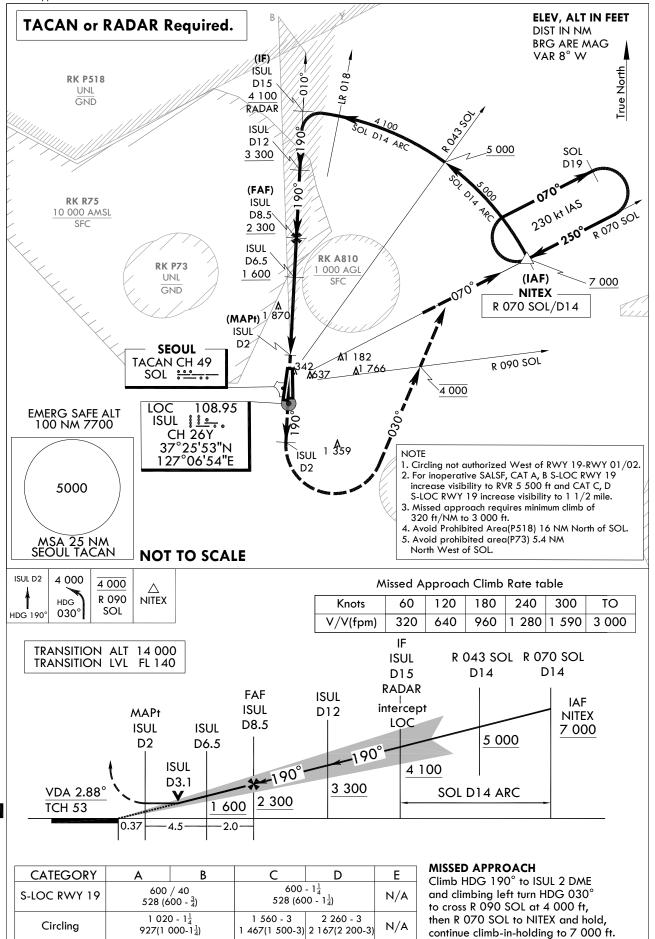
AERODROME ELEV 93 ft HEIGHTS RELATED TO THR RWY 19 - ELEV 68 ft SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) LOC/DME Z RWY 19

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

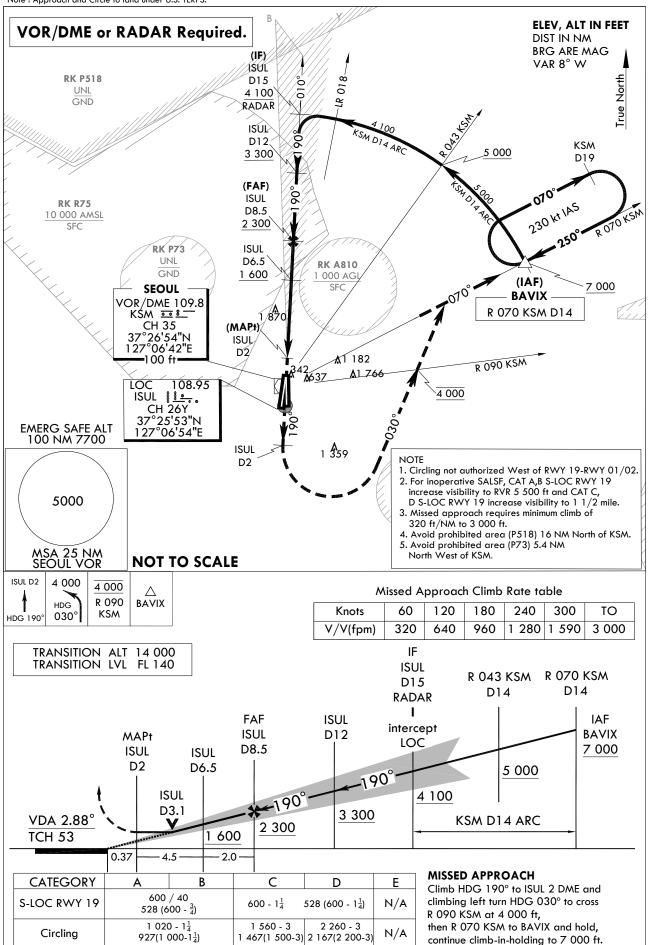


LEFT

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.

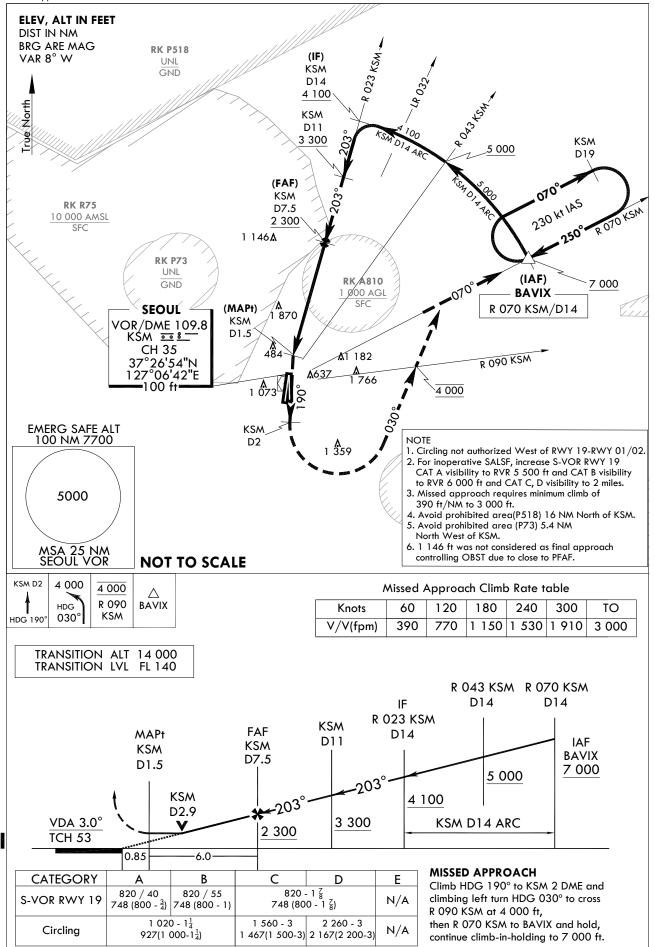


LEFT

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.



LEFT

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

SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) ILS Z RWY 20

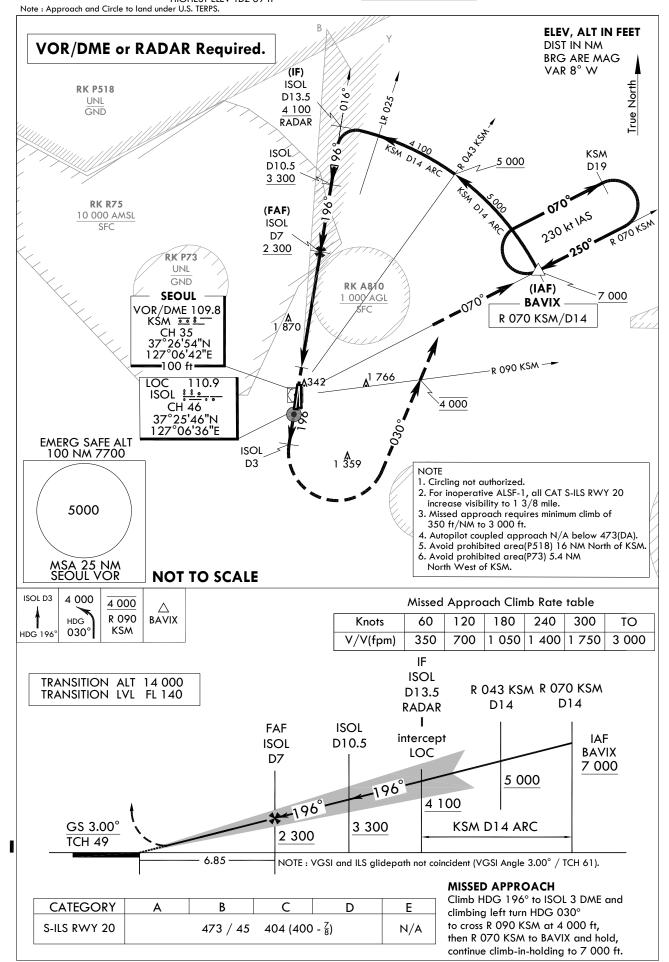
Note: Approach and Circle to land under U.S. TERPS. **ELEV, ALT IN FEET** TACAN or RADAR Required. DIST IN NM **BRG ARE MAG** VAR 8° W (IF) North **RK P518** ISOL D13.5 UNL 0 GND True 4 100 RADAR 043 ISOL 8 SOL D10.5 5 000 D19 3 300 o10° **RK R75** (FAF) 230 Kt 1AS 10 000 AMSL ISOL 501 SFC D7 2 300 **RK P73** LOTTE WORLD UNI (IAF) **RK A810** 7 000 TOWER 01° GND **NITEX** 000 AGI SFC R 070 SOL/D14 870 SEOUL TACAN CH 49 SOL ∺ R 090 SOL-A1 766 LOC 110.9 ISOL !! 4 000 CH 46 37°25'46"N 127°06'36"E **EMERG SAFE ALT ISOL** 100 NM 7700 1 359 D3 NOTE 1. Circling not authorized. 2. For inoperative ALSF-1, all CAT S-ILS RWY 20 5000 increase visibility to 1 3/8 mile. 3. Missed approach requires minimum climb of 350 ft/NM to 3 000 ft. 4. Autopilot coupled approach N/A below 473(DA). 5. Avoid prohibited area (P518) 16 NM North of SOL 6. Avoid prohibited area (P73) 5.4 NM MSA 25 NM SEOUL TACAN North West of SOL. **NOT TO SCALE** Missed Approach Climb Rate table ISOL D3 7 000 4 000 Knots 60 120 180 240 300 TO R 090 NITEX HDG SOL 030° HDG 196 V/V(fpm)350 700 1 050 1 400 1 750 3 000 IF TRANSITION ALT 14 000 **ISOL** TRANSITION LVL FL 140 R 043 SOL R 070 SOL D13.5 D14 D14 **RADAR FAF ISOL IAF** intercept **ISOL** D10.5 **NITEX** LOC D7 7 000 5 000 -196° -196° 4 100 GS 3.00° SOL D14 ARC 3 300 2 300 **TCH 49** 6.85 NOTE : VGSI and ILS glidepath not coincident (VGSI Angle 3.00° / TCH 61). MISSED APPROACH Climb HDG 196° to ISOL 3 DME and **CATEGORY** В C Ε climbing left turn HDG 030° to cross R 090 SOL at 4 000 ft, S-ILS RWY 20 $404 (400 - \frac{7}{8})$ 473 / 45 N/A then R 070 SOL to NITEX and hold,

continue climb-in-holding to 7 000 ft.

LEFT

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

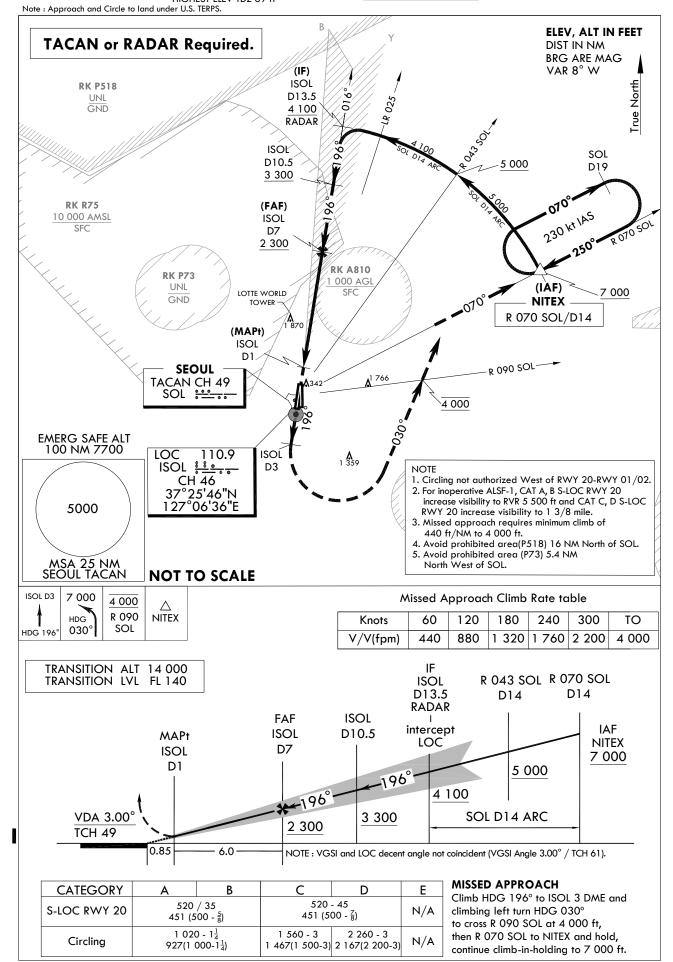
SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) ILS Y RWY 20



LEFT

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

SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) LOC/DME Z RWY 20



LEFT

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

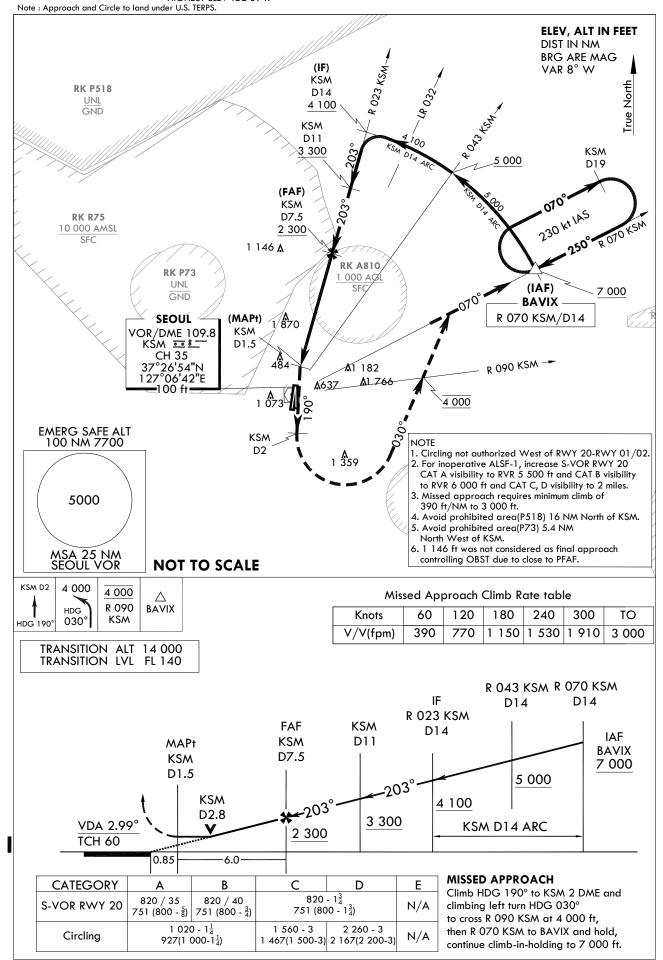
SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) LOC/DME Y RWY 20

Note: Approach and Circle to land under U.S. TERPS. **ELEV, ALT IN FEET** VOR/DME or RADAR Required. DIST IN NM **BRG ARE MAG** VAR 8° W (IF) North ISOL **RK P518** D13.5 UNL 025 GND 4 100 RADAR ISOL 8 **KSM** D10.5 5 000 D19 3 300 o10° (FAF) 230 Kt 1AS **RK R75** ISOL 10 000 AMSL D7 2 300 **RK P73 RK A810** UNL 1 000 AGI GND SFC (IAF) LOTTE WORLD 7 000 01°° SEOUL TOWER **BAVIX** VOR/DME 109.8 R 070 KSM/D14 **∧** 870 KŚM ☲兆 CH 35 (MAPt) ISOL 37°26'54"N 127°06'42"E D1 R 090 KSM 100 ft 110.9 4 000 ISOL !!... CH 46 37°25'46"N 127°06'36"E **EMERG SAFE ALT** 100 NM *77*00 **∆** 1 359 ISO D3 NOTE 1. Circling not authorized West of RWY 20-RWY 01/02. 2. For inoperative ALSF-1, CAT A, B, S-LOC RWY 20 increase visibility to RVR 5 500 ft and CAT C, D S-LOC RWY 20 increase visibility to 1 3/8 mile. 5000 3. Missed approach requires minimum climb of 440 ft/NM to 4 000 ft. 4. Avoid prohibited area(P518) 16 NM North of KSM. MSA 25 NM SEOUL VOR 5. Avoid prohibited area(P73) 5.4 NM North West of KSM. **NOT TO SCALE** ISOL D3 4 000 4 000 Missed Approach Climb Rate table BAVIX R 090 HDG Knots 60 120 180 240 300 TO KSM 030° HDG 196 V/V(fpm) 440 880 1 320 1 760 2 200 4 000 IF TRANSITION ALT 14 000 TRANSITION LVL FL 140 **ISOL** R 043 KSM R 070 KSM D13.5 D14 D14 **RADAR** ISOL **FAF** intercept IAF D10.5 **ISOL** MAPt LOC **BAVIX** D7 **ISOL** 7 000 D1 -196° 5 000 -196° 4 100 <u>VD</u>A 3.00° 3 300 KSM D14 ARC 2 300 **TCH 49** 0.85 6.0 NOTE : VGSI and LOC decent angle not coincident (VGSI Angle 3.00° / TCH 61). MISSED APPROACH CATEGORY Е Climb HDG 196° to ISOL 3 DME and 520 - 45 520 / 35 S-LOC RWY 20 climbing left turn HDG 030° N/A $451 (500 - \frac{7}{8})$ $451 (500 - \frac{5}{8})$ to cross R 090 KSM at 4 000 ft, 1 020 - 11/4 1 560 - 3 2 260 - 3 then R 070 KSM to BAVIX and hold, Circling N/A $927(1\ 000-1\frac{1}{4})$ 1 467(1 500-3) 2 167(2 200-3) continue climb-in-holding to 7 000 ft.

LEFT

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

SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) VOR/DME RWY 20



LEFT

AIP Republic of Korea **INSTRUMENT** AERODROME ELEV 94 ft **APPROACH** HEIGHTS RELATED TO **CHART** THR RWY 01 - ELEV 78 ft Note: Approach and Circle to land under U.S TERPS. 5 NM ELEV, ALT IN FEET DIST/IN NM BRG ARE MAG MAX 250 kt IAS Holding at 6 000 ft VAR 8° W **RK R75 RK A814** -270° 10 000 AMSL SFC **True North TORIA RK P73 RK A810** GND 1 82/1 •1 181 1 766 1 073 (MAPt) ÙNVET .1 359 RK R35 ٥ و 1 634 GND .1 050 (FAF) . 1 070 **KLAIN** 1 250 2 200 **RK A805** 200 1 546

SEOUL APP 123.8 SEOUL TWR 126.2 123.8 363.8 236.6 234.5 SEOUL/Seoul(RKSM) **RNP RWY 01**

> EMERG SAFE ALT 100 NM 7700 5000 MSA 25 NM SEOUL ARP

RNP APCH

NOTE Missed approach requires minimum climb of 300 ft/NM to 2 200 ft. 2. DME/DME RNP 0.3 N/A.

3. Circling not authorized.

RK R17

FL 150

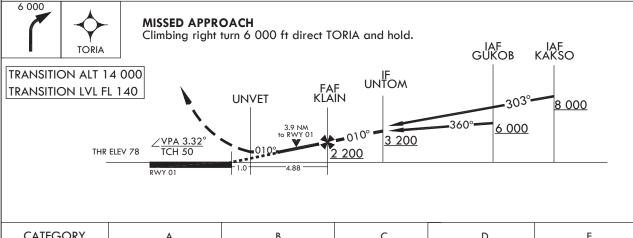
GND

Use of this procedure require specific authorization by the appropriate military authority and authorization by NOTAM about airspace control.

> (IAF) **KAKSO**

8 000

NOT TO SCALE



303

1 687

CATEGORY	А	В	С	D	Е
LNAV/ VNAV DA			N/A		
LNAV	1 500-1½ 1 422(1 500-1¼)	1 500-1½ 1 422(1 500-1½)		500-3 2(1 500-3)	N/A
CIRCLING			N/A		

Change: Amended chart symbol.

(IF) UNTOM

<u>3 200</u>

360

(IAF) ◀ GUKOB

6 000

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 01 (From GUKOB)

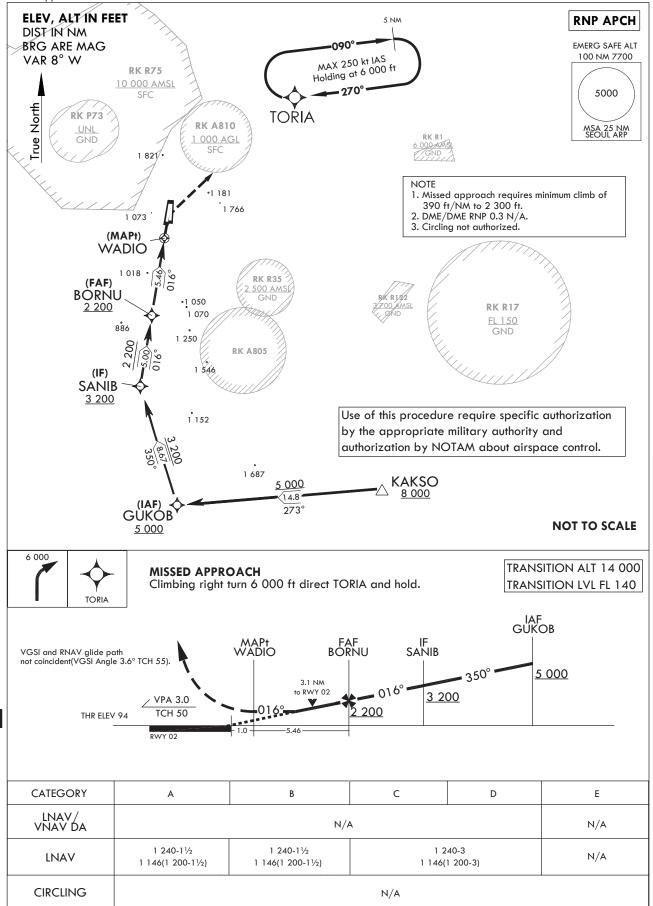
Remarks	IAF	IF	FAF	MAPt	I	HOLDING 5 NM LEG
Navigation specification	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH
VPA /TCH	I	I	I	3.32°/50	I	ı
Coordinates	37°06'20.2845"N 127°08'01.9225"E	37°15'09.3930"N 127°06'28.1856"E	37°20'09.6309"N 127°06'39.9962"E	37°25'02.5948"N 127°06'51.5321"E 3.32°/50 RNP APCH	37°38'02.3748"N 127°21'30.6133"E	@6 000 -250 37°38'02.3748"N 127°21'30.6133"E
Speed (kt)	I	I	I	I	ı	-250
Altitude Speed (ft) (kt)	+6 000	+3 200	+2 200	+1 500	9 000	000 9@
Turn Direction	I	-	ı	I	R	~
Distance (NM)	I	8.9	5	4.88	I	5
Serial Path Waypoint Fly Course/Track Distance Number Descriptor Identifier -Over ° M(°T) (NM)	I	359.9/351.9	8.1/8.6	9.8/1.8	I	270.0/262.0
Fly -Over	I	I	ı	>	I	ı
Waypoint Identifier	IF GUKOB	UNTOM	KLAIN	UNVET	TORIA	TORIA
Path Descriptor	۳	ΤF	ŦĿ	TF	DF	¥H
Serial Number	100	002	003	004	900	900

KNP KWY UI (From KAKSU)		ľ										
Serial Path Waypoint Fly Course/Track Number Descriptor Identifier -Over ° M(° T)	/aypoint Fly Co Jentifier -Over	Fly Co -Over	ပိ	Course/Track ° M(° T)	Distance (NM)	istance Turn Altitude (NM) Direction (ft)		Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
KAKSO –		ı		ı	I	ı	+8 000	I	37°07'45"N 127°26'37"E	I	RNP APCH	IAF
UNTOM - 302	I		302	302.8/294.8	17.72	ı	+3 200	ı	37°15'09.3930"N 127°06'28.1856"E	I	RNP APCH	Я
KLAIN - 9.8	ı		9.6	9.8/1.8	5	ı	+2 200	ı	37°20'09.6309"N 127°06'39.9962"E	I	RNP APCH	FAF
UNVET Y 9.8	Ь			9.8/1.8	4.88	ı	+1 500	ı	37°25'02.5948"N 127°06'51.5321"E 3.32°/50 RNP APCH	3.32°/50	RNP APCH	MAP†
DF TORIA -		1		ı	I	~	9 000	ı	37°38'02.3748"N 127°21'30.6133"E	I	RNP APCH	I
HM TORIA - 270	I		270	270.0/262.0	۲۵	~	@ 000	-250	@6 000 -250 37°38'02.3748"N 127°21'30.6133"E	I	RNP APCH	HOLDING 5 NM LEG

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.



AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

Remarks	IAF	느	FAF	MAPt	I	HOLDING 5 NM LEG
Navigation specification	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH
VPA /TCH	I	ı	ı	3.0°/50	I	ı
Coordinates	37°06'20.2845"N 127°08'01.9225"E	37°14'34.8404"N 127°04'36.9589"E	37°19'32.2479"N 127°05'29.7485"E	37°24'57.1290"N 127°06'27.5325"E 3.0°/50 RNP APCH	37°38'02.3748"N 127°21'30.6133"E	@6 000 -250 37°38'02.3748"N 127°21'30.6133"E
Speed (kt)	I	I	I	I	ı	-250
Distance Turn Altitude Speed (NM) Direction (ft) (kt)	+5 000	+3 200	+2 200	+1 240	@6 000	000 9@
Turn Direction	1	I	I	I	~	~
Distance (NM)	I	8.67	5	5.46	I	5
Serial Path Waypoint Fly Course/Track Number Descriptor Identifier -Over ° M(° T)	I	349.67/ 341.67	16.07/	16.10/	I	270.0/262.0
Fly -Over	1	I	ı	>	ı	ı
Waypoint Identifier	GUKOB	SANIB	BORNU	WADIO	TORIA	TORIA
Path Descriptor	ഥ	¥	#	TF	DF	ΨH
Serial Number	001	002	003	004	005	900

	Remarks	EN ROUTE	IAF
	VPA Navigation /TCH specification	RNAV 1	RNP APCH
	VPA /TCH	I	I
	Coordinates	37°07'45"N 127°26'37"E	37°06'20.2845"N 127°08'01.9225"E
	Speed (kt)	I	ı
	Distance Turn Altitude Speed (NM) Direction (ft) (kt)	+8 000	+5 000
	Turn Direction	ı	I
	Distance (NM)	I	14.93
	Fly Course/Track D	ı	272.67 / 264.67
	Fly -Over	_	Ι
	Waypoint	KAKSO	GUKOB
Koures	Path Descriptor	ЯL	ŦĪ
reeder koures	Serial Number	100	002

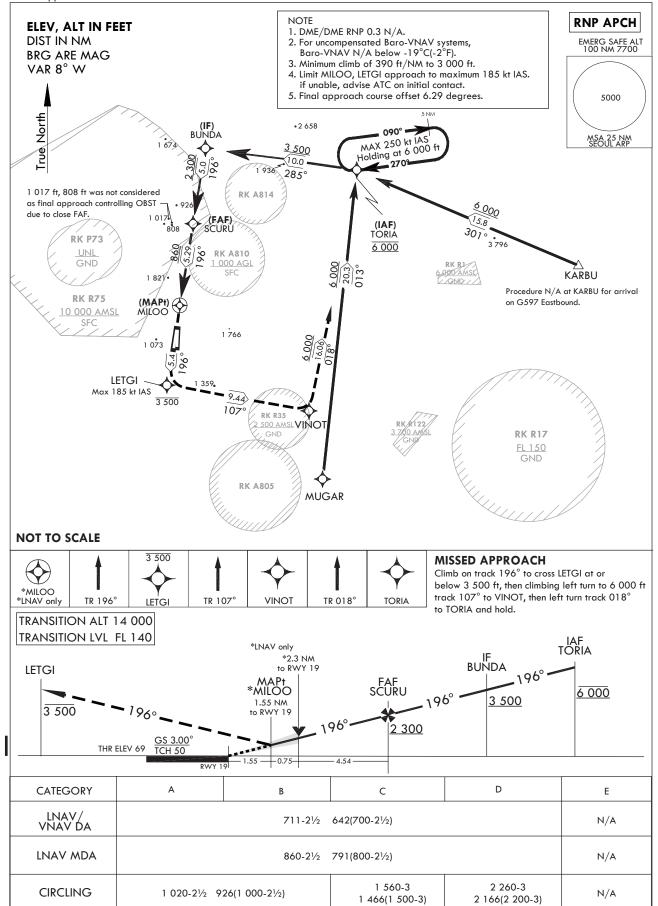
RNP RWY 02

Republic of Korea

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.



AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

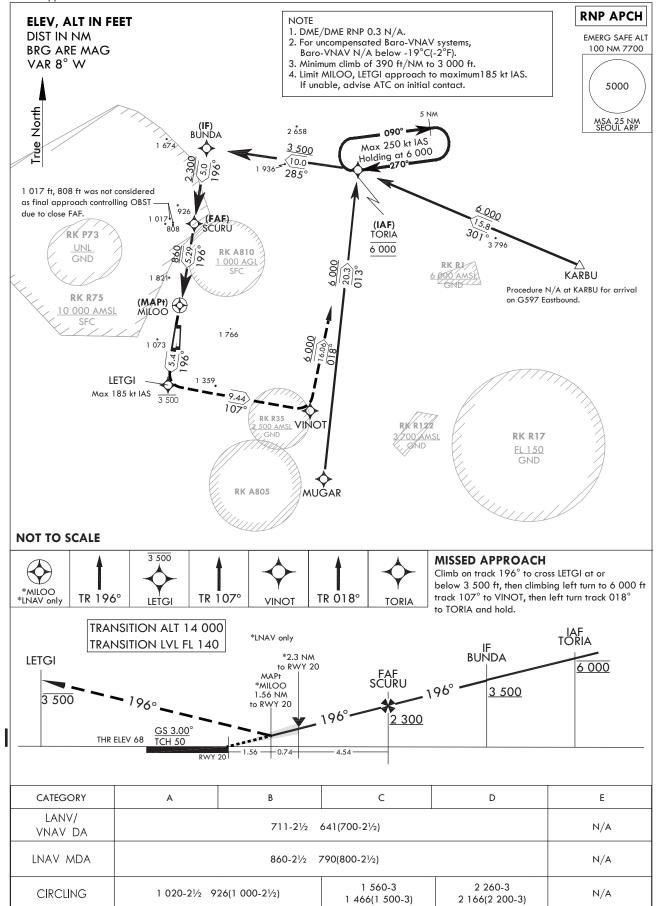
Remarks	IAF	H	FAF	MAPt	I	ı	ı	HOLDING 5 NM LEG
Navigation specification	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH
VPA /TCH	I	I	ı	3.0°/50	ı	ı	I	ı
Coordinates	@6 000 -250 37°38'02.3748"N 127°21'30.6133"E	+3 500 -250 37°39'16.2513"N 127°09'00.8555"E	+2 300 -165 37°34'18.8855"N 127°08'07.7311"E	-165 37°29'04.2951"N 127°07'11.5747"E 3.0°/50	-3 500 -185 37°23'43.154"N 127°06'14.3668"E	6 000 -250 37°22'13.0036"N 127°17'56.0695"E	+6 000 -250 37°38'02.3748"N 127°21'30.6133"E	@6 000 -250 37°38'02.3748"N 127°21'30.6133"E
Speed (kt)	-250	-250	-165	-165	-185	-250	-250	-250
Altitude Speed (ft) (kt)	000 9@	+3 500	+2 300	+860	-3 500	9 000	000 9+	@6 000
Turn Direction	I	I	I	I	I	I	I	~
Distance (NM)	I	10	5	5.29	5.4	9.44	16.06	ı
Fly Course/Track -Over ° M(° T)	1	285.1/277.1	196.1/188.1	196.1/188.1	196.1/188.1	107.1/099.1	018.2/10.2	270.0/262.0
-Over	I	I	I	>-	I	ı	I	I
Serial Path Waypoint Number Descriptor Identifier	TORIA	BUNDA	SCURU	WILOO	LETGI	VINOT	TORIA	TORIA
Path Descriptor	¥	TF	#	¥	¥	¥	¥	¥H
Serial Number	100	002	003	004	900	900	200	800

Serial Descriptor Path Maypoint Maypoint Identifier Fly Over Overse/Track Now) Distance Distance Title (kt) (kt)													
TF KARBU 37°31'59"N 127°39'52"E - RNAV 1 HM TORIA - 300.6/292.6 15.8 - +6 000 -250 37°38'02.3748"N 127°21'30.6133"E - RNP APCH	Serial Vumber	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
HM TORIA – 300.6/292.6 15.8 – +6 000 -250 37°38'02.3748"N 127°21'30.6133"E – RNP APCH	100	Ŧ	KARBU	I	I	I	I	I	ı	37°31'59"N 127°39'52"E	I	RNAV 1	FEEDER ROUTE
	002	¥H	TORIA	I	300.6/292.6	15.8	I	+6 000	-250 (37°38'02.3748"N 127°21'30.6133"E	ı	RNP APCH	HOLDING 5 NM LEG

eeder koutes											
Serial Path \	Waypoint Fly Identifier -Over	-Over	Waypoint Fly Course/Track [] Identifier -Over	Distance (NM)	Turn Direction	Distance Turn Altitude Speed (NM) Direction (ft) (kt)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
	MUGAR	ı	1	I	ı	ı	ı	37°17'45.54"N 127°19'08.61"E	l	RNAV 1	FEEDER ROUTE
	TORIA	I	13.3/5.3	20.34	I	000 9+	-250	+6 000 -250 37°38'02.3748"N 127°21'30.6133"E	I	RNP APCH	HOLDING 5 NM LEG

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.



SEOUL/Seoul(RKSM) RNP RWY 20

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

				AEI	RONA	UTIC	AL D	ATA T
Remarks	IAF	Ħ	FAF	MAPt	I	I	I	HOLDING 5 NM LEG
Navigation specification	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH
VPA /TCH	I	I	1	3.0°/50	I	I	I	ı
Coordinates	@6 000 -250 37°38'02.3748"N 127°21'30.6133"E	+3 500 -250 37°39'16.2513"N 127°09'00.8555"E	+2 300 -165 37°34'18.8855"N 127°08'07.7311"E	-165 37°29'04.2951"N 127°07'11.5747"E 3.0°/50	37°23'43.154"N 127°06'14.3668"E	-250 37°22'13.0036"N 127°17'56.0695"E	-250 37°38'02.3748"N 127°21'30.6133"E	@6 000 -250 37°38'02.3748"N 127°21'30.6133"E
Speed (kt)	-250	-250	-165	-165	-185	-250	-250	-250
Altitude (ft)	@6 000	+3 500	+2 300	+860	-3 500	9 000	000 9+	@ 0000
Turn Direction	I	I	I	ı	ı	I	I	œ
Distance (NM)	I	10	5	5.29	5.4	9.44	16.058	ı
Path Waypoint Fly Course/Track Distance sscriptor Identifier -Over ° M(°T) (NM)	I	285.1/277.1	196.1/188.1	196.1/188.1	196.1/188.1	1.099.1	018.2/10.2	270.0/262.0
-Over	I	I	I	>-	I	I	I	ı
Serial Path Waypoint Fly Number Descriptor Identifier -Over	TORIA	BUNDA	SCURU	OOTIW	LETGI	VINOT	TORIA	TORIA
Path Descriptor	¥	TF	Ŧ	Ħ	TF	TF	Ħ	¥H
Serial Number	100	002	003	004	005	900	200	800

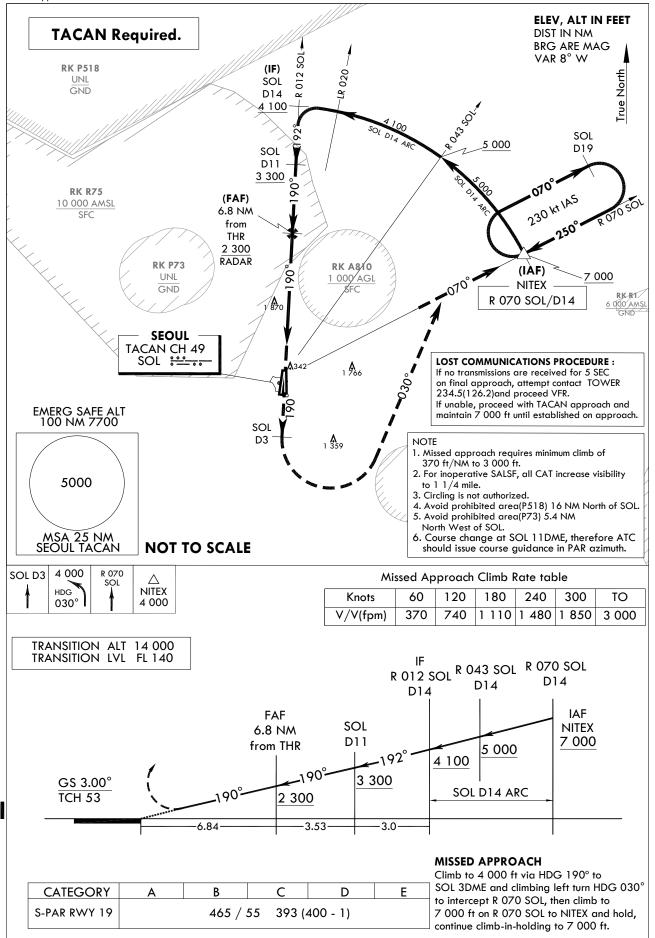
Feeder	Feeder Routes											
Serial Number	Serial Path Waypoint Fly C Number Descriptor Identifier -Over	Waypoint Identifier	Fly -Over	Serial Path Waypoint Fly Course/Track lumber Descriptor Identifier -Over ° M(° T)	Distance (NM)	Distance Turn Altitude Speed (NM) Direction (ft) (kt)	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
100	۴	KARBU	I	ı	I	I	I	I	37°31'59"N 127°39'52"E	ı	RNAV 1	FEEDER ROUTE
005	¥	TORIA	ı	300.6/292.6	15.8	ı	+6 000	-250	+6 000 -250 37°38'02.3748"N 127°21'30.6133"E	ı	RNP APCH	HOLDING 5 NM LEG
eeder	Feeder Routes			-								
Serial	Path	Waypoint	H,	Serial Path Waypoint Fly Course/Track	_	Distance Turn Altitude Speed	Altitude	Speed	Coordinates	VPA	VPA Navigation	Remarks
Number	Descriptor	Identifier	-Over	(L°)W°		(NM) Direction (#) (kt)	±	(¥		/ICH	specification	

Serial Number	Serial Path Waypoint Number Descriptor Identifier	Waypoint Identifier	Fly -Over	Waypoint Fly Course/Track Identifier -Over ° M(° T)	Distance Turn Altitude Speed (NM) Direction (ft) (kt)	istance Turn Altituc (NM) Direction (ft)	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	VPA Navigation /TCH specification	Remarks
001	11	MUGAR	I	I	I	I	ı	ı	37°17'45.54"N 127°19'08.61"E	I	RNAV 1	FEEDER ROUTE
002	ΨH	TORIA	I	13.3/5.3	20.34	ı	+6 000	-250	+6 000 -250 37°38'02.3748"N 127°21'30.6133"E	ı	RNP APCH	HOLDING 5 NM LEG

RNP RWY 20

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.

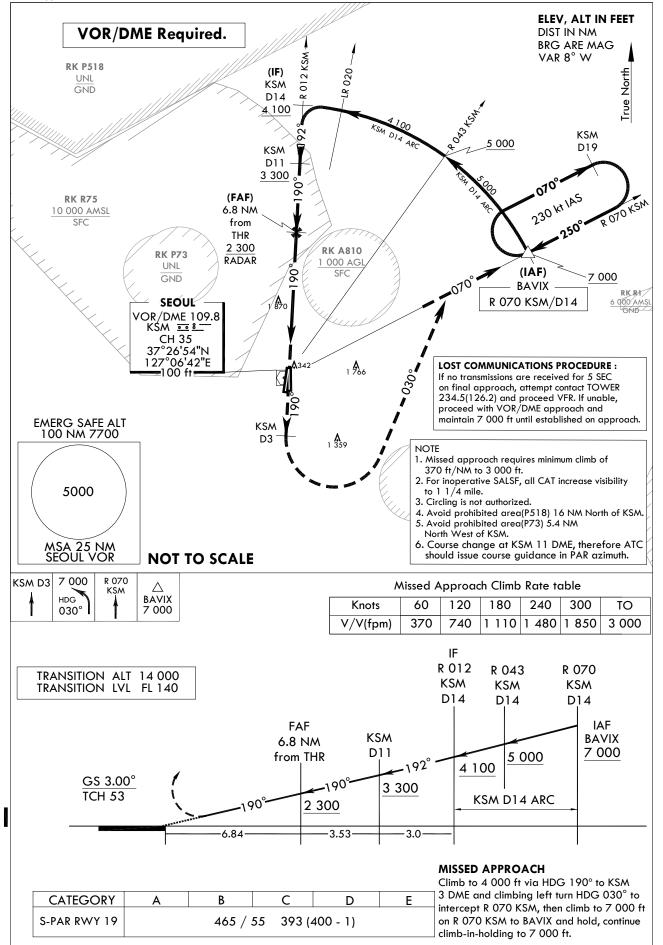


LEFT

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.

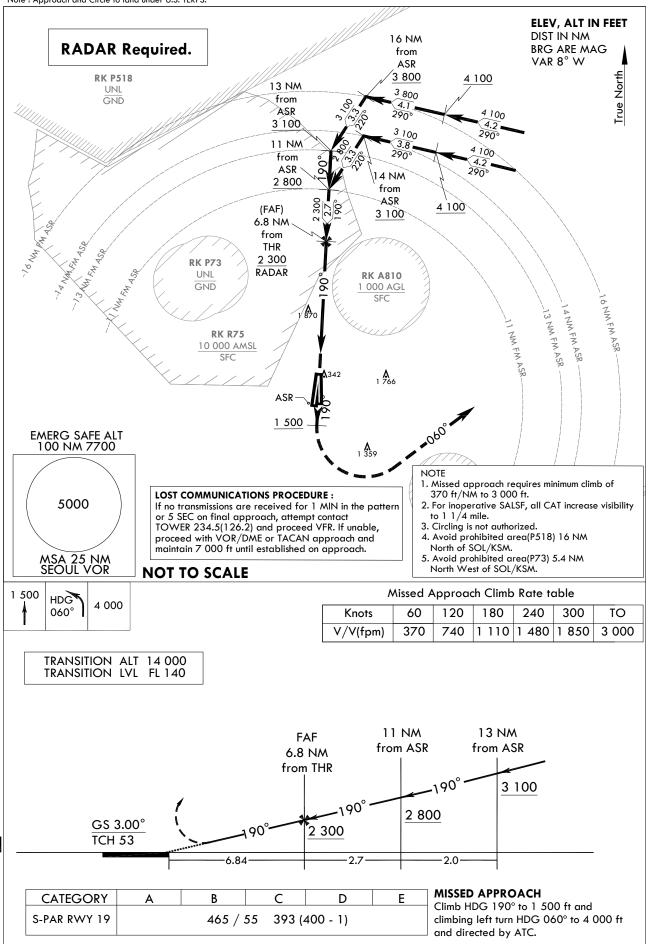


LEFT

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

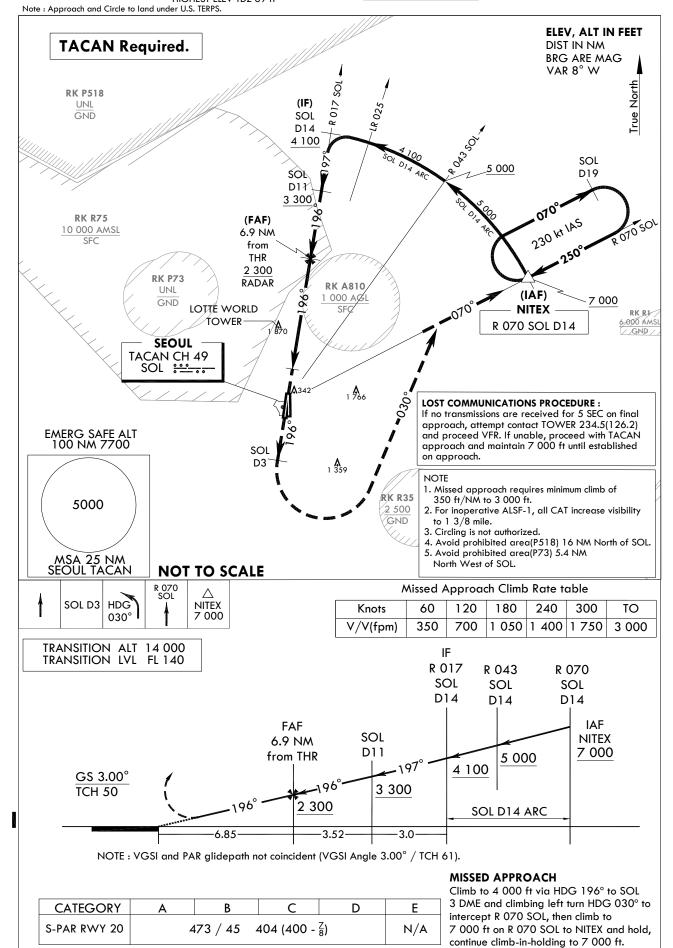
Note : Approach and Circle to land under U.S. TERPS.



LEFT

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

SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) PAR Z RWY 20

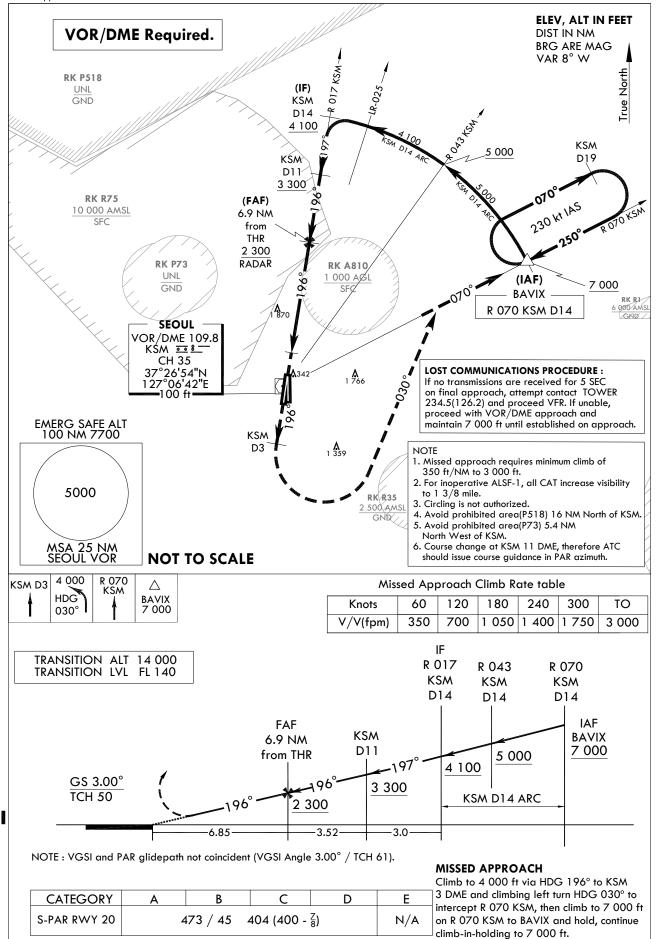


LEFT

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

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.



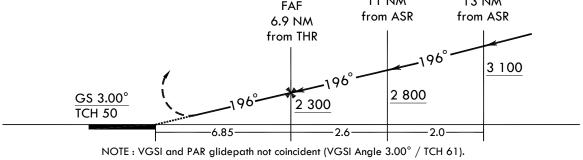
LEFT

INSTRUMENT APPROACH

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

SEOUL APP SEOUL TWR 123.8 363.8 126.2 234.5 236.6 SEOUL/Seoul(RKSM) PAR X

CHART RWY 20 HIGHEST ELEV TDZ 69 ft Note : Approach and Circle to land under U.S. TERPS. **ELEV, ALT IN FEET** RADAR Required. DIST IN NM 16 NM **BRG ARE MAG** from VAR 8° W ASR North **RK P518** 4 100 3 800 UNL 3 800 GND 13 NM True from 4100 290 ASR 2900 3 100 3 100 2.8 4 100 4.2 290° **RK R75** 11 NM 0,000 AMSL from SFC ASR 14 NM 2 800 from 4 100 (FAF) ASR 6.9 NM 3 100 from THR 2 300 **RK P73 RK A810** UNL RADAR 8 1 000 AGL SFC /**Δ** 870 1. Missed approach requires minimum climb of 350 ft/NM to 3 000 ft. 2. For inoperative ALSF-1, all CAT increase visibility to 13/8 mile. 3. Circling is not authorized. 342 **1** 766 **1** 766 4. Avoid prohibited area(P518) 16 NM North of SOL/KSM. 5. Avoid prohibited area(P73) 5.4 NM North West of SOL/KSM. 1 500 EMERG SAFE ALT 100 NM 7700 1 359 **RK R35** 2 500 AMSL 5000 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 MSA 25 NM SEOUL VOR maintain 7 000 ft until established on approach. **NOT TO SCALE** 1 500 Missed Approach Climb Rate table HDG 4 000 030° 120 180 240 300 TO 60 Knots 1 050 1 400 1 750 3 000 V/V(fpm) 350 700 TRANSITION ALT 14 000 TRANSITION LVL FL 140 11 NM 13 NM **FAF** from ASR from ASR 6.9 NM from THR



CATEGORY	Α	В	С	D	Е
S-PAR RWY 20		473 /	45 404 (400 - ⁷ / ₈)	

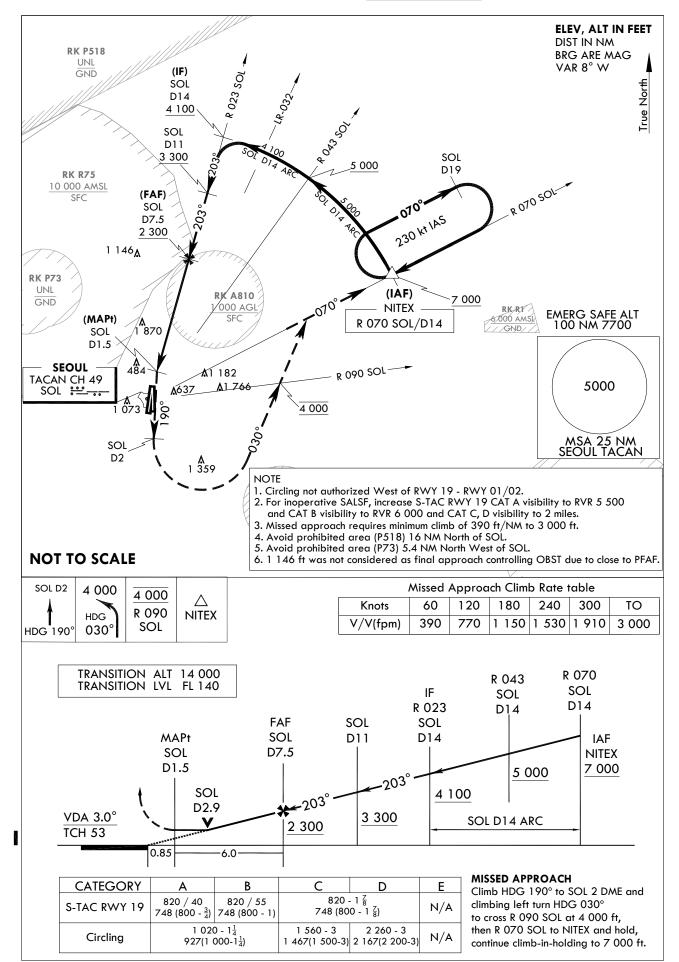
MISSED APPROACH

Climb HDG 196° to 1500 ft and climbing left turn HDG 060° to 4 000 ft and directed by ATC.

LEFT

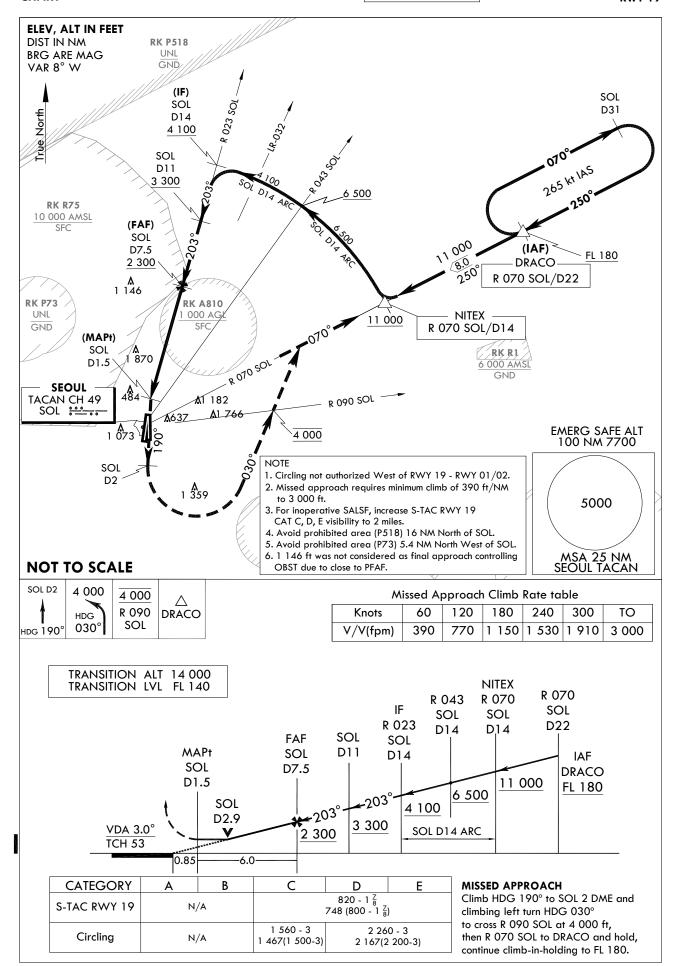
AERODROME ELEV 93 ft HEIGHTS RELATED TO THR RWY 19 - ELEV 68 ft

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



LEFT

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



LEFT

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

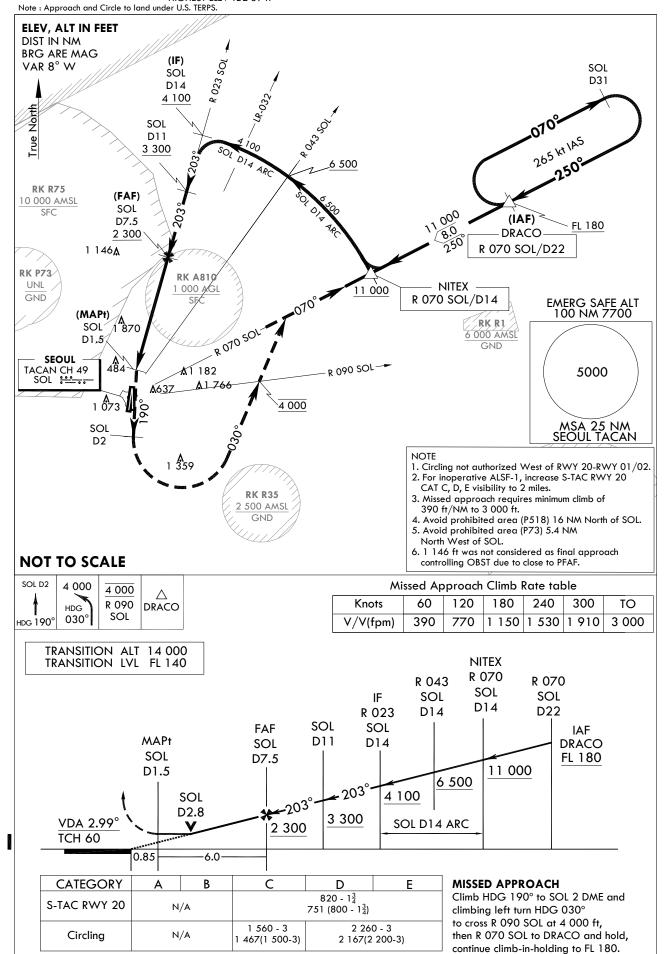
SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) TACAN RWY 20

Note: Approach and Circle to land under U.S. TERPS. **ELEV, ALT IN FEET** DIST IN NM **BRG ARE MAG** R 023 SOL. VAR 8° W North (IF) **RK P518** UNL SOL GND D14 400 A True 4 100 SOL SOL 5 000 ∕b),1 D19 3 300 o10° (FAF) 230 Kt 1AS SOL **RK R75** D7.5 1 146A 2 300° 10 000 AMSL SFC RK P73 RK A810 UNL 000 AG GND SEC 7 000 07° (MAPt) **NITEX** SEOUL SOL R 070 SOL/D14 TACAN CH 49 D1.5 1 870 SOL :::. R 090 SOL-**∧**1 182 **∆**637 1 073 4 000 EMERG SAFE ALT 100 NM 7700 SOL D2 Δ 1 359 1. Circling not authorized West of RWY 20-RWY 01/02. 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. 5000 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. MSA 25 NM SEOUL TACAN **NOT TO SCALE** SOL D2 4 000 Missed Approach Climb Rate table 4 000 R 090 **Knots** 60 120 180 240 300 TO NITEX HDG 030° SOL HDG 190 V/V(fpm)390 770 1 150 1 530 1 910 3 000 TRANSITION ALT 14 000 R 070 TRANSITION LVL FL 140 R 043 SOL SOL IF D14 D14 R 023 SOL SOL **FAF IAF** D11 **MAPt** D14 SOL NITEX SOL D7.5 7 000 5 000 D1.5 -203° 4 100 SOL -203 D2.8 3 300 VDA 2.99° SOL D14 ARC 2 300 TCH 60 6.0 0.85 **CATEGORY** Α В D Ε MISSED APPROACH Climb HDG 190° to SOL 2 DME and 820 / 35 820 / 40 $820 - 1\frac{3}{4}$ S-TAC RWY 20 N/A climbing left turn HDG 030° to cross $751 (800 - \frac{5}{8})$ $751 (800 - \frac{3}{4})$ $751 (800 - 1\frac{3}{4})$ R 090 SOL at 4 000 ft, 1 020 - 14 1 560 - 3 2 260 - 3 then R 070 SOL to NITEX and hold, N/A Circling 927(1 000-11/4) 1 467(1 500-3) 2 167(2 200-3) continue climb-in-holding to 7 000 ft.

LEFT

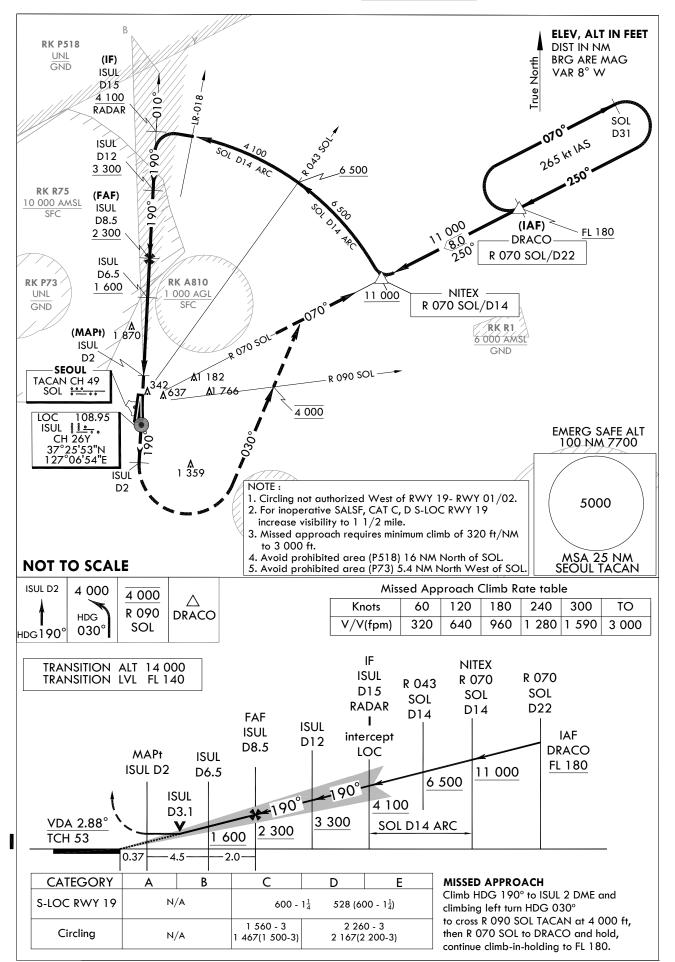
AERODROME ELEV 93 ff HEIGHTS RELATED TO THR RWY 20 - ELEV 68 ff HIGHEST ELEV TDZ 69 ff

SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) HI-TACAN RWY 20



LEFT

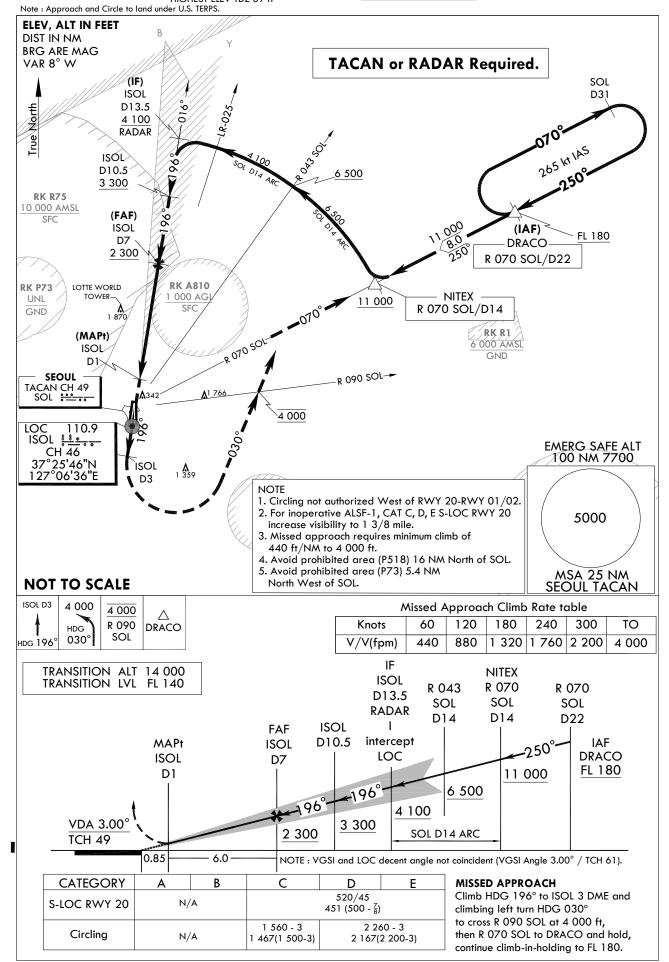
AERODROME ELEV 93 ft HEIGHTS RELATED TO THR RWY 19 - ELEV 68 ft SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) HI-LOC/DME RWY 19



LEFT

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

SEOUL APP 123.8 363.8 SEOUL TWR 126.2 234.5 236.6 SEOUL/Seoul(RKSM) HI-LOC/DME RWY 20

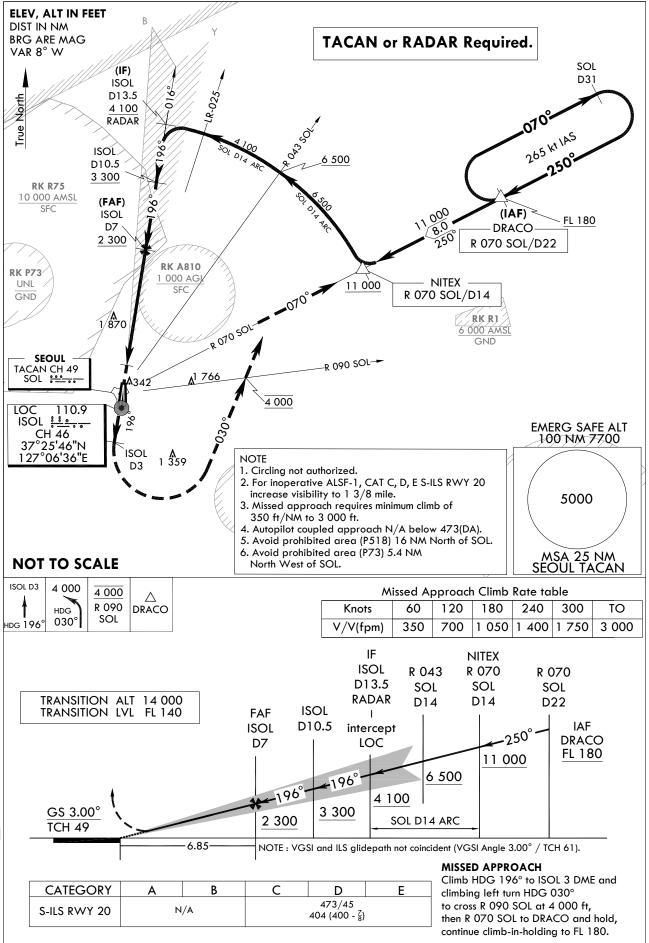


LEFT

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

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.



LEFT