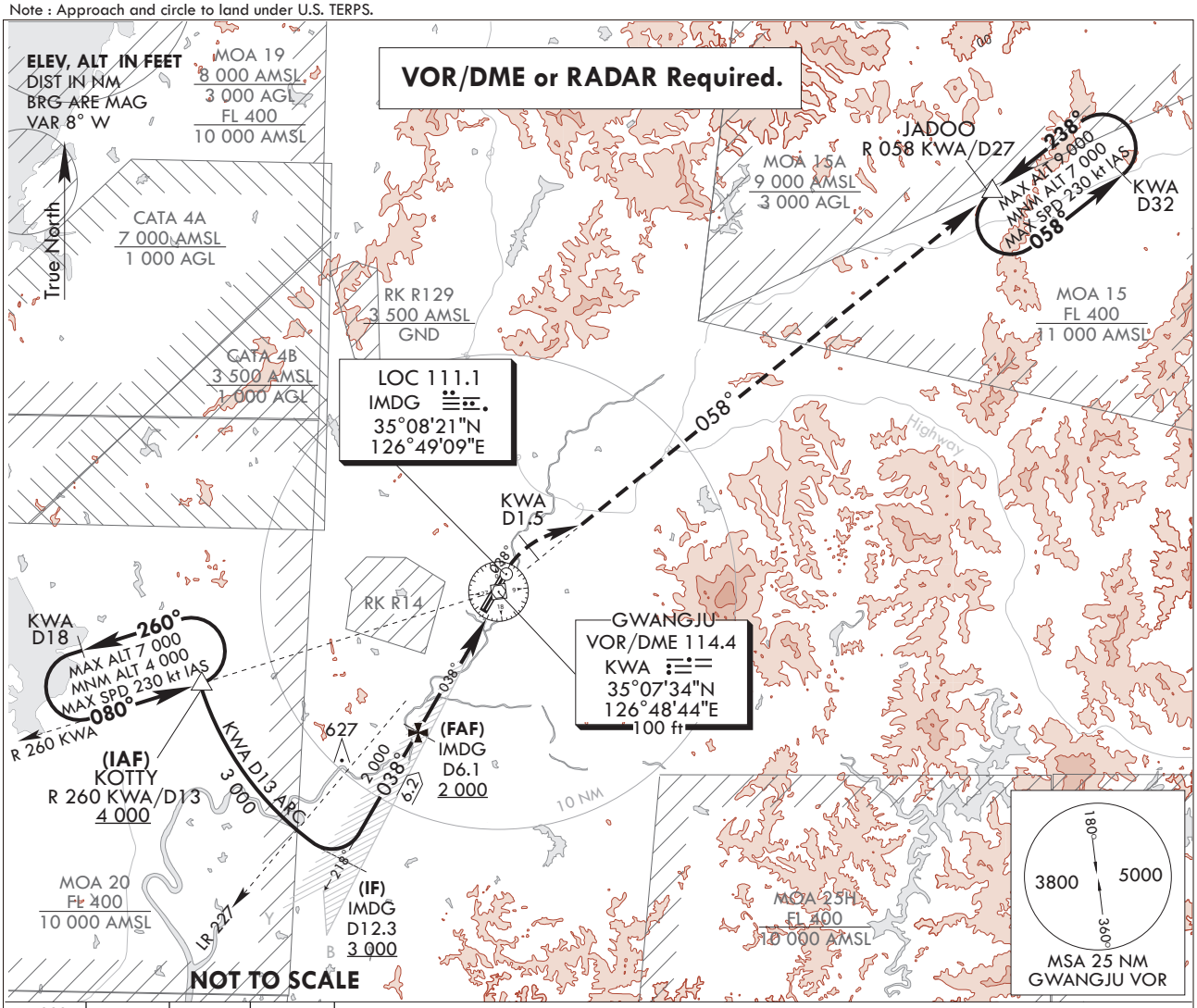
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 04R - ELEV **43** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU	APP	130.0 228.9
GWANGJU	TWR	118.05 254.6

GWANGJU/Gwangju(RKJJ)
ILS/DME RWY 04R

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

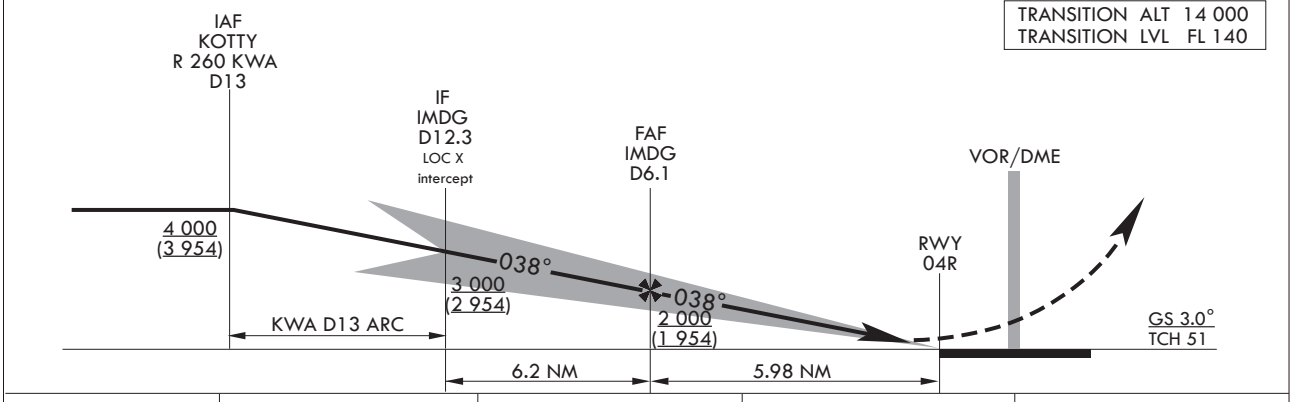


7 000			
HDG 038°	KWA D1.5	R 058 KWA	JADOO KWA D27

Use IMDG DME when on the LOC course.

MISSED APPROACH
Climb to 7 000 ft on HDG 038° to KWA D1.5, and climbing right turn to intercept R 058 KWA and track on R 058 KWA to JADOO and hold, continue climb-in-hold to 7 000 ft.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



CATEGORY	A	B	C	D
S-ILS 04R	246/24 200(200-1/2)			
S-ILS 04R (ALS INOP)	246/40 200(200-3/4)			

* Circling not authorized.

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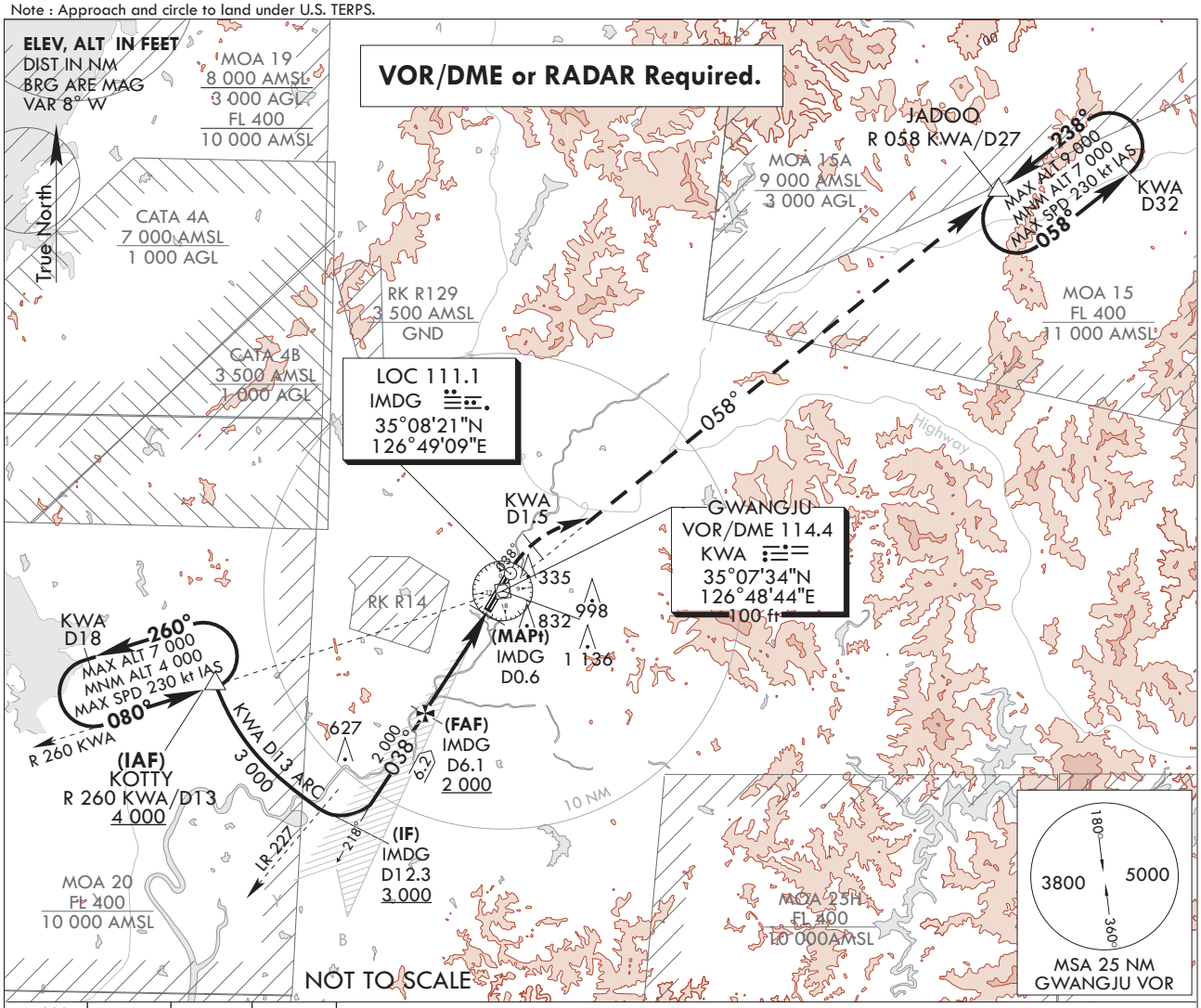
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 04R - ELEV **43** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU	APP	130.0 228.9
GWANGJU	TWR	118.05 254.6

GWANGJU/Gwangju(RKJJ)
LOC/DME RWY 04R

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

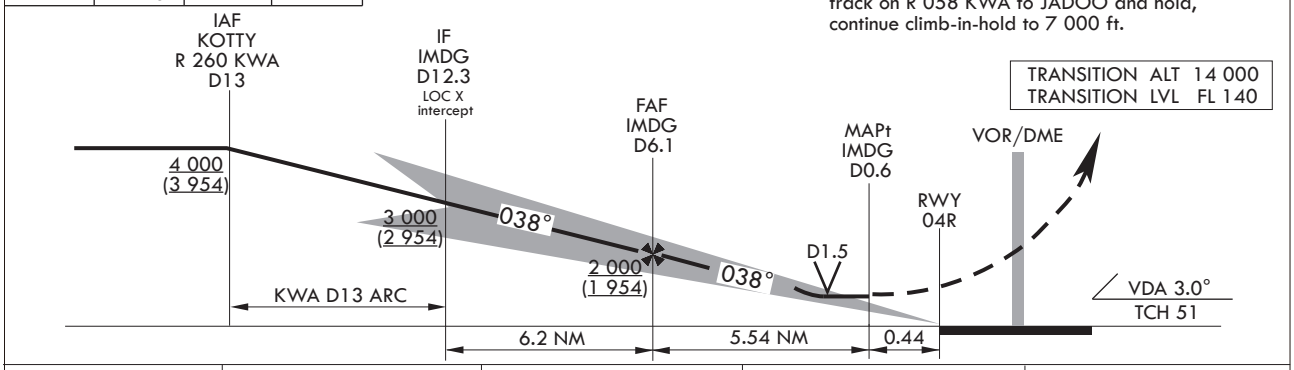


7 000		R 058 KWA	JADOO KWA D27
HDG 038°	KWA D1.5		

Use IMDG DME when on the LOC course.

MISSED APPROACH
Climb to 7 000 ft on HDG 038° to KWA D1.5, and climbing right turn to intercept R 058 KWA and track on R 058 KWA to JADOO and hold, continue climb-in-hold to 7 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY	A	B	C	D
S-LOC 04R	520/40 474(500-3/4)		520/50 474(500-1)	
S-LOC 04R (ALS INOP)	520/55 474(500-1)		520-1 3/8 474(500-1 3/8)	
CIRCLING*	720-1 672(700-1)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

* Circling not authorized for west of RWY 04-22.

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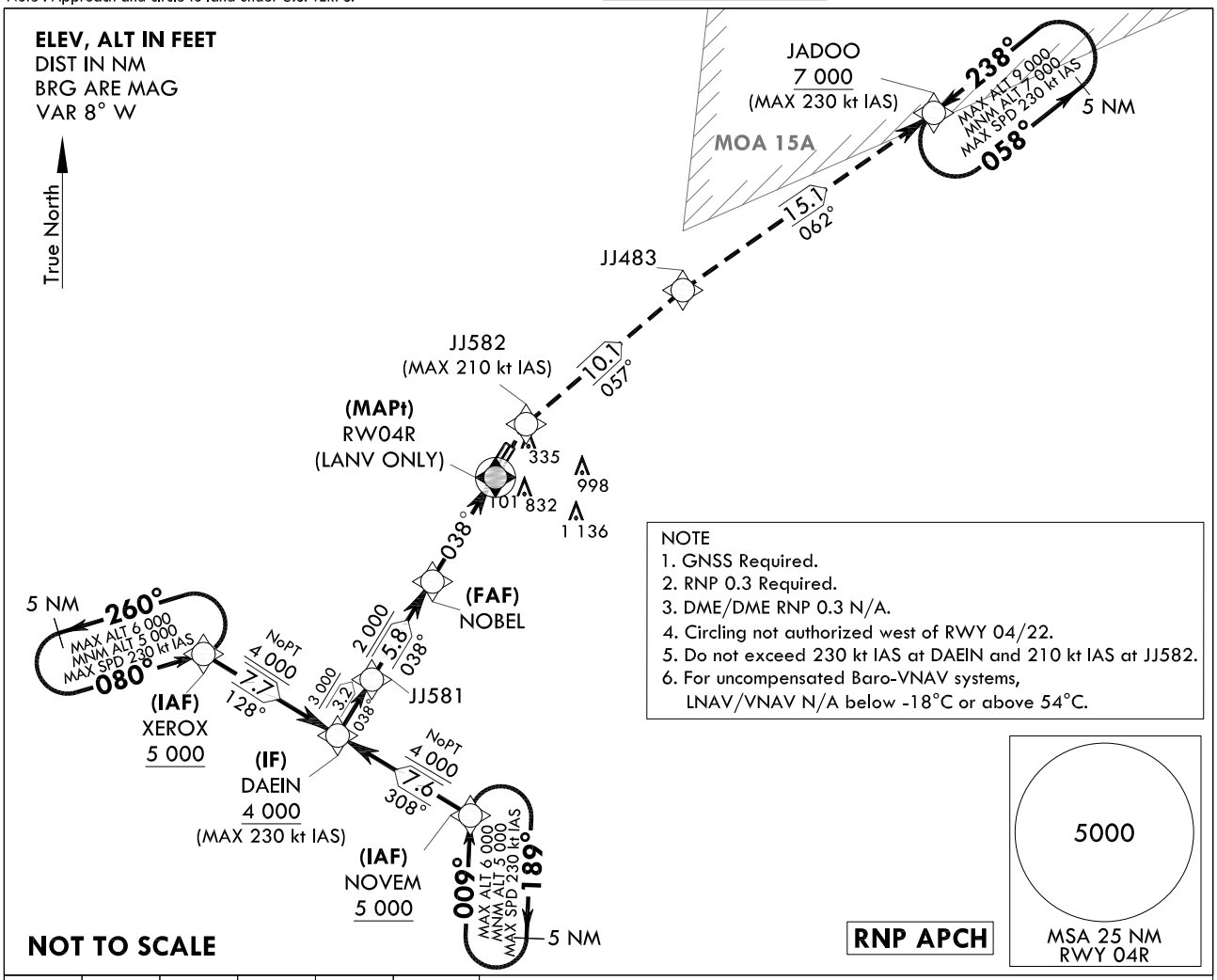
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04R - ELEV **43** ft
HIGHEST ELEV TDZ **46** ft

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

GWANGJU APP	130.0	
	228.9	
GWANGJU TWR	118.05	
	254.6	

GWANGJU/Gwangju(RKJJ)
RNP RWY 04R



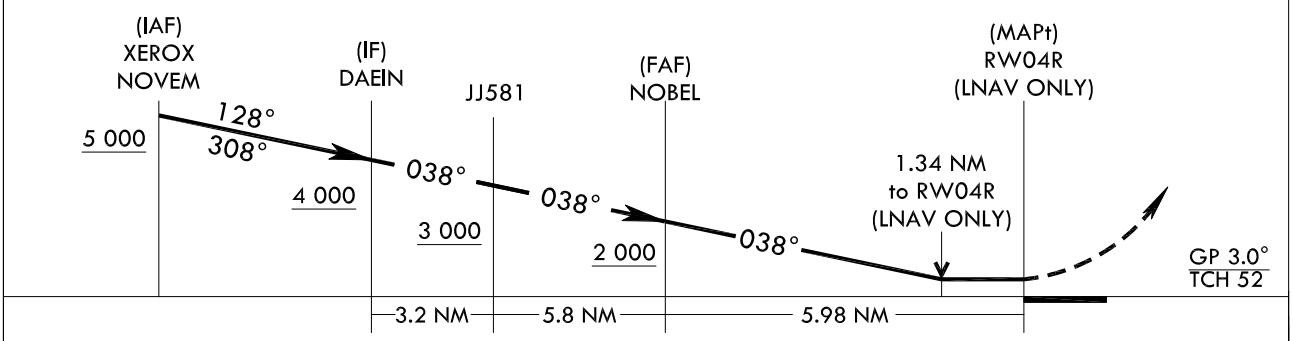
NOTE
1. GNSS Required.
2. RNP 0.3 Required.
3. DME/DME RNP 0.3 N/A.
4. Circling not authorized west of RWY 04/22.
5. Do not exceed 230 kt IAS at DAEIN and 210 kt IAS at JJ582.
6. For uncompensated Baro-VNAV systems, LNAV/VNAV N/A below -18°C or above 54°C.

RNP APCH

7 000	JJ582	TR 057°	JJ483	TR 062°	JADOO 7 000

MISSED APPROACH
Climb to 7 000 ft on direct to JJ582 and track 057° to JJ483 and track 062° to JADOO and hold, continue climb-in-hold to 7 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY		A	B	C	D
LNAV/VNAV DA	ALS	319/24 273(300-1/2)			
	ALS INOP	319/45 273(300-7/8)			
LNAV MDA	ALS	520/55 474(500-1)			
	ALS INOP	520-1 3/8 474(500-1 3/8)			
C CIRCLING		720-1 3/8 672(700-1 3/8)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

Instrument Approach Procedure Coding Tables

RNP RWY 04R - via XEROX to DAEIN(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	XEROX	-	-	-	-	+5 000	-230	34°57'41.4"N 126°30'53.8"E	-	RNP APCH	IAF
002	TF	DAEIN	-	128 (119.8)	7.7	-	+4 000	-230	34°53'51.4"N 126°39'01.7"E	-	RNP APCH	IF NoPT

RNP RWY 04R - via NOVEM to DAEIN(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	NOVEM	-	-	-	-	+5 000	-230	34°50'04.0"N 126°47'02.3"E	-	RNP APCH	IAF
002	TF	DAEIN	-	308 (299.9)	7.6	-	+4 000	-230	34°53'51.4"N 126°39'01.7"E	-	RNP APCH	IF NoPT

RNP RWY 04R - via DAEIN(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	TF	DAEIN	-	-	-	-	+4 000	-230	34°53'51.4"N 126°39'01.7"E	-	RNP APCH	IF
002	TF	JJ581	-	038 (029.8)	3.2	-	+3 000	-	34°56'38.2"N 126°40'57.9"E	-	RNP APCH	-
003	TF	NOBEL	-	038 (029.9)	5.8	-	+2 000	-	35°01'41.5"N 126°44'29.5"E	-3.0/52	RNP APCH	FAF
004	TF	RW04R	Y	038 (029.9)	6.0	-	-	-	35°06'53.1"N 126°48'07.4"E	-	RNP APCH	MAPt LNAV ONLY
005	DF	JJ582	-	-	-	-	-	-210	35°09'21.0"N 126°49'51.1"E	-	RNP APCH	-
006	TF	JJ483	-	057 (048.2)	10.1	-	-	-	35°16'05.6"N 126°59'03.3"E	-	RNP APCH	-
007	TF	JADOO	-	062 (053.6)	15.1	-	+7 000	-230	35°25'02.6"N 127°13'54.1"E	-	RNP APCH	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNP RWY 04R	HM	NOVEM	-	009 (000.6)	5.0	R	-6 000 +5 000	-230	34°50'04.0"N 126°47'02.3"E	-	RNAV 1	-
	HM	XEROX	-	080 (071.6)	5.0	L	-6 000 +5 000	-230	34°57'41.4"N 126°30'53.8"E	-	RNAV 1	-
	HM	JADOO	-	238 (229.6)	5.0	L	-9 000 +7 000	-230	35°25'02.6"N 127°13'54.1"E	-	RNAV 1	-

Change : Establishment of holding procedure.

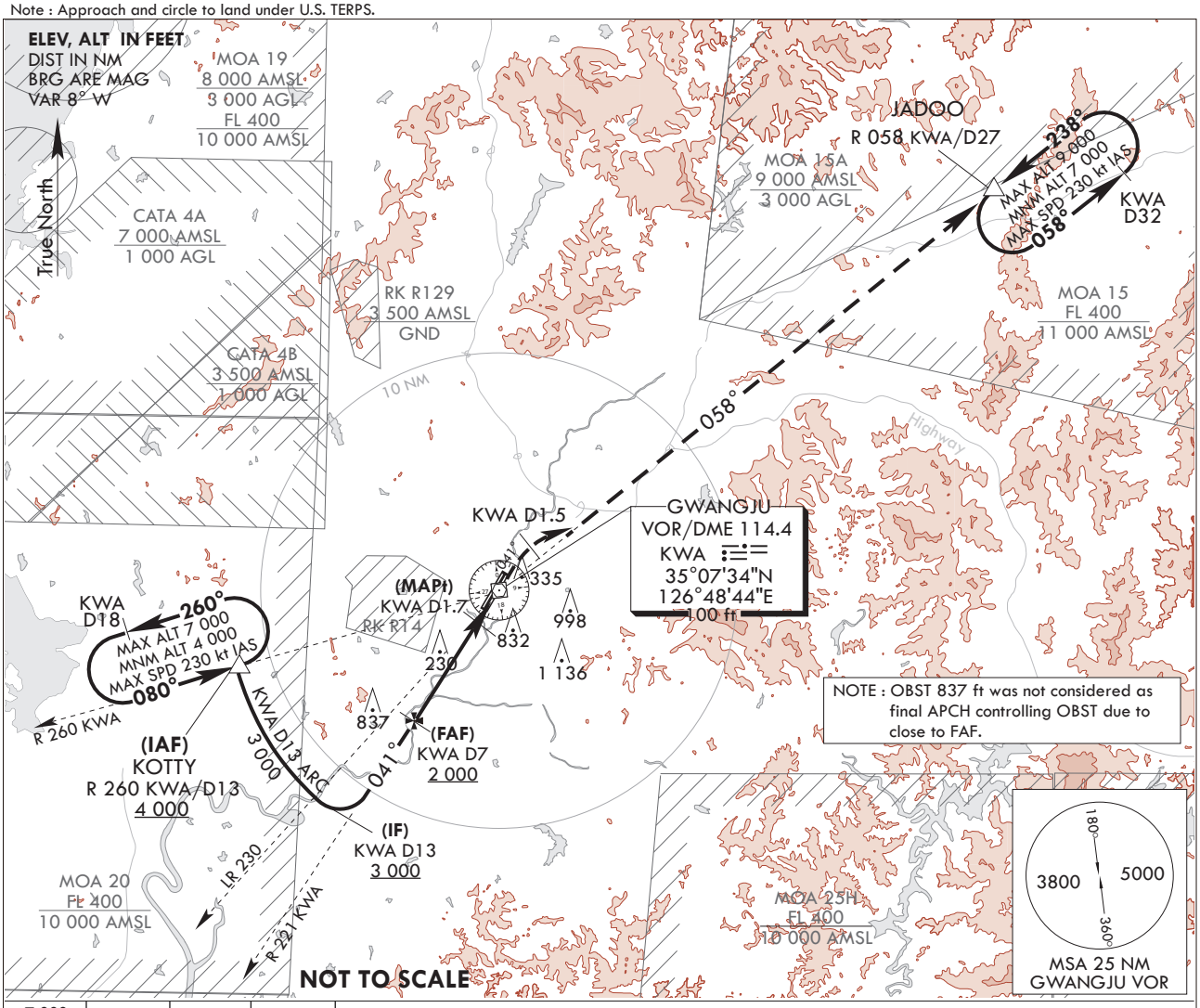
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 04R - ELEV **43** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU	APP	130.0 228.9
GWANGJU	TWR	118.05 254.6

GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 04R

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

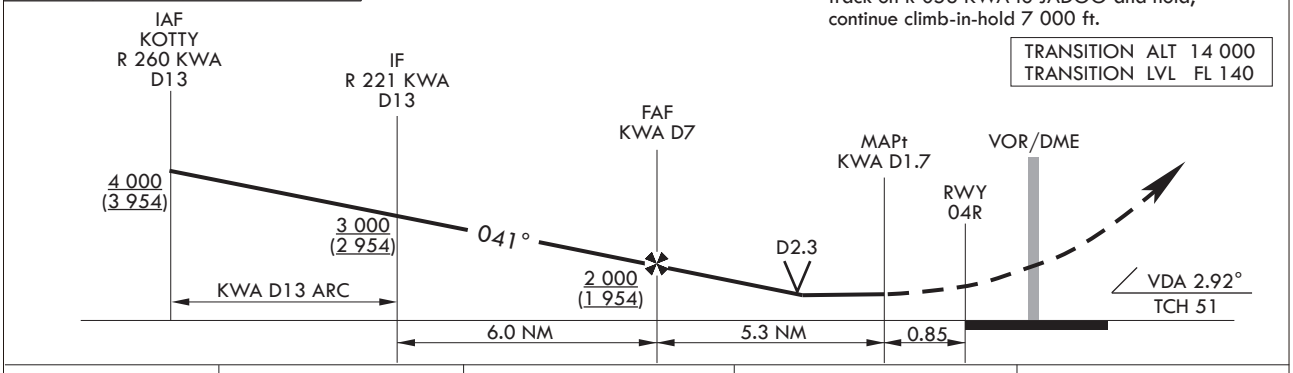


NOTE : OBST 837 ft was not considered as final APCH controlling OBST due to close to FAF.

7 000			
HDG 041°	KWA D1.5	R 058 KWA	JADOO KWA D27

MISSED APPROACH
Climb to 7 000 ft on HDG 041° to KWA D1.5, and climbing right turn to intercept R 058 KWA and track on R 058 KWA to JADOO and hold, continue climb-in-hold 7 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY	A	B	C	D
S-VOR 04R	560/40 514(600-3/4)		560/55 514(600-1)	
S-VOR 04R (ALS INOP)	560/55 514(600-1)		560-1 3/8 514(600-1 3/8)	
CIRCLING*	720-1 672(700-1)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

* Circling not authorized for west of RWY 04-22.

Change : Page control.

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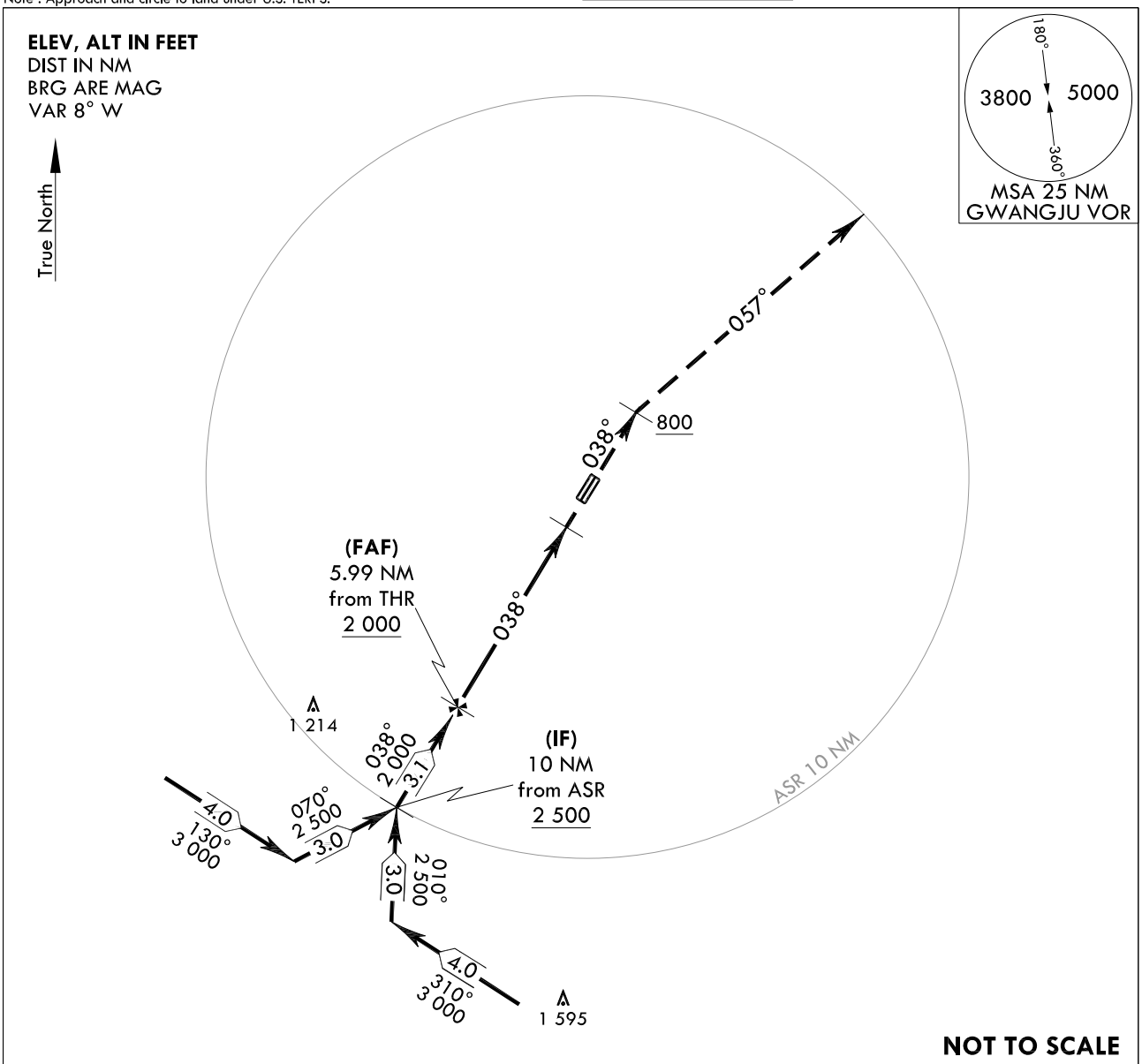
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04R - ELEV **43** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU APP	130.0
	228.9
GWANGJU TWR	118.05
	254.6

GWANGJU/Gwangju(RKJJ)
PAR RWY 04R

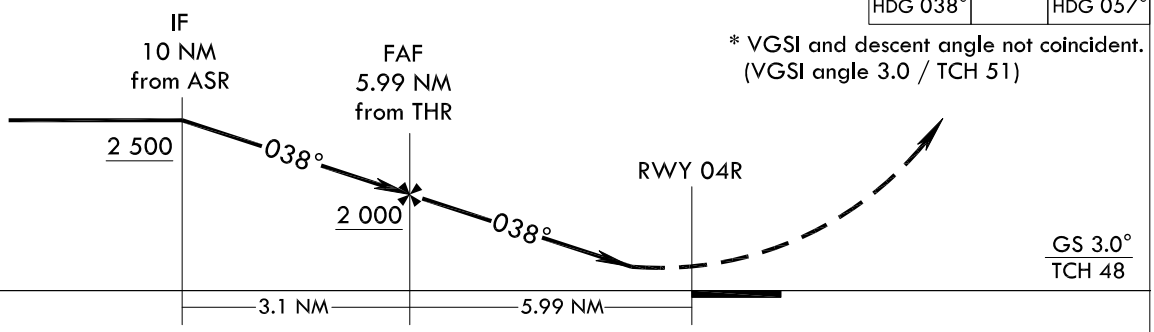
Note : Approach and circle to land under U.S. TERPS.



MISSED APPROACH
Climb HDG 038° to 800 ft, then climbing right turn HDG 057° maintain 5 000 ft and assigned HDG for radar vector.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

800		5 000
HDG 038°		HDG 057°



* VGSI and descent angle not coincident.
(VGSI angle 3.0 / TCH 51)

CATEGORY	A	B	C	D	E
S-PAR 04R			246/24	200(200-1/2)	
S-PAR 04R (ALS INOP)			246/40	200(200-3/4)	

* Circling not authorized.

Change : Page control.

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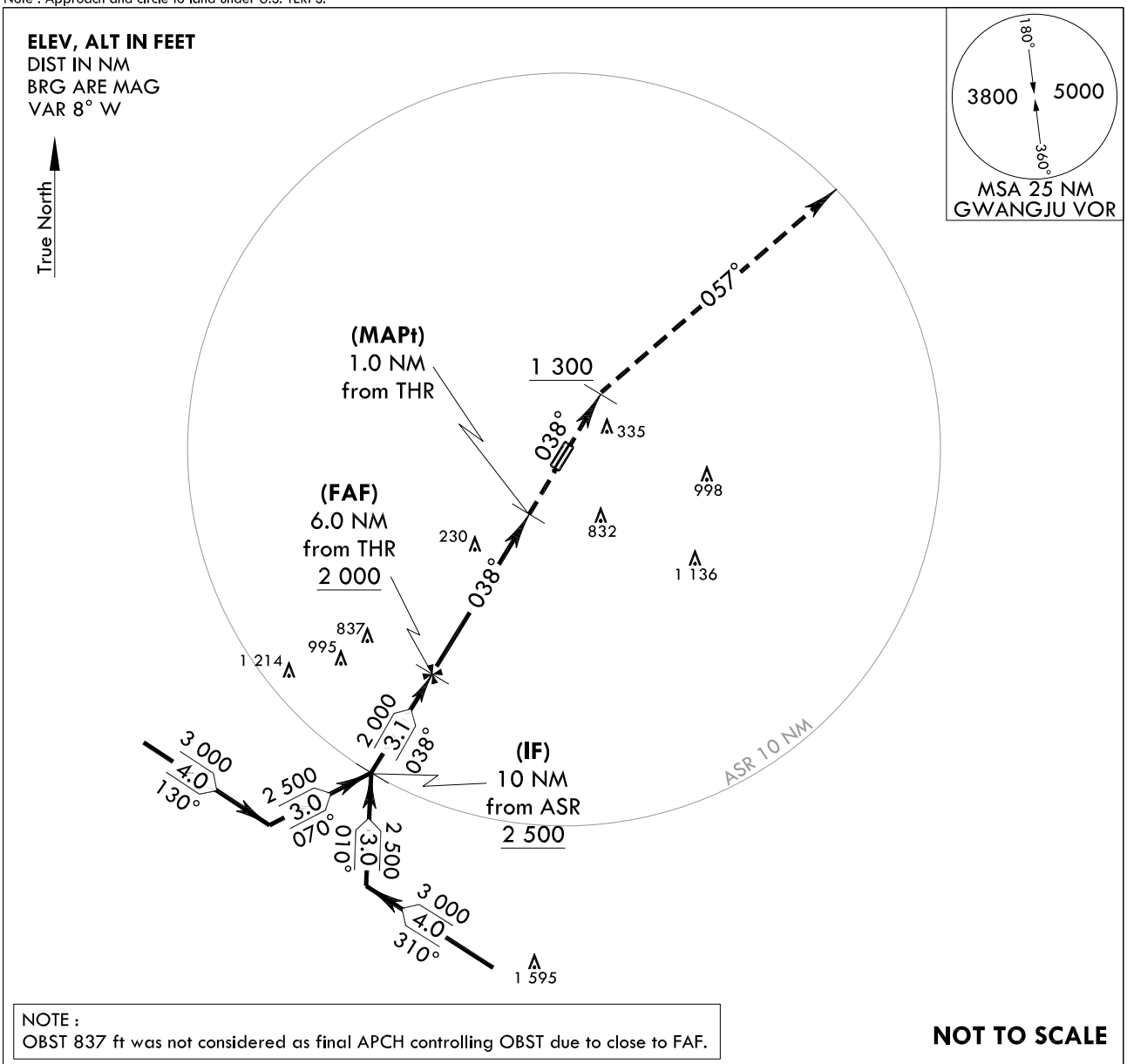
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04R - ELEV **43** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU APP	130.0	
	228.9	
GWANGJU TWR	118.05	
	254.6	

GWANGJU/Gwangju(RKJJ)
ASR RWY 04R

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



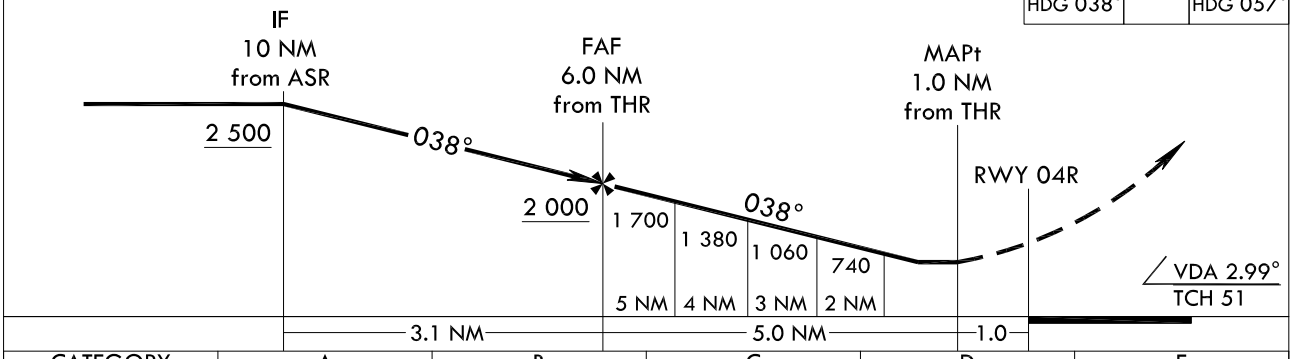
NOTE :
OBST 837 ft was not considered as final APCH controlling OBST due to close to FAF.

NOT TO SCALE

MISSED APPROACH
Climb HDG 038° to 1 300 ft, then climbing right turn HDG 057° maintain 5 000 ft and assigned HDG for radar vector.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

1 300		5 000
HDG 038°		HDG 057°



CATEGORY	A	B	C	D	E
S-ASR 04R	560/40 514(600-3/4)		560/55 514(600-1)		
S-ASR 04R (ALS INOP)	560/60 514(600-1 1/4)		560-1 3/8 514(600-1 3/8)		
CIRCLING*	720-1 1/4 672(700-1 1/4)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)	1 460-3 1 412(1 500-3)

* Circling not authorized for west of RWY 04-22.

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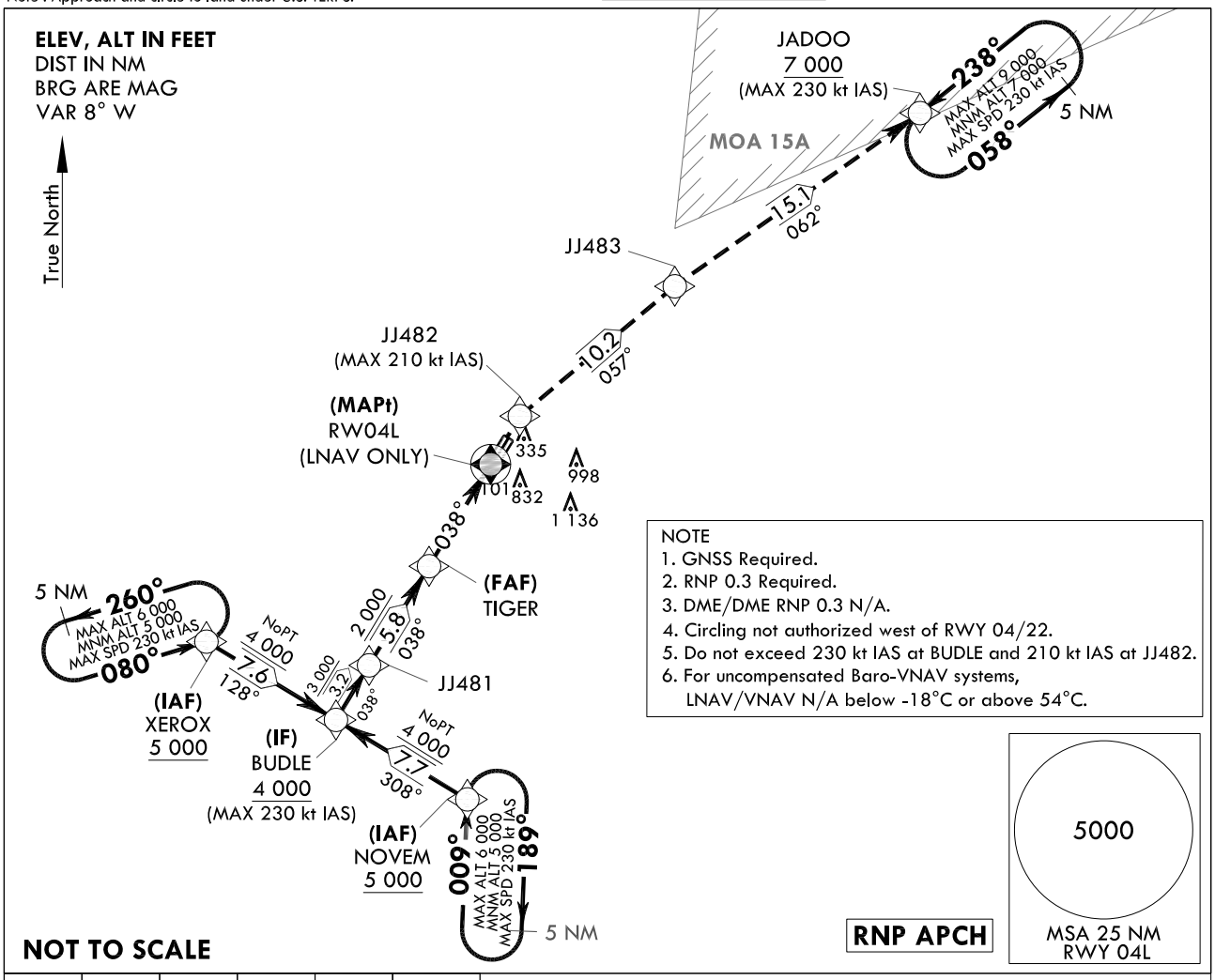
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04L - ELEV **44** ft
HIGHEST ELEV TDZ **46** ft

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

GWANGJU APP	130.0	
	228.9	
GWANGJU TWR	118.05	
	254.6	

GWANGJU/Gwangju(RKJJ)
RNP RWY 04L

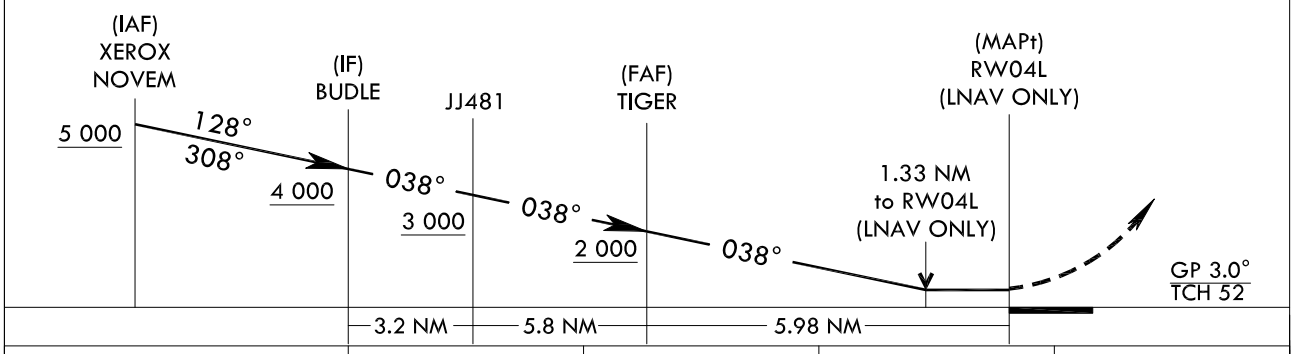


NOTE
1. GNSS Required.
2. RNP 0.3 Required.
3. DME/DME RNP 0.3 N/A.
4. Circling not authorized west of RWY 04/22.
5. Do not exceed 230 kt IAS at BUDLE and 210 kt IAS at JJ482.
6. For uncompensated Baro-VNAV systems, LNAV/VNAV N/A below -18°C or above 54°C.

7 000	JJ482	TR 057°	JJ483	TR 062°	JADOO 7 000

MISSED APPROACH
Climb to 7 000 ft on direct to JJ482 and track 057° to JJ483 and track 062° to JADOO and hold, continue climb-in-hold to 7 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY		A	B	C	D
LNAV/VNAV DA	ALS	319/24 273(300-1/2)			
	ALS INOP	319/45 273(300-7/8)			
LNAV MDA	ALS	520/50 474(500-1)			
	ALS INOP	520-1 3/8 474(500-1 3/8)			
C CIRCLING		720-1 3/8 672(700-1 3/8)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

Instrument Approach Procedure Coding Tables

RNP RWY 04L - via XEROX to BUDLE(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	XEROX	-	-	-	-	+5 000	-230	34°57'41.4"N 126°30'53.8"E	-	RNP APCH	IAF
002	TF	BUDLE	-	128 (119.8)	7.6	-	+4 000	-230	34°53'54.5"N 126°38'55.1"E	-	RNP APCH	IF NoPT

RNP RWY 04L - via NOVEM to BUDLE(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	NOVEM	-	-	-	-	+5 000	-230	34°50'04.0"N 126°47'02.3"E	-	RNP APCH	IAF
002	TF	BUDLE	-	308 (299.9)	7.7	-	+4 000	-230	34°53'54.5"N 126°38'55.1"E	-	RNP APCH	IF NoPT

RNP RWY 04L - via BUDLE(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	TF	BUDLE	-	-	-	-	+4 000	-230	34°53'54.5"N 126°38'55.1"E	-	RNP APCH	IF
002	TF	JJ481	-	038 (029.8)	3.2	-	+3 000	-	34°56'41.3"N 126°40'51.3"E	-	RNP APCH	-
003	TF	TIGER	-	038 (029.9)	5.8	-	+2 000	-	35°01'44.8"N 126°44'23.0"E	-3.0/52	RNP APCH	FAF
004	TF	RW04L	Y	038 (029.9)	6.0	-	-	-	35°06'56.2"N 126°48'00.8"E	-	RNP APCH	MAPt LNAV ONLY
005	DF	JJ482	-	-	-	-	-	-210	35°09'23.8"N 126°49'44.2"E	-	RNP APCH	-
005	TF	JJ483	-	057 (048.7)	10.2	-	-	-	35°16'05.6"N 126°59'03.3"E	-	RNP APCH	-
006	TF	JADOO	-	062 (053.6)	15.1	-	+7 000	-230	35°25'02.6"N 127°13'54.1"E	-	RNP APCH	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNP RWY 04L	HM	NOVEM	-	009 (000.6)	5.0	R	-6 000 +5 000	-230	34°50'04.0"N 126°47'02.3"E	-	RNAV 1	-
	HM	XEROX	-	080 (071.6)	5.0	L	-6 000 +5 000	-230	34°57'41.4"N 126°30'53.8"E	-	RNAV 1	-
	HM	JADOO	-	238 (229.6)	5.0	L	-9 000 +7 000	-230	35°25'02.6"N 127°13'54.1"E	-	RNAV 1	-

Change : Establishment of holding procedure.

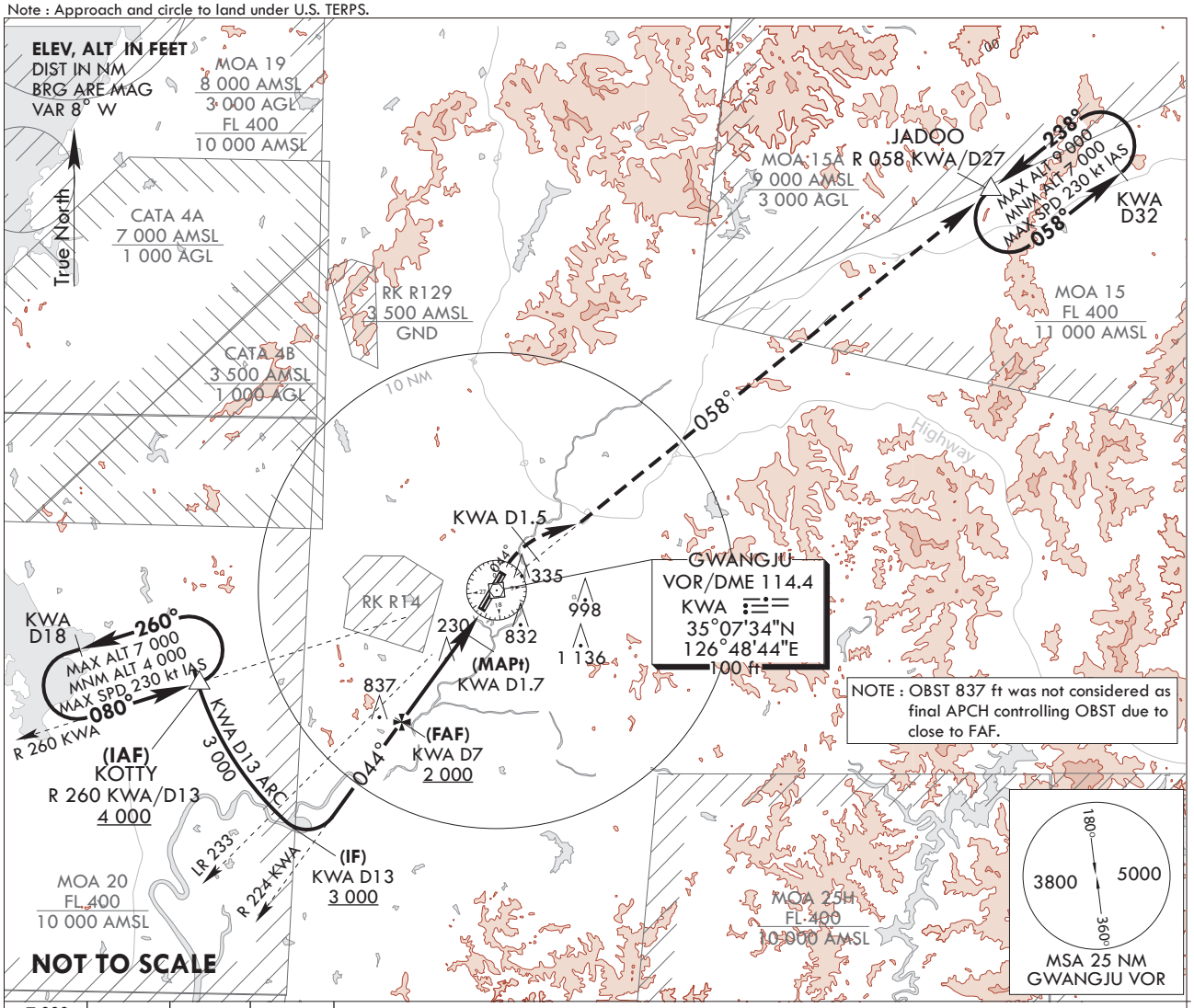
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 04L - ELEV **44** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU	APP	130.0 228.9
GWANGJU	TWR	118.05 254.6

GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 04L

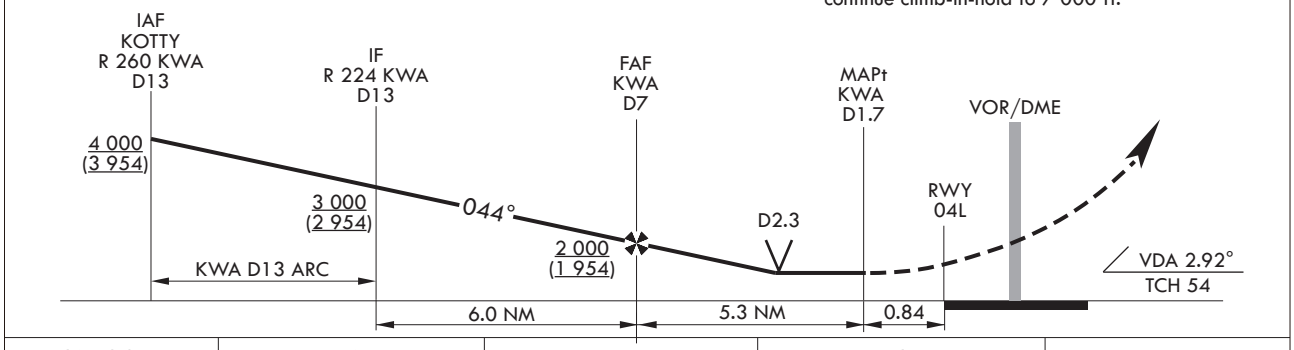
Note : Approach and circle to land under U.S. TERPS.



7 000		R 058 KWA	JADOO KWA D27
HDG 044°	KWA D1.5		

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 7 000 ft on HDG 044° to KWA D1.5, and climbing right turn to intercept R 058 KWA and track on R 058 KWA to JADOO and hold, continue climb-in-hold to 7 000 ft.



CATEGORY	A	B	C	D
S-VOR 04L	560/40 514(600-3/4)		560/55 514(600-1)	
S-VOR 04L (ALS INOP)	560/55 514(600-1)		560-1 3/8 514(600-1 3/8)	
CIRCLING*	720-1 672(700-1)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

*Circling not authorized for west of RWY 04-22.

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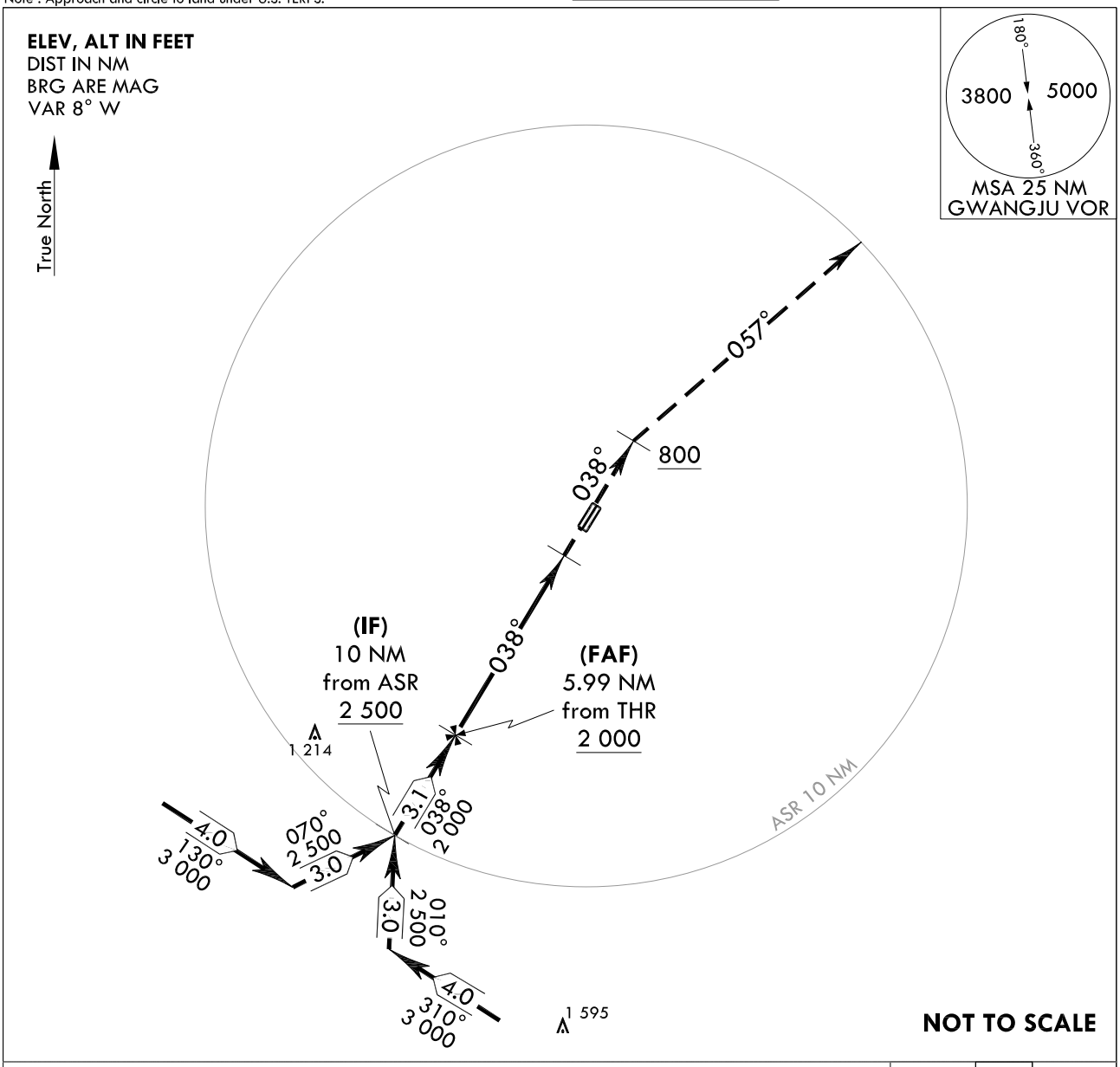
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04L - ELEV **44** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU APP	130.0	
	228.9	
GWANGJU TWR	118.05	
	254.6	

GWANGJU/Gwangju(RKJJ)
PAR RWY 04L

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

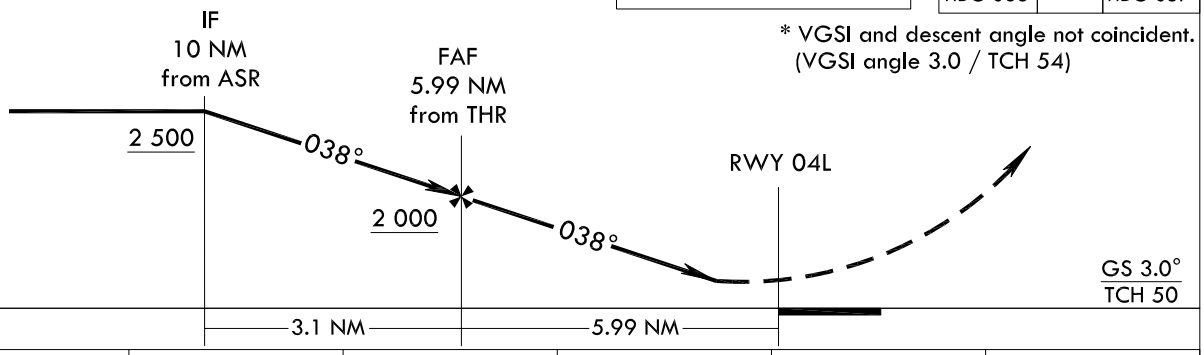


MISSED APPROACH
Climb HDG 038° to 800 ft, then climbing right turn HDG 057° maintain 5 000 ft and assigned HDG for radar vector.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

800		5 000
HDG 038°		HDG 057°

* VGSI and descent angle not coincident.
(VGSI angle 3.0 / TCH 54)



CATEGORY	A	B	C	D	E
S-PAR 04L			246/24	200(200-1/2)	
S-PAR 04L (ALS INOP)			246/40	200(200-3/4)	

* Circling not authorized.

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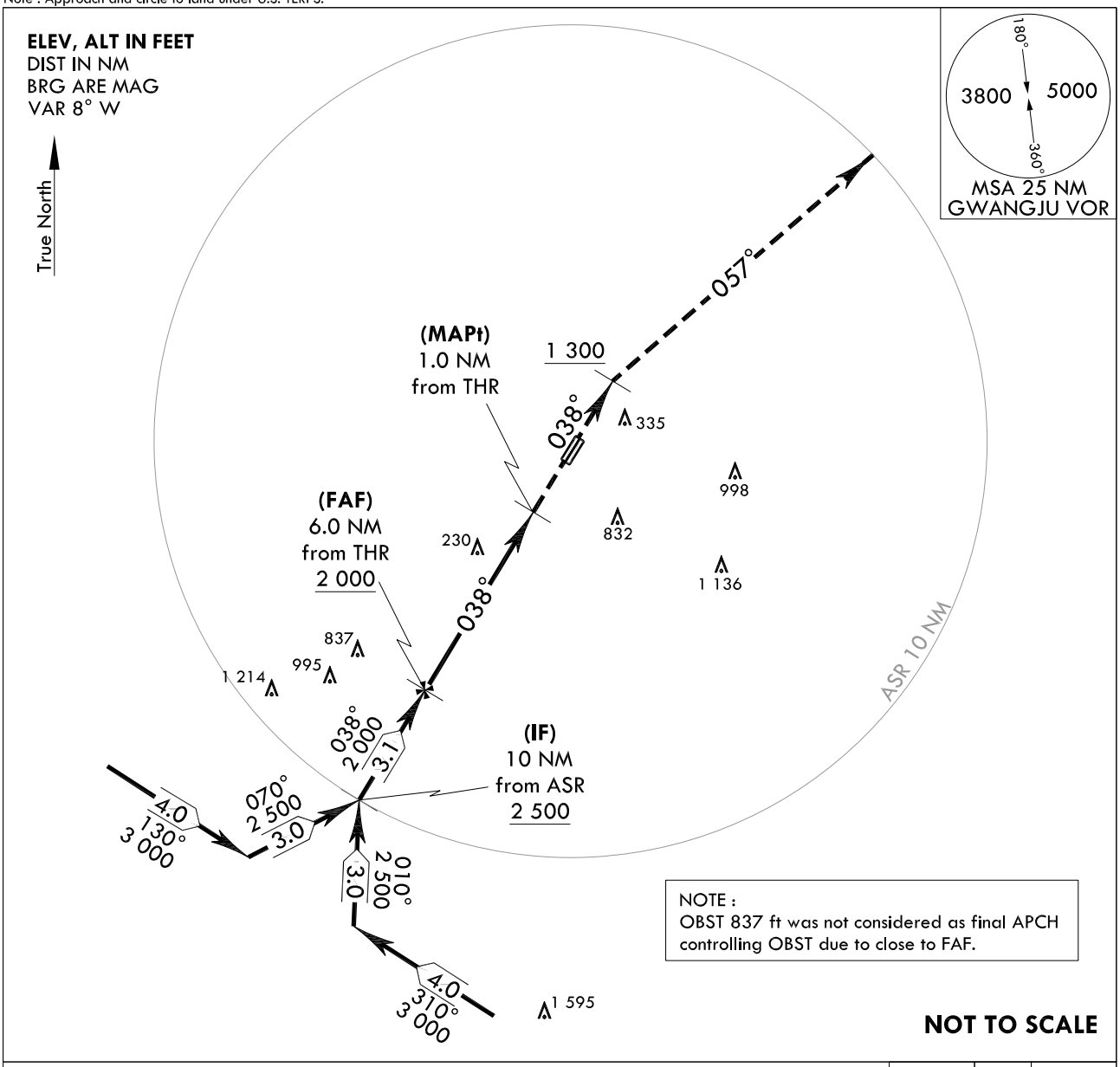
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04L - ELEV **44** ft
HIGHEST ELEV TDZ **46** ft

GWANGJU APP	130.0	
	228.9	
GWANGJU TWR	118.05	
	254.6	

GWANGJU/Gwangju(RKJJ)
ASR RWY 04L

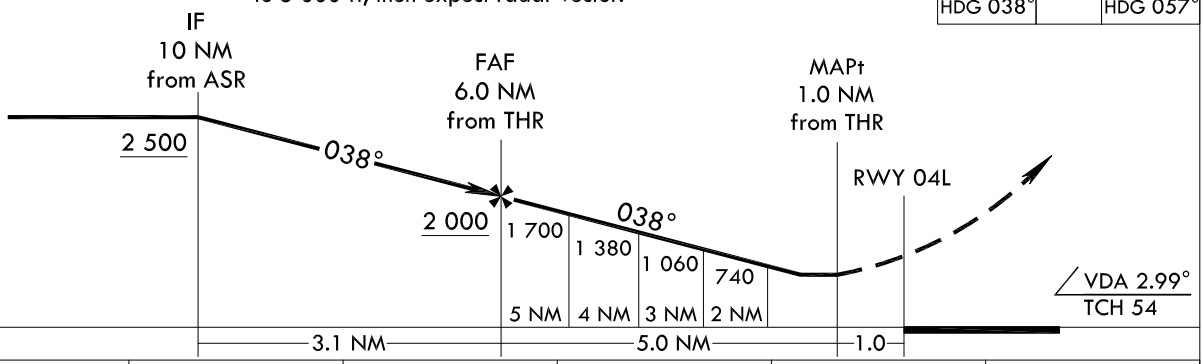
Note : Approach and circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 1 300 ft on HDG 038°, then climbing right turn HDG 057° to 5 000 ft, then expect radar vector.

1 300		5 000
HDG 038°		HDG 057°



CATEGORY	A	B	C	D	E
S-ASR 04L	560/40 514(600-3/4)		560/55 514(600-1)		
S-ASR 04L (ALS INOP)	560/60 514(600-1 1/4)		560-1 3/8 514(600-1 3/8)		
C CIRCLING*	720-1 1/4 672(700-1 1/4)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)	1 460-3 1 412(1 500-3)

* Circling not authorized for west of RWY 04-22.

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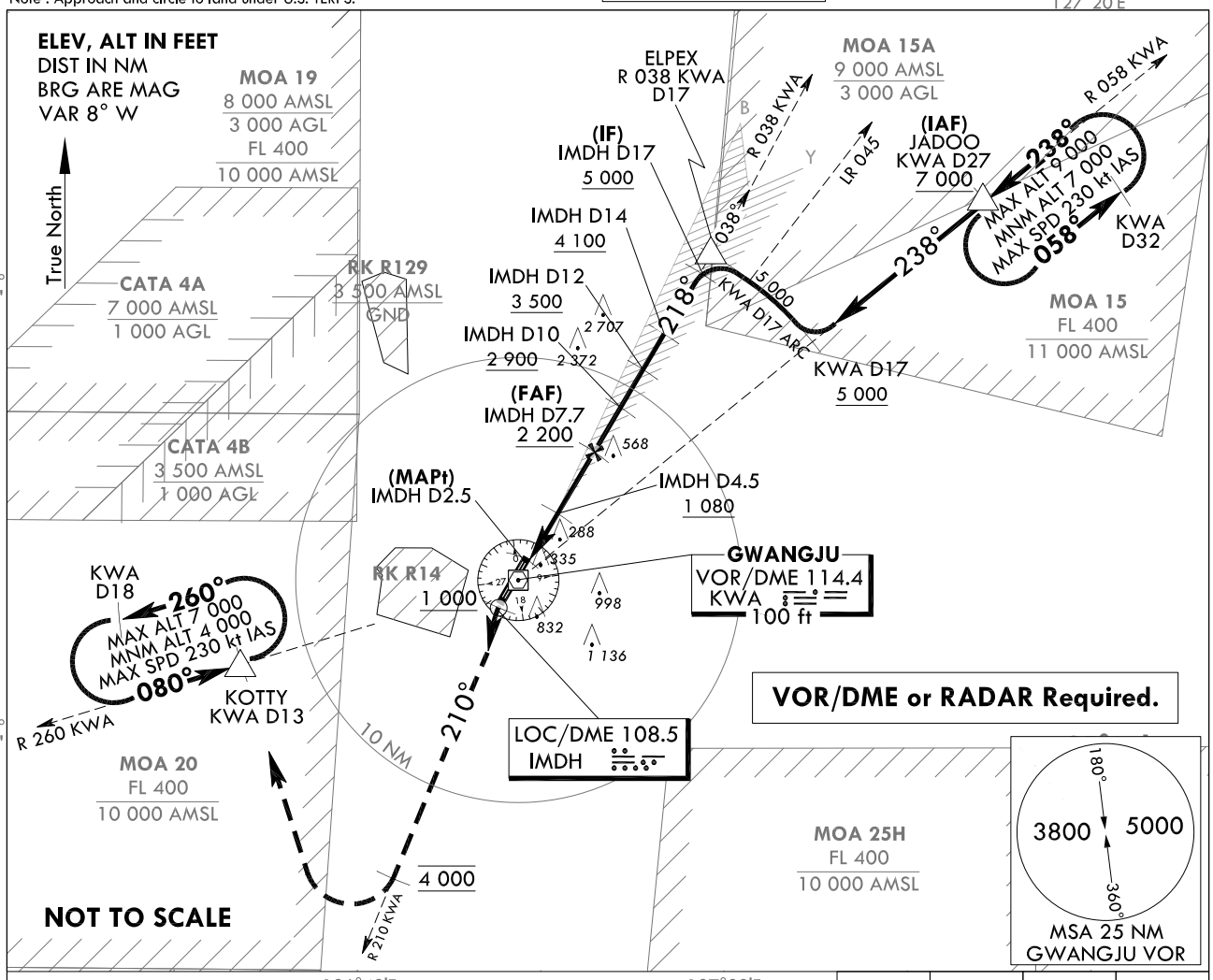
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22L - ELEV **46** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU APP	130.0
	228.9
GWANGJU TWR	118.05
	254.6

GWANGJU/Gwangju(RKJJ)
LOC/DME RWY 22L

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



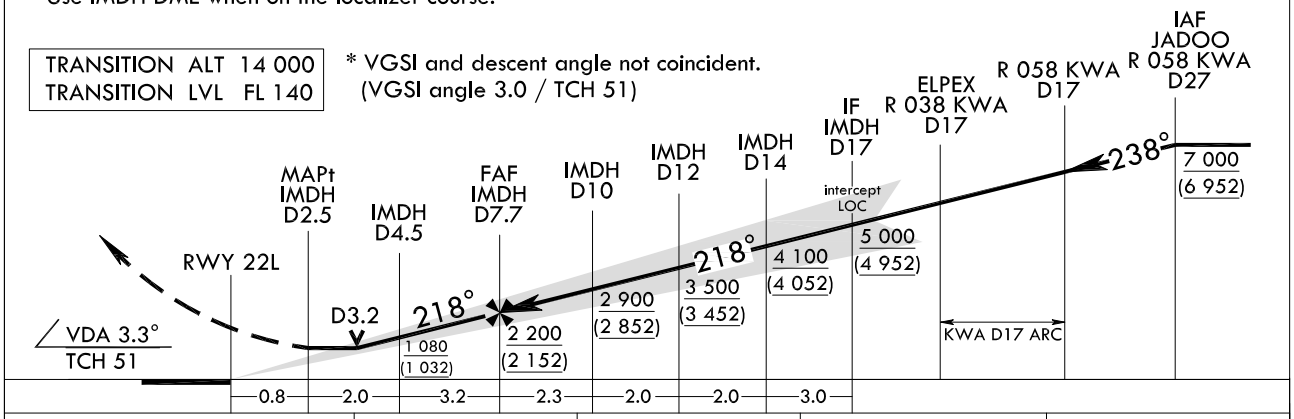
MISSED APPROACH
Climb to 1 000 ft on HDG 218°, then climbing left turn HDG 210° to 4 000 ft, then right turn direct to KOTTY and hold.

1 000	4 000		KOTTY KWA D13
HDG 218°	HDG 210°		

* Use IMDH DME when on the localizer course.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

* VGSI and descent angle not coincident.
(VGSI angle 3.0 / TCH 51)



CATEGORY	A	B	C	D
S-LOC 22L	560/40 512(600-3/4)		560-1 1/4 512(600-1 1/4)	
S-LOC 22L (ALS INOP)	560/55 512(600-1)		560-1 3/8 512(600-1 3/8)	
CIRCLING*	720-1 672(700-1)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

* Circling not authorized for west of RWY 22-04.

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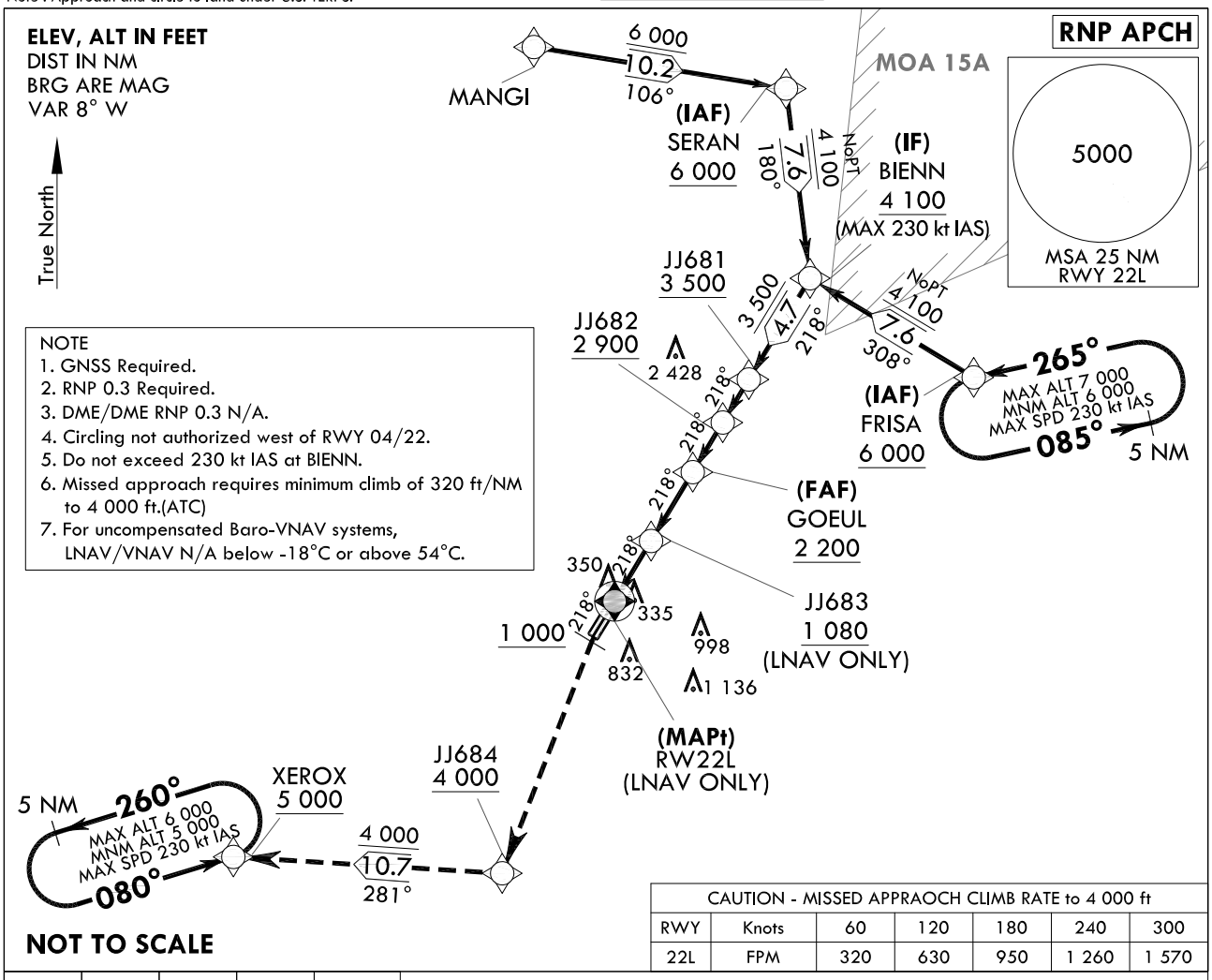
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22L - ELEV **46** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU APP	130.0
	228.9
GWANGJU TWR	118.05
	254.6

GWANGJU/Gwangju(RKJJ)
RNP RWY 22L

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



NOTE
1. GNSS Required.
2. RNP 0.3 Required.
3. DME/DME RNP 0.3 N/A.
4. Circling not authorized west of RWY 04/22.
5. Do not exceed 230 kt IAS at BIENN.
6. Missed approach requires minimum climb of 320 ft/NM to 4 000 ft.(ATC)
7. For uncompensated Baro-VNAV systems, LNAV/VNAV N/A below -18°C or above 54°C.

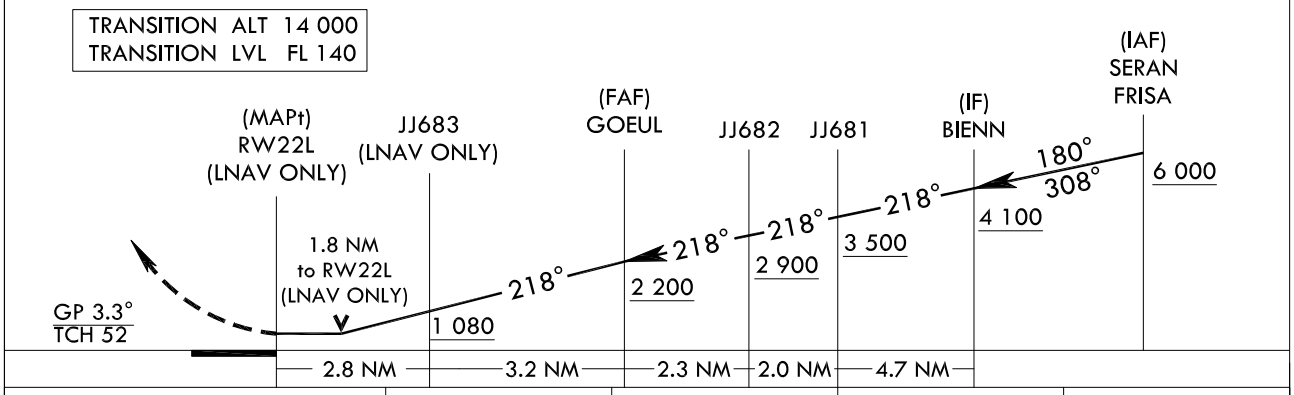
CAUTION - MISSED APPRAOCH CLIMB RATE to 4 000 ft						
RWY	Knots	60	120	180	240	300
22L	FPM	320	630	950	1 260	1 570

1 000	4 000	JJ684	TR 281°	XEROX
↑	↰	◇		◇ 5 000

MISSED APPROACH
Climb HDG 218° to 1 000 ft, then climbing left turn direct to JJ684 at or above 4 000 ft, then track 281° to XEROX at or above 5 000 ft and hold.

* VGSI and descent angle not coincident (VGSI Angle 3.0/TCH 51).

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY		A	B	C	D
LNAV/VNAV DA	ALS	568-1 3/8 520(600-1 3/8)			
	ALS INOP	568-1 5/8 520(600-1 5/8)			
LNAV MDA	ALS	660-1 1/2 612(700-1 1/2)			
	ALS INOP	660-1 3/4 612(700-1 3/4)			
CIRCLING		720-1 3/4 672(700-1 3/4)	1 140-1 3/4 1 092(1 100-1 3/4)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

Instrument Approach Procedure Coding Tables

Feeder Route - via MANGI to SERAN(IAF)

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	-	MANGI	-	-	-	-	-	-	35°30'11.3"N 126°44'31.7"E	-	RNAV 1	-
002	TF	SERAN	-	106 (098.0)	10.2	-	+6 000	-	35°28'45.5"N 126°56'50.7"E	-	RNAV 1	IAF

RNP RWY 22L - via SERAN to BIENN(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	SERAN	-	-	-	-	+6 000	-230	35°28'45.5"N 126°56'50.7"E	-	RNP APCH	IAF
002	TF	BIENN	-	180 (171.6)	7.6	-	+4 100	-230	35°21'13.7"N 126°58'12.2"E	-	RNP APCH	IF NoPT

RNP RWY 22L - via FRISA to BIENN(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	FRISA	-	-	-	-	+6 000	-230	35°17'25.0"N 127°06'14.5"E	-	RNP APCH	IAF
002	TF	BIENN	-	308 (300.1)	7.6	-	+4 100	-230	35°21'13.7"N 126°58'12.2"E	-	RNP APCH	IF NoPT

RNP RWY 22L - via BIENN(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	TF	BIENN	-	-	-	-	+4 100	-230	35°21'13.7"N 126°58'12.2"E	-	RNP APCH	IF
002	TF	JJ681	-	218 (210.0)	4.7	-	+3 500	-	35°17'09.1"N 126°55'19.9"E	-	RNP APCH	-
003	TF	JJ682	-	218 (210.0)	2.0	-	+2 900	-	35°15'25.0"N 126°54'06.6"E	-	RNP APCH	-
004	TF	GOEUL	-	218 (210.0)	2.3	-	+2 200	-	35°13'25.3"N 126°52'42.5"E	-3.3/52	RNP APCH	FAF
005	TF	JJ683	-	218 (210.0)	3.2	-	+1 080	-	35°10'38.6"N 126°50'45.5"E	-	RNP APCH	LNAV ONLY
006	TF	RW22L	Y	218 (209.9)	2.8	-	-	-	35°08'12.8"N 126°49'03.3"E	-	RNP APCH	MAPt LNAV ONLY
007	VA	1 000 ft	-	-	-	-	+1 000	-	-	-	RNP APCH	-
008	DF	JJ684	-	-	-	-	+4 000	-	34°57'17.9"N 126°43'53.3"E	-	RNP APCH	CG 320 ft/NM to 4 000 ft
009	TF	XEROX	-	281 (272.2)	10.7	-	+5 000	-	34°57'41.4"N 126°30'53.8"E	-	RNP APCH	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNP RWY 22L	HM	FRISA	-	265 (256.6)	5.0	L	-7 000 +6 000	-230	35°17'25.0"N 127°06'14.5"E	-	RNAV 1	-
	HM	XEROX	-	080 (071.6)	5.0	L	-6 000 +5 000	-230	34°57'41.4"N 126°30'53.8"E	-	RNAV 1	-

Change : Establishment of feeder route, holding procedure and Information of ALT restrictions for JJ684, XEROX.

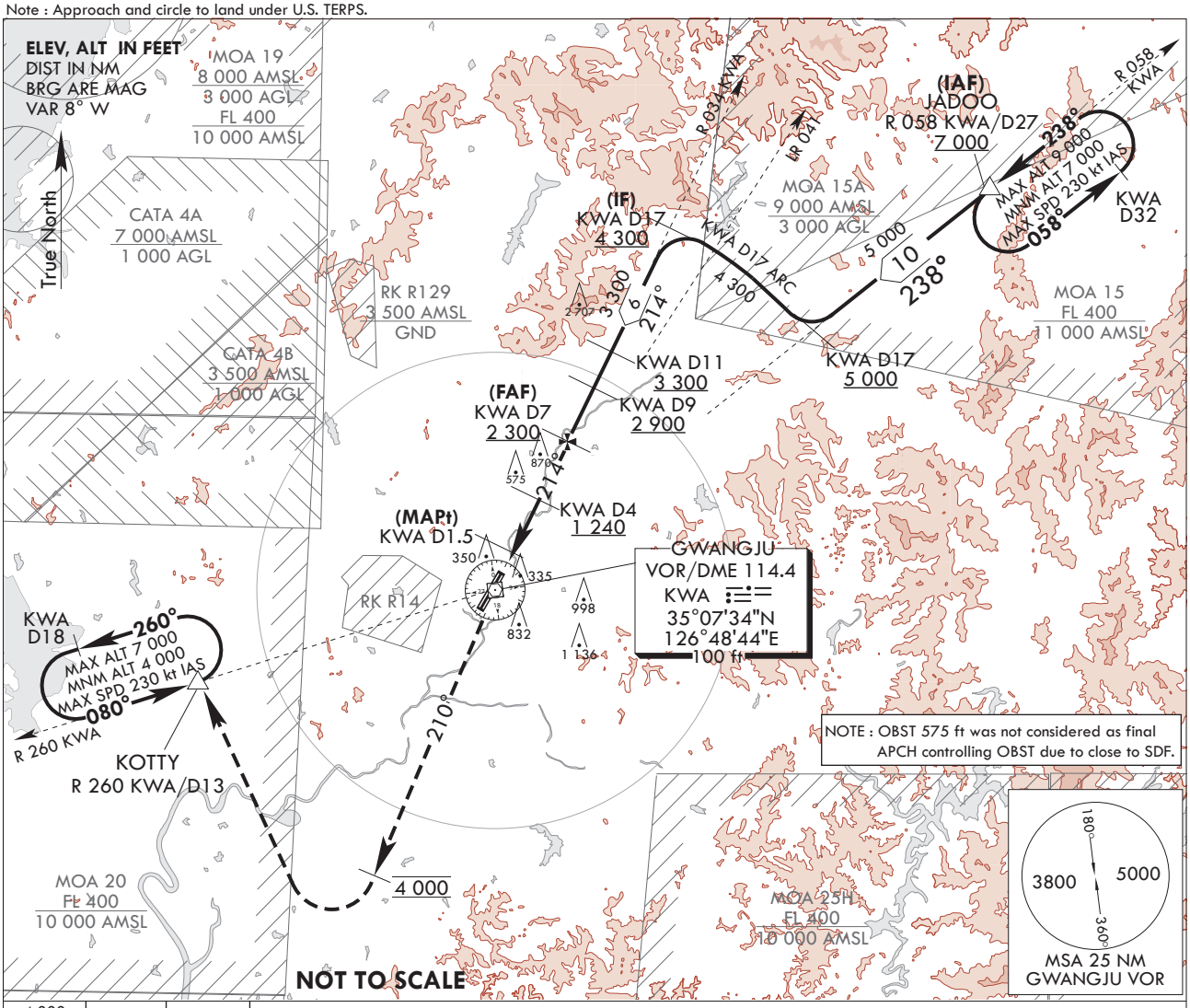
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 22L - ELEV **46** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU	APP	130.0 228.9
GWANGJU	TWR	118.05 254.6

GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 22L

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



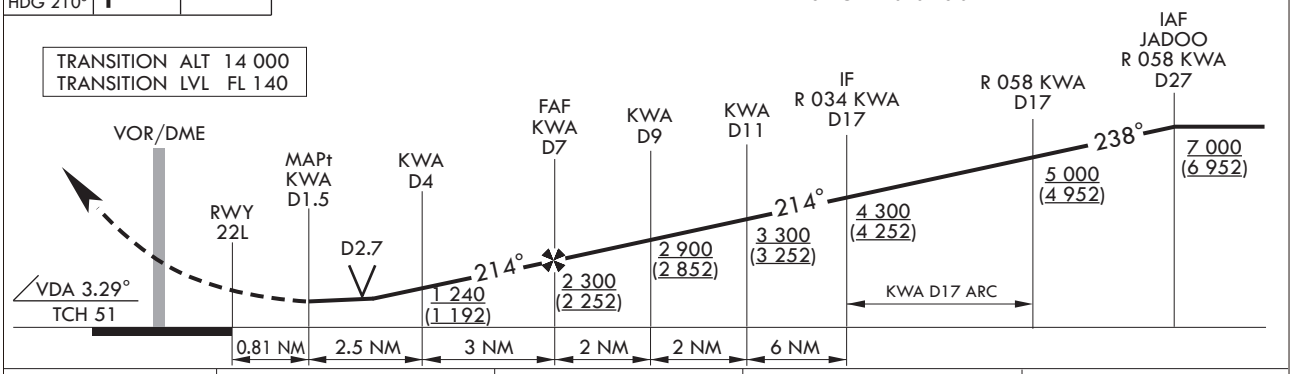
4 000
HDG 210°

KOTTY
KWA D13

* VGSI and descent angle not coincident (VGSI angle 3.0/TCH 51).

MISSED APPROACH
Climb to 4 000 ft on HDG 210°, then right turn direct to KOTTY and hold.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY	A	B	C	D
S-VOR 22L	740/40 692(700-3/4)		740-1 3/4 692(700-1 3/4)	
S-VOR 22L (ALS INOP)	740/55 692(700-1)		740-2 692(700-2)	
C CIRCLING*	740-1 692(700-1)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

* Circling not authorized for west of RWY 22-04.

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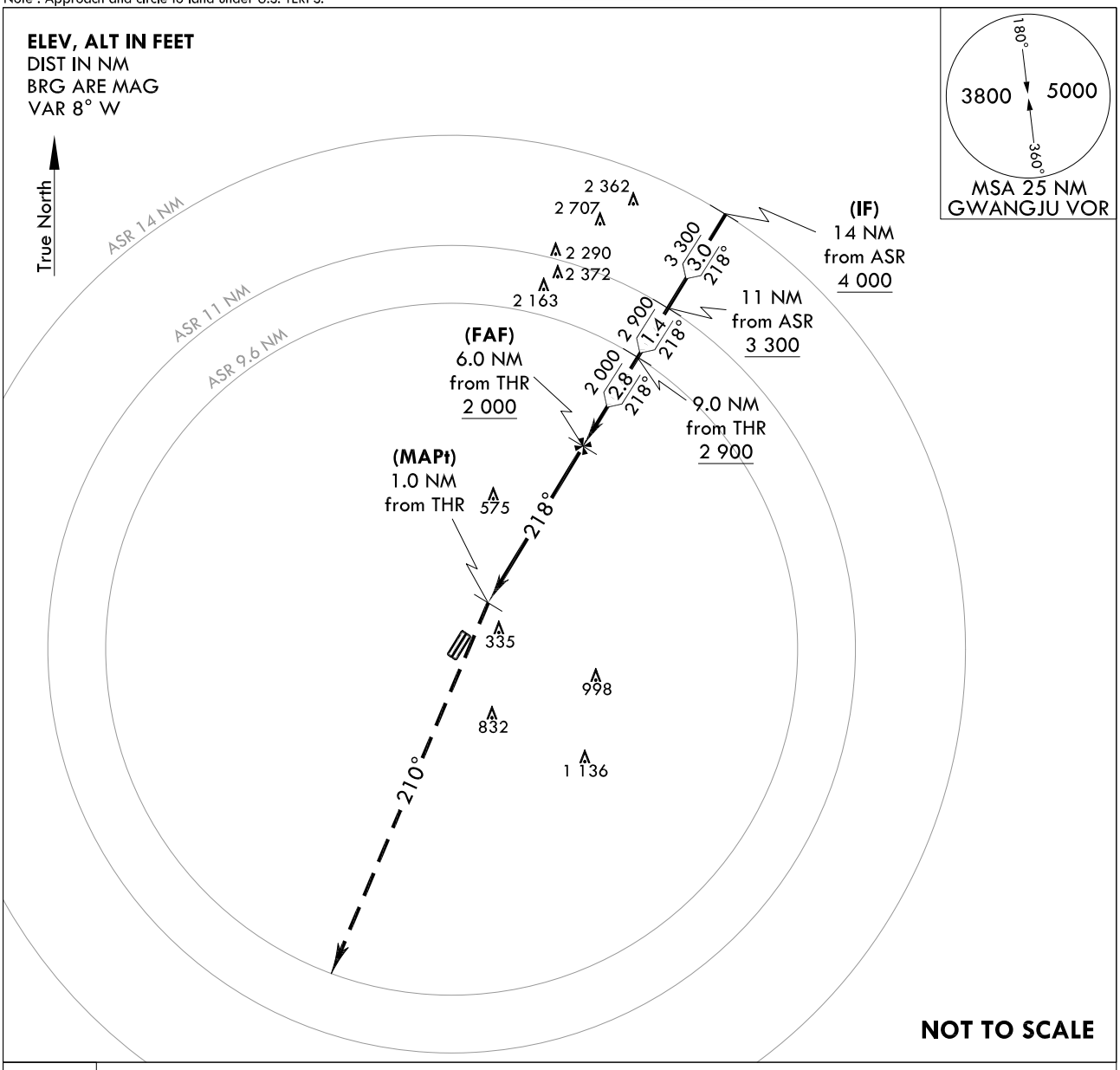
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22L - ELEV **46** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU	APP	130.0 228.9
GWANGJU	TWR	118.05 254.6

GWANGJU/Gwangju(RKJJ)
ASR RWY 22L

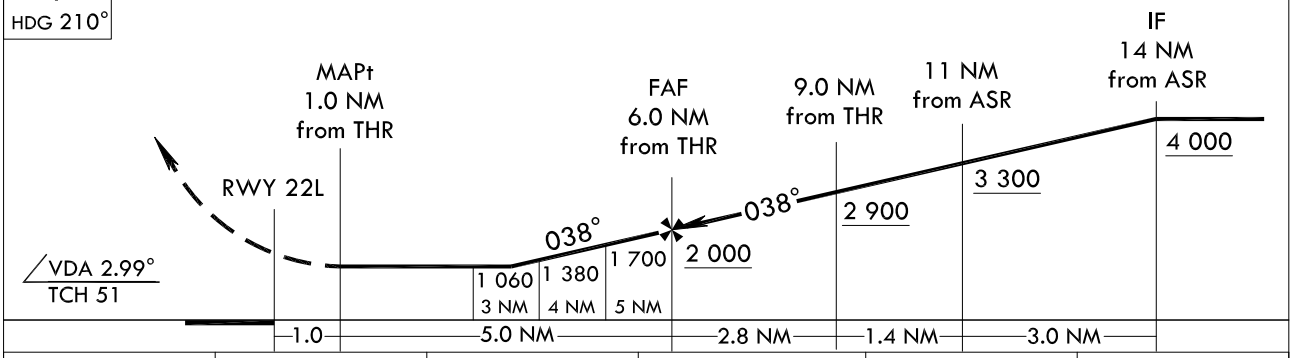
Note : Approach and circle to land under U.S. TERPS.



5 000
HDG 210°

MISSED APPROACH
Climb HDG 210° to 5 000 ft, then expect radar vector.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY	A	B	C	D	E
S-ASR 22L	860/55 812(900-1)		860-2 812(900-2)		
S-ASR 22L (ALS INOP)	860/60 812(900-1 1/4)		860-2 1/2 812(900-2 1/2)		
C CIRCLING*	860-1 1/4 812(900-1 1/4)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)	1 460-3 1 412(1 500-3)

* Circling not authorized for west of RWY 22-04.

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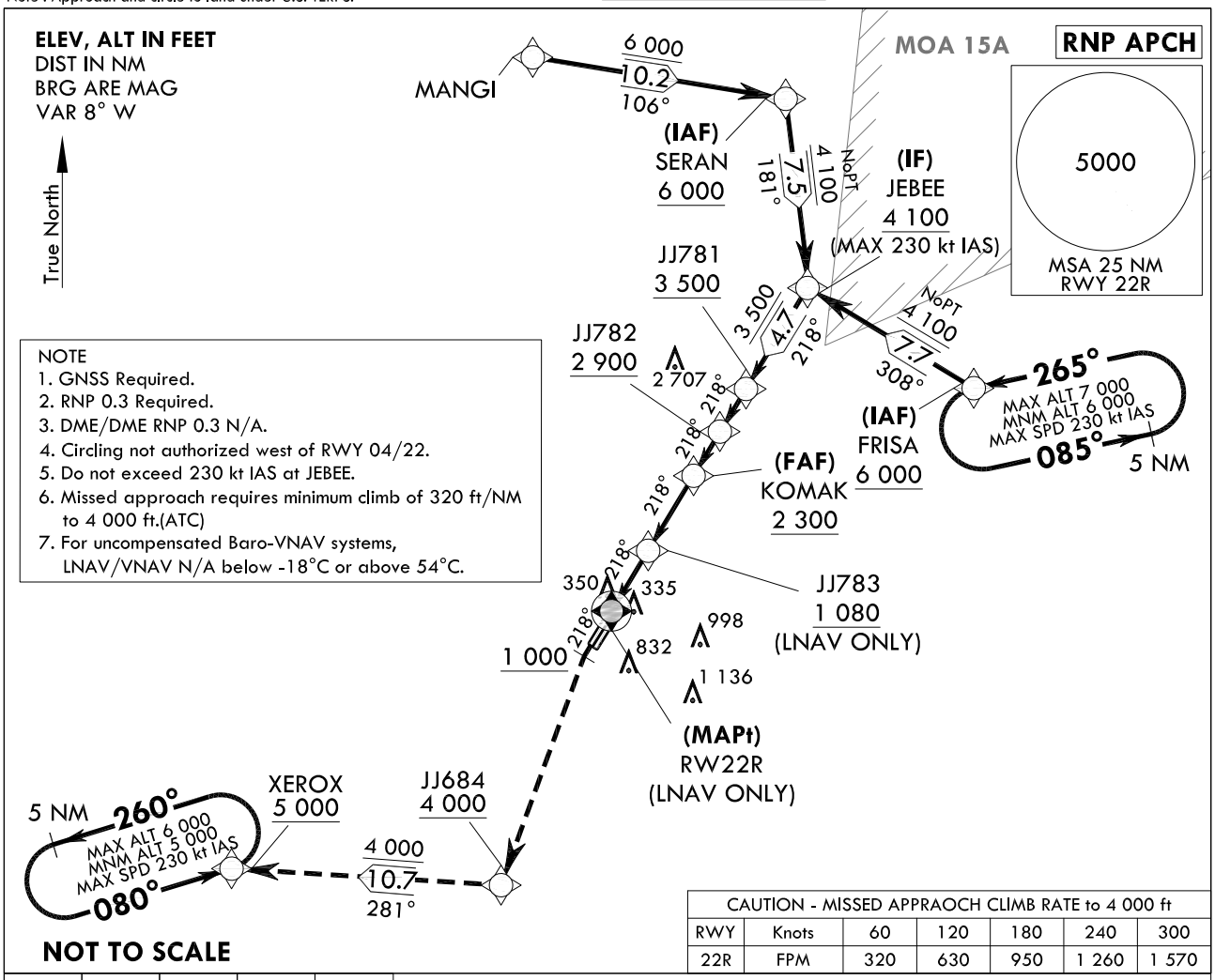
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22R - ELEV **48** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU APP	130.0
	228.9
GWANGJU TWR	118.05
	254.6

GWANGJU/Gwangju(RKJJ)
RNP RWY 22R

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



NOTE
1. GNSS Required.
2. RNP 0.3 Required.
3. DME/DME RNP 0.3 N/A.
4. Circling not authorized west of RWY 04/22.
5. Do not exceed 230 kt IAS at JEBEE.
6. Missed approach requires minimum climb of 320 ft/NM to 4 000 ft.(ATC)
7. For uncompensated Baro-VNAV systems, LNAV/VNAV N/A below -18°C or above 54°C.

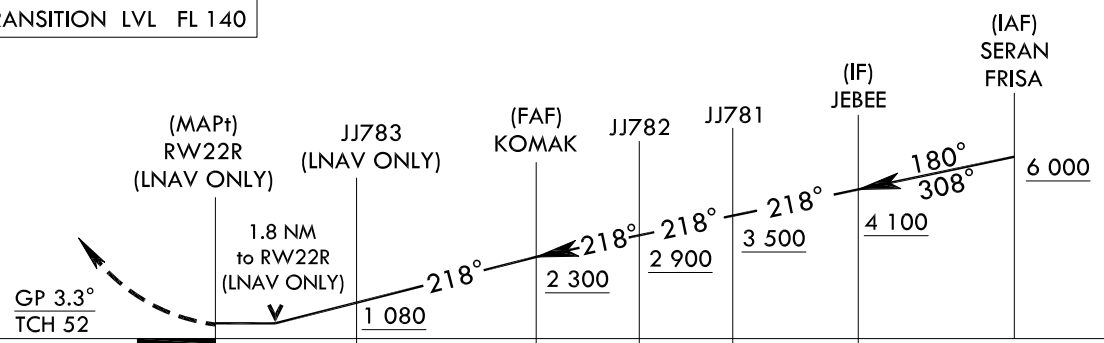
CAUTION - MISSED APPRAOCH CLIMB RATE to 4 000 ft						
RWY	Knots	60	120	180	240	300
22R	FPM	320	630	950	1 260	1 570

1 000	4 000	JJ684	TR 281°	XEROX
				5 000

MISSED APPROACH
Climb HDG 218° to 1 000 ft, then climbing left turn direct to JJ684 at or above 4 000 ft, then track 281° to XEROX at or above 5 000 ft and hold.

* VGSI and descent angle not coincident (VGSI Angle 3.0/TCH 53).

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY		A	B	C	D
LNAV/VNAV DA	ALS	568-1 3/8 520(600-1 3/8)			
	ALS INOP	568-1 5/8 520(600-1 5/8)			
LNAV MDA	ALS	660-1 1/2 612(700-1 1/2)			
	ALS INOP	660-1 3/4 612(700-1 3/4)			
C CIRCLING		720-1 3/4 672(700-1 3/4)	1 140-1 3/4 1 092(1 100-1 3/4)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

Instrument Approach Procedure Coding Tables

Feeder Route - via MANGI to SERAN(IAF)

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	-	MANGI	-	-	-	-	-	-	35°30'11.3"N 126°44'31.7"E	-	RNAV 1	-
002	TF	SERAN	-	106 (098.0)	10.2	-	+6 000	-	35°28'45.5"N 126°56'50.7"E	-	RNAV 1	IAF

RNP RWY 22R - via SERAN to JEBEE(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	SERAN	-	-	-	-	+6 000	-230	35°28'45.5"N 126°56'50.7"E	-	RNP APCH	IAF
002	TF	JEBEE	-	181 (172.2)	7.5	-	+4 100	-230	35°21'16.8"N 126°58'05.5"E	-	RNP APCH	IF NoPT

RNP RWY 22R - via FRISA to JEBEE(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	FRISA	-	-	-	-	+6 000	-230	35°17'25.0"N 127°06'14.5"E	-	RNP APCH	IAF
002	TF	JEBEE	-	308 (300.1)	7.7	-	+4 100	-230	35°21'16.8"N 126°58'05.5"E	-	RNP APCH	IF NoPT

RNP RWY 22R - via JEBEE(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	TF	JEBEE	-	-	-	-	+4 100	-230	35°21'16.8"N 126°58'05.5"E	-	RNP APCH	IF
002	TF	JJ781	-	218 (210.0)	4.7	-	+3 500	-	35°17'12.3"N 126°55'13.2"E	-	RNP APCH	-
003	TF	JJ782	-	218 (210.0)	2.0	-	+2 900	-	35°15'28.1"N 126°54'00.0"E	-	RNP APCH	-
004	TF	KOMAK	-	218 (210.0)	2.0	-	+2 300	-	35°13'42.9"N 126°52'46.0"E	-3.3/52	RNP APCH	FAF
005	TF	JJ783	-	218 (210.0)	3.5	-	+1 080	-	35°10'41.8"N 126°50'38.9"E	-	RNP APCH	LNAV ONLY
006	TF	RW22R	Y	218 (209.9)	2.8	-	-	-	35°08'15.9"N 126°48'56.6"E	-	RNP APCH	MAPt LNAV ONLY
007	VA	1 000 ft	-	-	-	-	+1 000	-	-	-	RNP APCH	-
008	DF	JJ684	-	-	-	-	+4 000	-	34°57'17.9"N 126°43'53.3"E	-	RNP APCH	CG 320 ft/NM to 4 000 ft
009	TF	XEROX	-	281 (272.2)	10.7	-	+5 000	-	34°57'41.4"N 126°30'53.8"E	-	RNP APCH	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNP RWY 22R	HM	FRISA	-	265 (256.6)	5.0	L	-7 000 +6 000	-230	35°17'25.0"N 127°06'14.5"E	-	RNAV 1	-
	HM	XEROX	-	080 (071.6)	5.0	L	-6 000 +5 000	-230	34°57'41.4"N 126°30'53.8"E	-	RNAV 1	-

Change : Establishment of feeder route, holding procedure and Information of ALT restrictions for JJ684, XEROX.

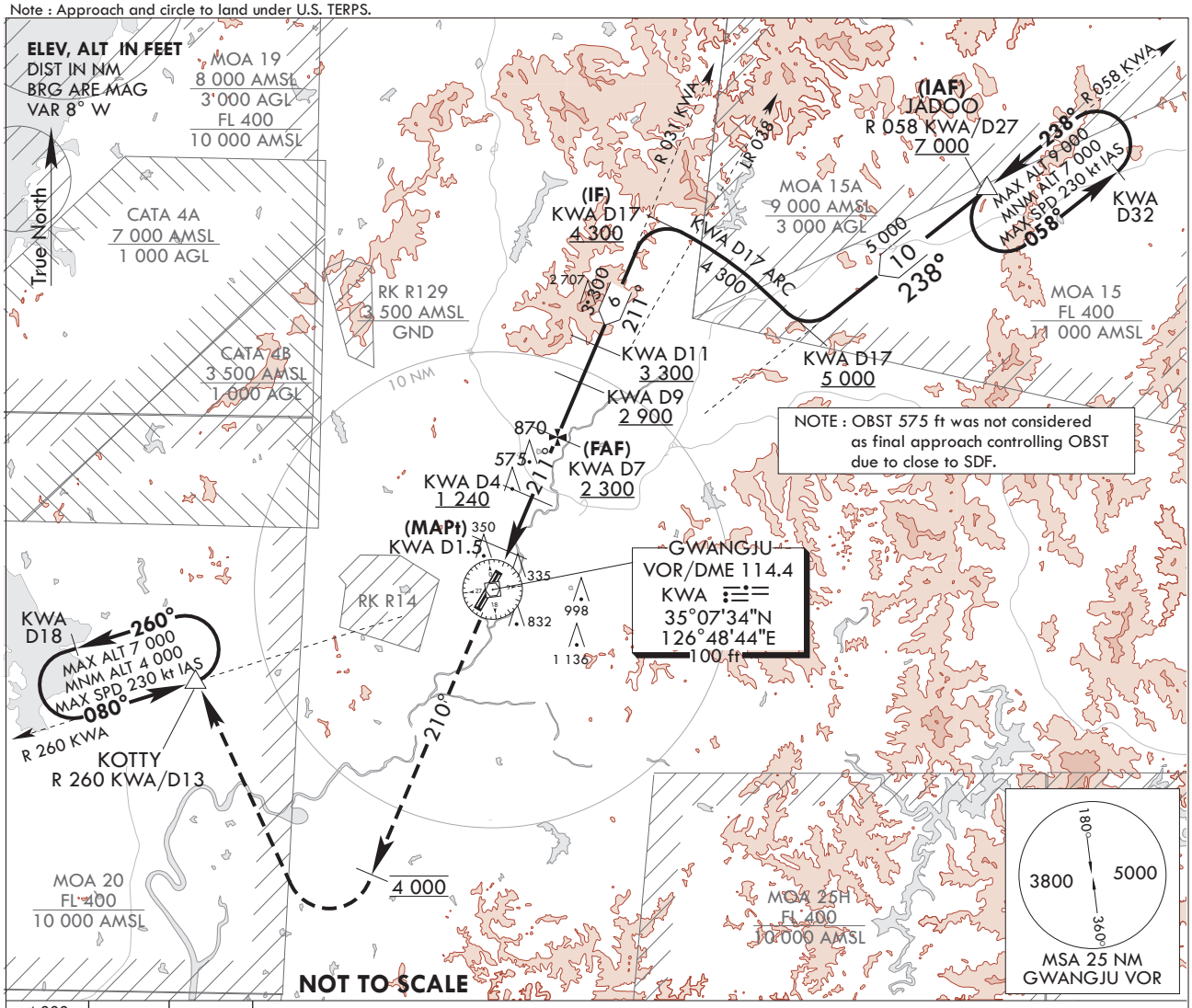
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 22R - ELEV **48** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU	APP	130.0 228.9
GWANGJU	TWR	118.05 254.6

GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 22R

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

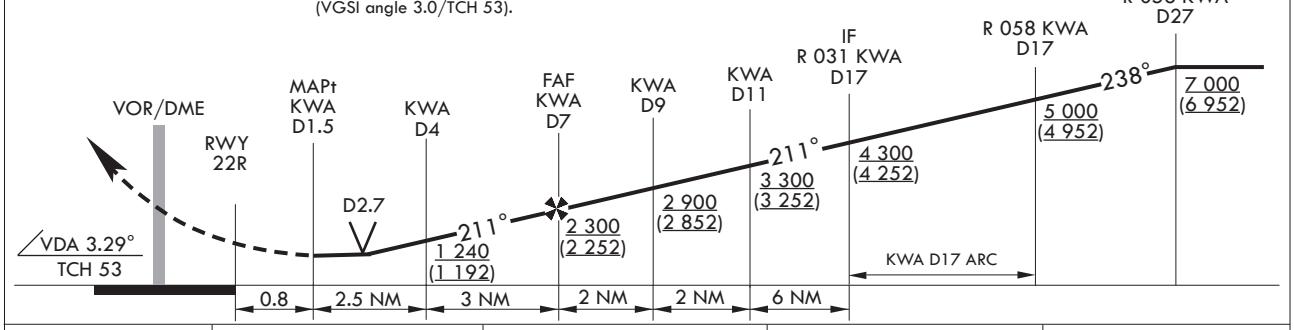


4 000
HDG 210°
KOTTY
KWA D13

MISSED APPROACH
Climb to 4 000 ft on HDG 210°, then right turn direct to KOTTY and hold.

* VGSI and descent angle not coincident (VGSI angle 3.0/TCH 53).

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY	A	B	C	D
S-VOR 22R	740/40 692(700-3/4)		740-1 3/4 692(700-1 3/4)	
S-VOR 22R (ALS INOP)	740/55 692(700-1)		740-2 692(700-2)	
CIRCLING*	740-1 692(700-1)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)

* Circling not authorized for west of RWY 22-04.

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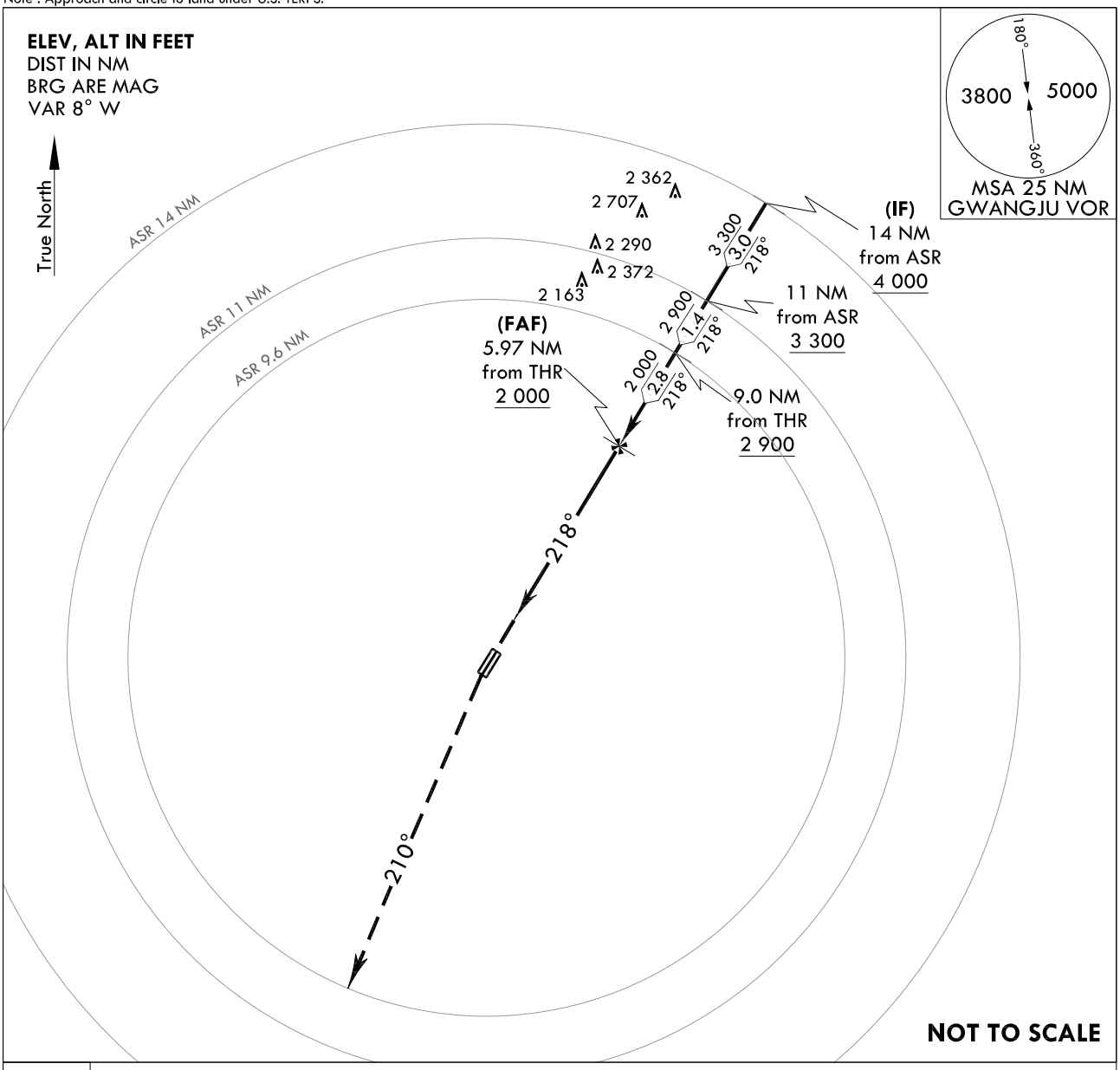
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22R - ELEV **48** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU	APP	130.0
		228.9
GWANGJU	TWR	118.05
		254.6

GWANGJU/Gwangju(RKJJ)
PAR RWY 22R

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

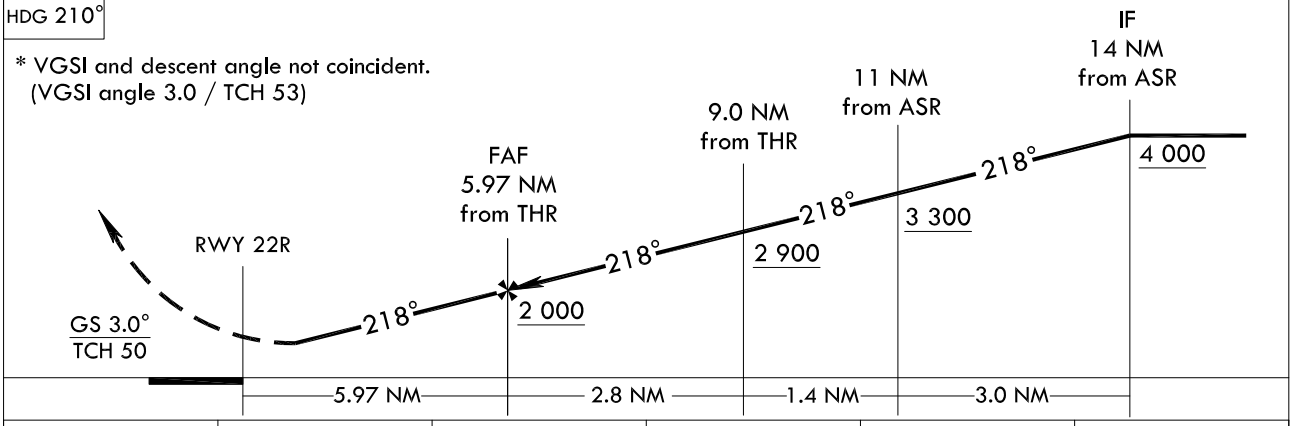


5 000
HDG 210°

MISSED APPROACH
Climb to 5 000 ft on HDG 210°, then expect radar vector.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

* VGSI and descent angle not coincident.
(VGSI angle 3.0 / TCH 53)



CATEGORY	A	B	C	D	E
S-PAR 22R	248/40 200(200-3/4)				

* Circling not authorized.

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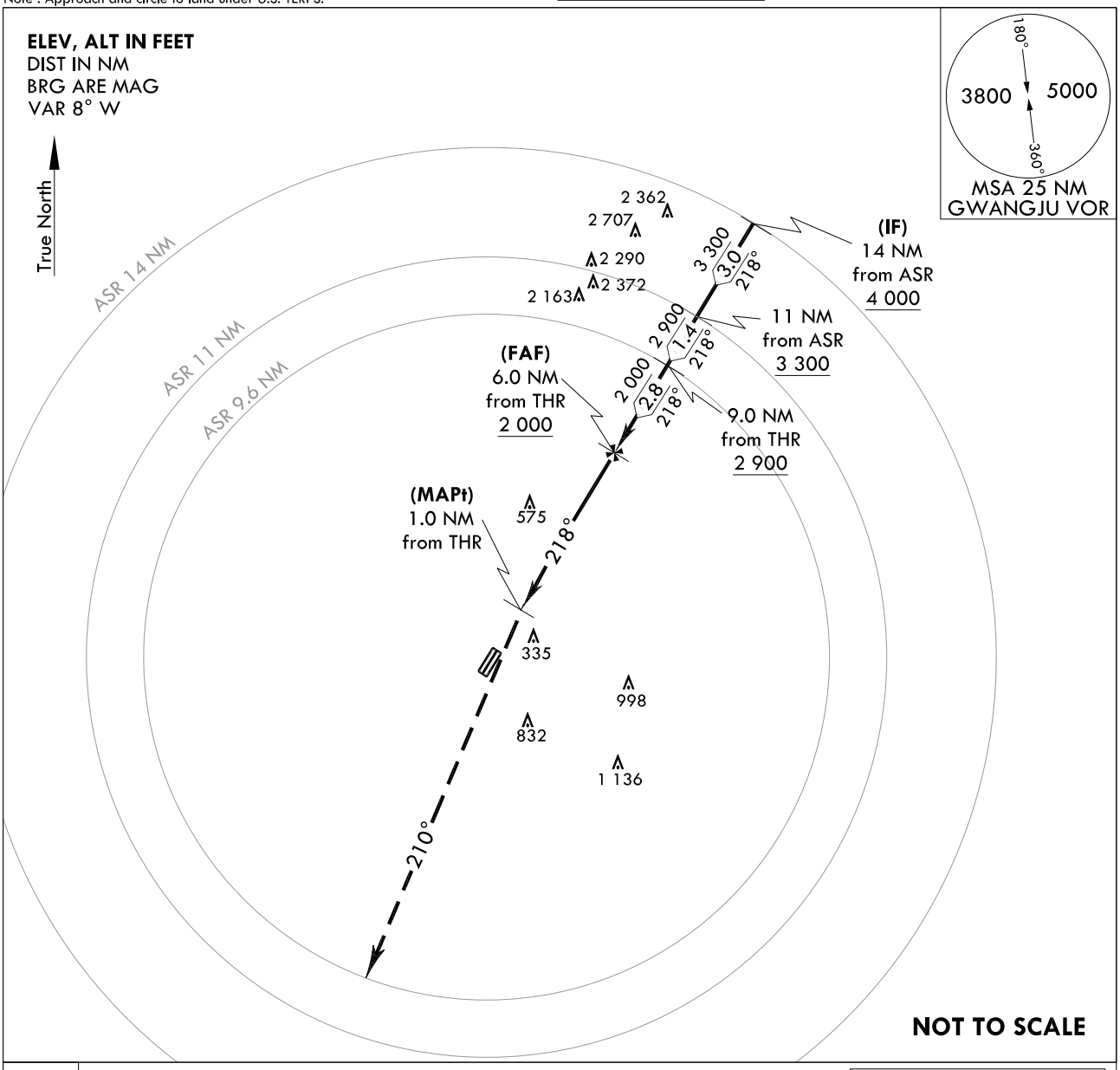
INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22R - ELEV **48** ft
HIGHEST ELEV TDZ **48** ft

GWANGJU APP	130.0
	228.9
GWANGJU TWR	118.05
	254.6

GWANGJU/Gwangju(RKJJ)
ASR RWY 22R

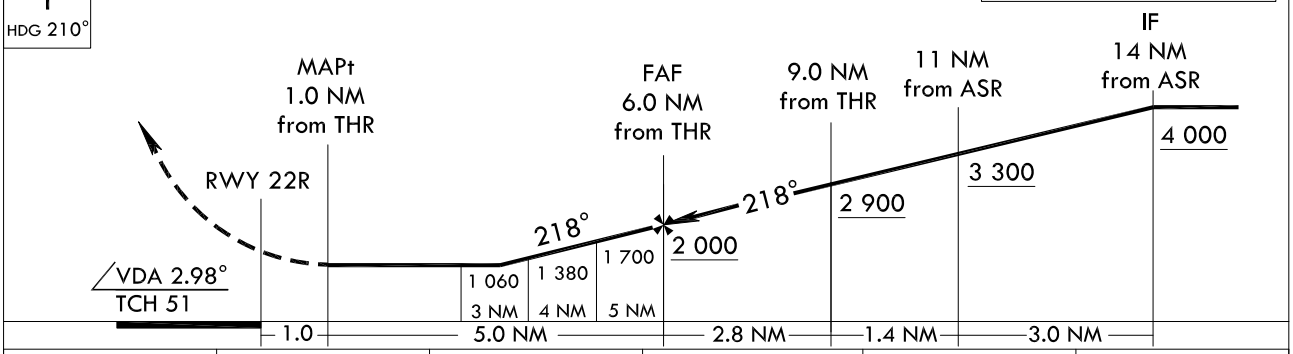
Note : Approach and circle to land under U.S. TERPS.



5 000
HDG 210°

MISSED APPROACH
Climb HDG 210° to 5 000 ft, then expect for radar vector.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY	A	B	C	D	E
S-ASR 22R	860/55 812(900-1)		860-2 812(900-2)		
S-ASR 22R (ALS INOP)	860/60 812(900-1 1/4)		860-2 1/2 812(900-2 1/2)		
CIRCLING*	860-1 1/4 812(900-1 1/4)	1 140-1 1/2 1 092(1 100-1 1/2)	1 140-3 1 092(1 100-3)	1 380-3 1 332(1 400-3)	1 460-3 1 412(1 500-3)

* Circling not authorized for west of RWY 22-04.

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