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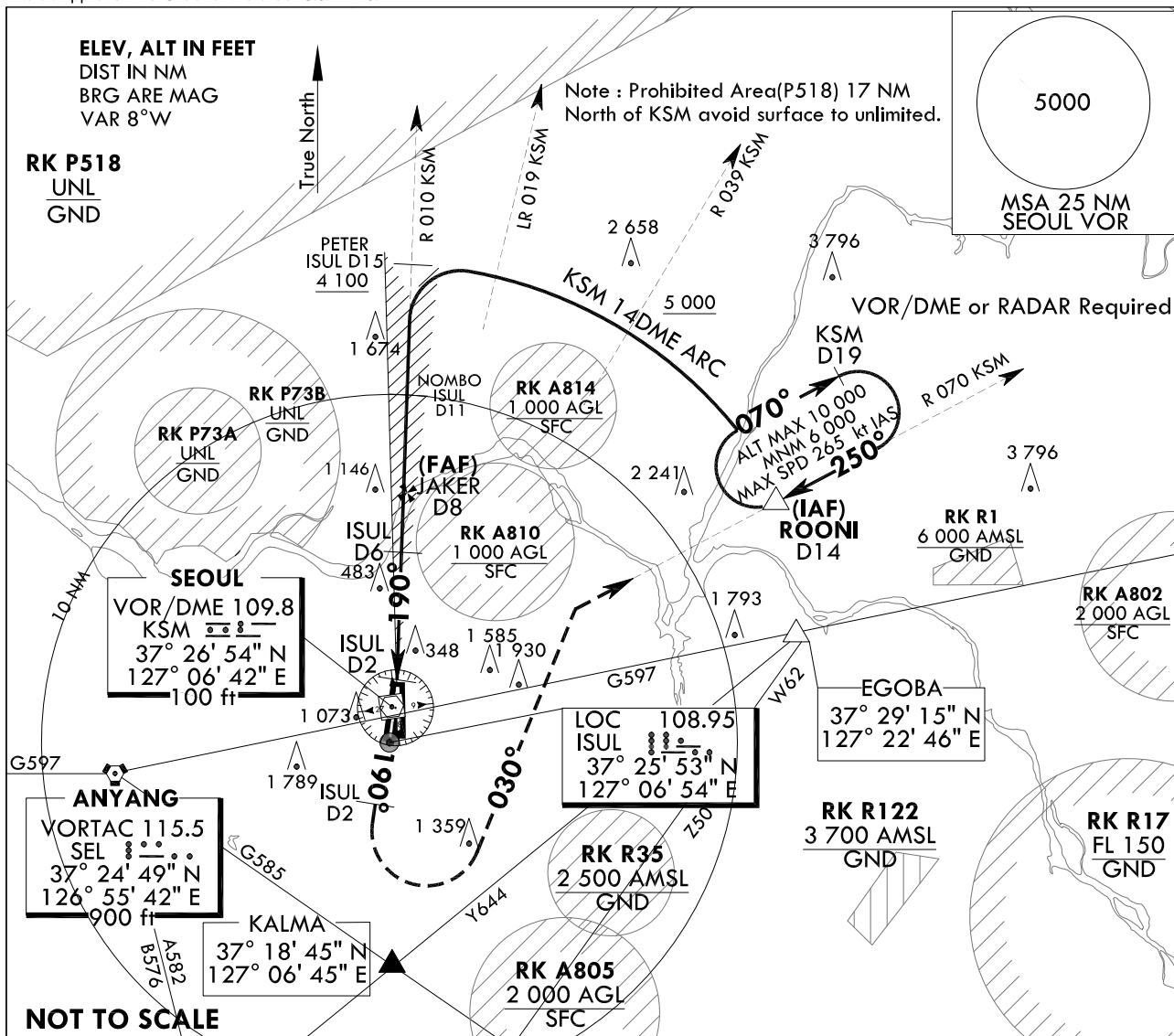
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AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **69 ft**

SEOUL	APP	123.8	363.8
SEOUL	TWR	126.2	
		236.6	234.5

SEOUL/Seoul(RKSM)
LOC Y
RWY 19

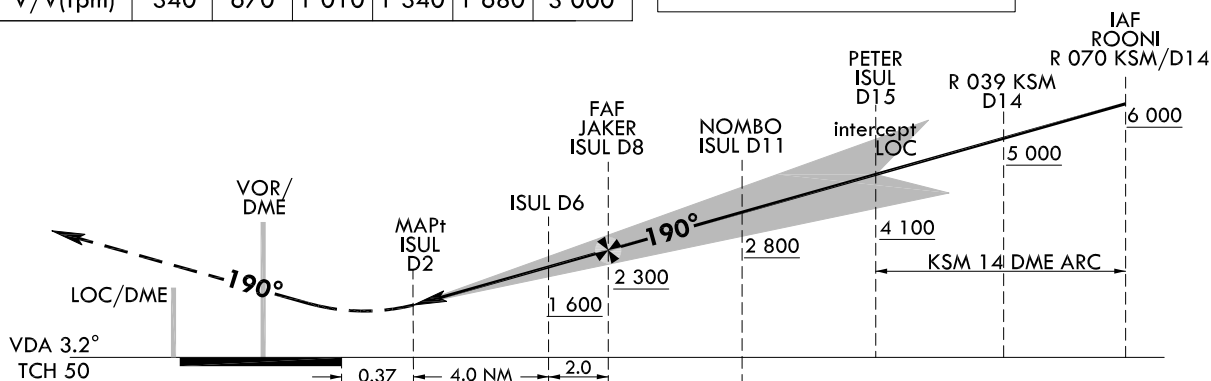
Note : Approach and Circle to land under U.S. TERPS.



Missed approach obstacle Minimum Climb Rate table

KNOTS	60	120	180	240	300	TO
V/V(fpm)	340	670	1 010	1 340	1 680	3 000

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



MISSED APPROACH

Climb to 6 000 ft via heading 190° to ISUL 2DME then climbing turn left heading 030° then direct to ROONI(R 070 KSM/D14) and climb assigned altitude by ATC and hold.

CATEGORY	A	B	C	D
S-LOC RWY 19	600 / 50 531 (600 - 1)	600 / 50 531 (600 - 1)	600 - 1½ 531 (600 - 1½)	600 - 1½ 531 (600 - 1½)
Circling	1 020 - 1¼ 926(1 000-1¼)	1 020 - 1¼ 926(1 000-1¼)	1 560 - 3 1 466(1 500-3)	2 260 - 3 2 166(2 200-3)

Note : Circling not authorized W of RWY 19- $\frac{1}{2}$ 19-20.

Change : Information of tower frequency ($292.85 \rightarrow 234.5$).

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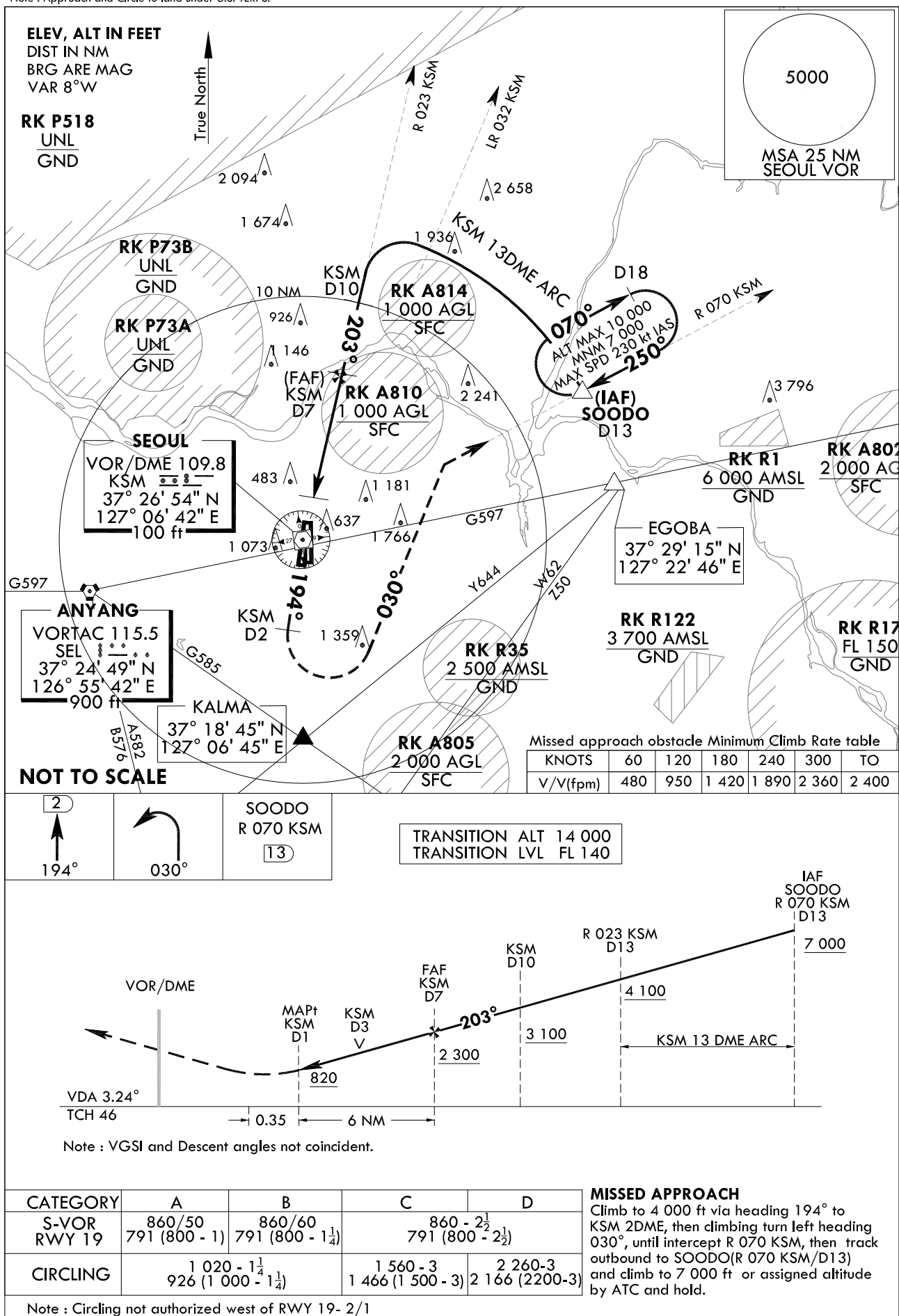
**INSTRUMENT
APPROACH
CHART**

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)
VOR/DME
RWY 19

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



Change : Information of tower frequency (292.85 → 234.5).

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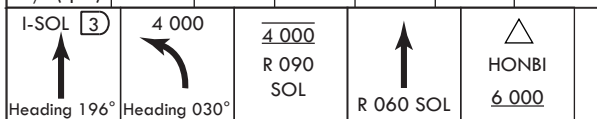
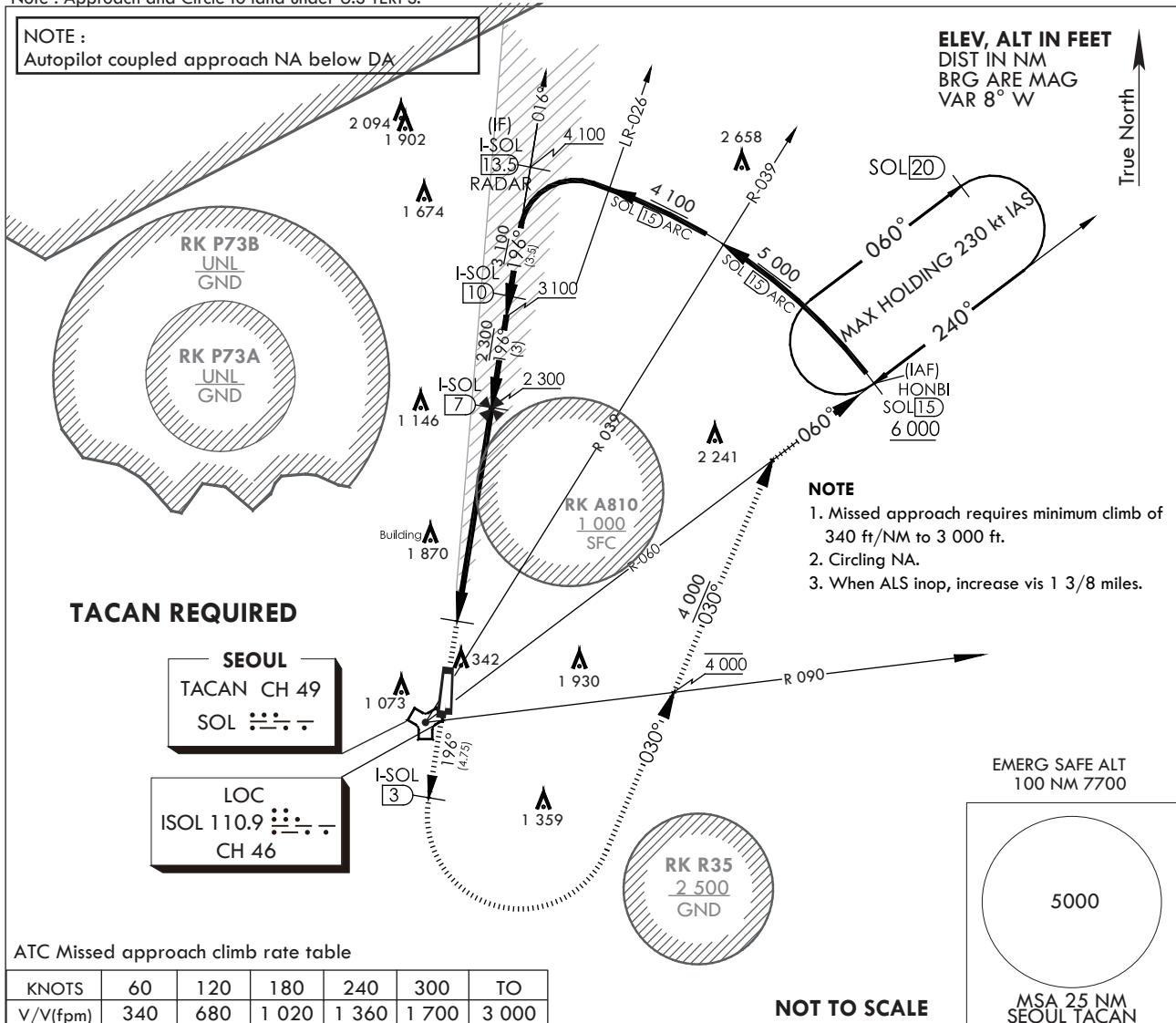
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

SEOUL/Seoul (RKSM)
ILS Z RWY 20

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



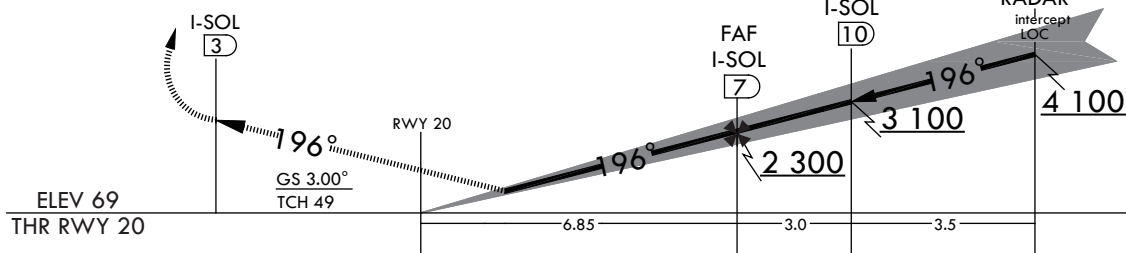
MISSED APPROACH :

Climb to 4 000 ft via heading 196° to I-SOL 3DME then climbing turn left heading 030° to cross R 090 SOL at 4 000 ft, then heading 030° to intercept R 060 SOL and climb to 6 000 ft, then R 060 SOL to HONBI and hold.

Use I-SOL DME, when on the localizer course.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

VGSI and ILS glidepath not coincident : (VGSI Angle 3.00° TCH 60).



CATEGORY	A	B	C	D	E
S-ILS 20		473/45	403(400-7/8)		

Change : Information of tower frequency (292.85 → 234.5).

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AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV **69 ft**
HIGHEST ELEV TDZ 70 ft

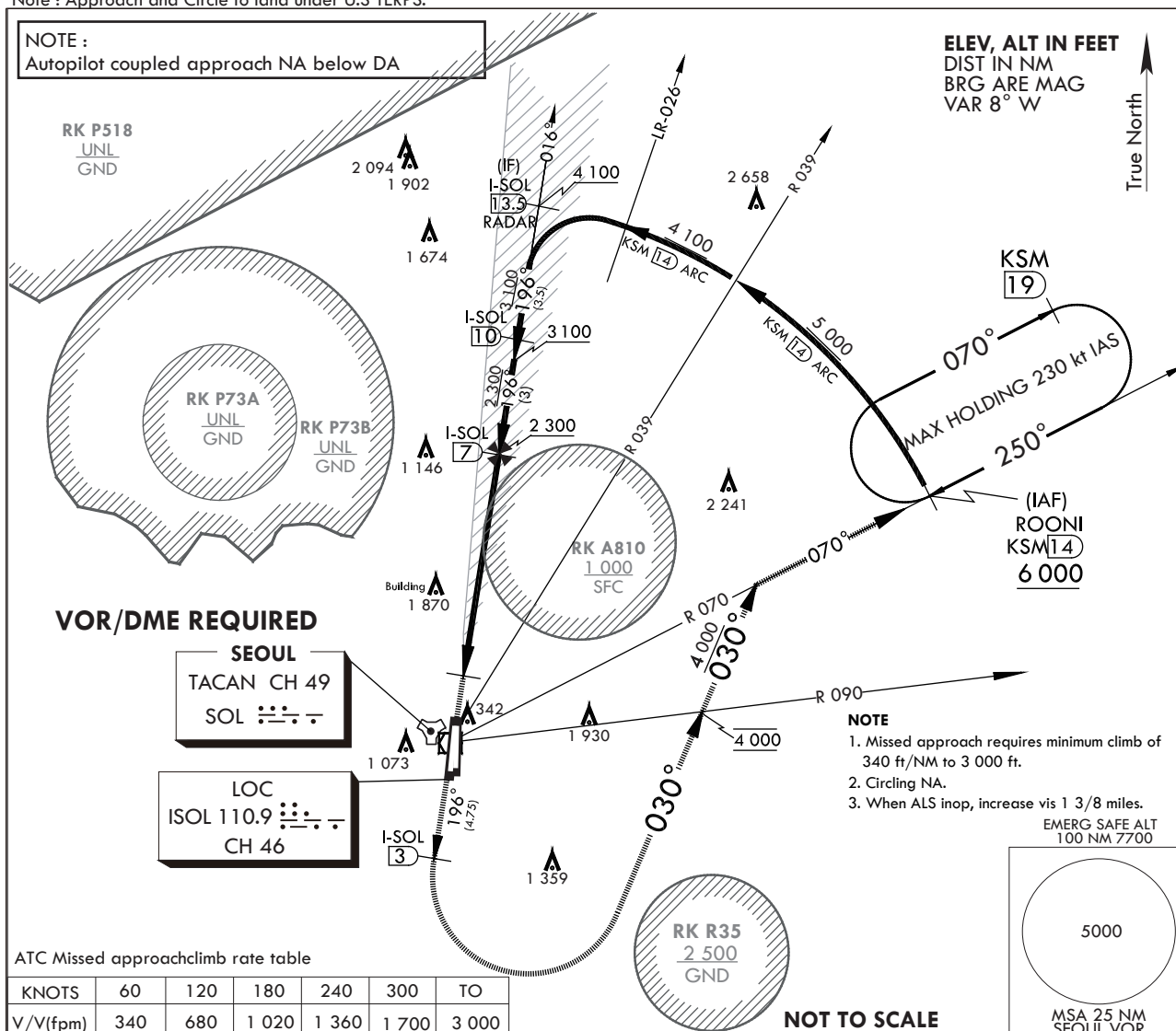
SEOUL	APP	123.8	363.8
SEOUL	TWR	126.2	
		236.6	234.5

SEOUL/Seoul (RKSM)
ILS Y RWY 20

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

NOTE :
Autopilot coupled approach NA below DA

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



KNOTS	60	120	180	240	300	TO
V/V(fpm)	340	680	1 020	1 360	1 700	3 000

 Headina 196°	 Headina 030°	 R 090 KSM	 R 070 KSM	 ROONI <u>6 000</u>
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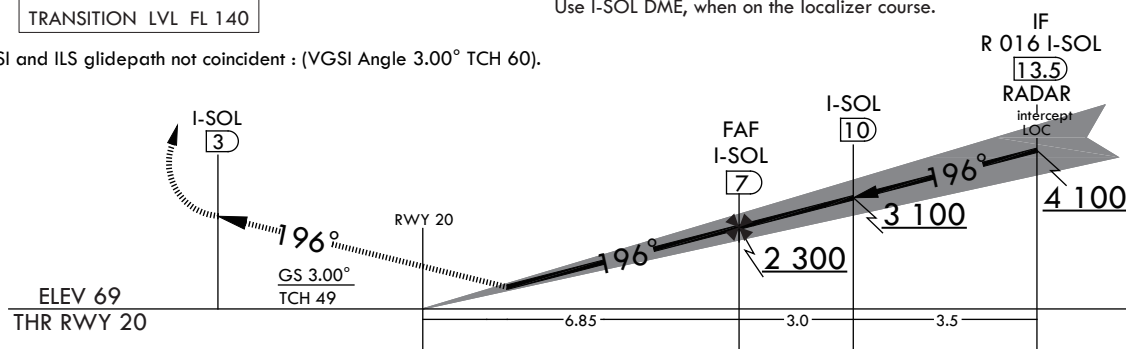
TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

VGSI and ILS glidepath not coincident : (VGSI Angle 3.00° TCH 60).

MISSED APPROACH :

Climb to 4 000 ft via heading 196° to I-SOL 3 DME
then climbing turn left heading 030° to cross R 090 KSM at 4 000 ft,
then heading 030° to intercept R 070 KSM and climb to 6 000 ft,
then R 070 KSM to ROONI and hold.

Use I-SOL DME, when on the localizer course.



CATEGORY	A	B	C	D	E
S-ILS 20	473/45 403(400-7/8)				

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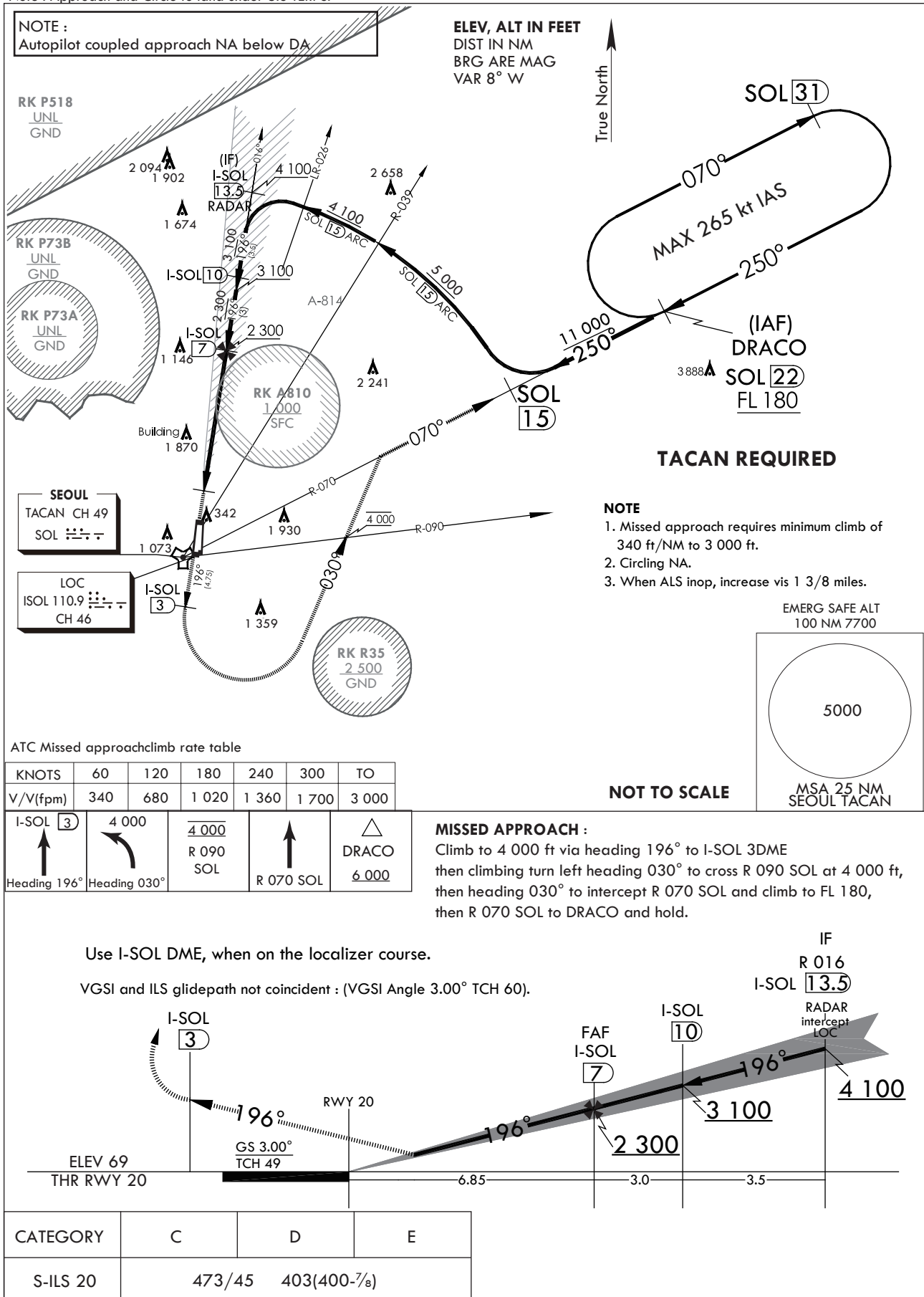
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

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

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



Change : Information of tower frequency (292.85 → 234.5).

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**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

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

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

NOTE : Prohibited Area(P518)
18NM North of KSM VOR/DME
Avoid surface to unlimited.

RK P518
UNL
GND

NOTE : 1 146 ft was not considered
as final approach controlling OBST
due to close to FAF

RK P73A
UNL
GND

RK P73B
UNL
GND

RK A810
1 000
SFC

RK R35
2 500
GND

VOR/DME REQUIRED

SEOUL
TACAN CH 49
SOL

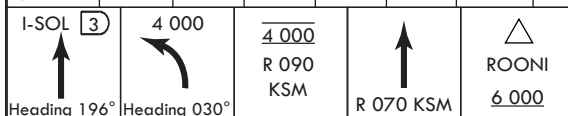
LOC
ISOL 110.9
CH 46

- NOTE**
1. Missed approach requires minimum climb of 440 ft/NM to 4 000 ft.
 2. Circling not authorized west of RWY 20-1/2.
 3. When ALS inop, increase vis 1 3/8 miles.

EMERG SAFE ALT
100 NM 7700

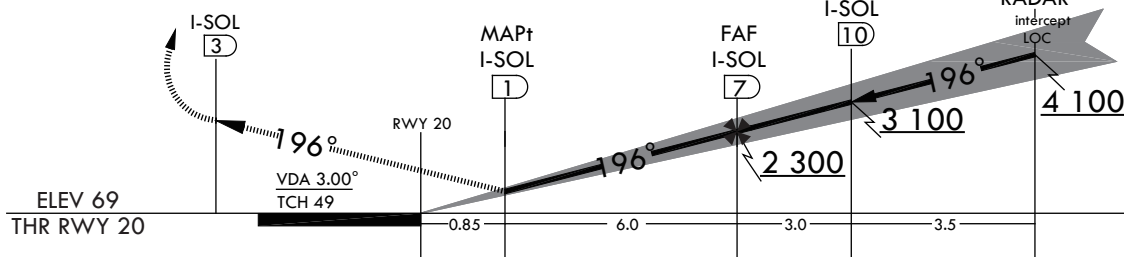
MISSED APPROACH CLIMB RATE TABLE

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



TRANSITION ALT 14 000
TRANSITION LVL FL 140

VGSI and ILS glidepath not coincident : (VGSI Angle 3.00° TCH 60).



CATEGORY	A	B	C	D
S-LOC 20	520/55	450(500-1)		
CIRCLING	1 020/1¼ 926(1 000-1¼)	1 560-3 1 466(1 500-3)	2 260-3 2 166(2 200-3)	

Change : Page control.

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**INSTRUMENT
APPROACH
CHART**

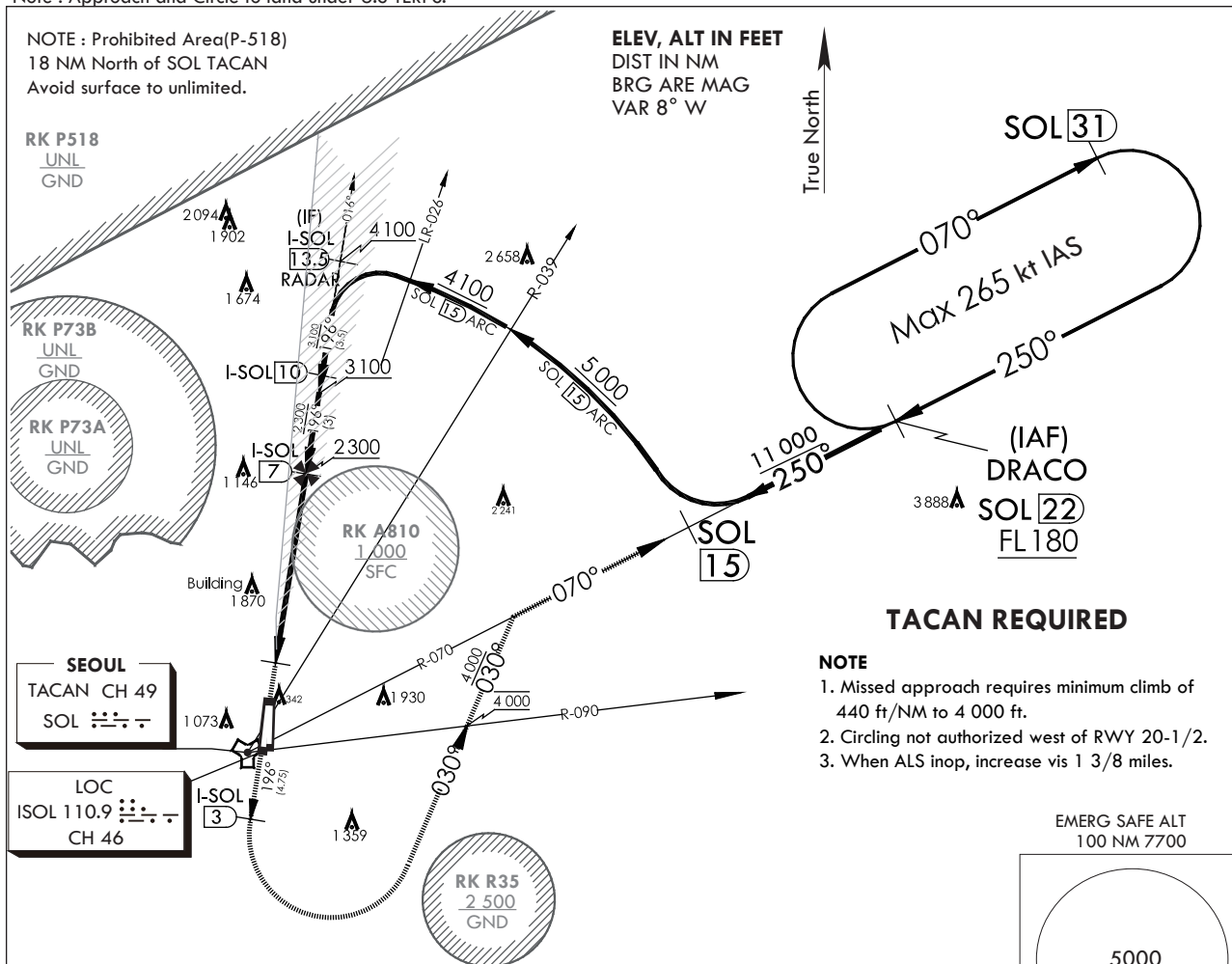
AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

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

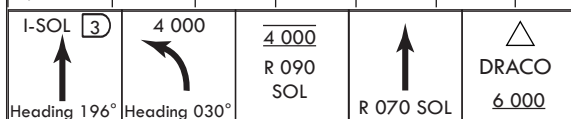
Note : Approach and Circle to land under U.S TERPS.

NOTE : Prohibited Area(P-518)
18 NM North of SOL TACAN
Avoid surface to unlimited.



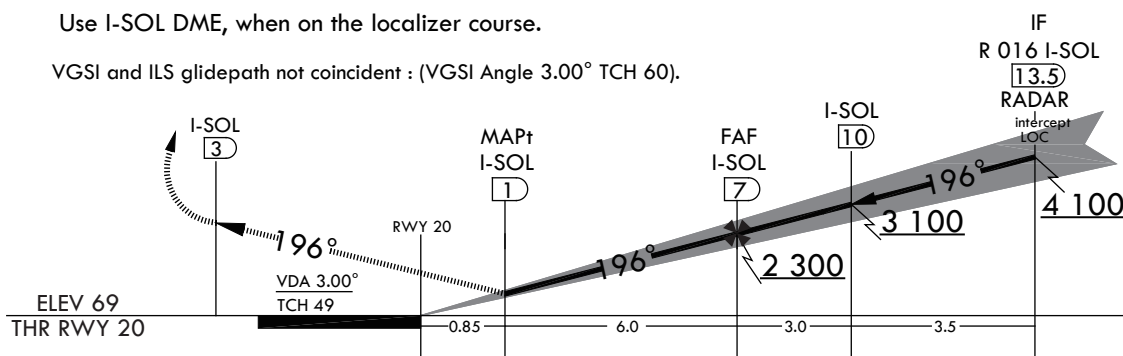
MISSED APPROACH CLIMB RATE TABLE

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



Use I-SOL DME, when on the localizer course.

VGSI and ILS glidepath not coincident : (VGSI Angle 3.00° TCH 60).



CATEGORY	C	D	E
S-LOC 20	520/55	450(500-1)	
CIRCLING	1 560-3 1 466(1500-3)	2 260-3 2 166(2 200-3)	

Change : Information of tower frequency (292.85 → 234.5).

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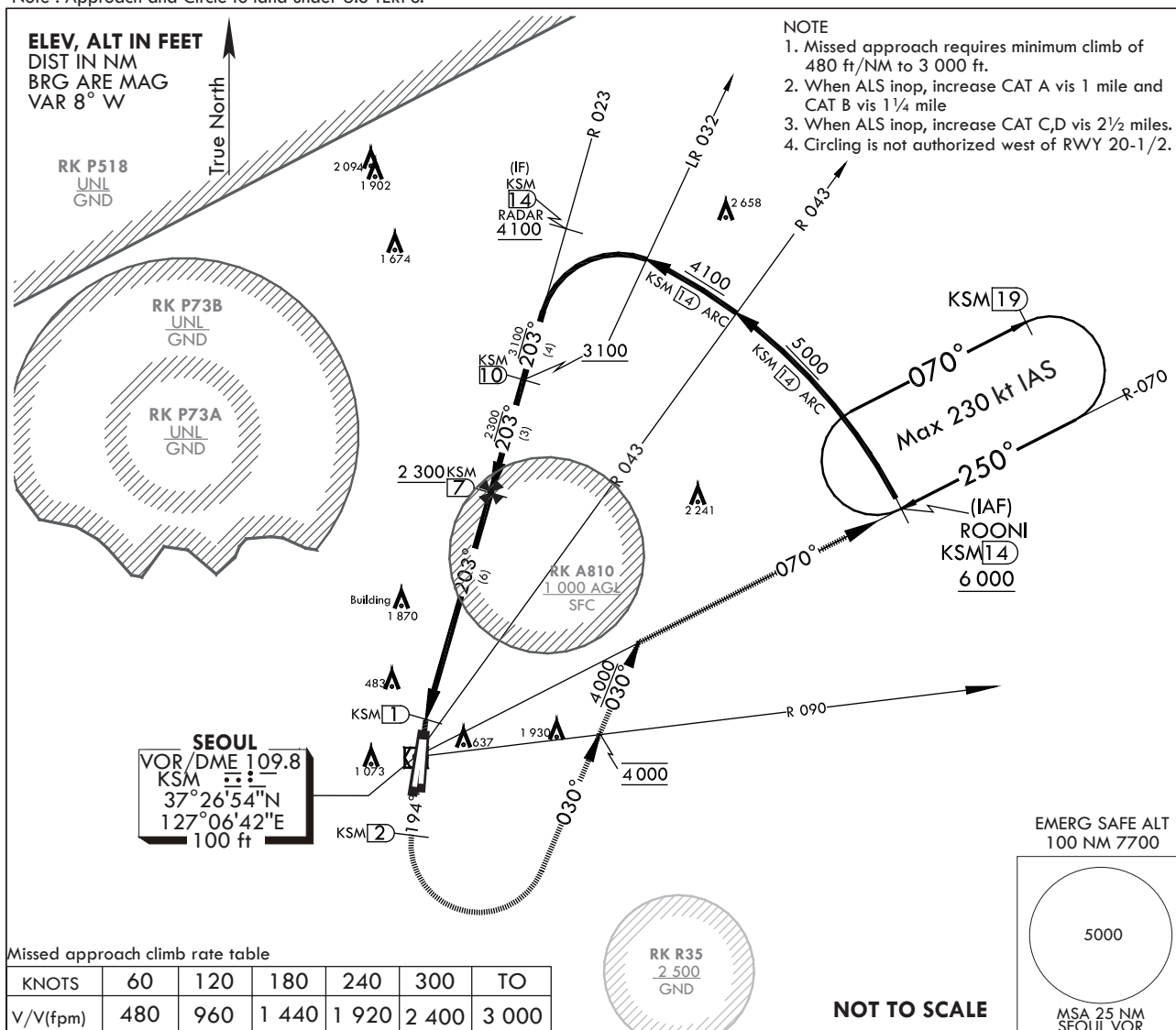
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AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV **69 ft**
HIGHEST ELEV TDZ 70 ft

SEOUL APP	123.8	363.8
SEOUL TWR	126.2	
	236.6	234.5

**SEOUL/Seoul (RKSM)
VOR/DME RWY 20**

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



KNOTS	60	120	180	240	300	TO
V/V(fpm)	480	960	1 440	1 920	2 400	3 000

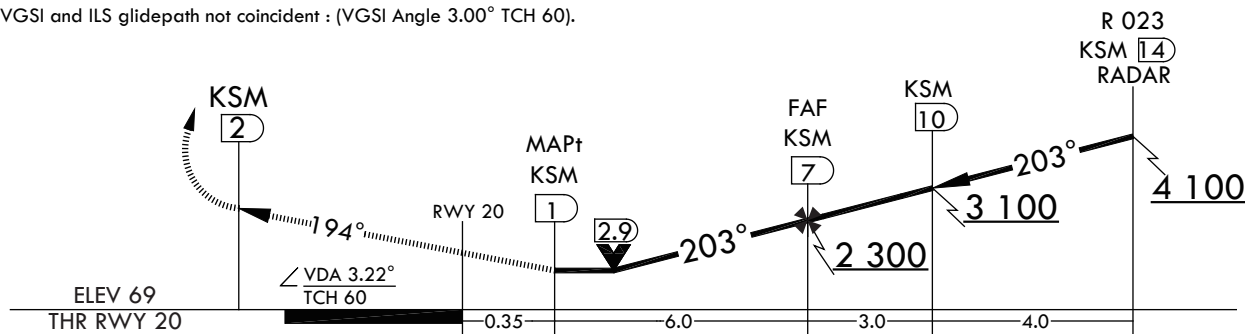
				
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MISSED APPROACH :

Climb to 4 000 ft via heading 194° to KSM 2DME
then climbing turn left heading 030° to cross R 090 KSM at 4 000 ft,
then heading 030° to intercept R 070 KSM and climb to 6 000 ft,
then R 070 KSM to R00N1 and hold.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

VGSI and ILS glidepath not coincident : (VGSI Angle 3.00° TCH 60).



CATEGORY	A	B	C	D
S-VOR 20	860/24 790(800-½)	860/40 790(800-¾)	860-1¾	790(800-1¾)
CIRCLING	1 020-1¼	926(1 000-1¼)	1 560-3 1 466(1 500-3)	2 260-3 2 166(2 200-3)

Change : Information of tower frequency ($292.85 \rightarrow 234.5$).

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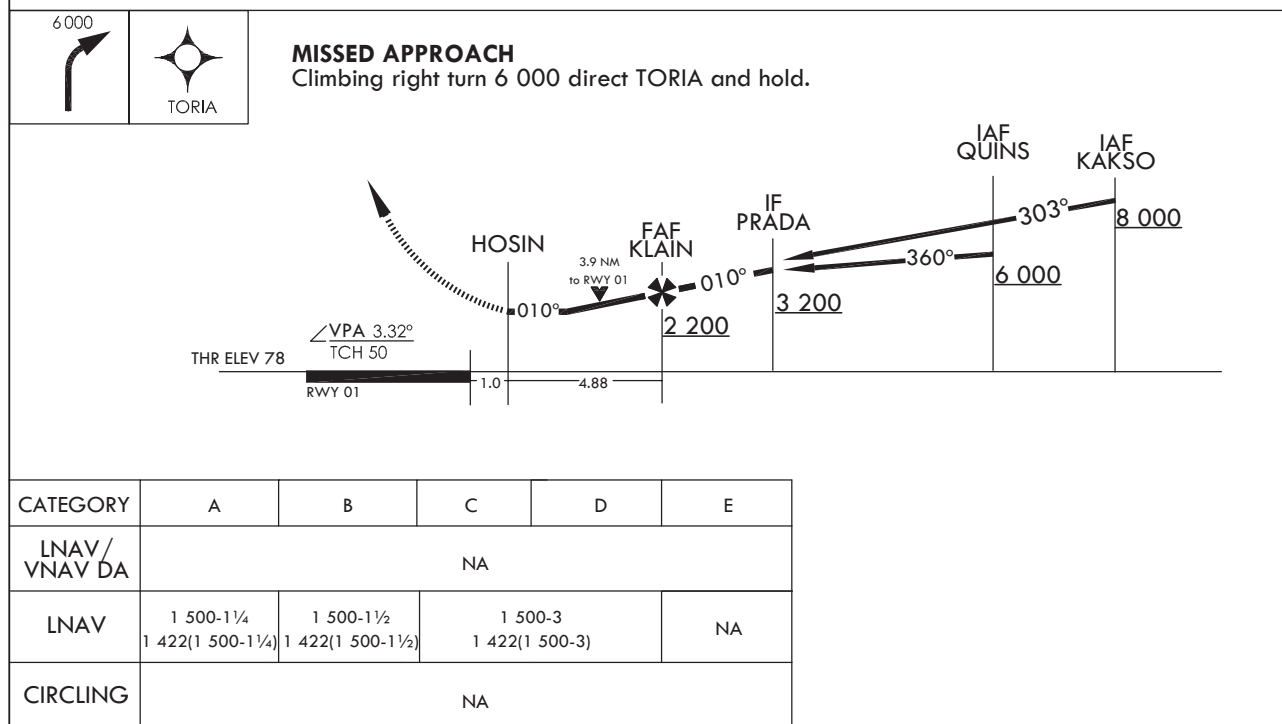
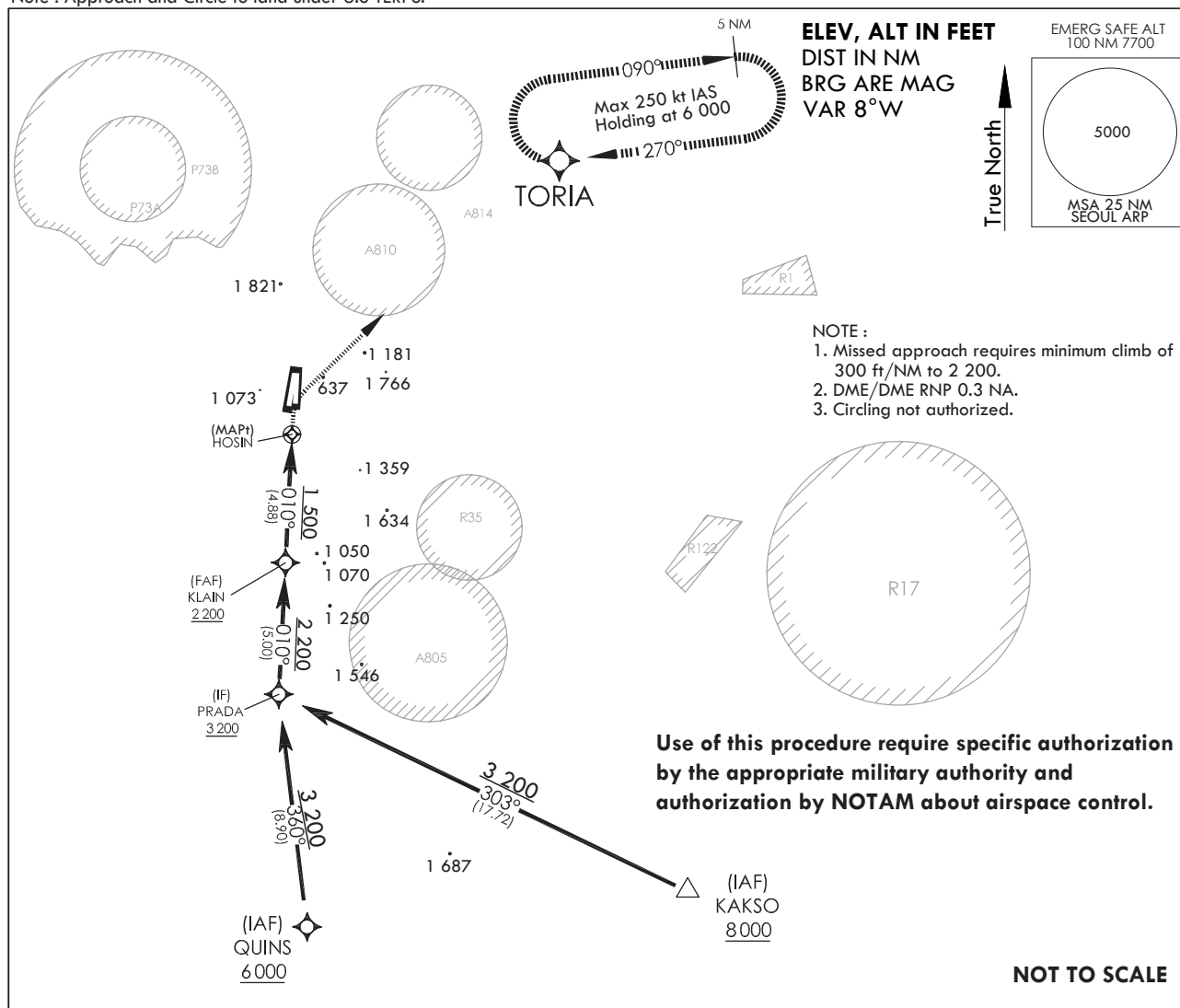
**INSTRUMENT
APPROACH
CHART**

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)
RNAV(GNSS) RWY 01

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



Change : Information of tower frequency (292.85 → 234.5).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNAV(GNSS) 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	-	370620.2845N 1270801.9225E	-	RNPAPCH	IAF
002	TF	PRADA	-	359.9°/351.9°	8.9	-	+3 200	-	371509.3930N 1270628.1856E	-	RNPAPCH	IF
003	TF	KLAIN	-	9.8°/1.8°	5	-	+2 200	-	372009.6309N 1270639.9962E	-	RNPAPCH	FAF
004	TF	HOSIN	Y	9.8°/1.8°	4.88	-	+1 500	-	372502.5948N 1270651.5321E	3.32°/50	RNPAPCH	MAPt
005	DF	TORIA	-	-	-	R	6 000	-	373802.3748N 1272130.6133E	-	RNPAPCH	-
006	HM	TORIA	-	270.0°/262.0°	5	R	@6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM LEG

RNAV(GNSS) 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	-	370745N 1272637E	-	RNPAPCH	IAF
002	TF	PRADA	-	302.8°/294.8°	17.72	-	+3 200	-	371509.3930N 1270628.1856E	-	RNPAPCH	IF
003	TF	KLAIN	-	9.8°/1.8°	5	-	+2 200	-	372009.6309N 1270639.9962E	-	RNPAPCH	FAF
004	TF	HOSIN	Y	9.8°/1.8°	4.88	-	+1 500	-	372502.5948N 1270651.5321E	3.32°/50	RNPAPCH	MAPt
005	DF	TORIA	-	-	-	R	6 000	-	373802.3748N 1272130.6133E	-	RNPAPCH	-
006	HM	TORIA	-	270.0°/262.0°	5	R	@6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM LEG

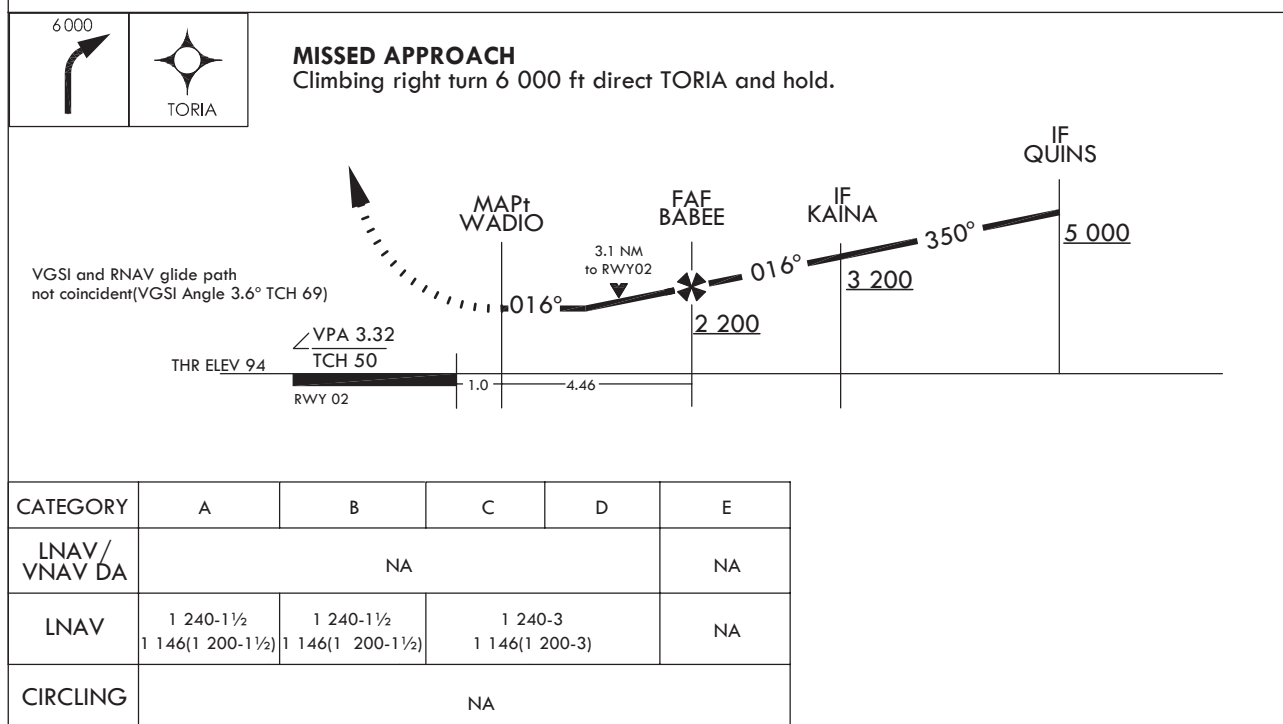
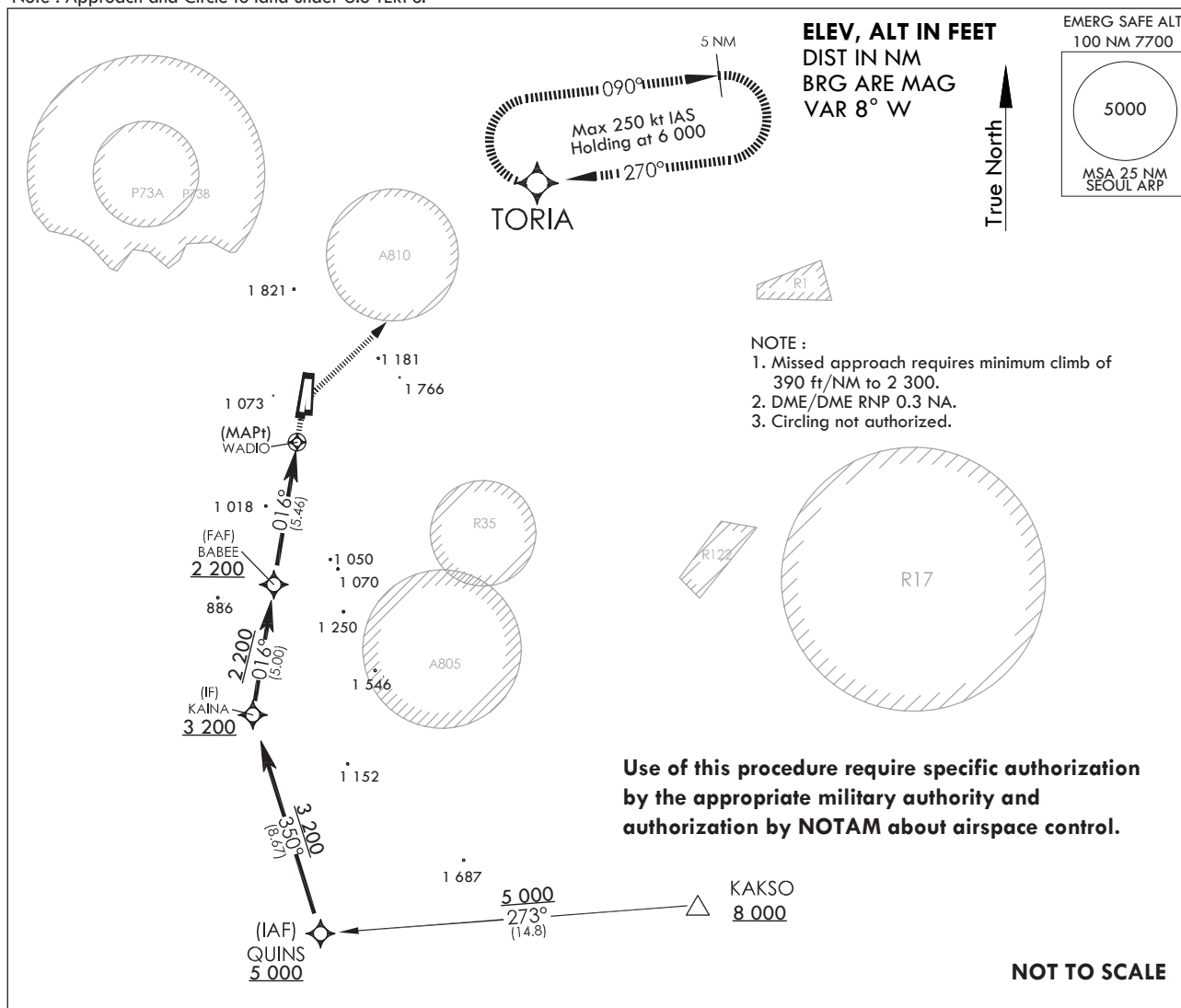
**INSTRUMENT
APPROACH
CHART**

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)
RNAV(GNSS) RWY 02**

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



Change : Information of tower frequency (292.85 → 234.5).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNAV(GNSS) 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	-	370620.2845N 1270801.9225E	-	RNPAPCH	IAF
002	TF	KAINA	-	349.67° / 341.67°	8.67	-	+3 200	-	371434.8404N 1270436.9589E	-	RNPAPCH	IF
003	TF	BABEE	-	16.07° / 8.07°	5	-	+2 200	-	371932.2479N 1270529.7485E	-	RNPAPCH	FAF
004	TF	WADIO	Y	16.10° / 8.10°	5.46	-	+1 240	-	372457.1290N 1270627.5325E	3.32°/50	RNPAPCH	MAPt
005	DF	TORIA	-	-	-	R	@6 000	-	373802.3748N 1272130.6133E	-	RNPAPCH	-
006	HM	TORIA	-	270.0° /262.0°	5	R	@6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM 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	-	370745N 1272637E	-	RNAV1	EN ROUTE
002	TF	QUINS	-	272.67° / 264.67°	14.93	-	+5 000	-	370620.2845N 1270801.9225E	-	RNPAPCH	IAF

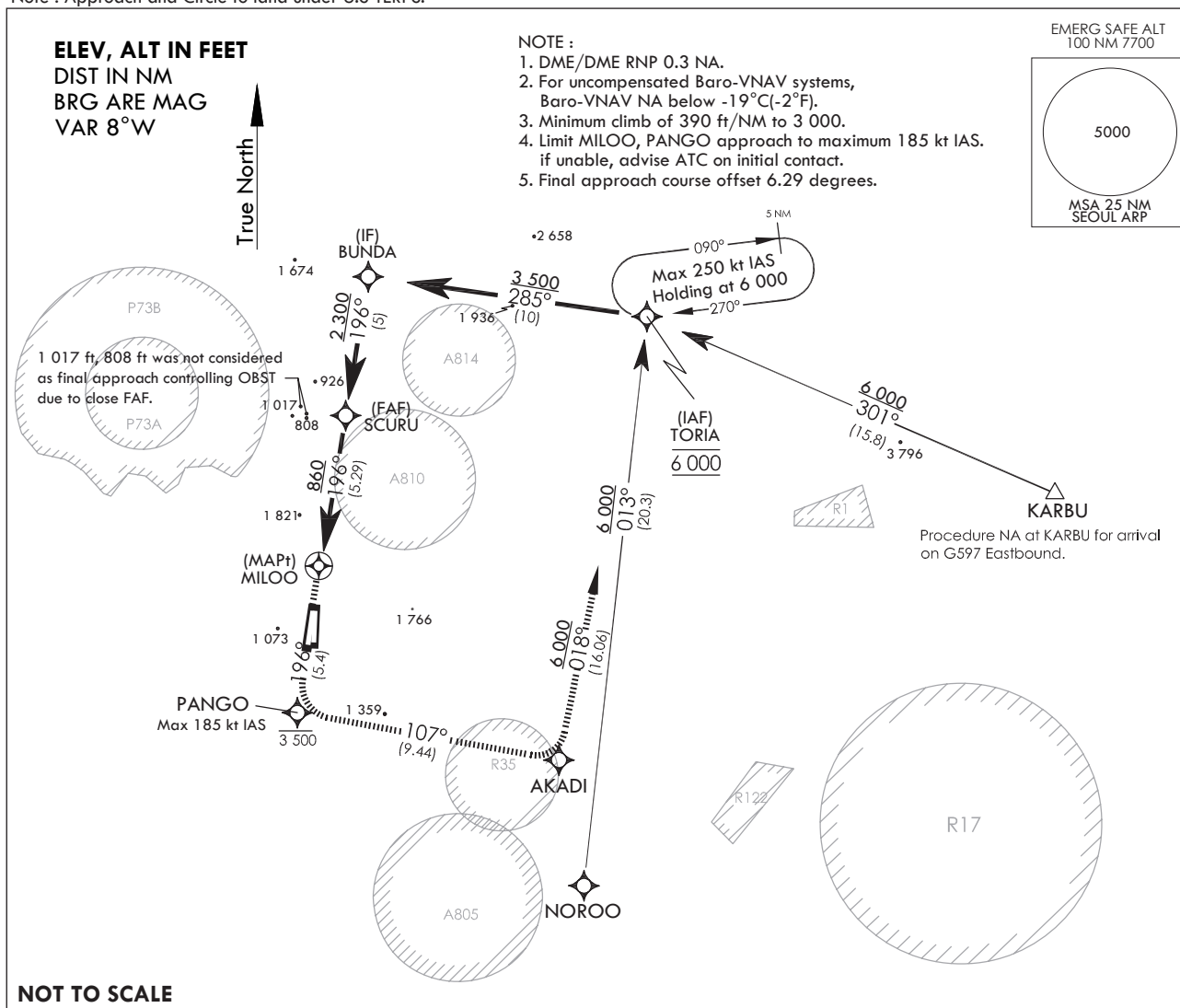
**INSTRUMENT
APPROACH
CHART**

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)
RNAV(GNSS) RWY 19**

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

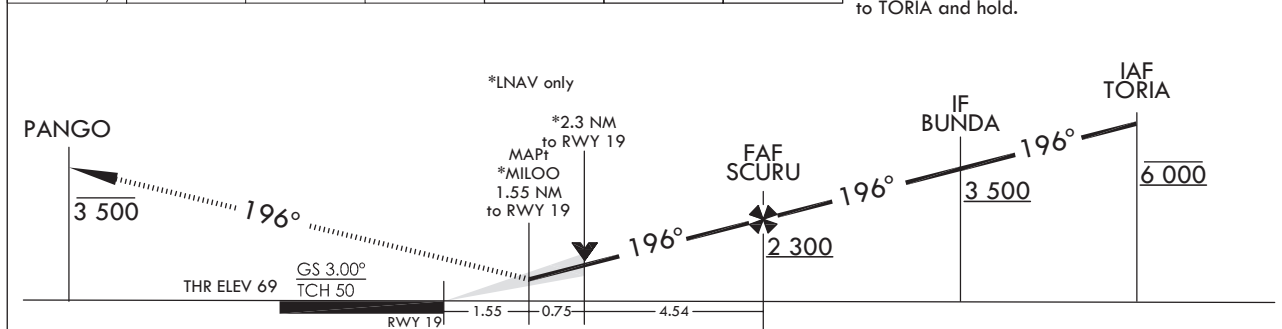


NOT TO SCALE

						
*MILOO *LNAV only	TRK 196°	PANGO	TRK 107°	AKADI	TRK 018°	TORIA

MISSED APPROACH

Climb on track 196° to cross PANGO at or below 3 500, then climbing left turn to 6 000 track 107° to AKADI, then left turn track 018° to TORIA and hold.



CATEGORY	A	B	C	D	E
LNAV/ VNAV DA		711-2½	642(700-2½)		NA
LNAV MDA		860-2½	791(800-2½)		NA
CIRCLING	1 020-2½	926(1 000-2½)	1 560-3 1 466(1 500-3)	2 260-3 2 166(2 200-3)	NA

Change : Information of tower frequency (292.85 → 234.5).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNAV(GNSS) 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	373802.3748N 1272130.6133E	-	RNPAPCH	IAF
002	TF	BUNDA	-	285.1°/277.1°	10	-	+3 500	-250	373916.2513N 1270900.8555E	-	RNPAPCH	IF
003	TF	SCURU	-	196.1°/188.1°	5	-	+2 300	-165	373418.8855N 1270807.7311E	-	RNPAPCH	FAF
004	TF	MILOO	Y	196.1°/188.1°	5.29	-	+860	-165	372904.2951N 1270711.5747E	3.0°/50	RNPAPCH	MAPt
005	TF	PANGO	-	196.1°/188.1°	5.4	-	-3 500	-185	372343.154N 1270614.3668E	-	RNPAPCH	-
006	TF	AKADI	-	107.1°/099.1°	9.44	-	6 000	-250	372213.0036N 1271756.0695E	-	RNPAPCH	-
007	TF	TORIA	-	018.2°/10.2°	16.06	-	+6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	-
008	HM	TORIA	-	270.0°/262.0°	-	R	@6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM 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	-	-	-	-	-	-	373159N 1273952E	-	RNAV1	FEEDER ROUTE
002	HM	TORIA	-	300.6°/292.6°	15.8	-	+6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM 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	-	-	-	-	-	-	371745.54N 1271908.61E	-	RNAV1	FEEDER ROUTE
002	HM	TORIA	-	13.3°/5.3°	20.34	-	+6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM LEG

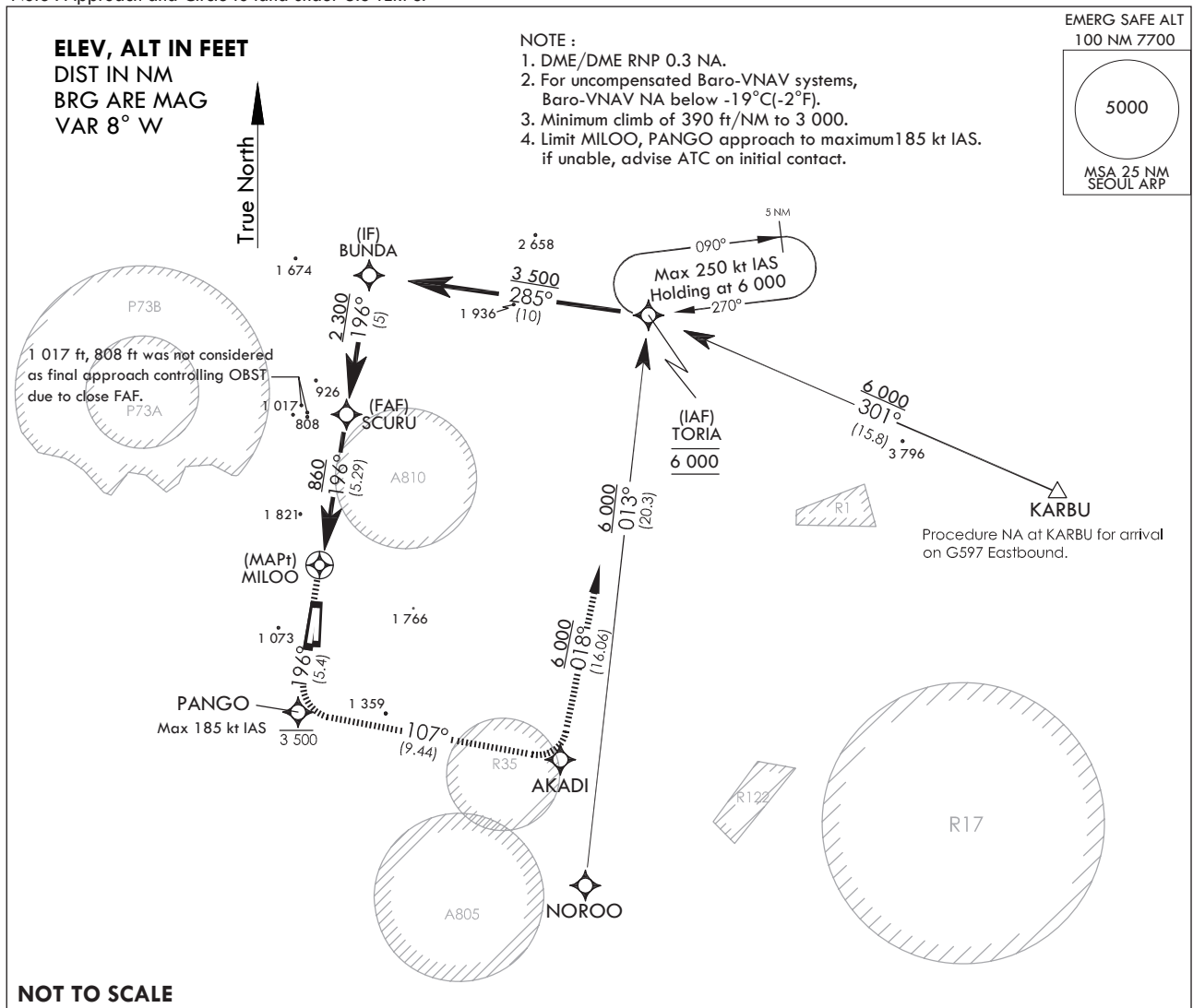
**INSTRUMENT
APPROACH
CHART**

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

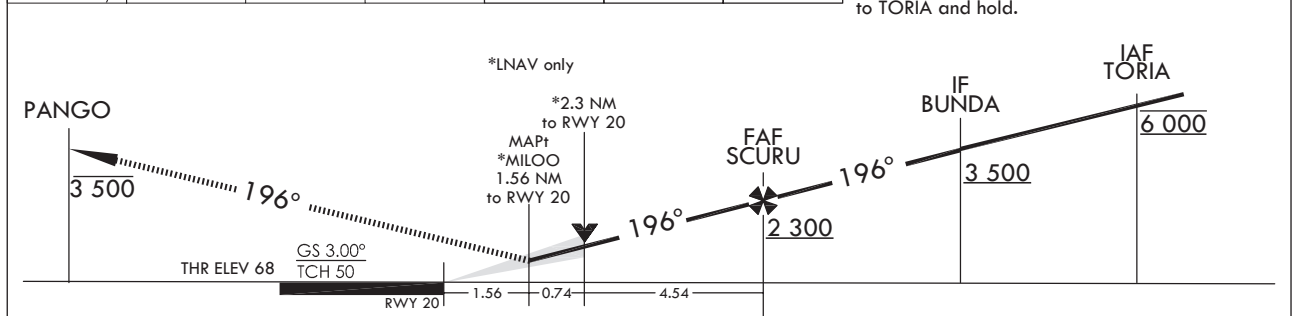
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

**SEOUL/Seoul (RKSM)
RNAV(GNSS) RWY 20**

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



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



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

Change : Information of tower frequency (292.85 → 234.5).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNAV(GNSS) 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	373802.3748N 1272130.6133E	-	RNPAPCH	IAF
002	TF	BUNDA	-	285.1°/277.1°	10	-	+3 500	-250	373916.2513N 1270900.8555E	-	RNPAPCH	IF
003	TF	SCURU	-	196.1°/188.1°	5	-	+2 300	-165	373418.8855N 1270807.7311E	-	RNPAPCH	FAF
004	TF	MILOO	Y	196.1°/188.1°	5.29	-	+860	-165	372904.2951N 1270711.5747E	3.0°/50	RNPAPCH	MAPt
005	TF	PANGO	-	196.1°/188.1°	5.4	-	-3 500	-185	372343.154N 1270614.3668E	-	RNPAPCH	-
006	TF	AKADI	-	107.1°/099.1°	9.44	-	6 000	-250	372213.0036N 1271756.0695E	-	RNPAPCH	-
007	TF	TORIA	-	018.2°/10.2°	16.058	-	+6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	-
008	HM	TORIA	-	270.0°/262.0°	-	R	@6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM 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	-	-	-	-	-	-	373159N 1273952E	-	RNAV1	FEEDER ROUTE
002	HM	TORIA	-	300.6°/292.6°	15.8	-	+6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM 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	-	-	-	-	-	-	371745.54N 1271908.61E	-	RNAV1	FEEDER ROUTE
002	HM	TORIA	-	13.3°/5.3°	20.34	-	+6 000	-250	373802.3748N 1272130.6133E	-	RNPAPCH	HOLDING 5NM LEG

**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

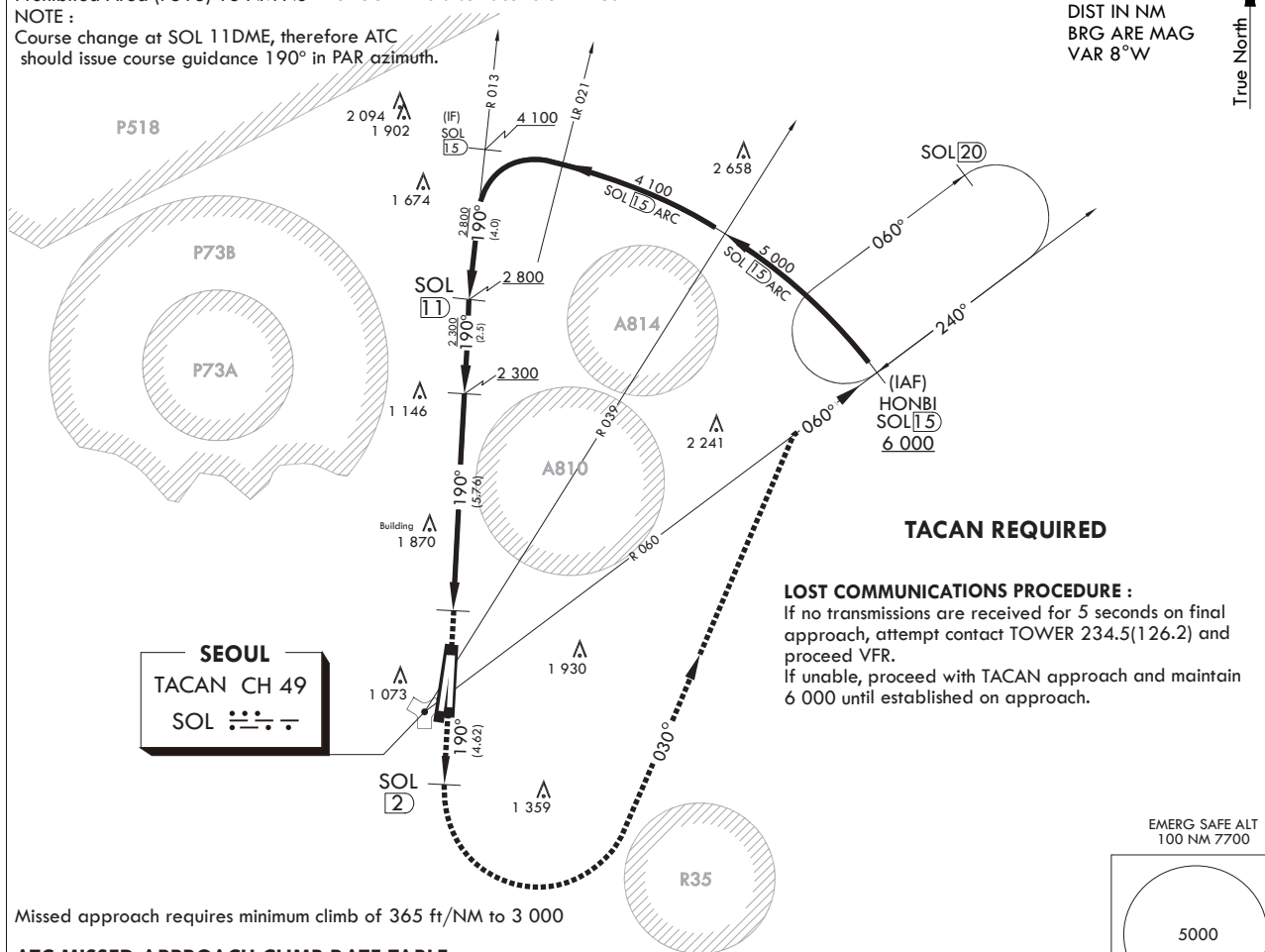
SEOUL/Seoul (RKSM)
PAR Z RWY 19

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

NOTE :
Prohibited Area (P518) 18 NM North of SOL. Avoid surface to unlimited.
NOTE :
Course change at SOL 11DME, therefore ATC
should issue course guidance 190° in PAR azimuth.

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

True North ↑



TACAN REQUIRED

LOST COMMUNICATIONS PROCEDURE :

If no transmissions are received for 5 seconds on final approach, attempt contact TOWER 234.5(126.2) and proceed VFR.
If unable, proceed with TACAN approach and maintain 6 000 until established on approach.

EMERG SAFE ALT
100 NM 7700

5000

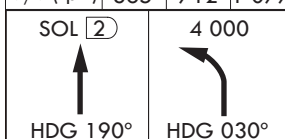
MSA 25 NM
SEOUL TACAN

Missed approach requires minimum climb of 365 ft/NM to 3 000

ATC MISSED APPROACH CLIMB RATE TABLE

KNOTS	60	120	180	240	300	TO
V/V (fpm)	365	712	1 077	1 442	1 807	3 000

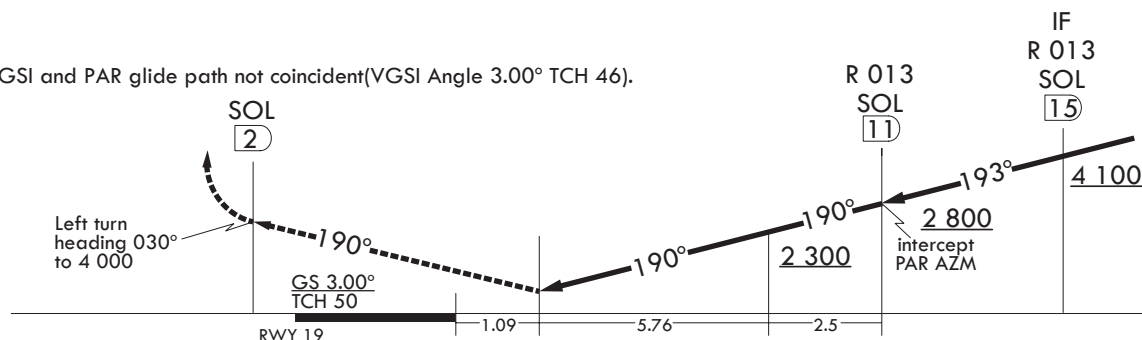
NOT TO SCALE



MISSED APPROACH :

Climb to 4 000 on heading 190° to SOL 2DME
and climbing turn left heading 030° until intercept
R 060 SOL, then climb to 6 000 on R 060 SOL to HONBI and hold.

VGSI and PAR glide path not coincident(VGSI Angle 3.00° TCH 46).



CATEGORY	A	B	C	D	E
S-PAR 19	465-1 3/8 396(400-1 3/8)				

Change : Information of tower frequency (292.85 → 234.5).

INTENTIONALLY

LEFT

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**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

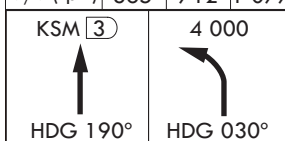
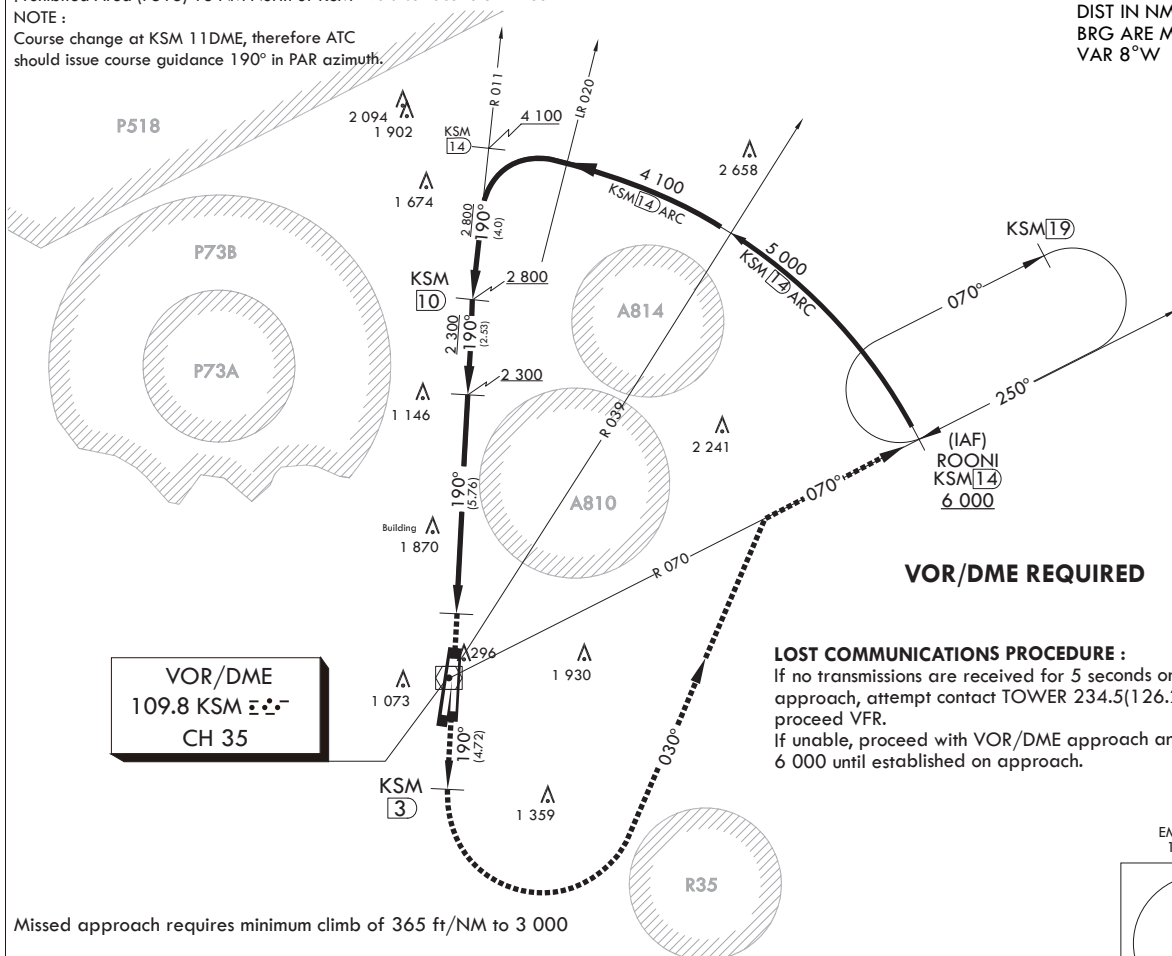
**SEOUL/Seoul (RKSM)
PAR Y RWY 19**

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

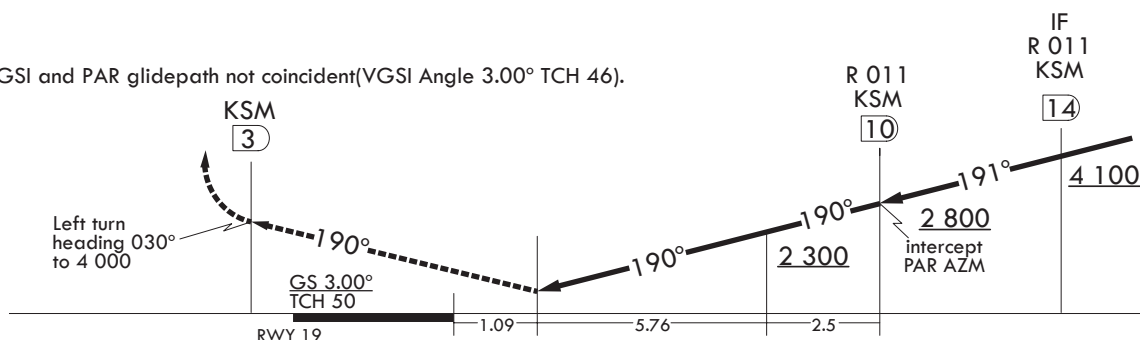
NOTE :
Prohibited Area (P518) 18 NM North of KSM Avoid surface to unlimited.
NOTE :
Course change at KSM 11 DME, therefore ATC
should issue course guidance 190° in PAR azimuth.

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

True North ↑



VGSI and PAR glidepath not coincident(VGSI Angle 3.00° TCH 46).



CATEGORY	A	B	C	D	E
S-PAR 19	465-1 3/8 396(400-1 3/8)				

Change : Information of tower frequency (292.85 → 234.5).

INTENTIONALLY

LEFT

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**INSTRUMENT
APPROACH
CHART**

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

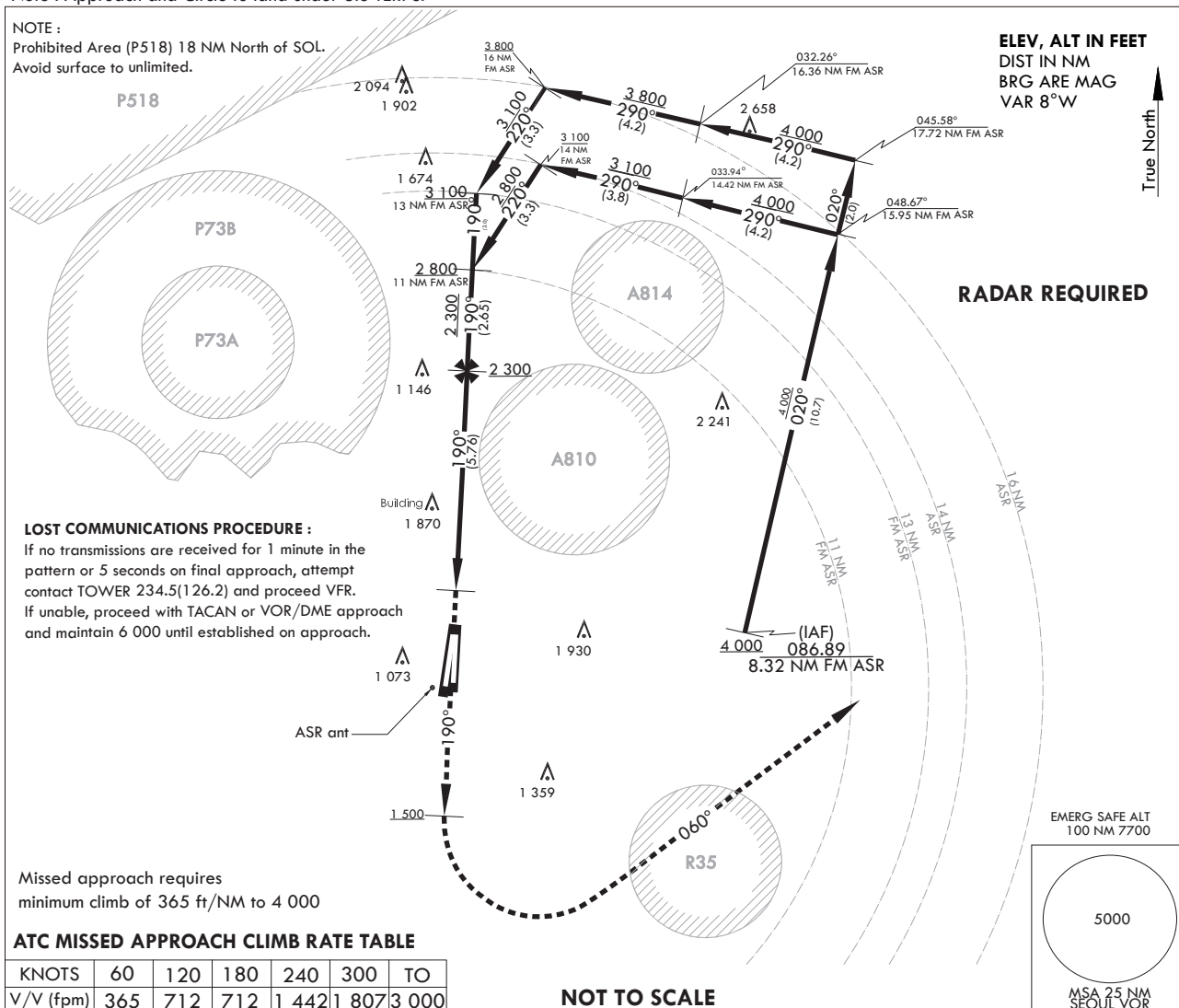
SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

SEOUL/Seoul (RKSM)
PAR X RWY 19

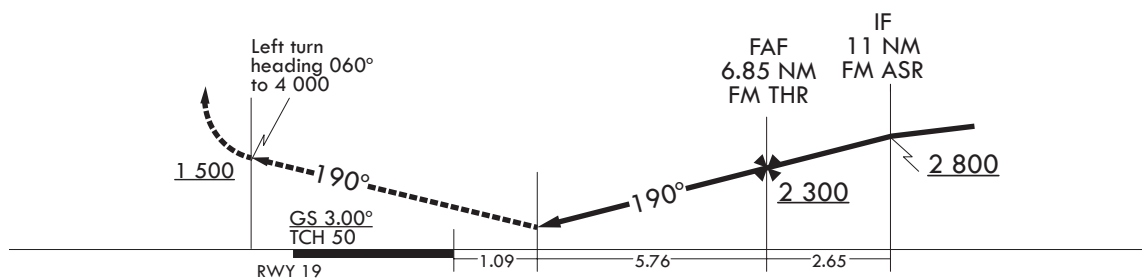
Note : Approach and Circle to land under U.S TERPS.

NOTE :

Prohibited Area (P518) 18 NM North of SOL.
Avoid surface to unlimited.



VGSI and PAR glidepath not coincident(VGSI Angle 3.00° TCH 46).



CATEGORY	A	B	C	D	E
S-PAR 19	465-1 3/8 396(400-1 3/8)				

Change : Information of tower frequency (292.85 → 234.5).

INTENTIONALLY

LEFT

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**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

SEOUL/Seoul (RKSM)
PAR Z RWY 20

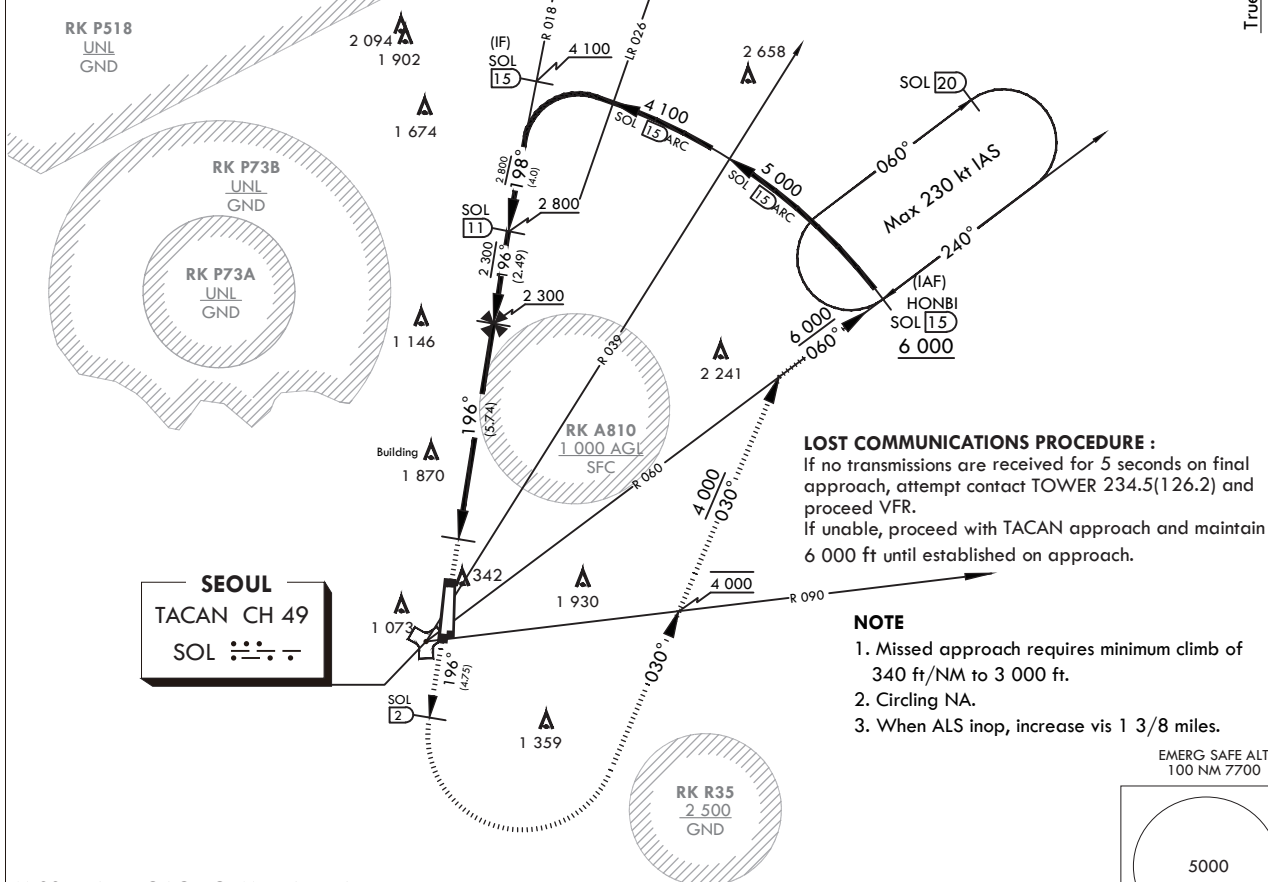
Note : Approach and Circle to land under U.S TERPS.

NOTE :
Prohibited Area (P518) 18 NM North of SOL. Avoid surface to unlimited.
NOTE :
Course change at SOL 11DME, therefore ATC should issue course guidance 196° in PAR azimuth.

TACAN REQUIRED

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

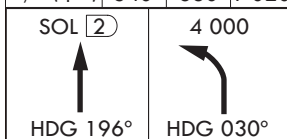
True North ↑



MISSED APPROACH CLIMB RATE TABLE

KNOTS	60	120	180	240	300	TO
V/V (fpm)	340	680	1 020	1 360	1 700	3 000

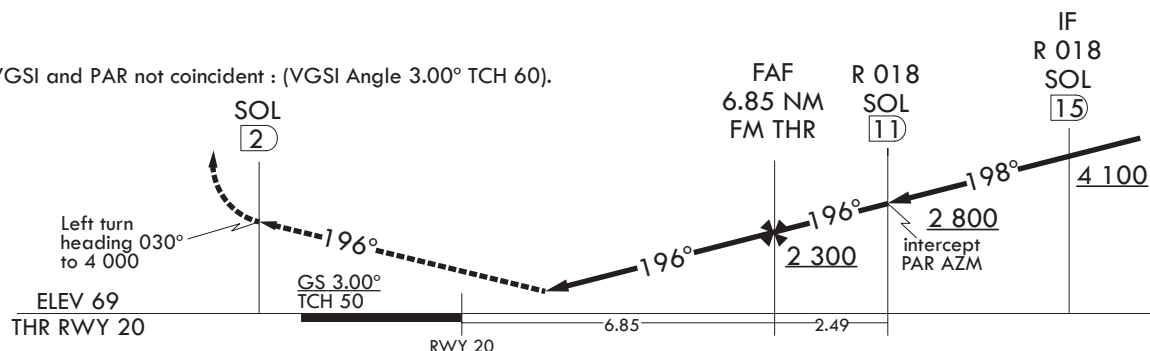
NOT TO SCALE



MISSED APPROACH :

Climb to 4 000 ft on heading 196° to SOL 2DME and climbing turn left heading 030° to cross SOL R 090 at 4 000 ft, then heading 030° to intercept SOL R 060 and climb to 6 000 ft, then R 060 to HONBI and hold.

VGSI and PAR not coincident : (VGSI Angle 3.00° TCH 60).



CATEGORY	A	B	C	D	E
S-PAR 20		473/45	403(400 - 7/8)		

Change : Information of tower frequency (292.85 → 234.5).

INTENTIONALLY

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**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

SEOUL/Seoul (RKSM)
PAR Y RWY 20

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

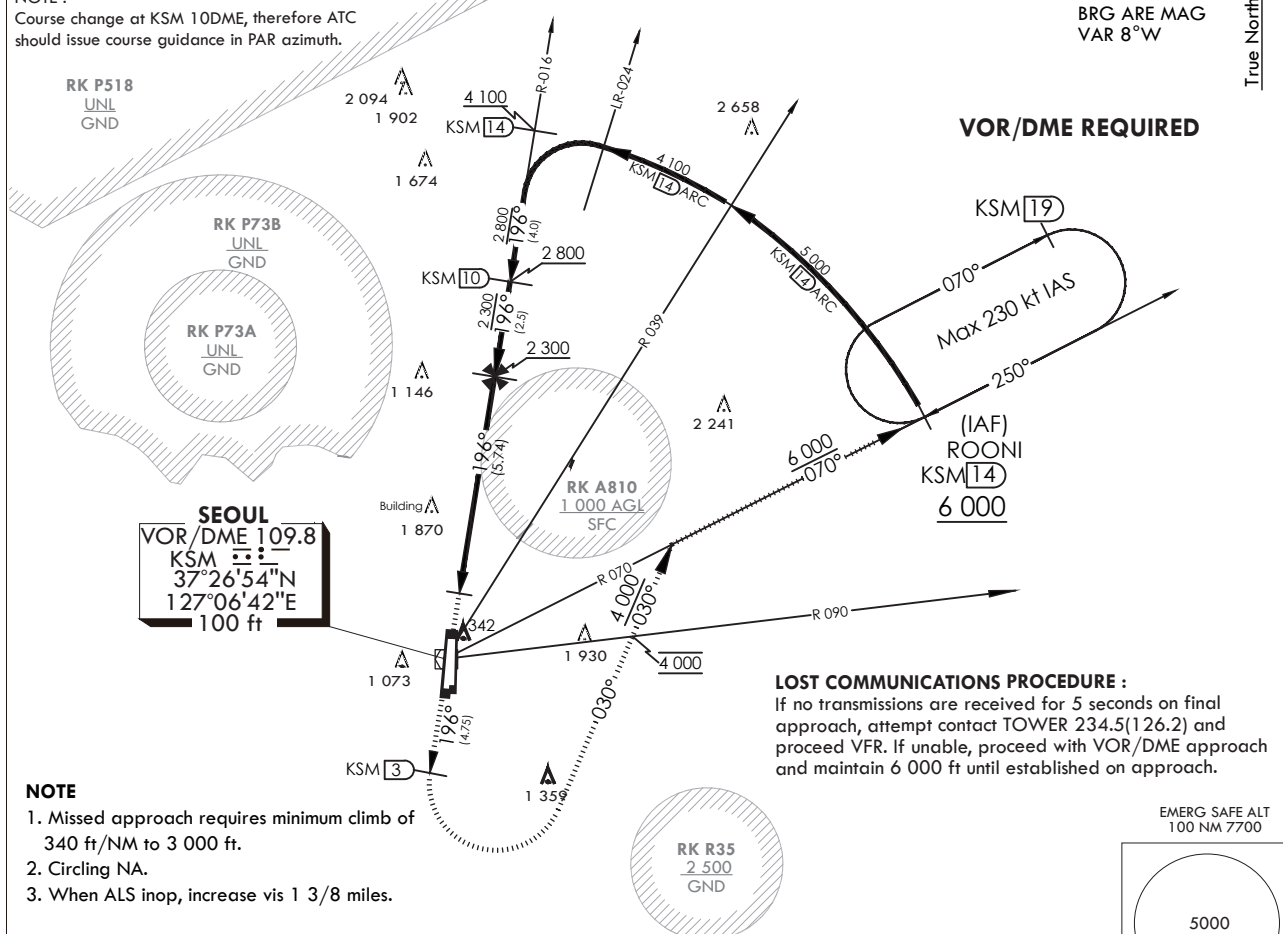
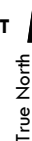
NOTE :

Prohibited Area (P518) 18 NM North of KSM Avoid surface to unlimited.

NOTE :

Course change at KSM 10DME, therefore ATC should issue course guidance in PAR azimuth.

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



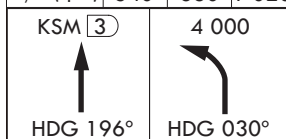
NOTE

1. Missed approach requires minimum climb of 340 ft/NM to 3 000 ft.
2. Circling NA.
3. When ALS inop, increase vis 1 3/8 miles.

MISSED APPROACH CLIMB RATE TABLE

KNOTS	60	120	180	240	300	TO
V/V (fpm)	340	680	1 020	1 360	1 700	3 000

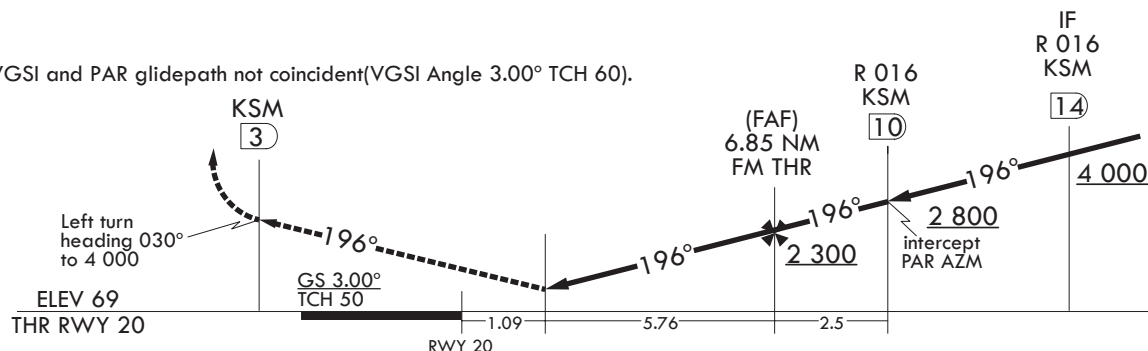
NOT TO SCALE



MISSED APPROACH :

Climb to 4 000 ft on heading 196° to KSM 3DME, then climbing turn left heading 030° to cross KSM R 090 at 4 000 ft, then heading 030° to intercept KSM R 070 and climb to 6 000 ft, then KSM R 070 to ROONI and hold.

VGSI and PAR glidepath not coincident(VGSI Angle 3.00° TCH 60).



CATEGORY	A	B	C	D	E
S-PAR 20		473/45	403(400 - 7/8)		

Change : Information of tower frequency (292.85 → 234.5).

INTENTIONALLY

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INTENTIONALLY

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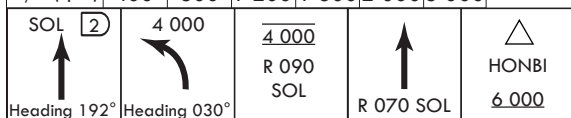
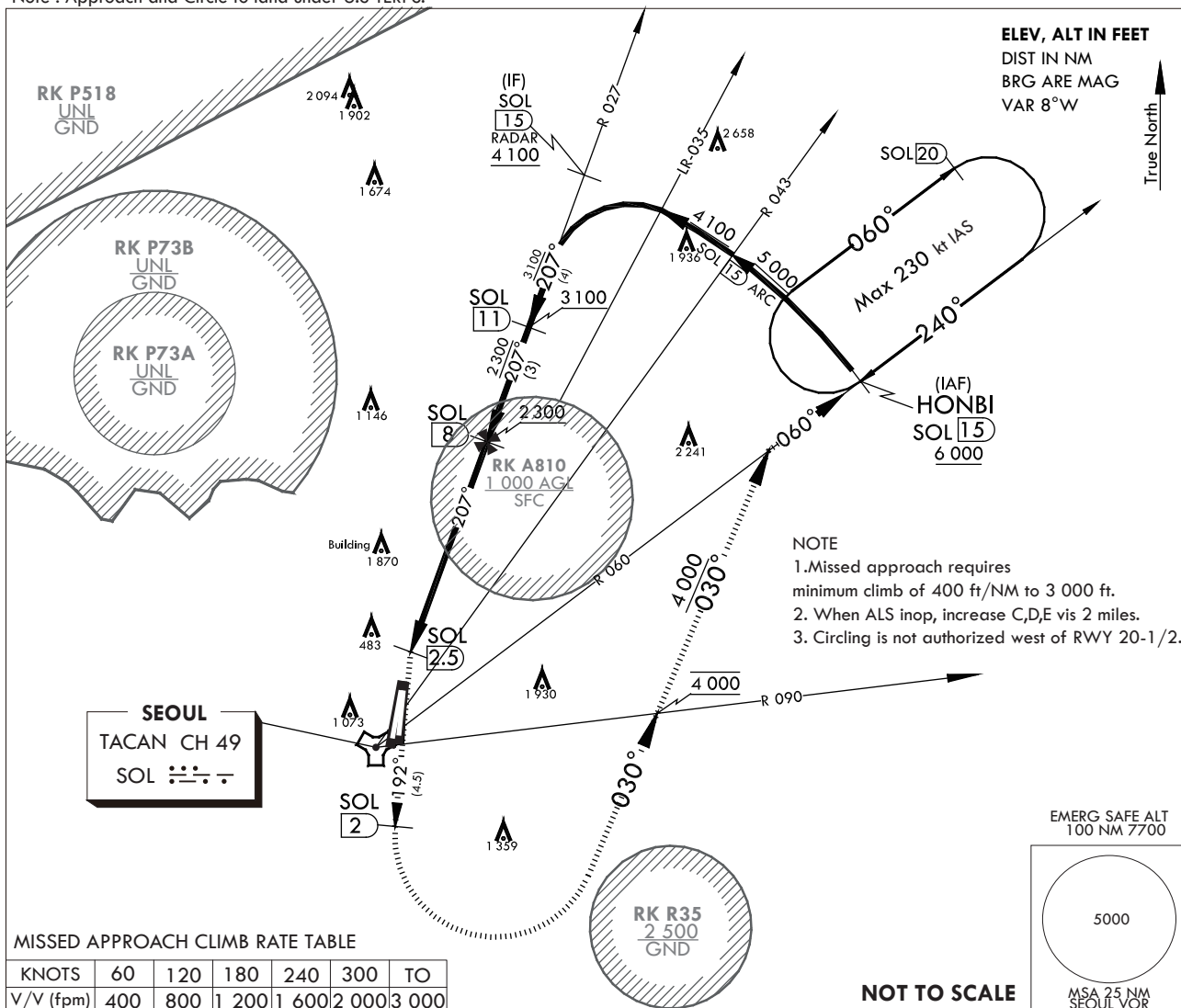
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

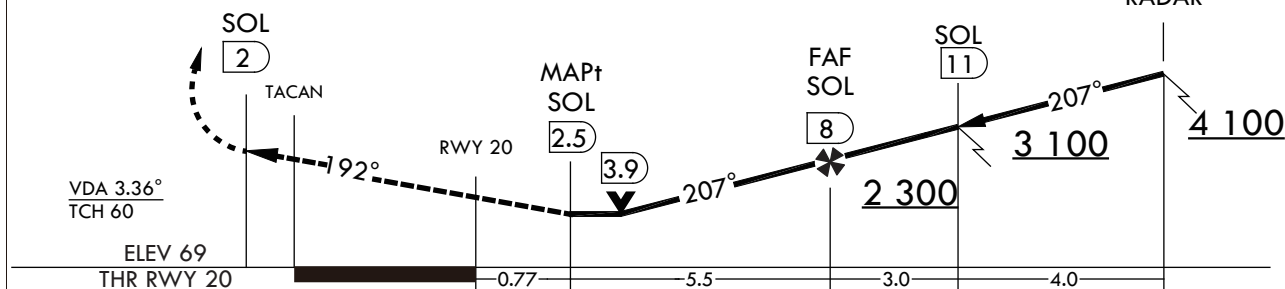
**SEOUL/Seoul (RKSM)
TACAN RWY 20**

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



TRANSITION ALT 14000
TRANSITION LVL FL 140

VGSI and TACAN not coincident : (VGSI Angle 3.00° TCH 60).



CATEGORY	A	B	C	D
S-LOC 20	800/55	730(800-1)	800-1½	730(800-1½)
CIRCLING	1 020/1¼	926(1 000-1¼)	1 560-3 1 466(1 500-3)	2 260-3 2 166(2 200-3)

Change : Information of tower frequency (292.85 → 234.5).

INTENTIONALLY

LEFT

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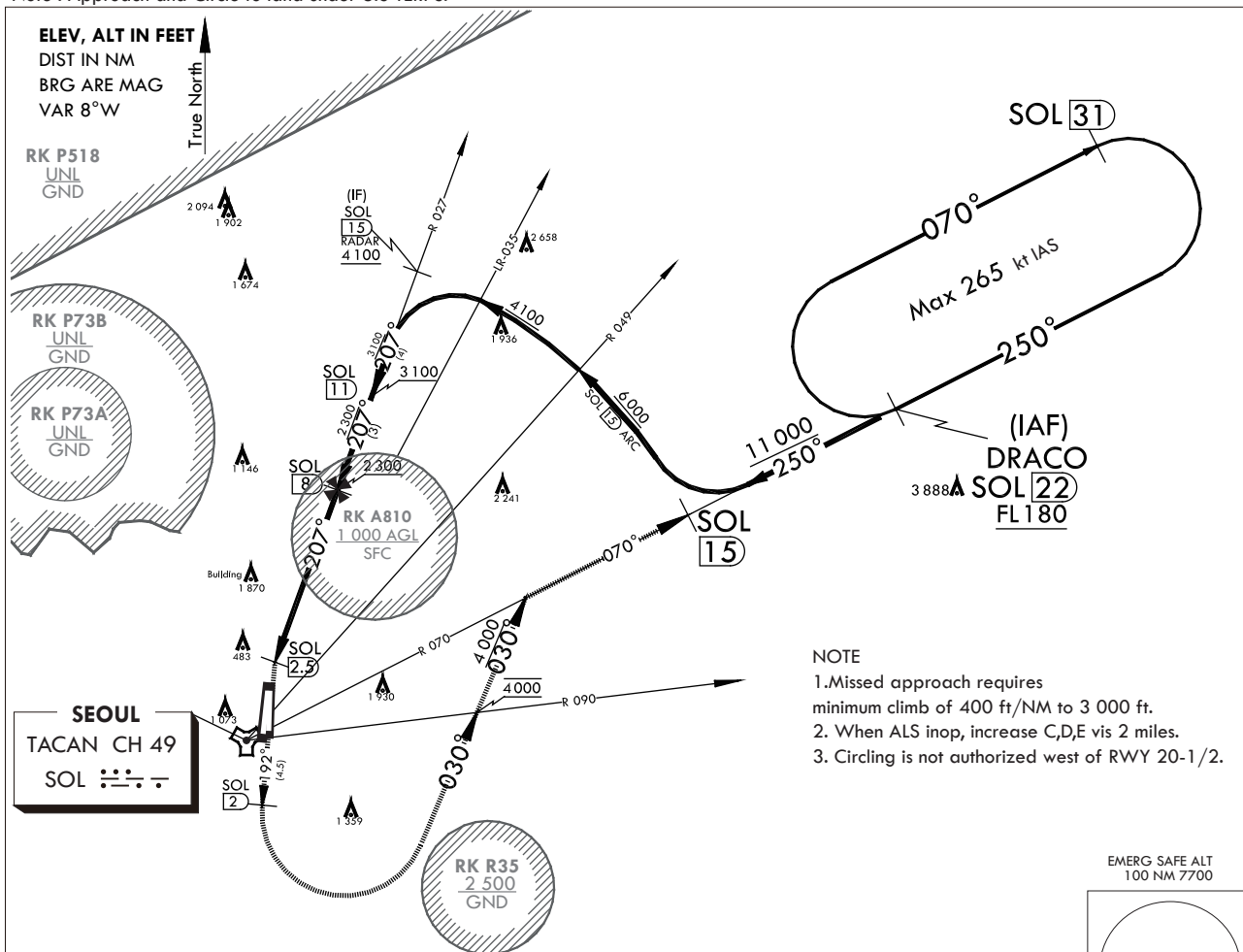
**INSTRUMENT
APPROACH
CHART**

AERODROME ELEV 94 ft
HEIGHTS RELATED TO
THR RWY 20 - ELEV 69 ft
HIGHEST ELEV TDZ 70 ft

SEOUL APP 123.8 363.8
SEOUL TWR 126.2
236.6 234.5

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

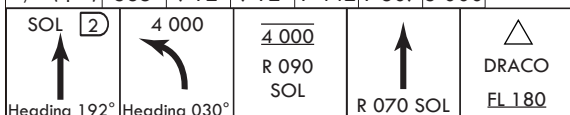
Note : Approach and Circle to land under U.S TERPS.



NOTE
1. Missed approach requires minimum climb of 400 ft/NM to 3 000 ft.
2. When ALS inop, increase C,D,E vis 2 miles.
3. Circling is not authorized west of RWY 20-1/2.

MISSED APPROACH CLIMB RATE TABLE

KNOTS	60	120	180	240	300	TO
V/V (fpm)	365	712	712	1 442	1 807	3 000



TRANSITION ALT 14 000
TRANSITION LVL FL 140

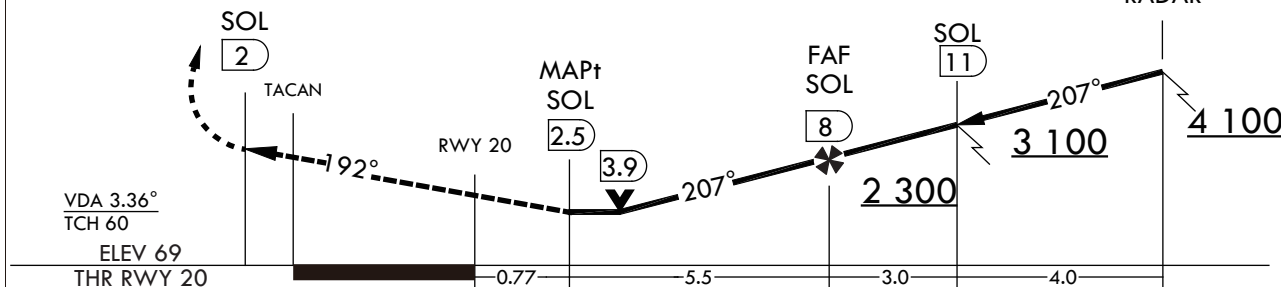
VGSI and TACAN not coincident : (VGSI Angle 3.00° TCH 60).

NOT TO SCALE

MISSED APPROACH :

Climb to 4 000 ft via heading 192° to SOL 2DME then climbing turn left heading 030° to cross R 090 SOL at 4 000 ft, then heading 030° to intercept R 070 SOL and climb to FL 180, then R 070 SOL to DRACO and hold.

IF
R 027
SOL 15
RADAR



CATEGORY	A	B	C	D
S-LOC 20	800-1½ 730(800-1½)			
CIRCLING	1 020/1¼ 926(1 000-1¼)	1 560-3 1 466(1 500-3)	2 260-3 2 166(2 200-3)	

Change : Information of tower frequency (292.85 → 234.5).

INTENTIONALLY

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