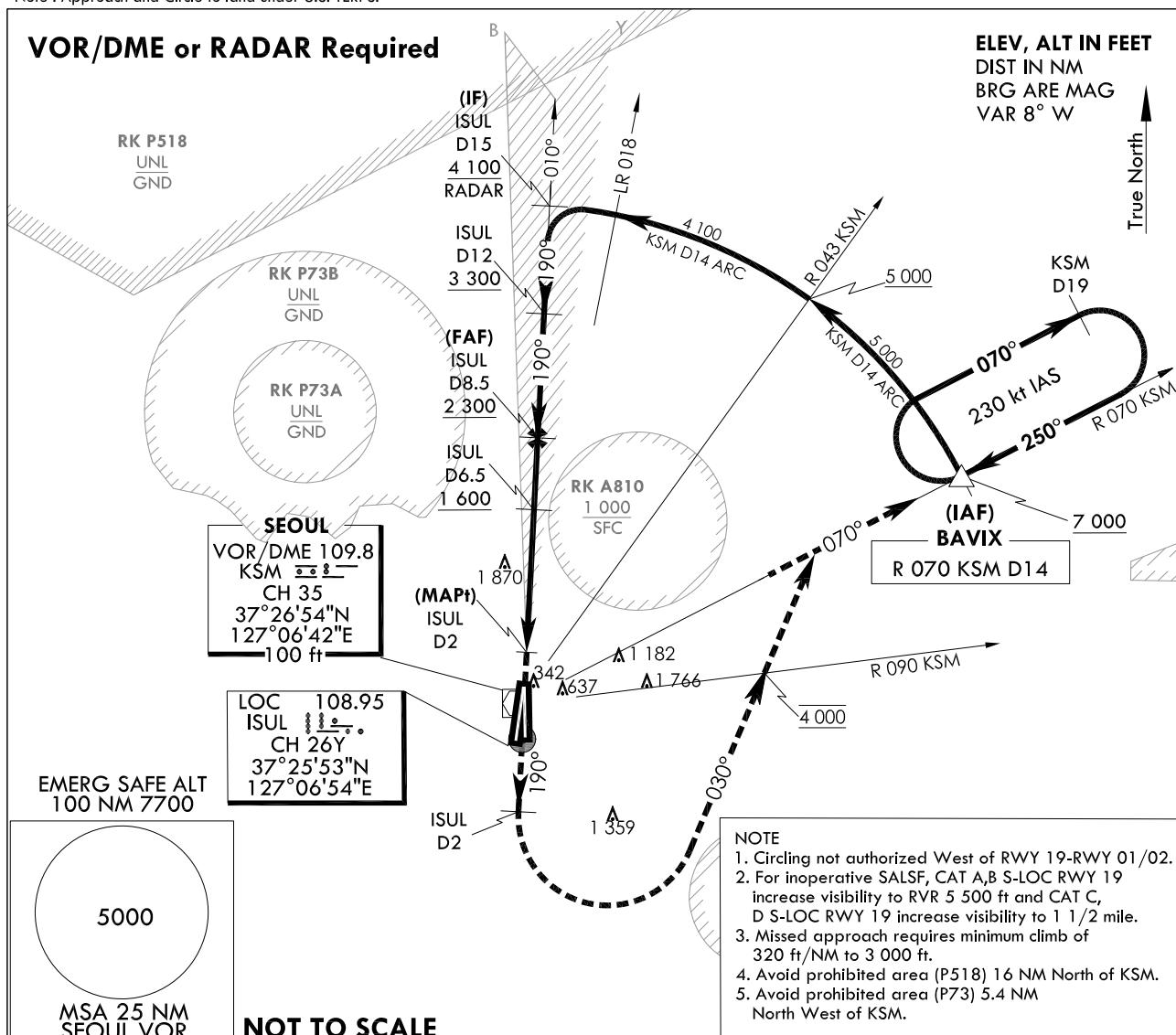
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	234.5	236.6

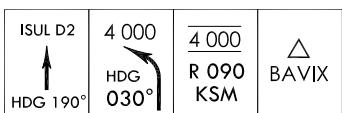
SEOUL/Seoul(RKSM)
LOC/DME Y
RWY 19

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

VOR/DME or RADAR Required

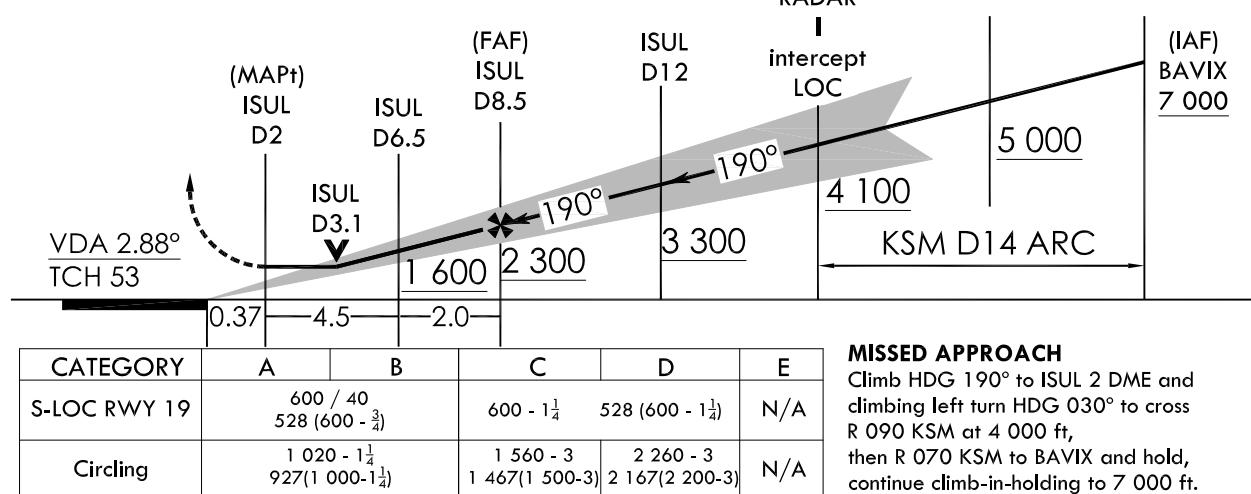


TRANSITION ALT 14 000
TRANSITION LVL FL 140



Missed Approach Climb Rate table

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



Change : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

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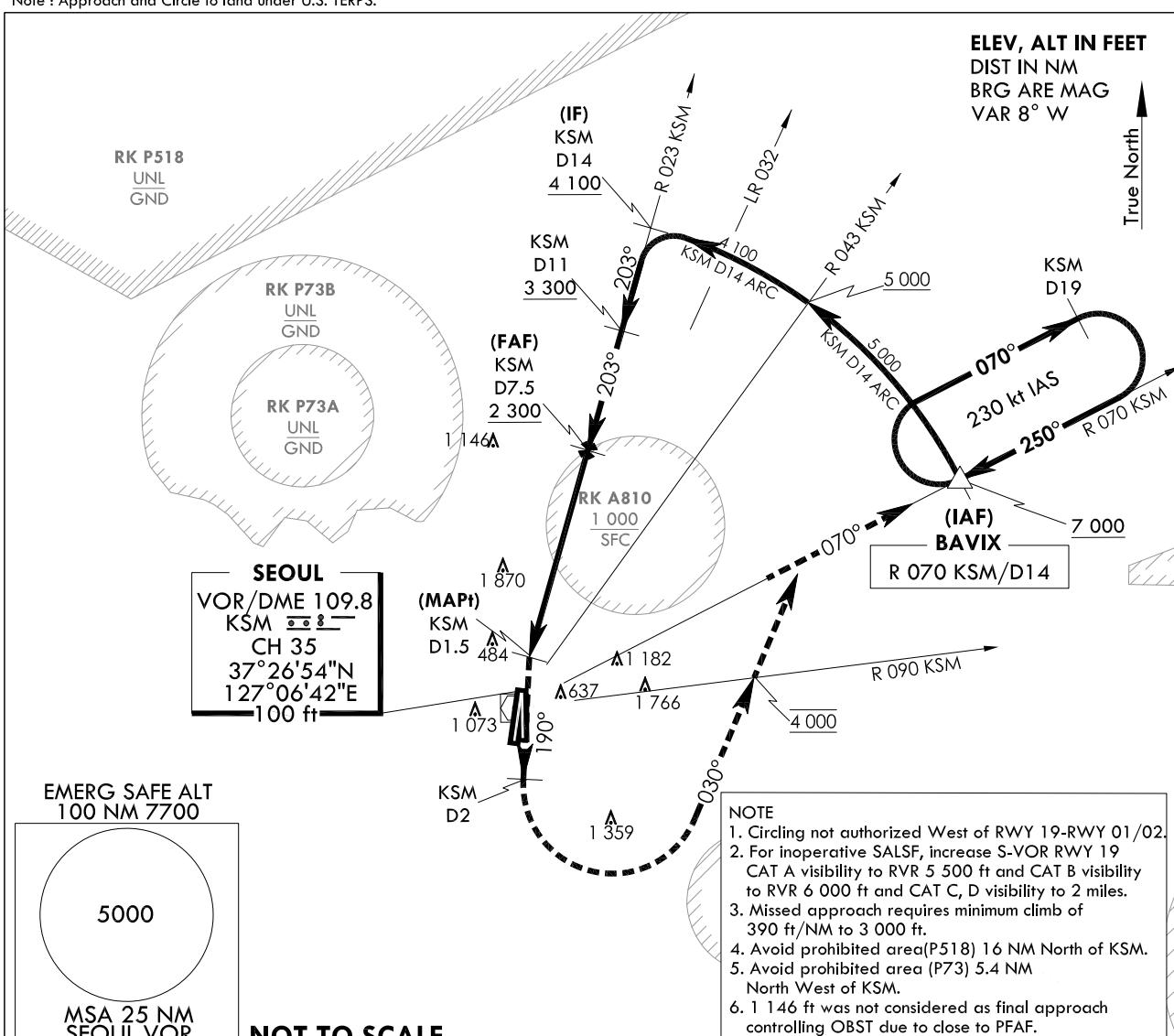
INSTRUMENT
APPROACH
CHART

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)
VOR/DME
RWY 19

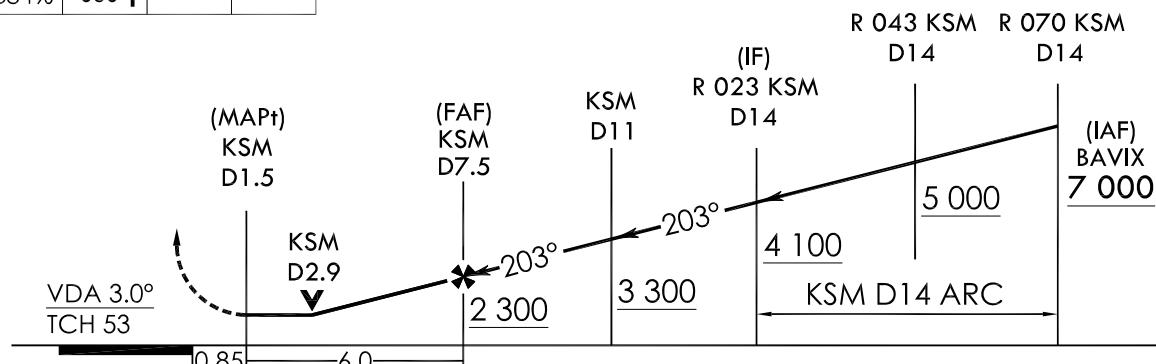
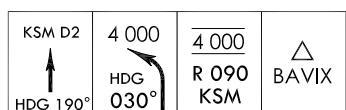
Note : Approach and Circle to Land under U.S. TERPS.



TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

Missed Approach Climb Rate table

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

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INSTRUMENT
APPROACH
CHART

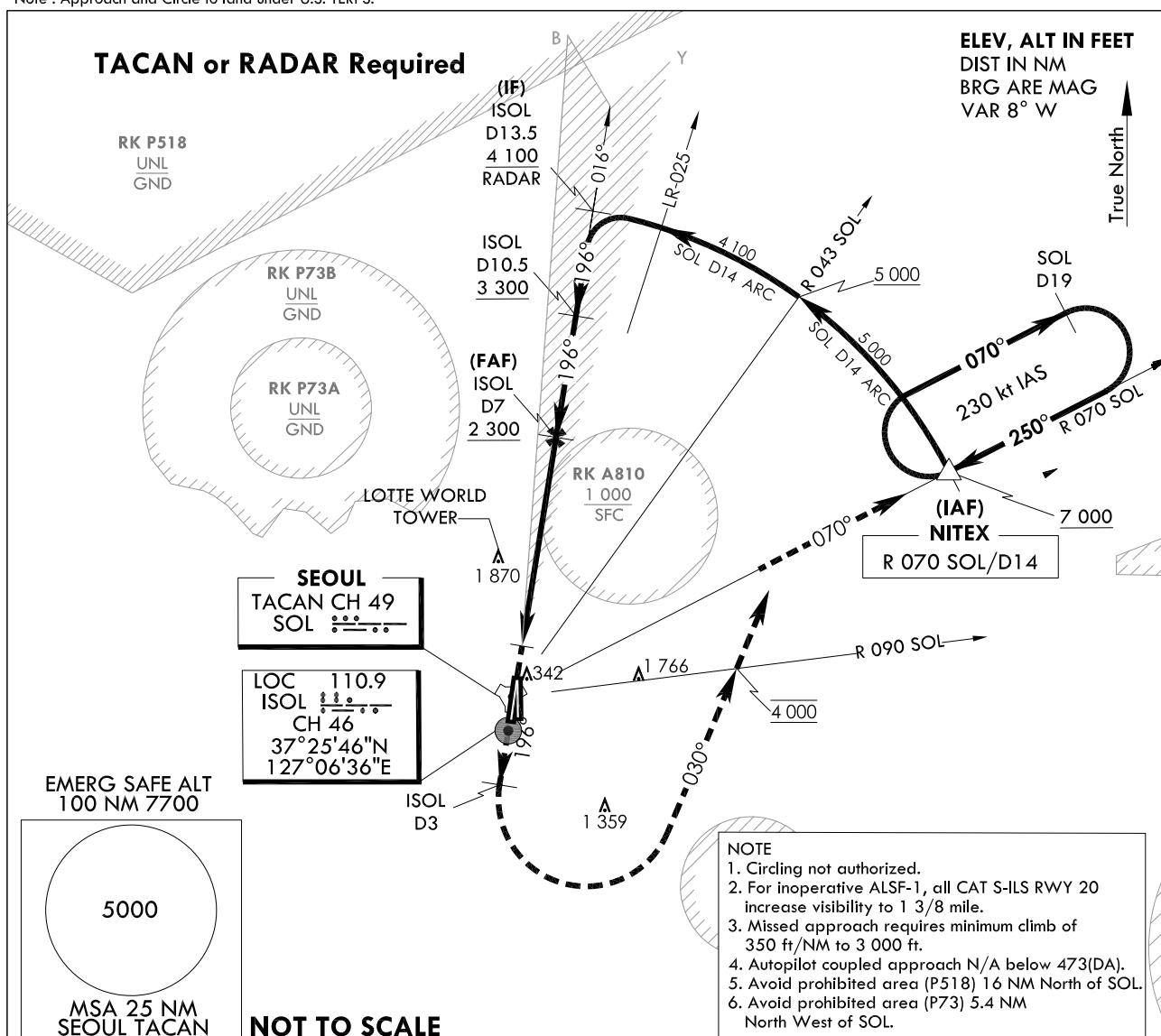
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	234.5	236.6

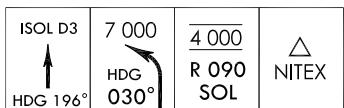
SEOUL/Seoul(RKSM)
ILS Z
RWY 20

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

TACAN or RADAR Required

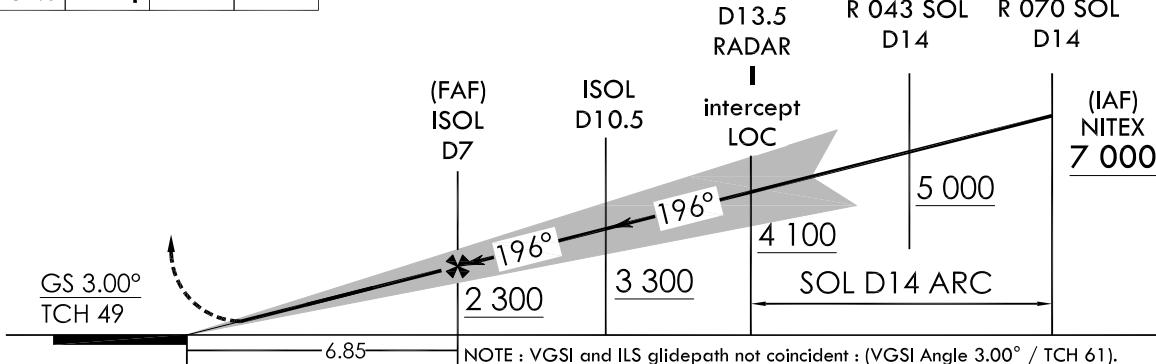


TRANSITION ALT 14 000
TRANSITION LVL FL 140



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 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

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INSTRUMENT
APPROACH
CHART

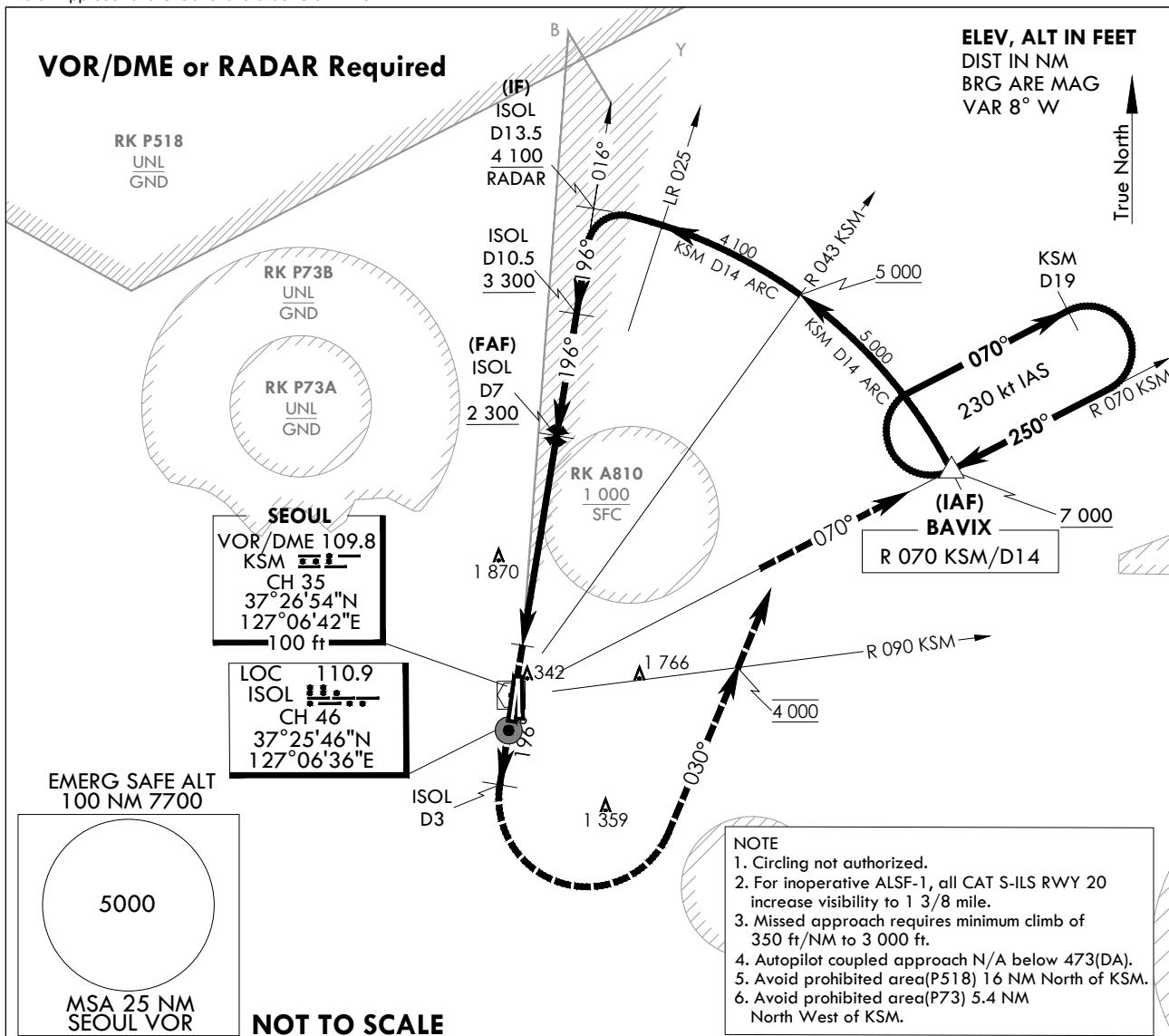
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	234.5
	236.6	

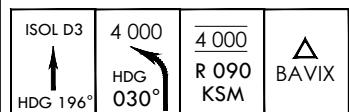
SEOUL/Seoul(RKSM)
ILS Y
RWY 20

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

VOR/DME or RADAR Required

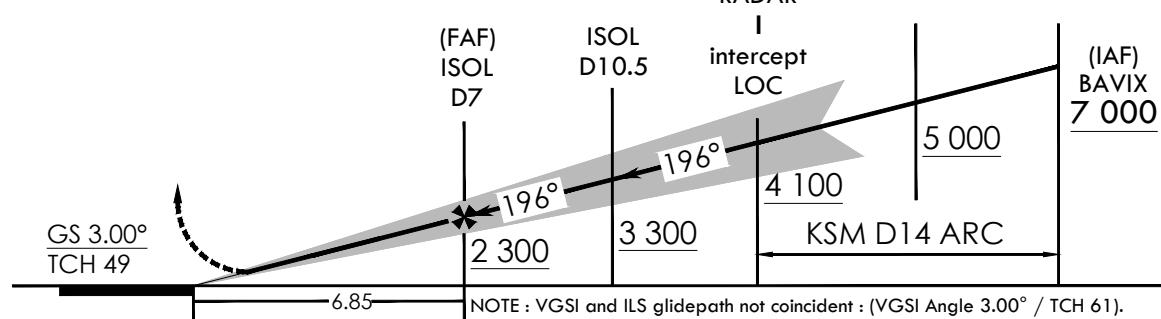


TRANSITION ALT 14 000
TRANSITION LVL FL 140



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

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INSTRUMENT
APPROACH
CHART

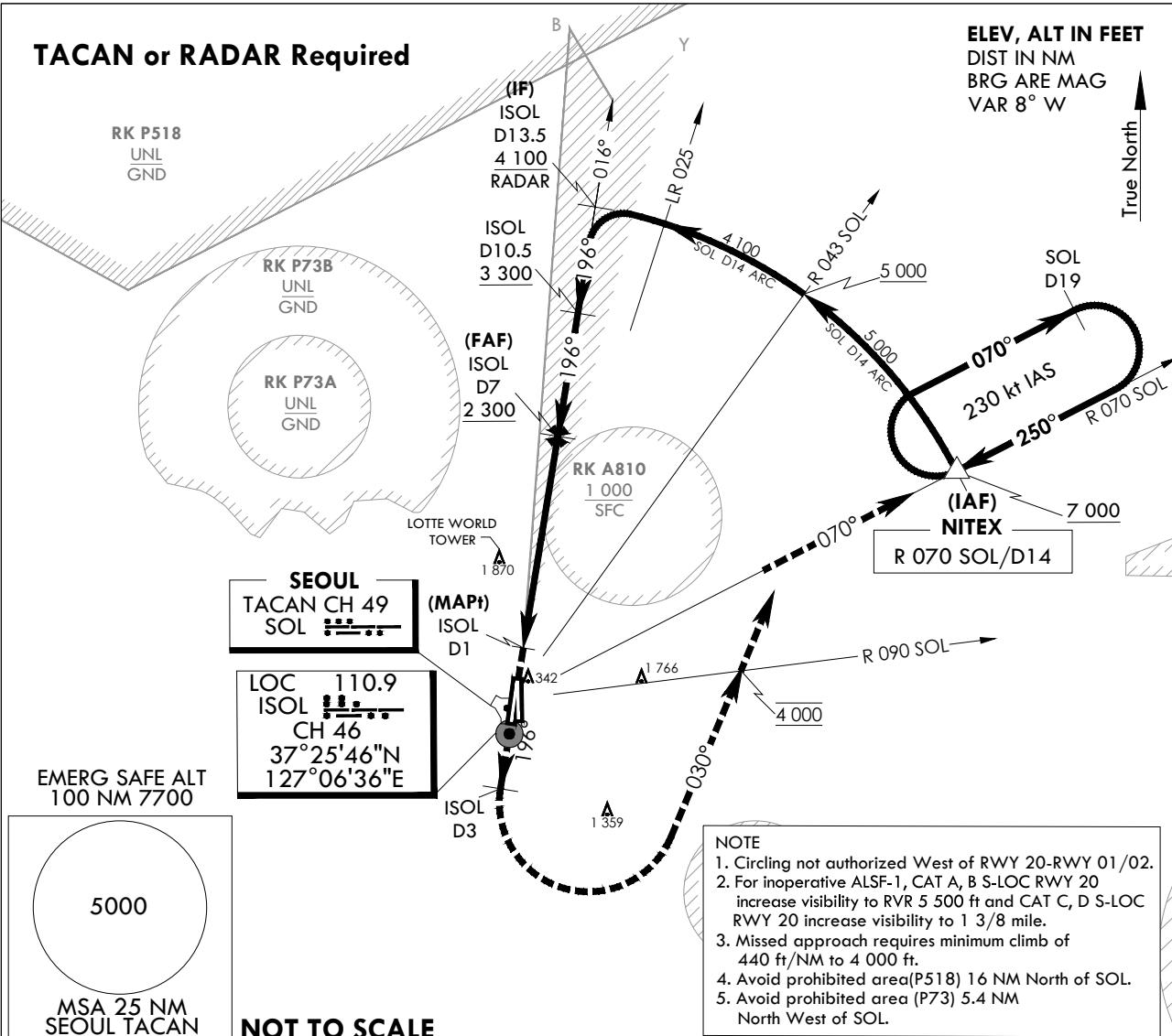
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	234.5
		236.6

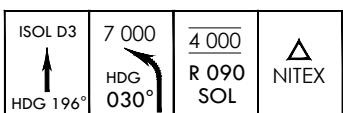
SEOUL/Seoul(RKSM)
LOC/DME Z
RWY 20

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

TACAN or RADAR Required

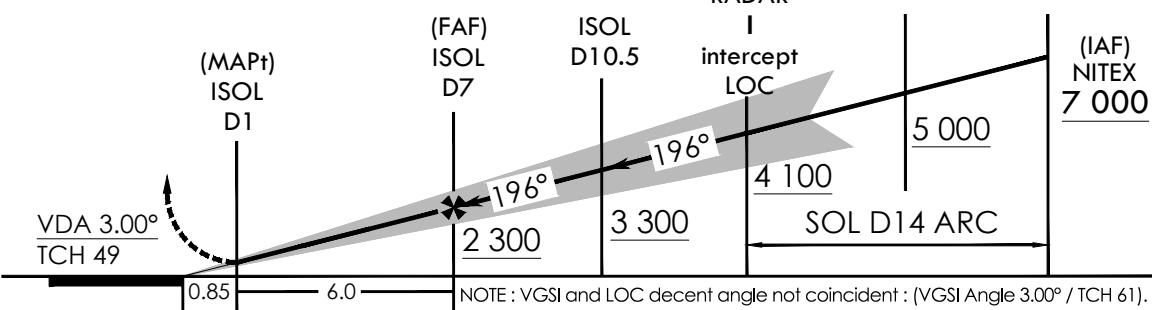


TRANSITION ALT 14 000
TRANSITION LVL FL 140



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

INTENTIONALLY

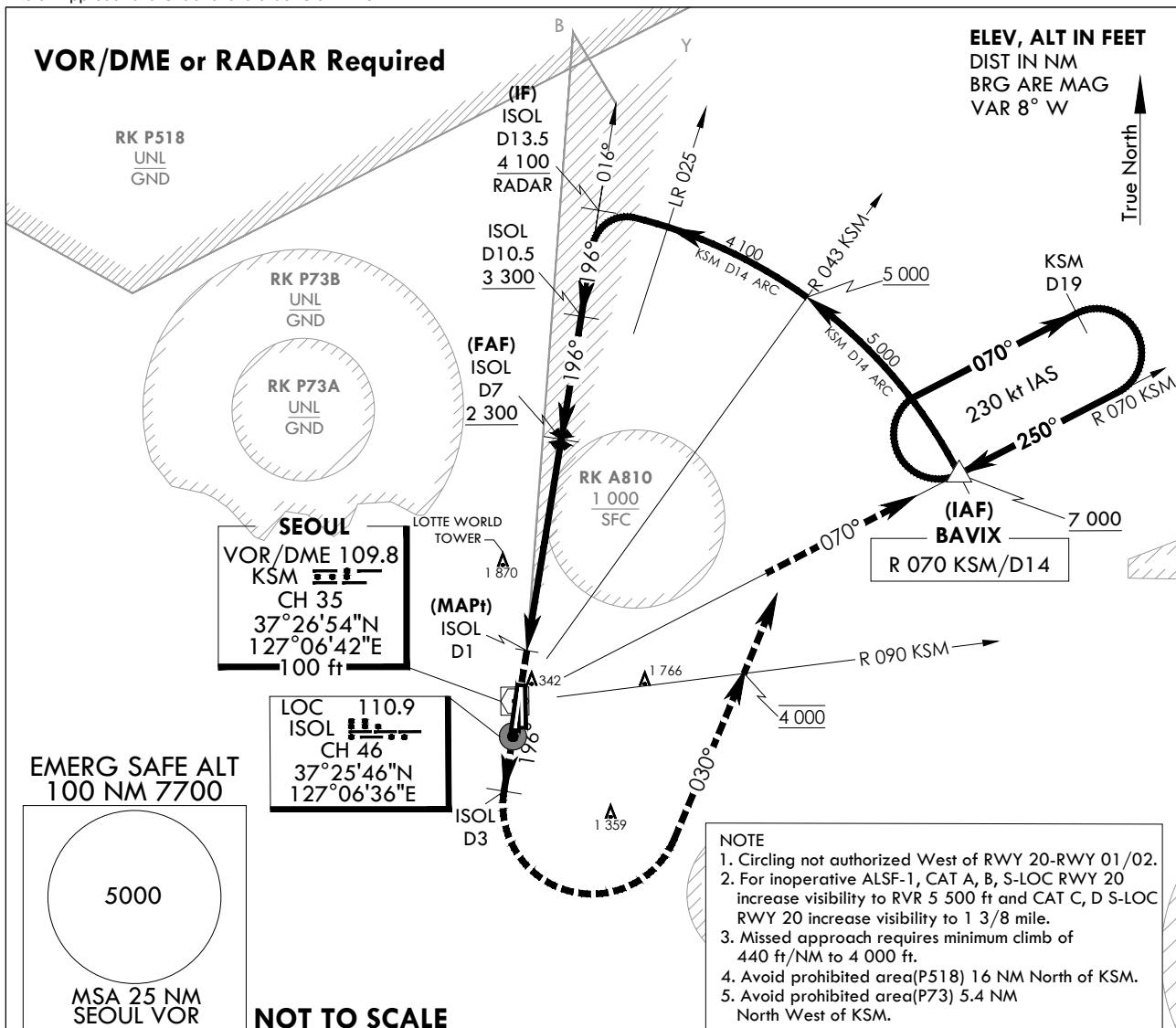
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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2 234.5 236.6SEOUL/Seoul(RKSM)
LOC/DME Y
RWY 20

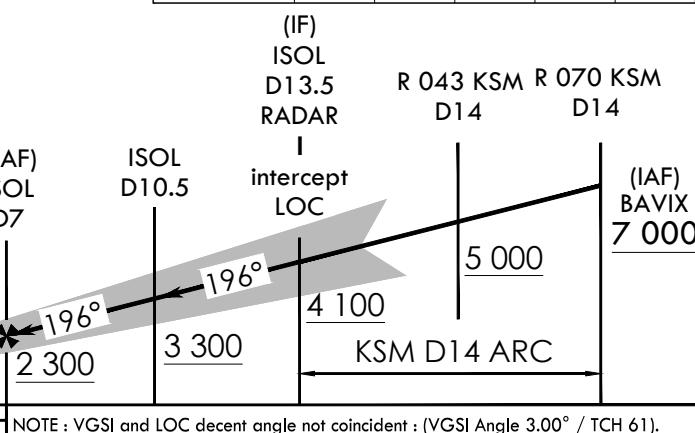
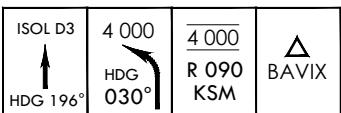
Note : Approach and Circle to land under U.S. TERPS.

VOR/DME or RADAR Required

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 - $\frac{5}{8}$)		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

MISSSED 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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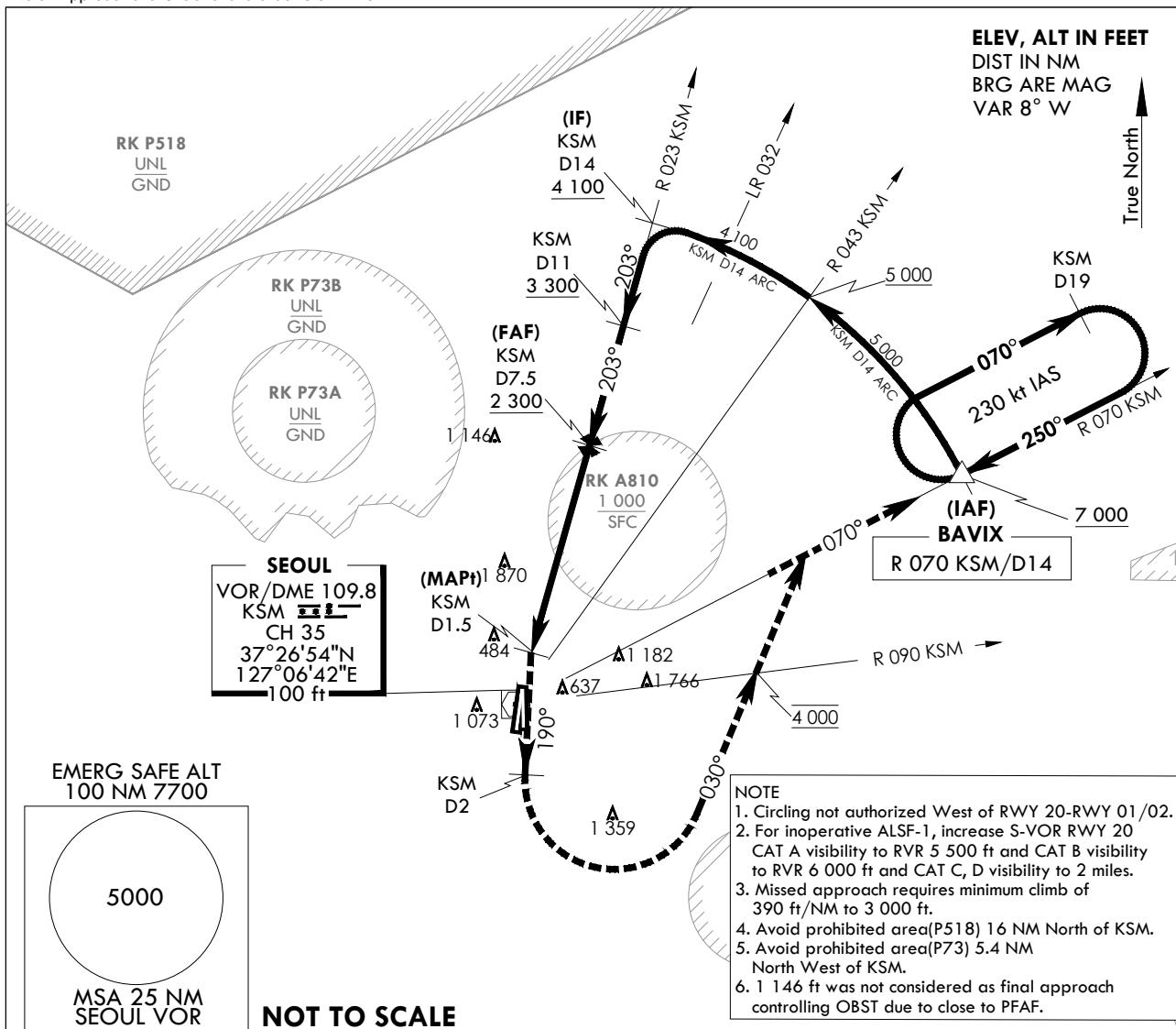
INSTRUMENT
APPROACH
CHART

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

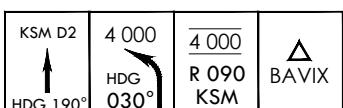
SEOUL APP 123.8 363.8
SEOUL TWR 126.2 234.5 236.6

SEOUL/Seoul(RKSM)
VOR/DME
RWY 20

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

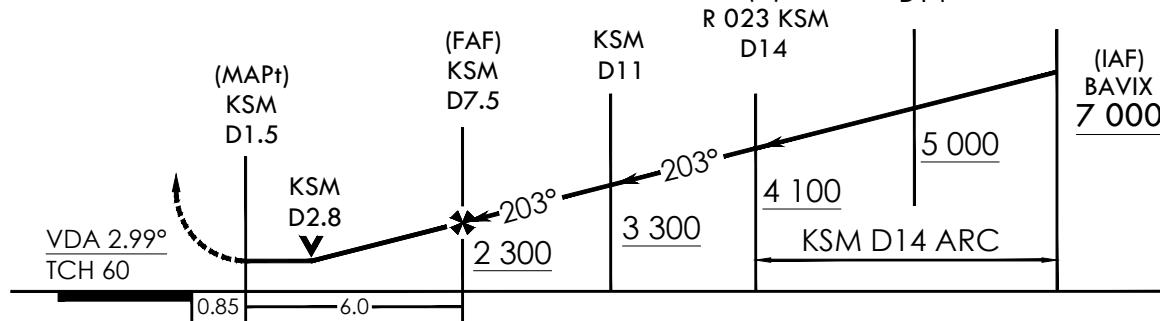


TRANSITION ALT 14 000
TRANSITION LVL FL 140



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).

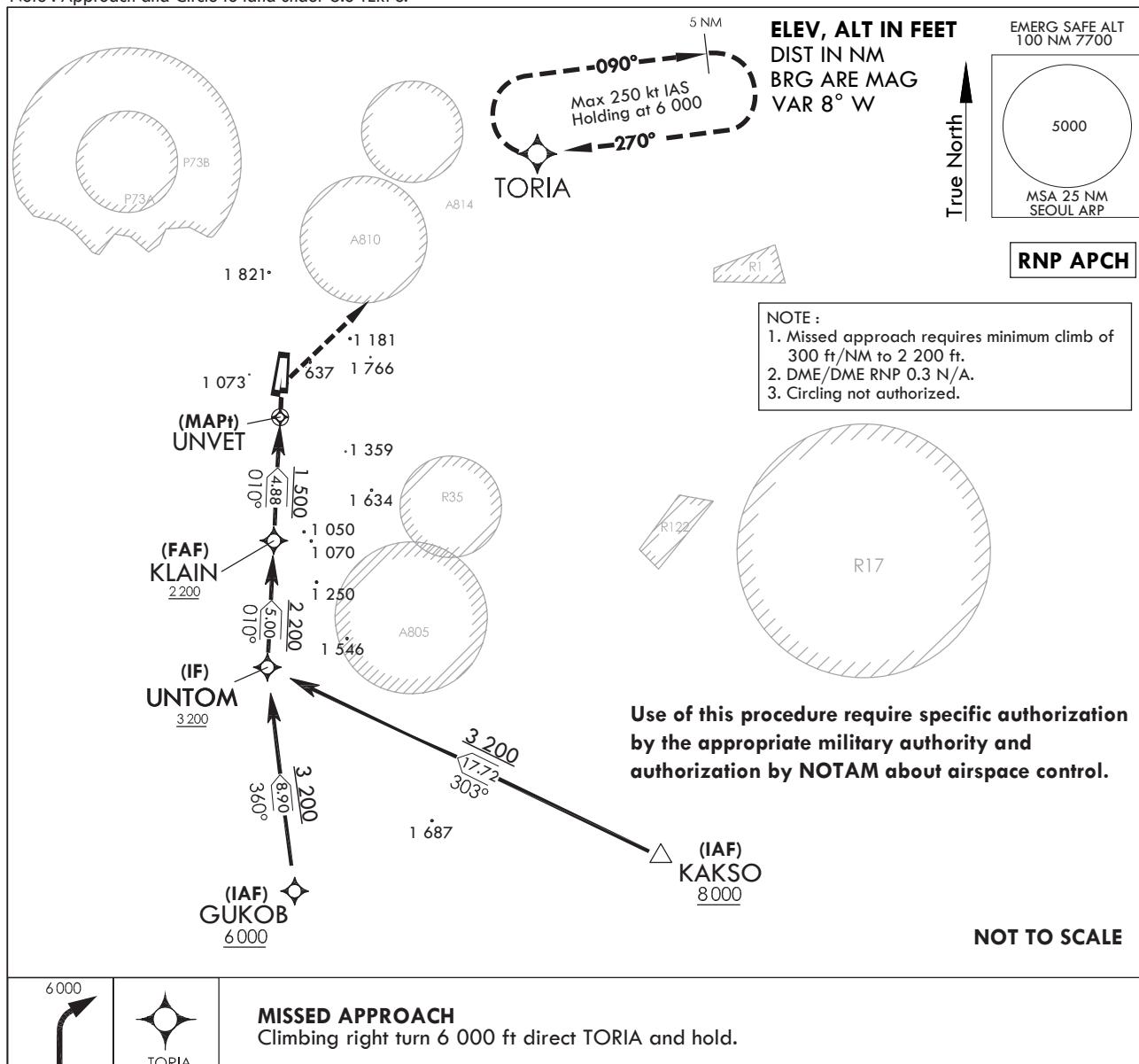
INTENTIONALLY

LEFT

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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 01 - ELEV 78 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5SEOUL/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	1 500-1½ 1 422(1 500-1½)	1 500-1½ 1 422(1 500-1½)	1 500-3 1 422(1 500-3)		N/A
CIRCLING			N/A		

Change : Information of fix name(QUINS → GUKOB).

SEOUL/Seoul (RKSM)

RNP RWY 01

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	UNTOA	-	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	MAP†
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	UNTOA	-	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	MAP†
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

Change : Information of fix name(QUINS → GUKOB).

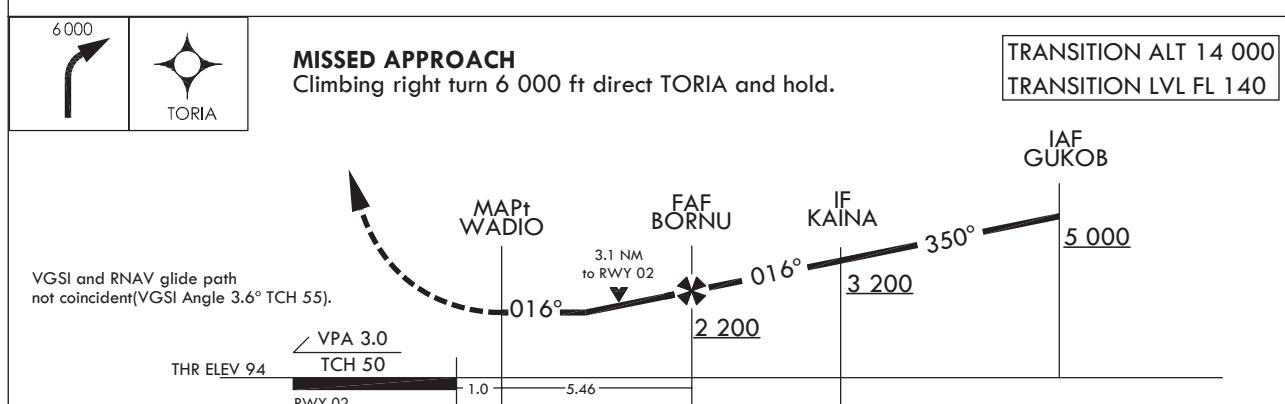
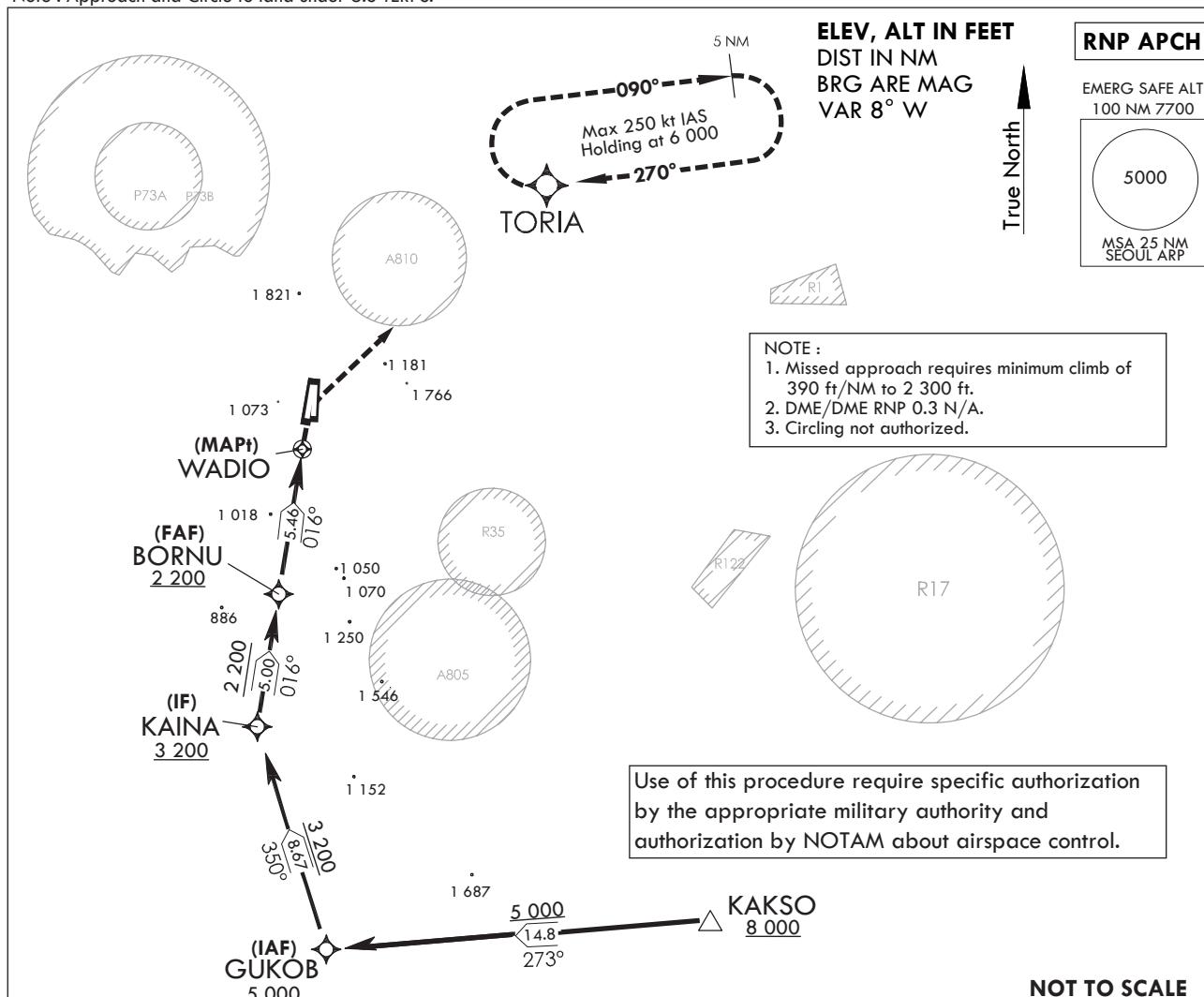
**INSTRUMENT
APPROACH
CHART**

 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 : Information of fix name(QUINS → GUKOB).

SEOUL/Seoul (RKSM)

RNP RWY 02

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	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	-	1607/ 8.07	5	-	+2 200	-	37°19'32.2479"N 127°05'29.7485"E	-	RNP APCH	FAF
004	TF	WADIO	Y	1610/ 8.10	5.46	-	+1 240	-	37°24'57.1290"N 127°06'27.5325"E	3.0°/50	RNP APCH	MAP†
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

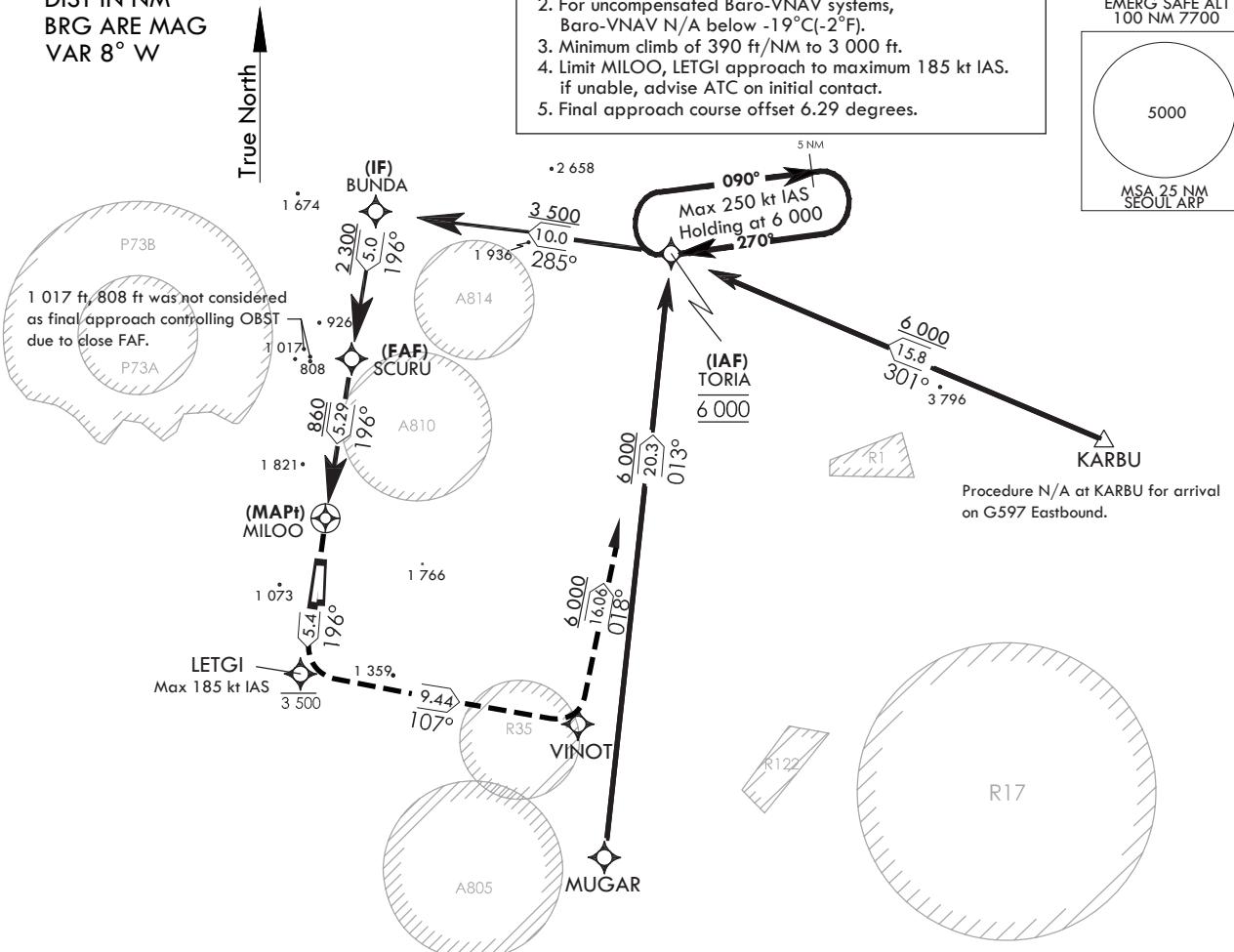
Change : Information of fix name(QUINS → GUKOB).

INSTRUMENT
APPROACH
CHARTAERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 69 ft

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

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5SEOUL/Seoul (RKSM)
RNP RWY 19

ELEV, ALT IN FEET

DIST IN NM
BRG ARE MAG
VAR 8° W

NOT TO SCALE

							MISSED APPROACH
*LNAV only	TR 196°	LETGI	TR 107°	VINOT	TR 018°	TORIA	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.
TRANSITION ALT 14 000							
TRANSITION LVL FL 140							
LETGI							
3 500	196°						
THR ELEV 69	GS 3.00°	TCH 50					
RWY 19	1.55	0.75	4.54				
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 : Information of fix name(NOROO → MUGAR).

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

Change : Information of fix name(NOROO → MUGAR).

INSTRUMENT
APPROACH
CHARTAERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 70 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5SEOUL/Seoul (RKSM)
RNP RWY 20

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

ELEV, ALT IN FEET

DIST IN NM
BRG ARE MAG
VAR 8° W

True North

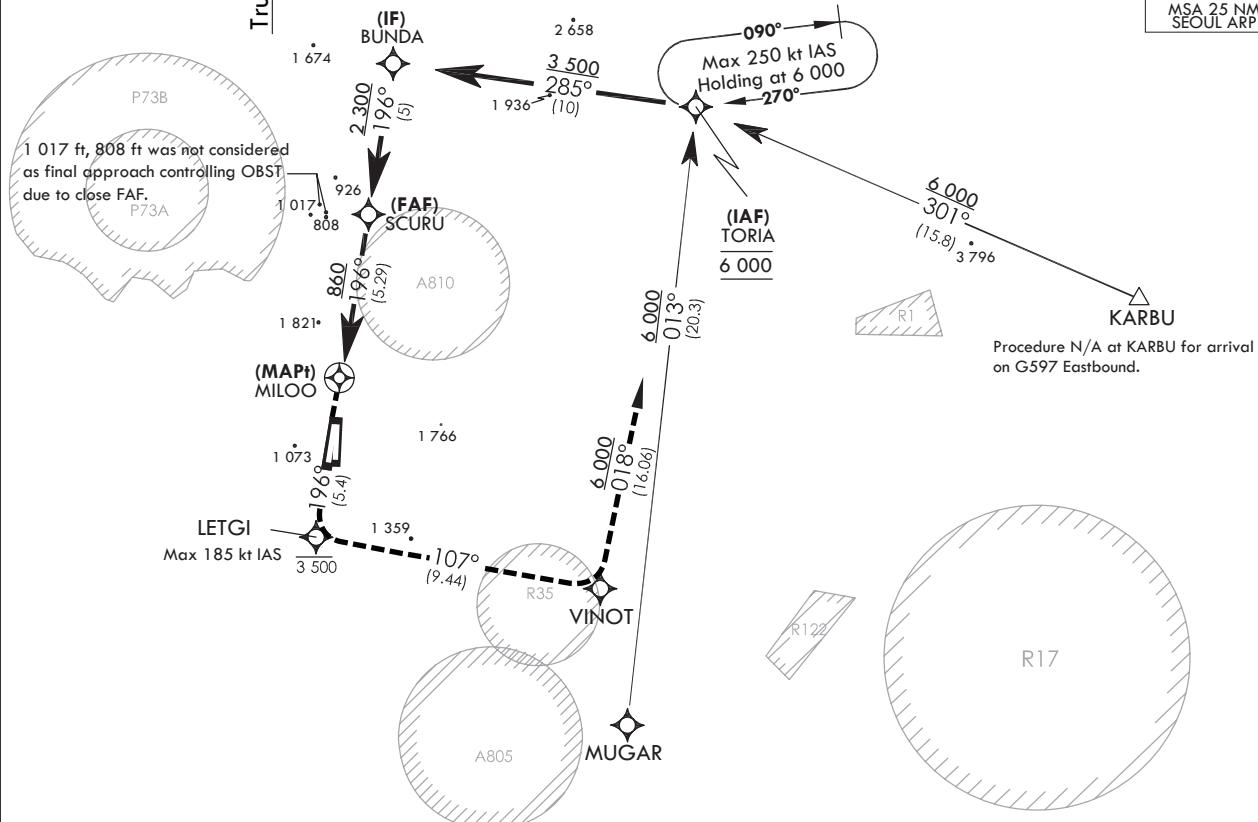
NOTE :

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.

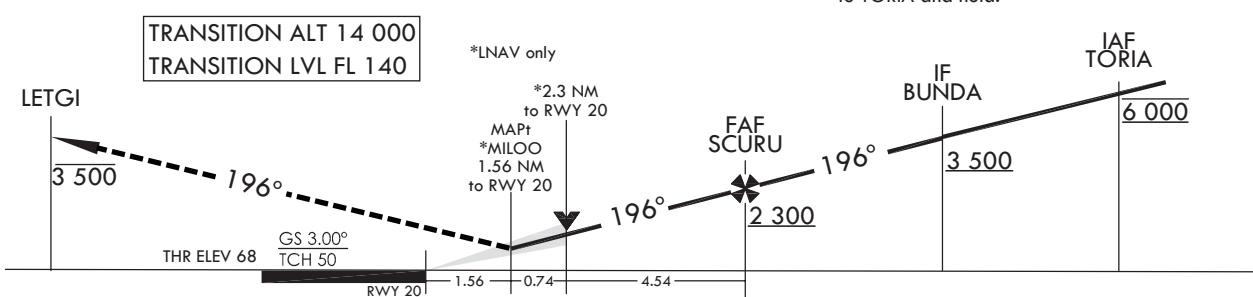
RNP APCH

EMERG SAFE ALT
100 NM 7700

5000

MSA 25 NM
SEOUL ARP

	TR 196°		TR 107°		TR 018°		MISSED APPROACH
*MILOO *LNAV only		3 500 LETGI		VINOT		TORIA	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
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 : Information of fix name(NOROO → MUGAR).

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	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	MAP†
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

Change : Information of fix name(NOROO → MUGAR).

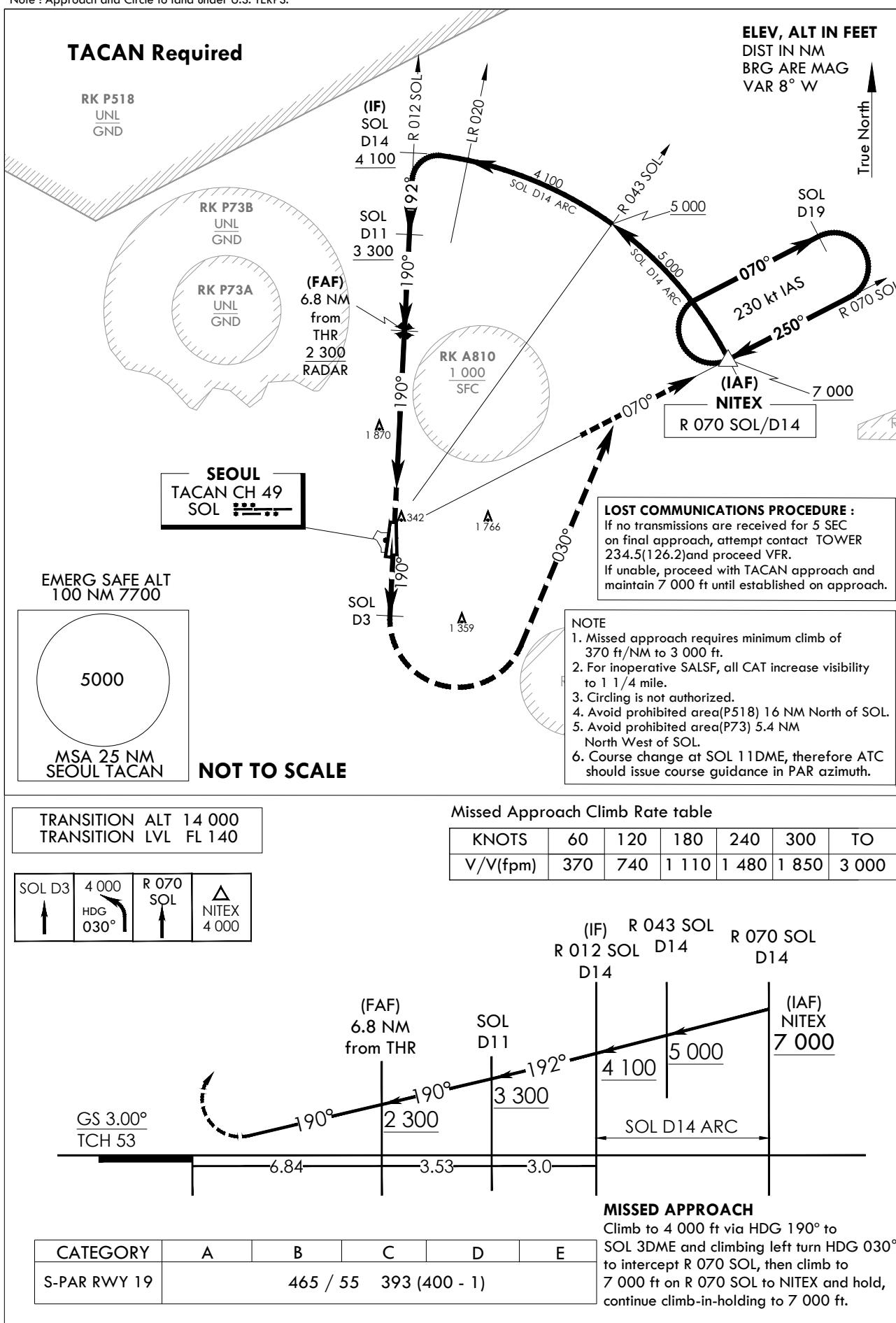
INSTRUMENT
APPROACH
CHART

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.



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

INTENTIONALLY

LEFT

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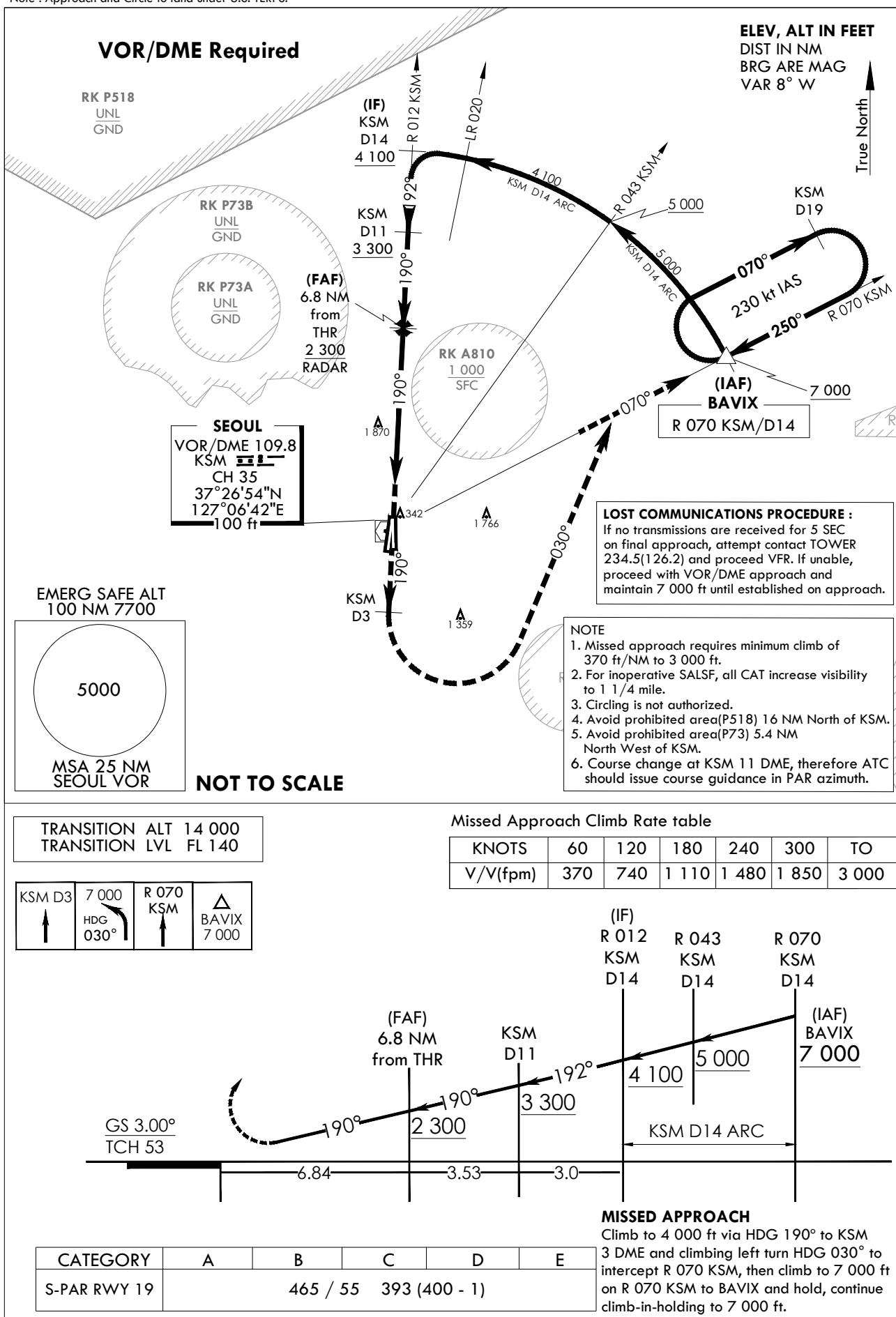
INSTRUMENT
APPROACH
CHART

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.



Change : Information of fix name(ROONI → BAVIX).

INTENTIONALLY

LEFT

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INSTRUMENT
APPROACH
CHART

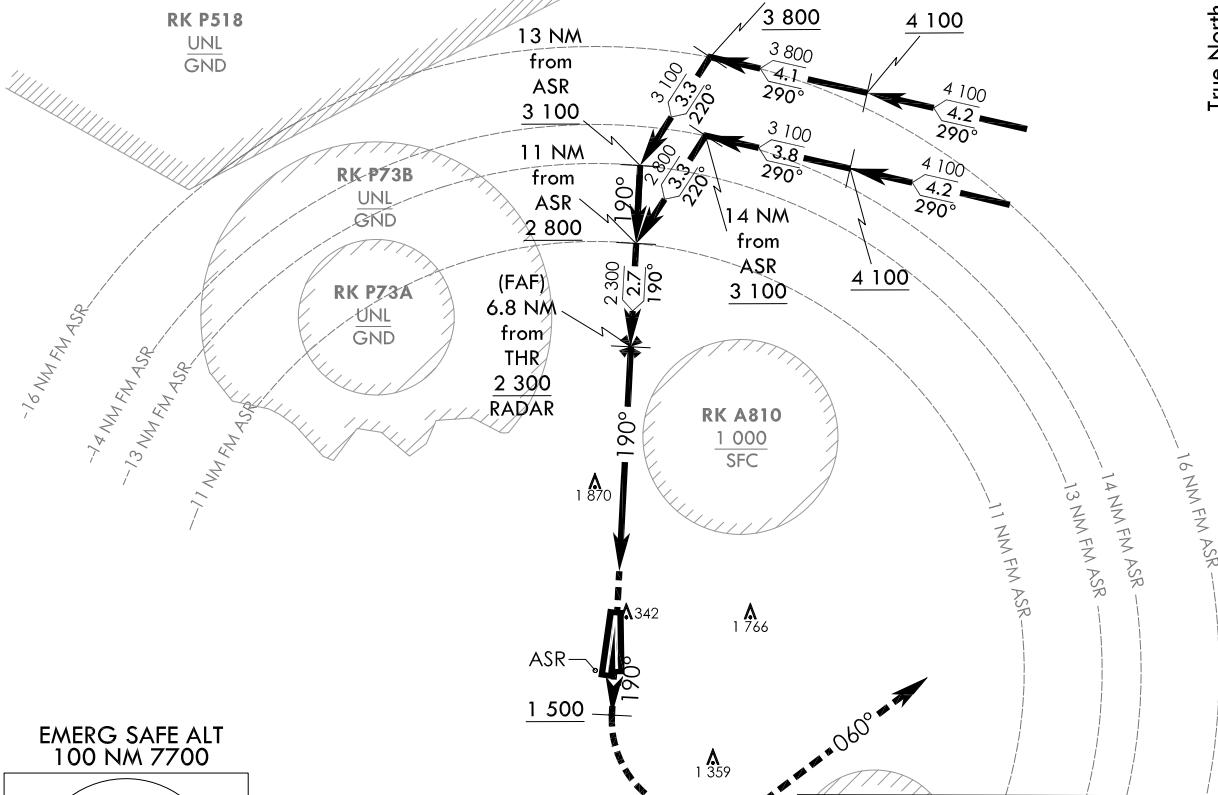
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ft

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	234.5	236.6

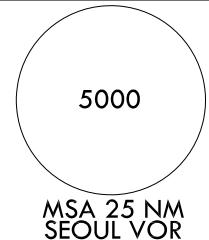
SEOUL/Seoul(RKSM)
PAR X
RWY 19

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

RADAR Required



EMERG SAFE ALT
100 NM 7700



LOST COMMUNICATIONS PROCEDURE :
If no transmissions are received for 1 MIN in the pattern or 5 SEC on final approach, attempt contact TOWER 234.5(126.2) and proceed VFR. If unable, proceed with VOR/DME or TACAN approach and maintain 7 000 ft until established on approach.

NOT TO SCALE

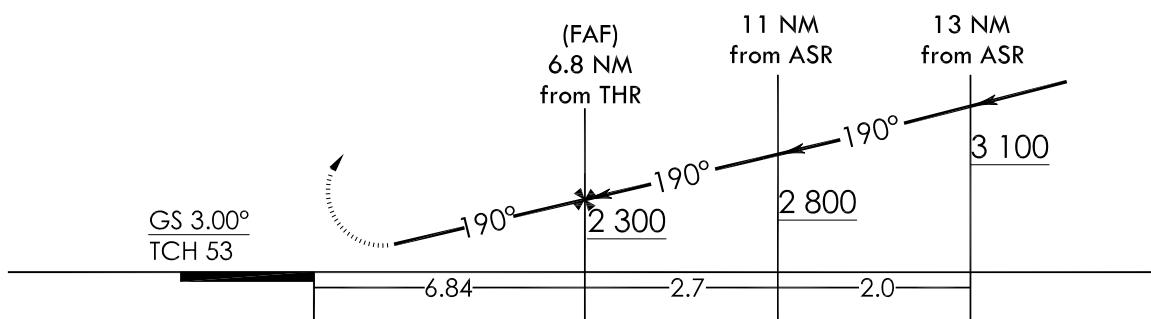
- NOTE**
1. Missed approach requires minimum climb of 370 ft/NM to 3 000 ft.
 2. For inoperative SALSF, all CAT increase visibility to 1 1/4 mile.
 3. Circling is not authorized.
 4. Avoid prohibited area(P518) 16 NM North of SOL/KSM.
 5. Avoid prohibited area(P73) 5.4 NM North West of SOL/KSM.

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)		

MISSSED 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

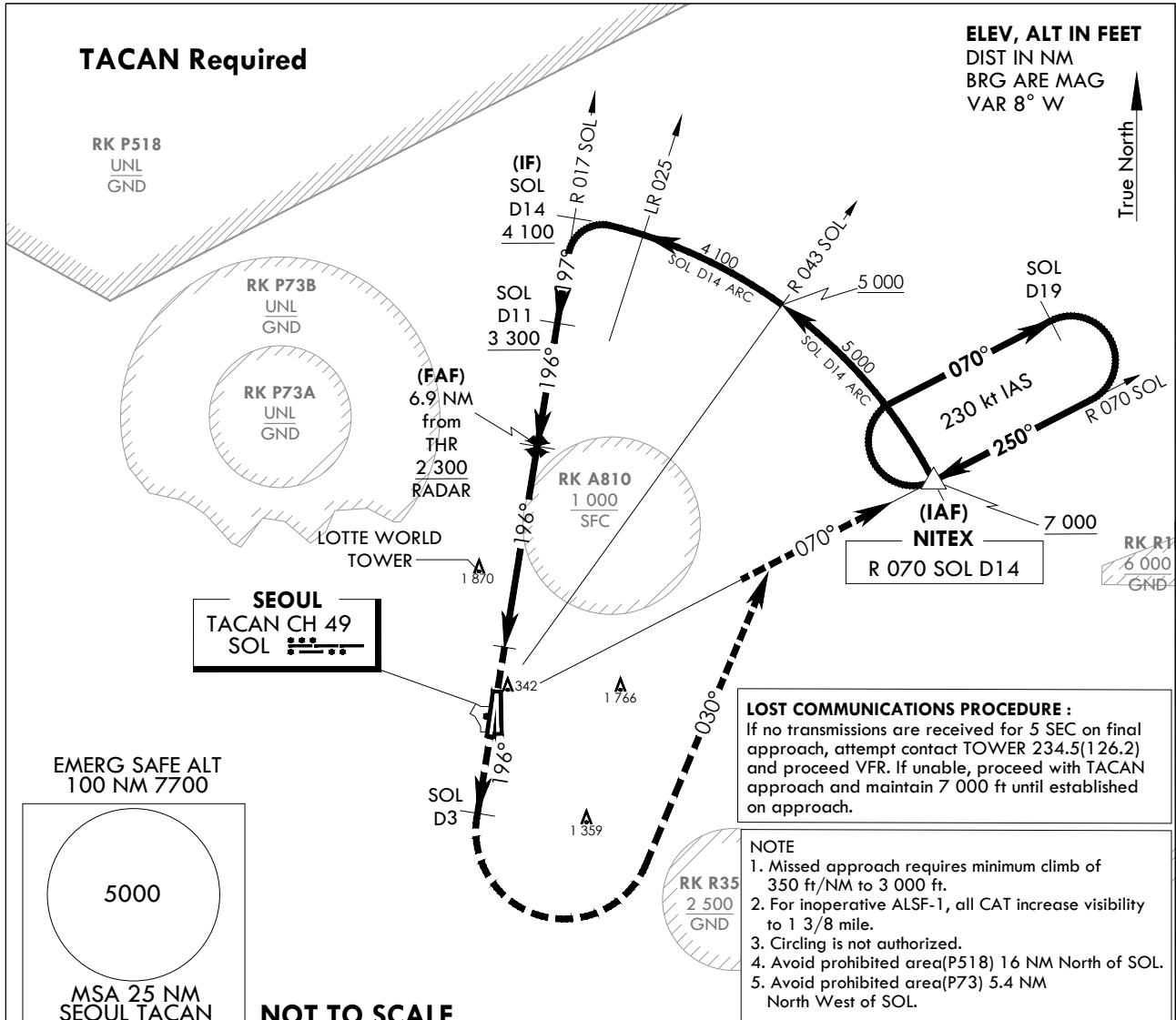
AERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ft

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	234.5
		236.6

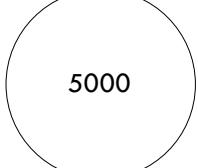
SEOUL/Seoul(RKSM)
PAR Z
RWY 20

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

TACAN Required

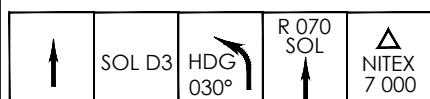


EMERG SAFE ALT
100 NM 7700



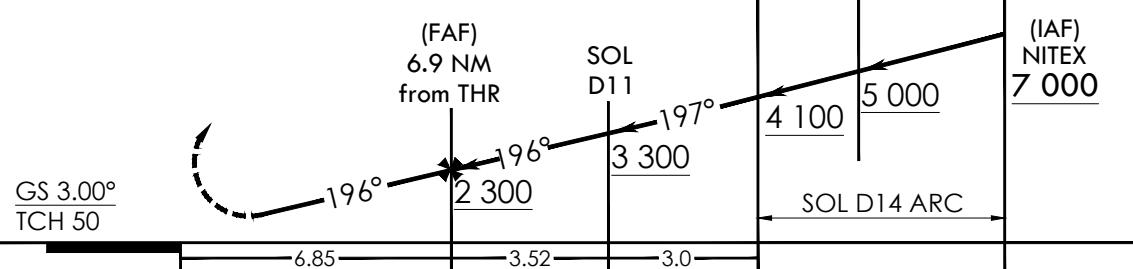
NOT TO SCALE

TRANSITION ALT 14 000
TRANSITION LVL FL 140



Missed Approach Climb Rate table

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

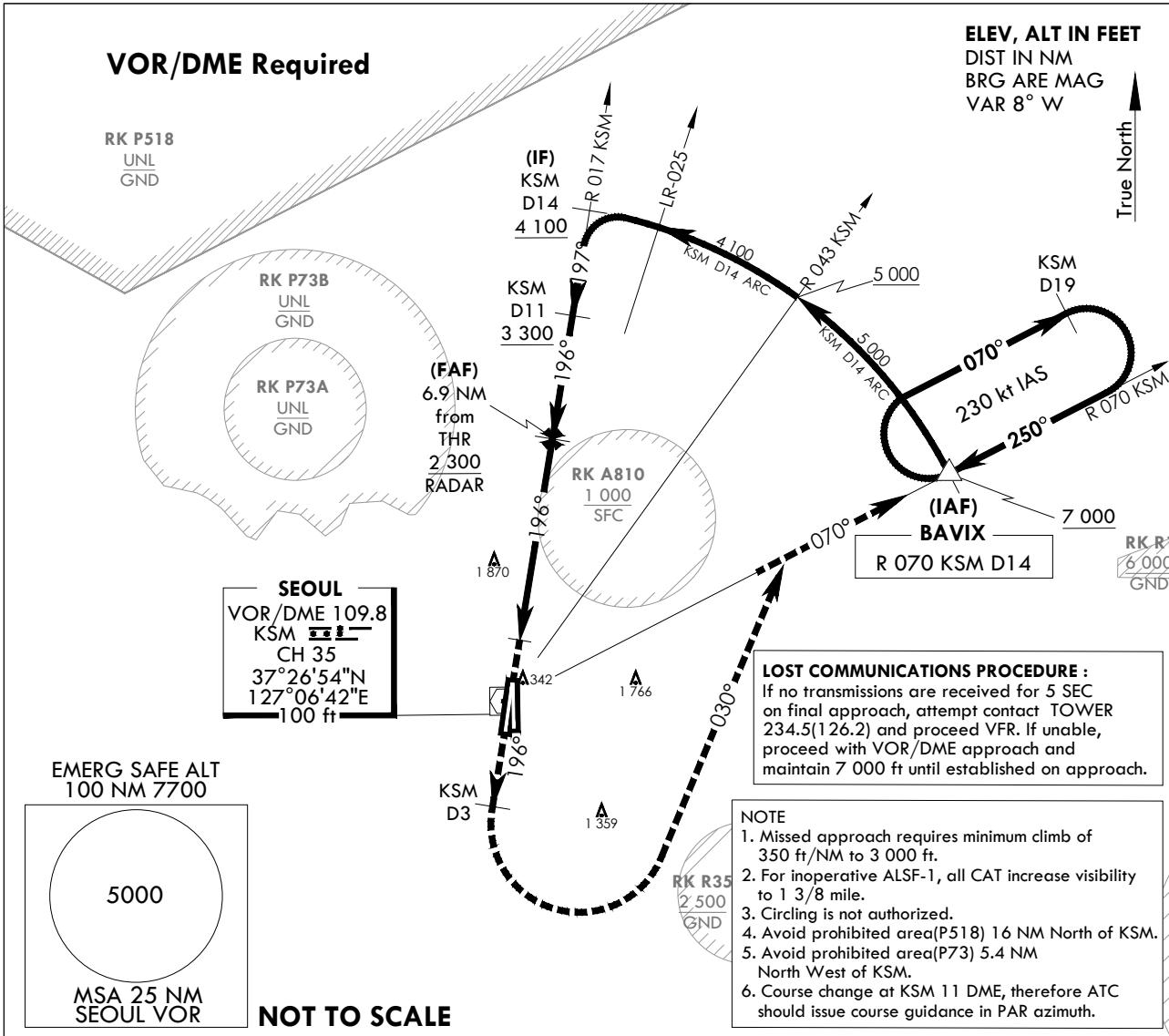
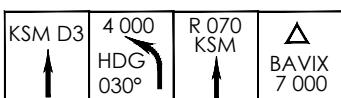
INTENTIONALLY

LEFT

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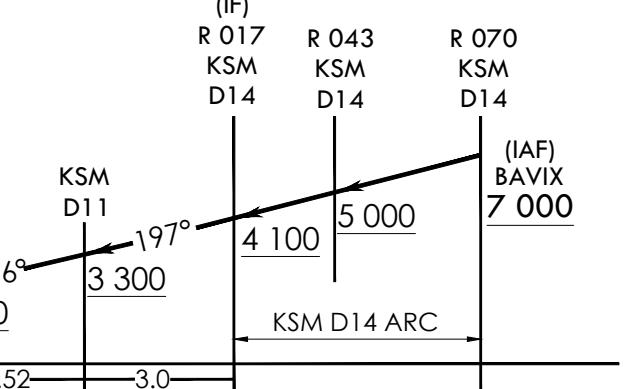
INSTRUMENT
APPROACH
CHARTAERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2 234.5 236.6SEOUL/Seoul(RKSM)
PAR Y
RWY 20

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

VOR/DME RequiredTRANSITION 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

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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 X
RWY 20

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

RADAR Required

RK P518
UNL
GND

RK P73B
UNL
GND

RK P73A
UNL
GND

16 NM from ASR
3 800
3 800
2.9 290°
3 100
3 100
2.8 290°
4 100
4 100
4.2 290°

13 NM from ASR
3 100

11 NM from ASR
2 800

(FAF)
6.9 NM
from THR
2'300
RADAR

RK A810
1 000
SFC

1 870

ASR

1 500

A342

A 1766

1 359

060°

RK R35
2 500
GND

16 NM FM ASR

14 NM FM ASR

13 NM FM ASR

11 NM FM ASR

16 NM FM ASR

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

True North

NOTE

1. Missed approach requires minimum climb of 350 ft/NM to 3 000 ft.
2. For inoperative ALSF-1, all CAT increase visibility to 1 3/8 mile.
3. Circling is not authorized.
4. Avoid prohibited area(P518) 16 NM North of SOL/KSM.
5. Avoid prohibited area(P73) 5.4 NM North West of SOL/KSM.

EMERG SAFE ALT
100 NM 7700

5000

MSA 25 NM
SEOUL VOR

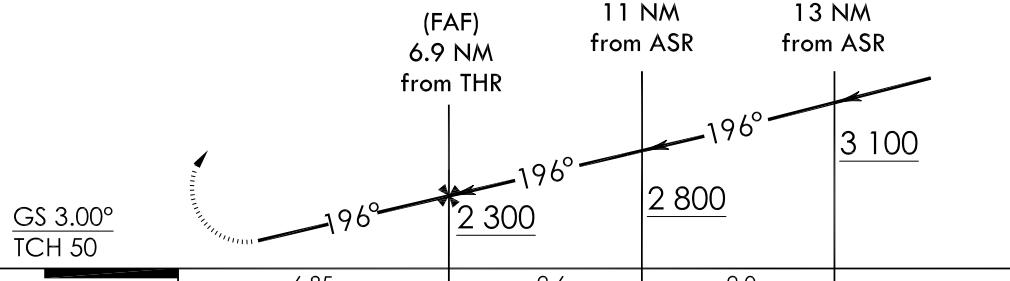
NOT TO SCALE

TRANSITION ALT 14 000
TRANSITION LVL FL 140

1 500 | HDG 030° | 4 000

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

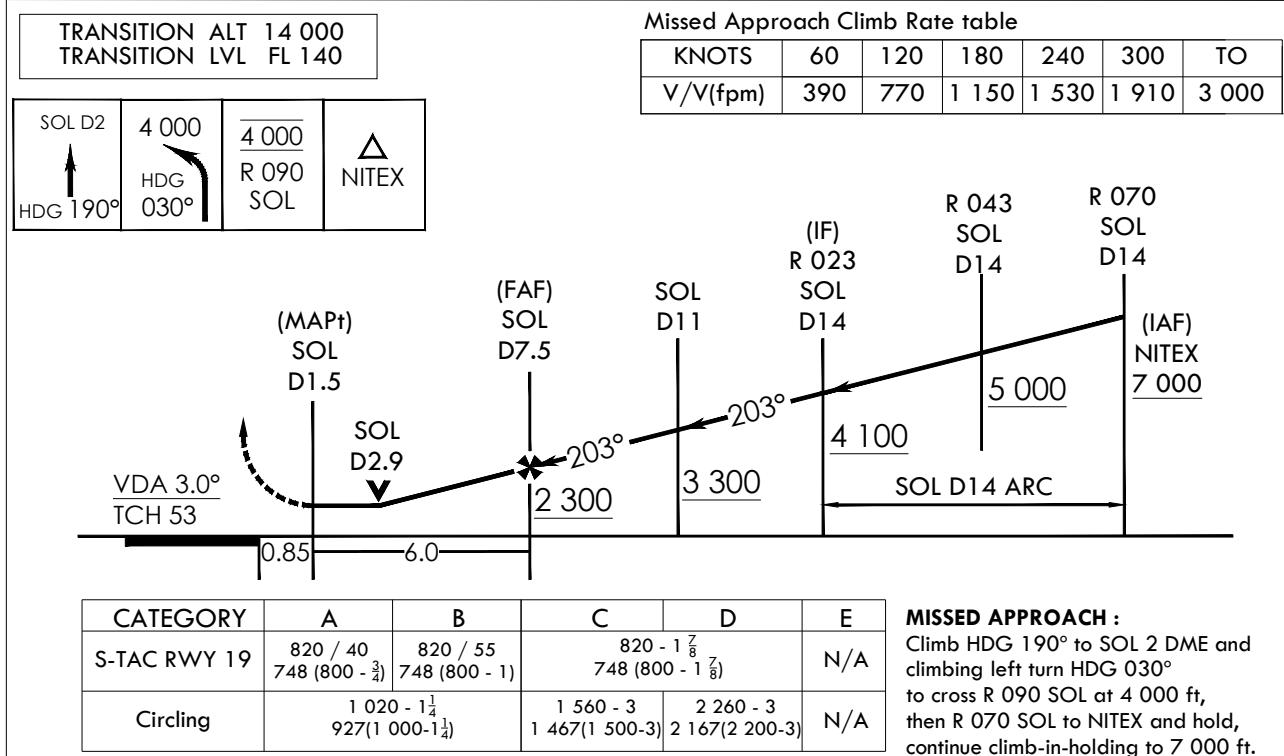
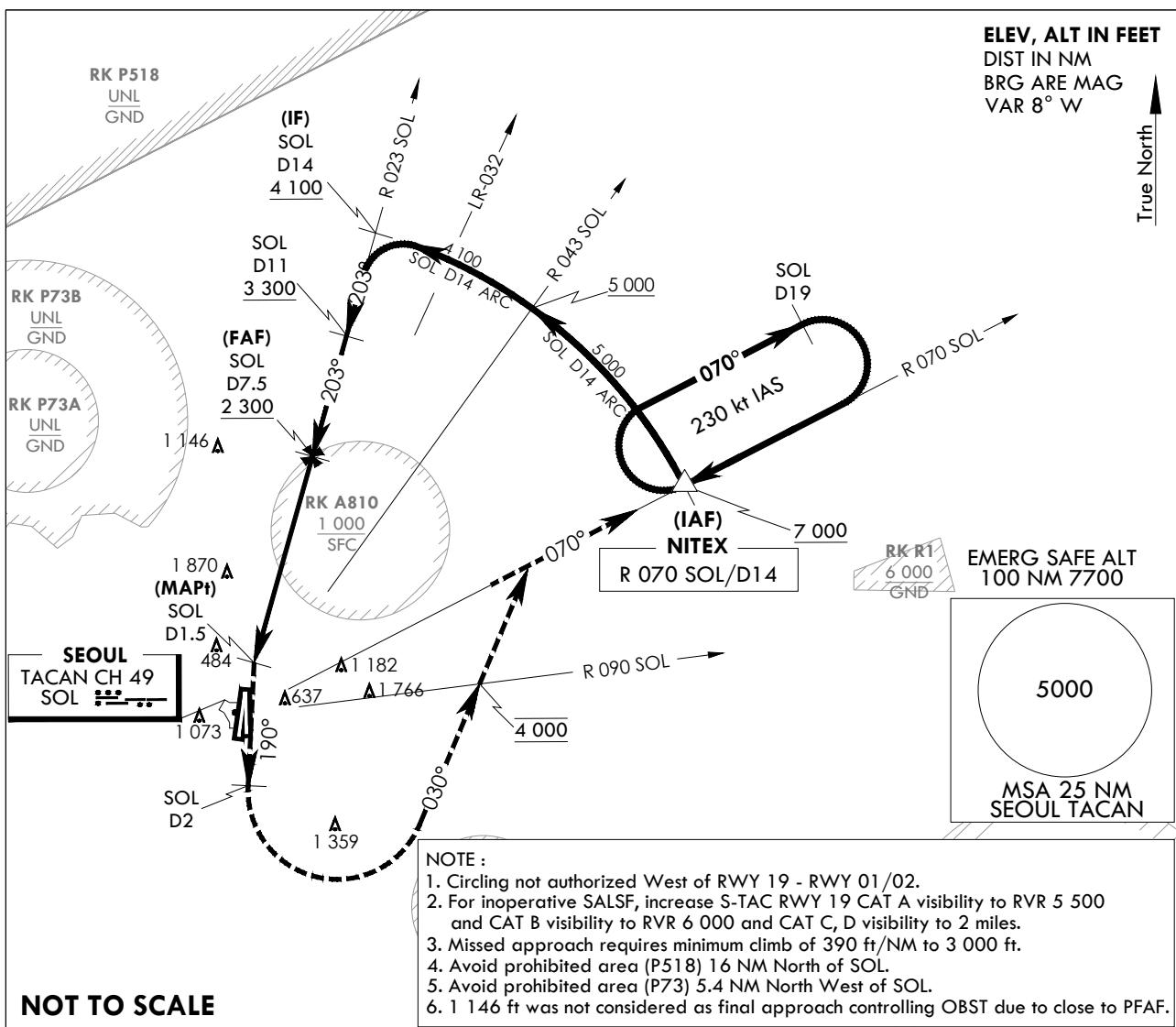
Climb HDG 196° to 1 500 ft and climbing left turn HDG 060° to 4 000 ft and directed by ATC.

Change : Information of procedure.

INTENTIONALLY

LEFT

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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2 234.5 236.6SEOUL/Seoul(RKSM)
TACAN
RWY 19

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

INTENTIONALLY

LEFT

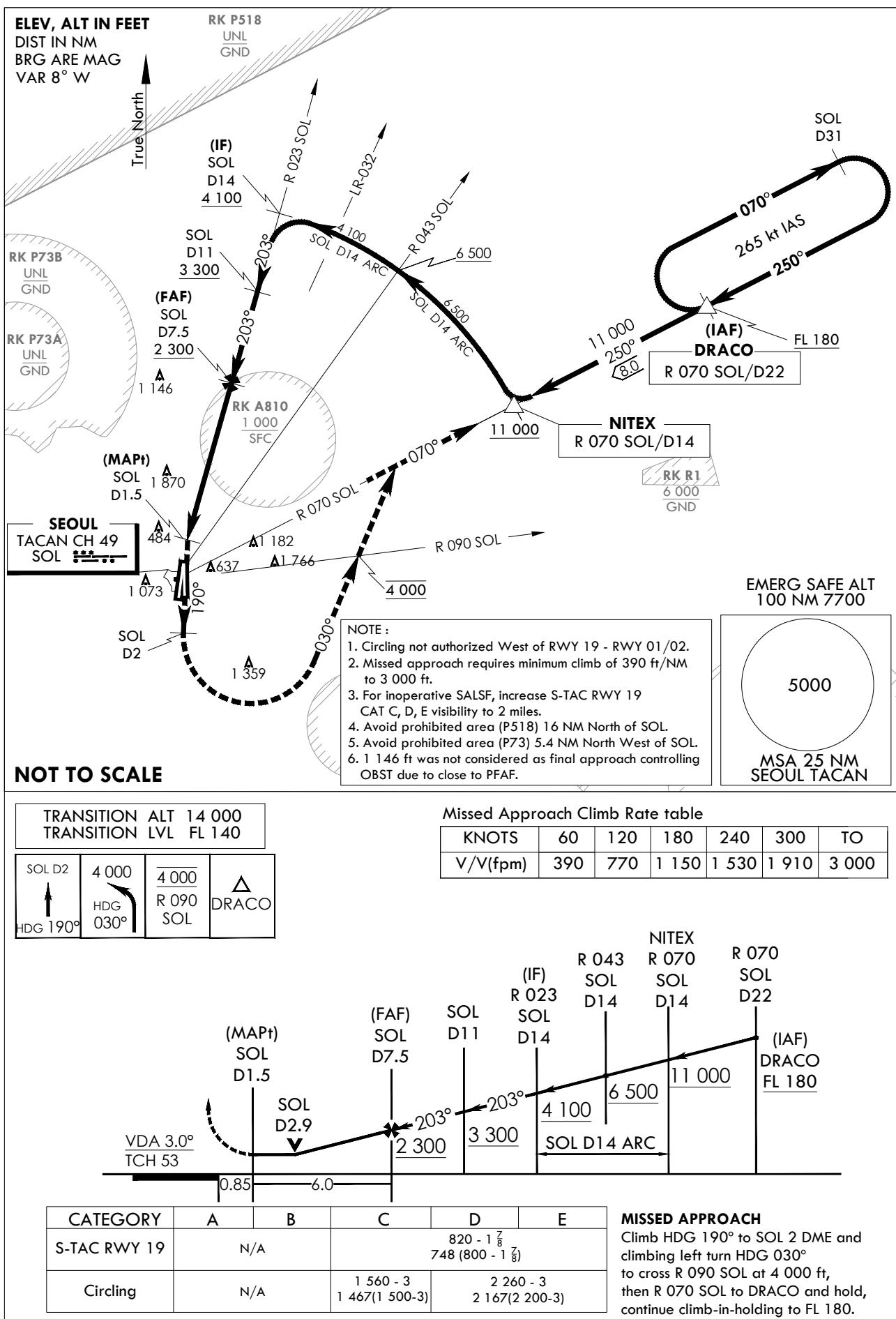
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INSTRUMENT
APPROACH
CHART

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-TACAN
RWY 19



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

INTENTIONALLY

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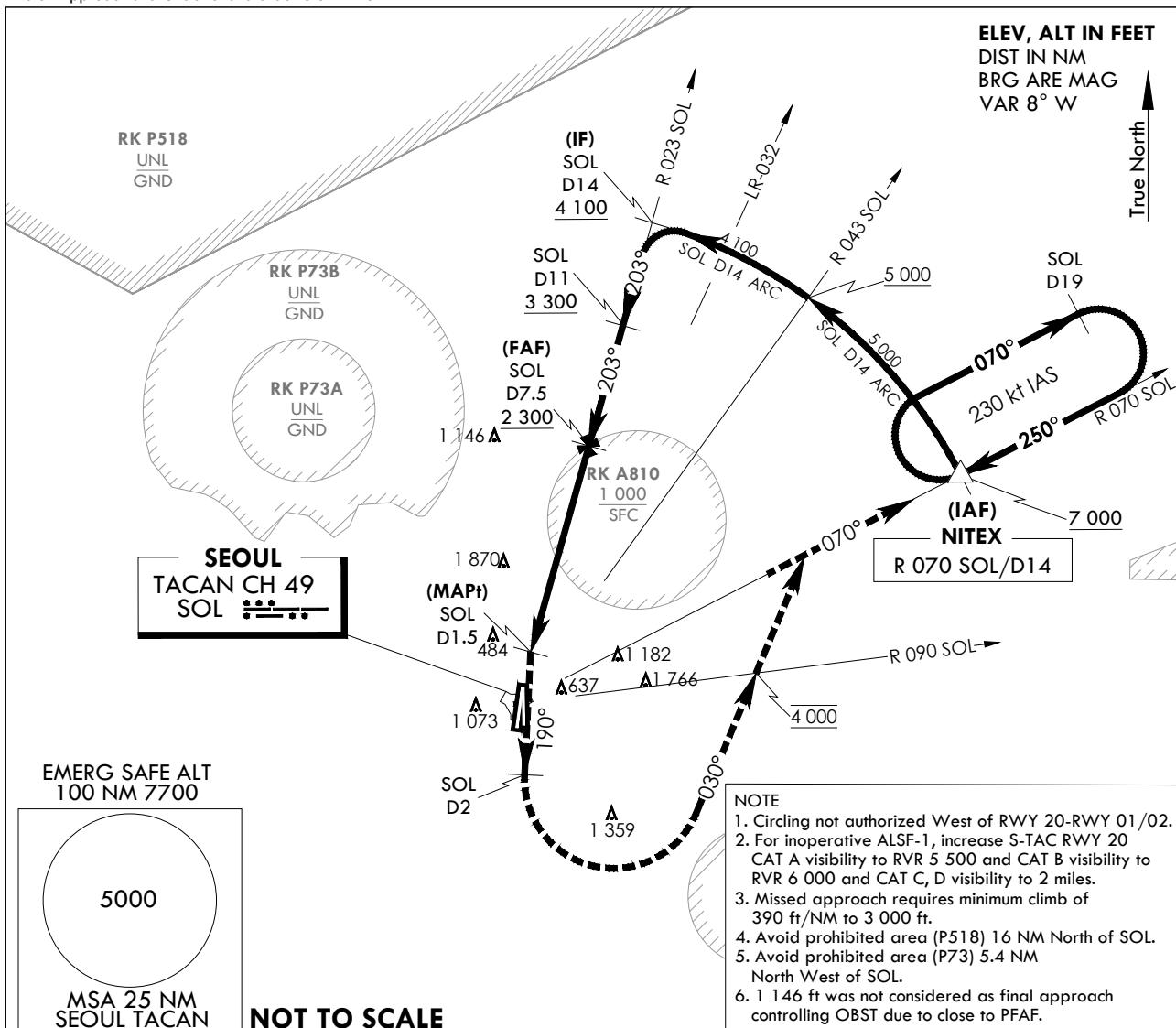
INSTRUMENT
APPROACH
CHART

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

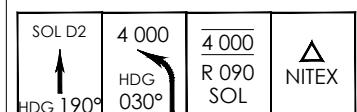
SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	234.5	236.6

SEOUL/Seoul(RKSM)
TACAN
RWY 20

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

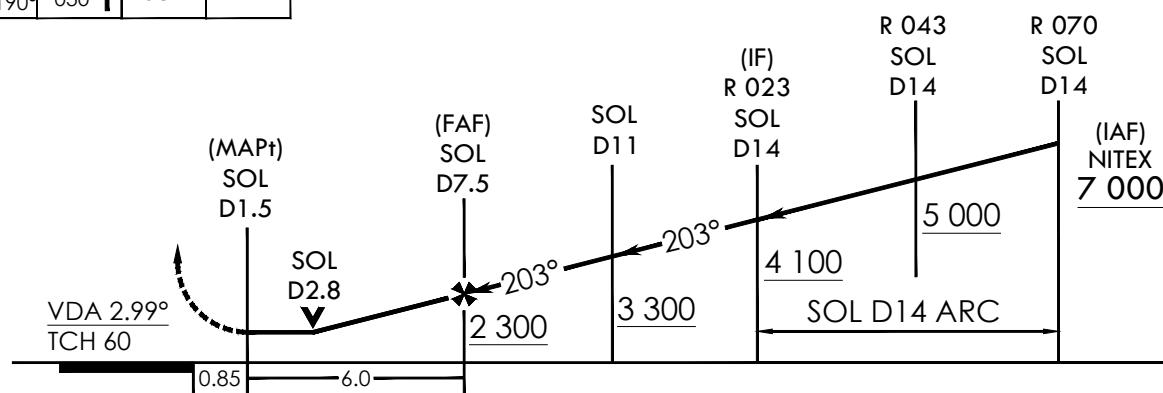


TRANSITION ALT	14 000
TRANSITION LVL	FL 140



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

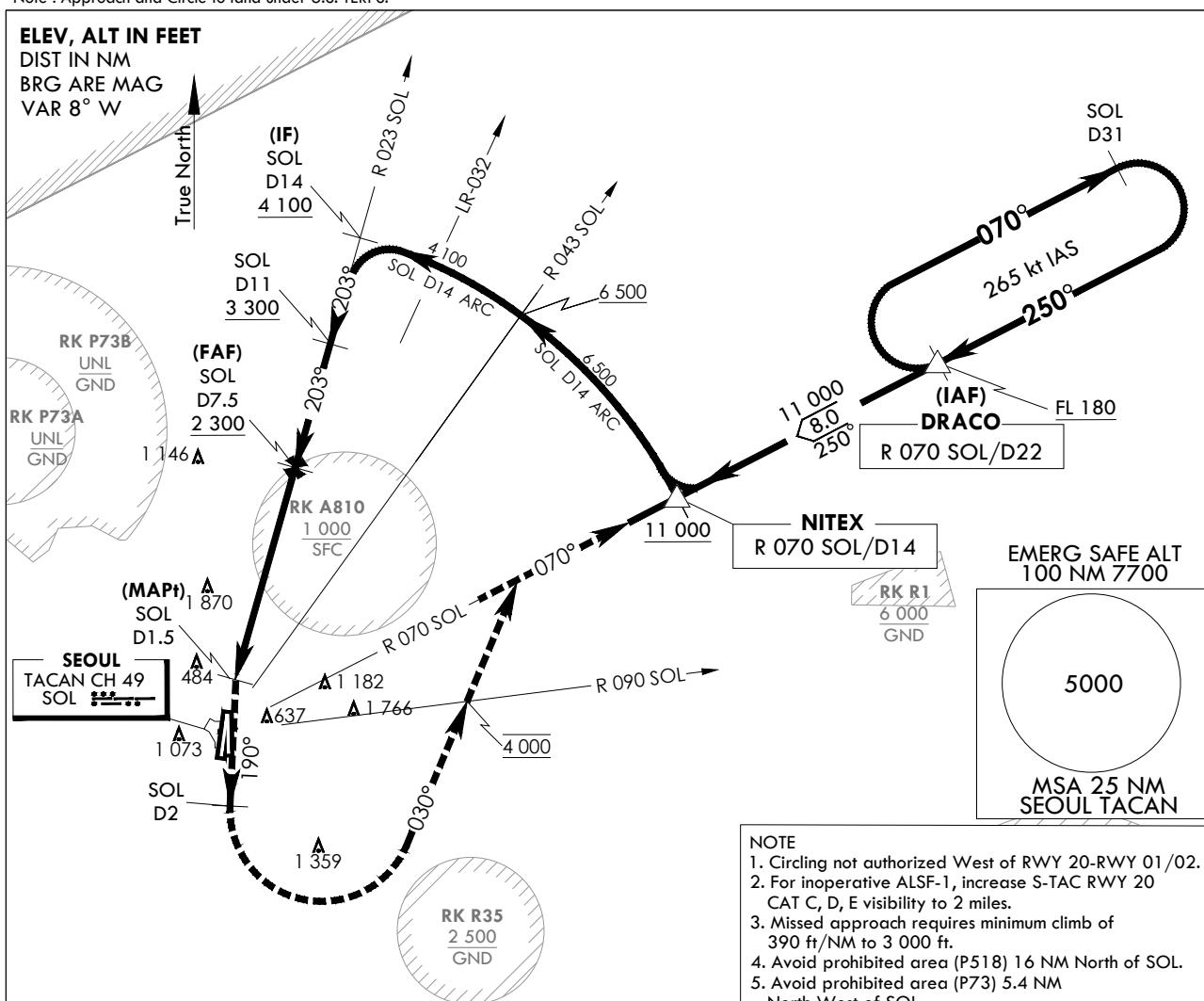
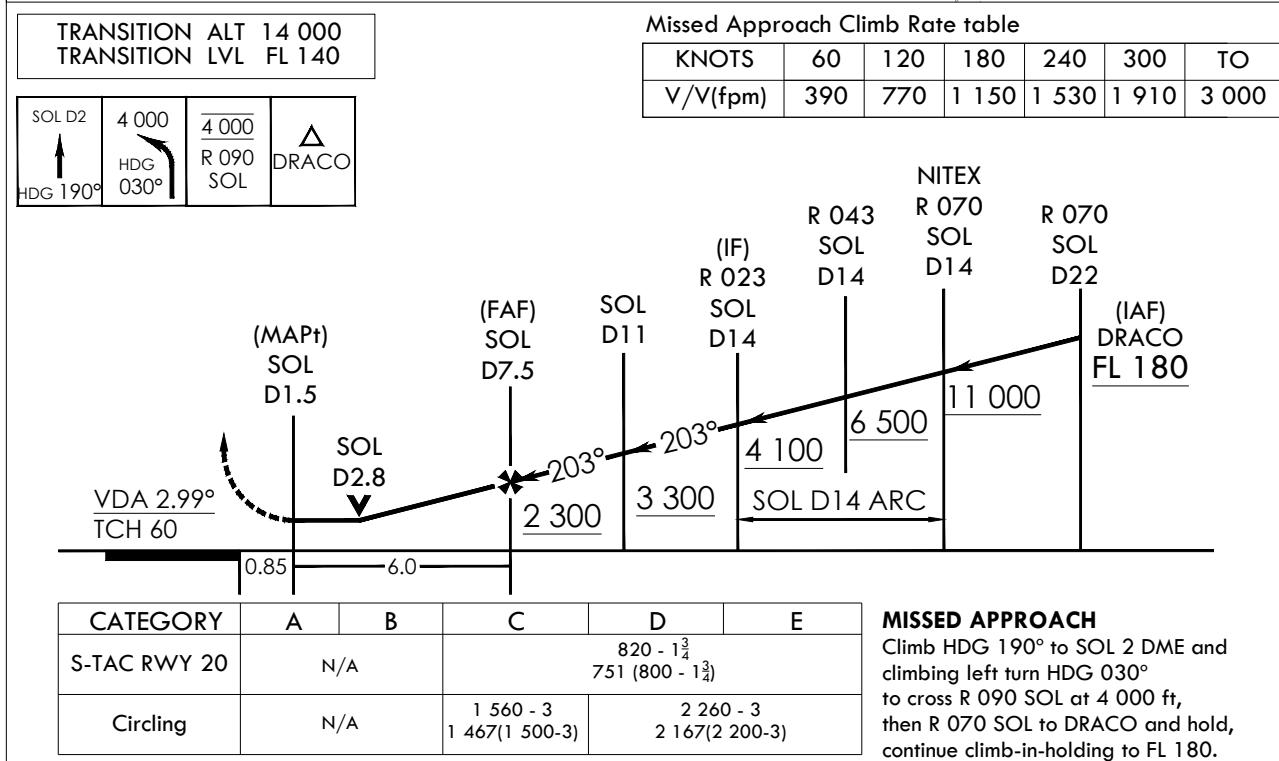
INTENTIONALLY

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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2 234.5 236.6SEOUL/Seoul(RKSM)
HI-TACAN
RWY 20

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

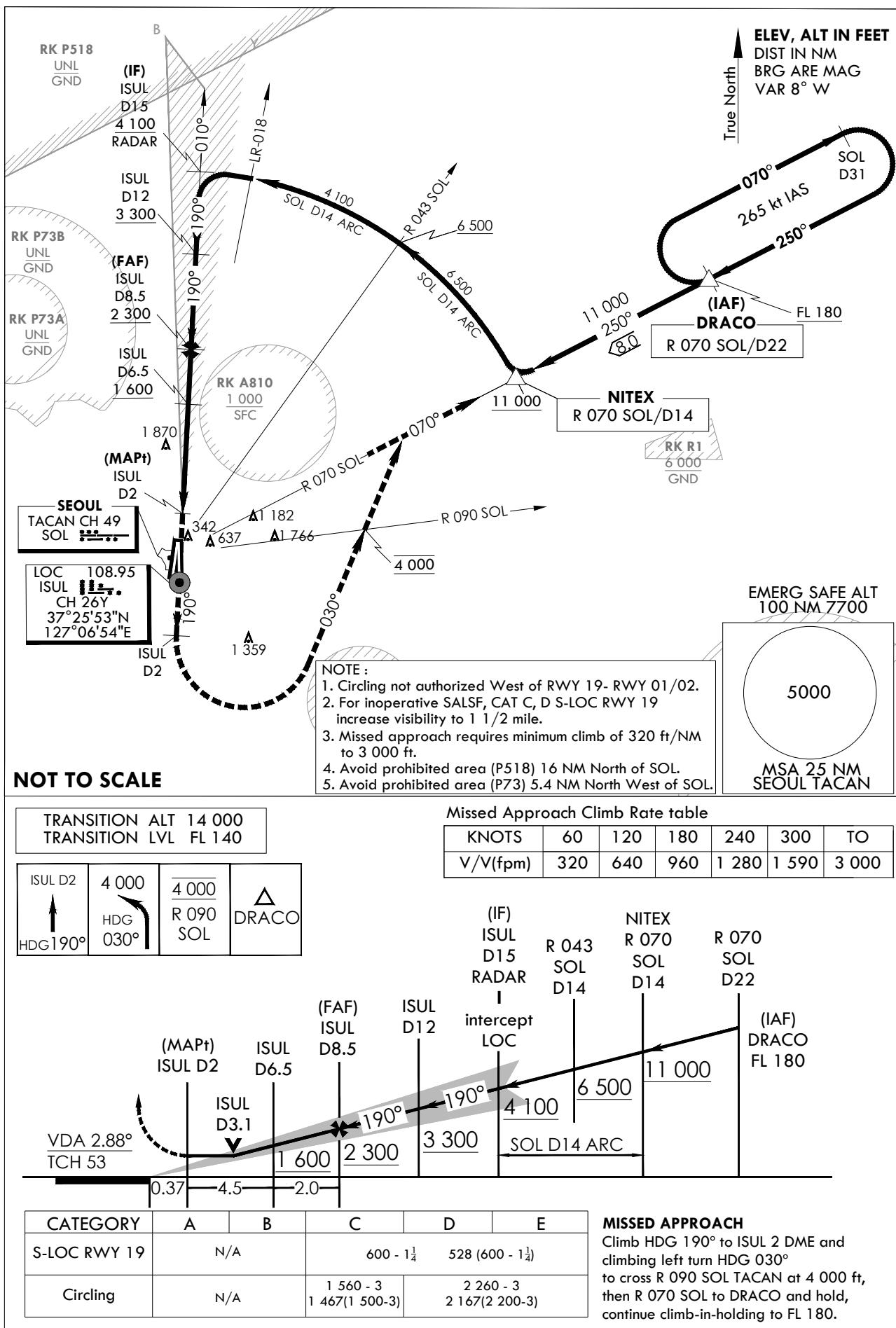
**NOT TO SCALE**

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

INTENTIONALLY

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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 68 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2 234.5 236.6SEOUL/Seoul(RKSM)
HI-LOC/DME
RWY 19

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

INTENTIONALLY

LEFT

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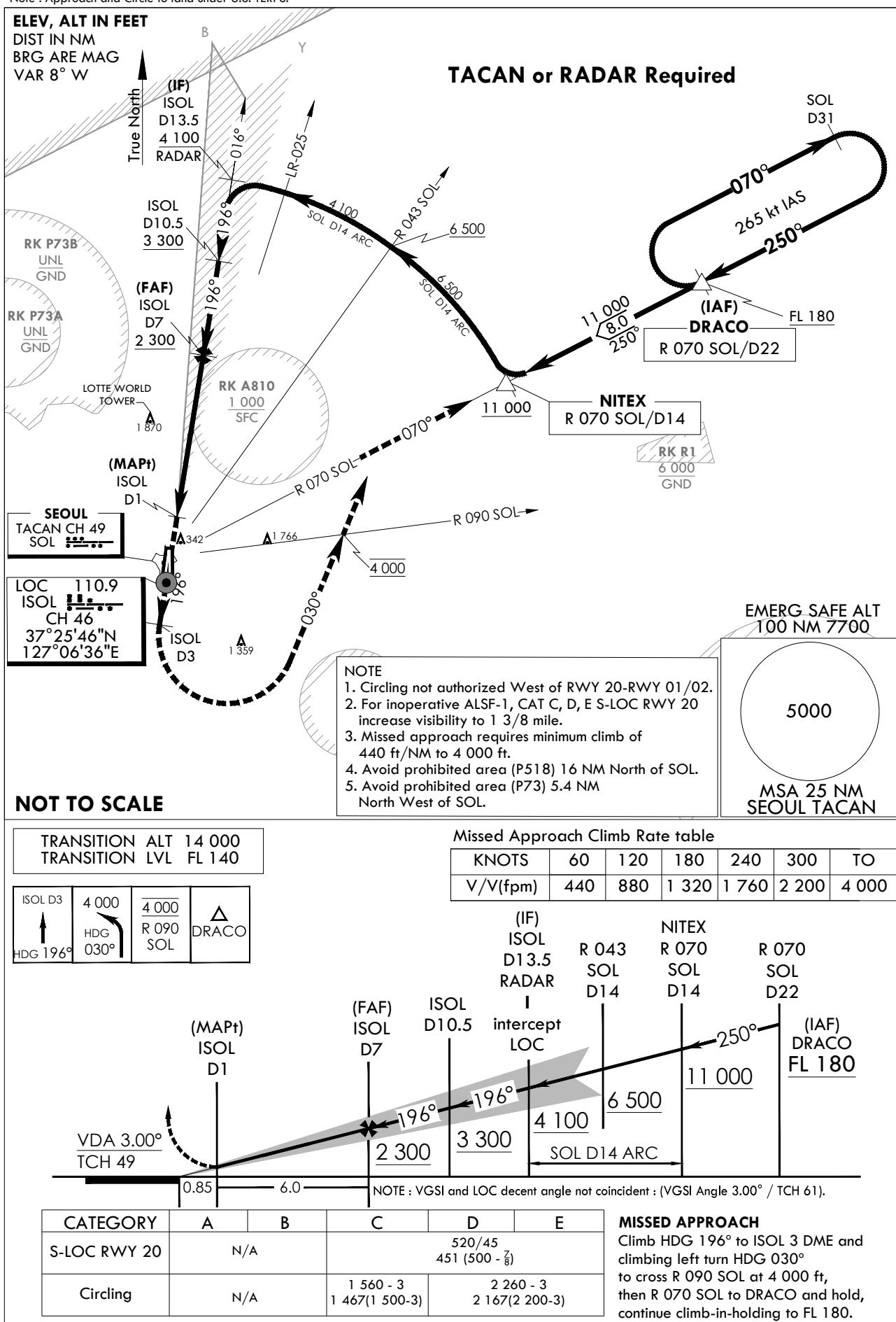
INSTRUMENT
APPROACH
CHART

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.



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

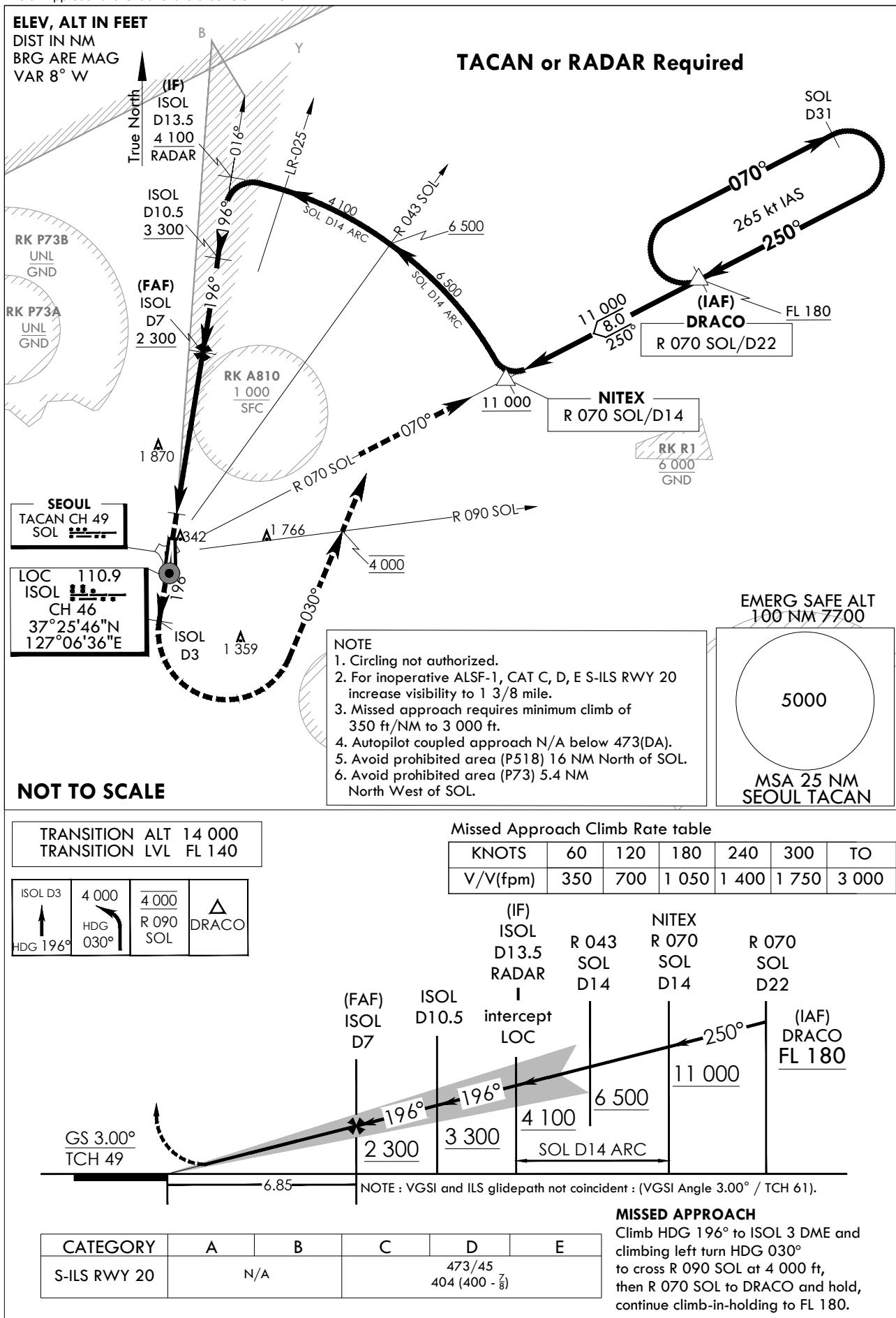
INTENTIONALLY

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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 93 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 68 ft
HIGHEST ELEV TDZ 69 ftSEOUL APP 123.8 363.8
SEOUL TWR 126.2 234.5 236.6SEOUL/Seoul(RKSM)
HI-ILS
RWY 20

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



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

INTENTIONALLY

LEFT

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