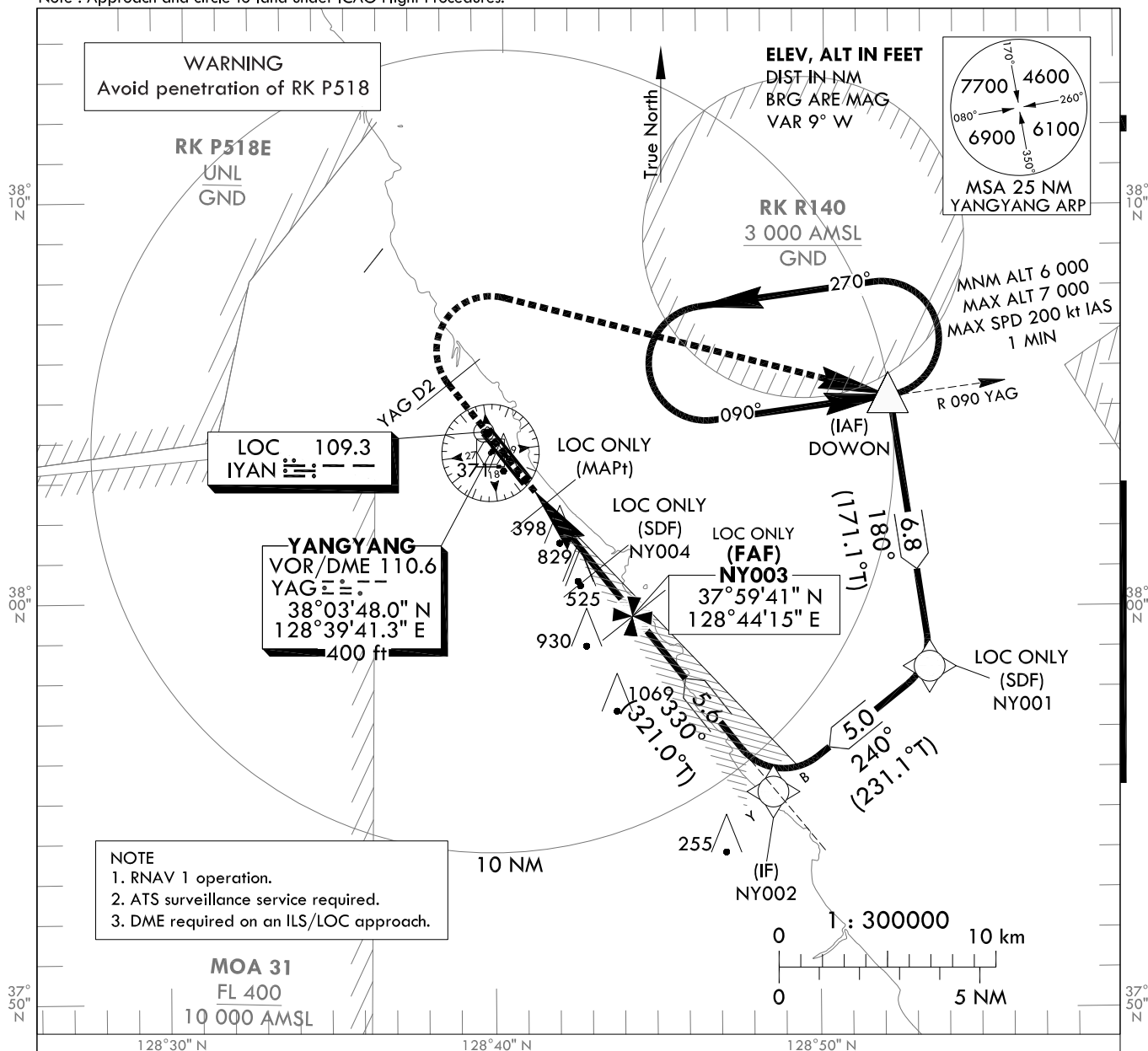


AERODROME ELEV 241 ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/Intl(RKNY)
ILS Z or LOC Z RWY 33

Note : Approach and circle-to-land under ICAO Flight Procedures.

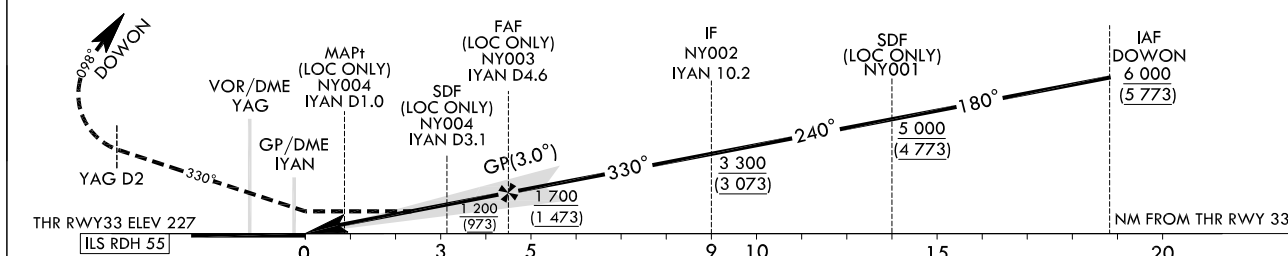


RECOMMENDED PROFILE(LOC ONLY)	DME YAG	4	3	2	1.4
Final Approach Gradient 5.68%(344.8 ft/NM) to SDF, 5.12%(311.2 ft/NM to THR)	ALT(HGT)	1 526 (1 300)	1 203 (976)	879 (653)	658 (459)

MISSED APPROACH

Climb straight ahead until YAG D2, then turn right direct to DOWON and hold at 6 000 ft.
Hold as published.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



CATEGORY			DA(H)/MDA(H)	A	B	C	D		Knots	60	90	120	150	180
STA	CAT 1	FULL	427	RVR 550 m, VIS 800 m				Rate of descent	V/V fpm	318	478	637	796	955
		ALS INOP	(200)	1 200 m										
	LOC	FULL	700	1 500 m				* Timing Not authorized for defining MAPt. * Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.						
		ALS INOP	(473)	2 200 m										
Circling				700(460) 2 400 m	740(500) 2 800 m	1 160(920) 4 300 m	1 180(940) 4 600 m							

Change : Information of Magnetic course and MAG VAR.

YANGYANG/Intl(RKNY)

ILS Z or LOC Z RWY 33

AERONAUTICAL DATA TABULATION

ILS/LOC Z Approach to RWY 33 from DOWON		
	Fix/Point	Coordinates
	DOWON(IAF)	38°05'14.5"N 128°52'13.8"E
	NY001(SDF) BRG 239.02°	37°58'31.2"N 128°53'33.6"E
	NY002(IF) BRG 329.01° / 10.15NM IYAN	37°55'22.3"N 128°48'38.8"E
	NY003(FAF) BRG 329.52° / 4.55NM IYAN	37°59'40.6"N 128°44'14.9"E
	NY004(SDF LOC only) BRG 329.52° / 3.10NM IYAN	38°00'49.2"N 128°43'04.7"E
	MAPt(LOC only) BRG 329.52° / 1.00NM IYAN	38°02'29.7"N 128°41'22.0"E
	THR RWY33	38°03'09.2"N 128°40'41.3"E
	IYAN DME	38°03'13.8"N 128°40'30.0"E
	D2 YAG R 329 YAG/2.00NM YAG	38°05'28.5"N 128°38'18.8"E
	DOWON R 090 YAG/10.00NM YAG	38°05'14.5"N 128°52'13.8"E

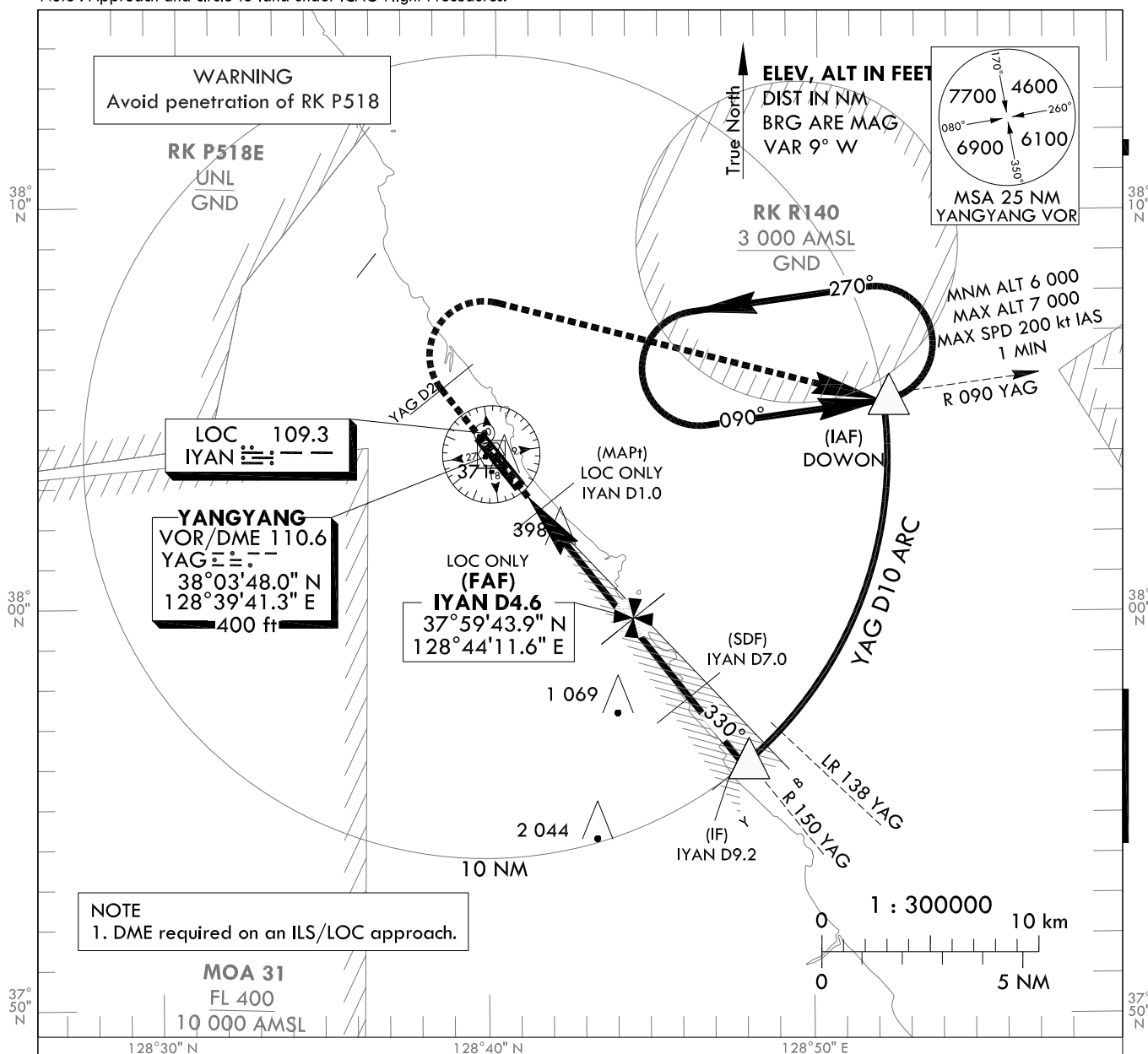
Change : Information of Fix/Point bearing.

AERODROME ELEV 241 ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/Intl(RKNY)
ILS Y or LOC Y RWY 33

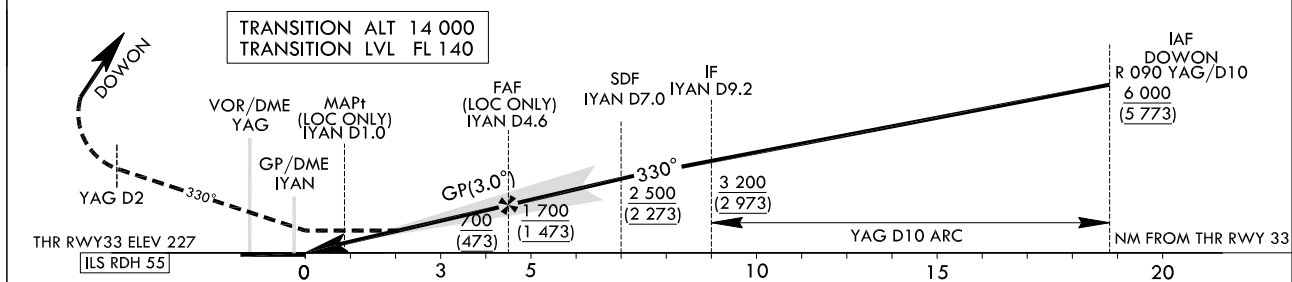
Note : Approach and circle-to-land under ICAO Flight Procedures.



RECOMMENDED PROFILE(LOC ONLY)	DME YAG	4	3	2	1.4
Final Approach Gradient 5.32%, 324 ft/NM	ALT(HGT)	1 526 (1 300)	1 203 (976)	879 (653)	658 (459)

MISSED APPROACH

Climb straight ahead until YAG D2, then turn right to DOWON and hold at 6 000 ft. Hold as published.



CATEGORY			DA(H)/MDA(H)	A	B	C	D		Knots	60	90	120	150	180
STA	CAT 1	FULL	427	RVR 550 m, VIS 800 m				Rate of descent	V/V fpm	318	478	637	796	955
		ALS INOP	(200)	1 200 m										
	LOC	FULL	700	1 500 m				* Timing Not authorized for defining MAPt. * Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.						
		ALS INOP	(473)	2 200 m										
Circling				700(460) 2 400 m	740(500) 2 800 m	1 160(920) 4 300 m	1 180(940) 4 600 m							

Change : Information of Magnetic course and MAG VAR.

YANGYANG/Intl(RKNY)

ILS Y or LOC Y RWY 33

AERONAUTICAL DATA TABULATION

ILS/LOC Y Approach to RWY 33 from DOWON		
	Fix/Point	Coordinates
	DOWON(IAF)	38°05'14.5"N 128°52'13.8"E
	9.2D IYAN(IF) BRG 329.54° / 9.16 NM IYAN	37°56'08.9"N 128°47'51.2"E
	7.0D IYAN(SDF) BRG 329.54° / 7.00 NM IYAN	37°57'49.6"N 128°46'08.4"E
	4.6D IYAN(FAF) BRG 329.54° / 4.55 NM IYAN	37°59'44.0"N 128°44'11.6"E
	MAPt(LOC only) BRG 329.54° / 1.00 NM IYAN	38°02'29.7"N 128°41'22.0"E
	THR RWY33	38°03'09.2"N 128°40'41.3"E
	IYAN DME	38°03'13.8"N 128°40'30.0"E
	D2 YAG R 330 YAG/ 2.00 NM YAG	38°05'28.5"N 128°38'18.6"E
	DOWON R 090 YAG/ 10.00 NM YAG	38°05'14.5"N 128°52'13.8"E

Change : Information of Fix/Point bearing.

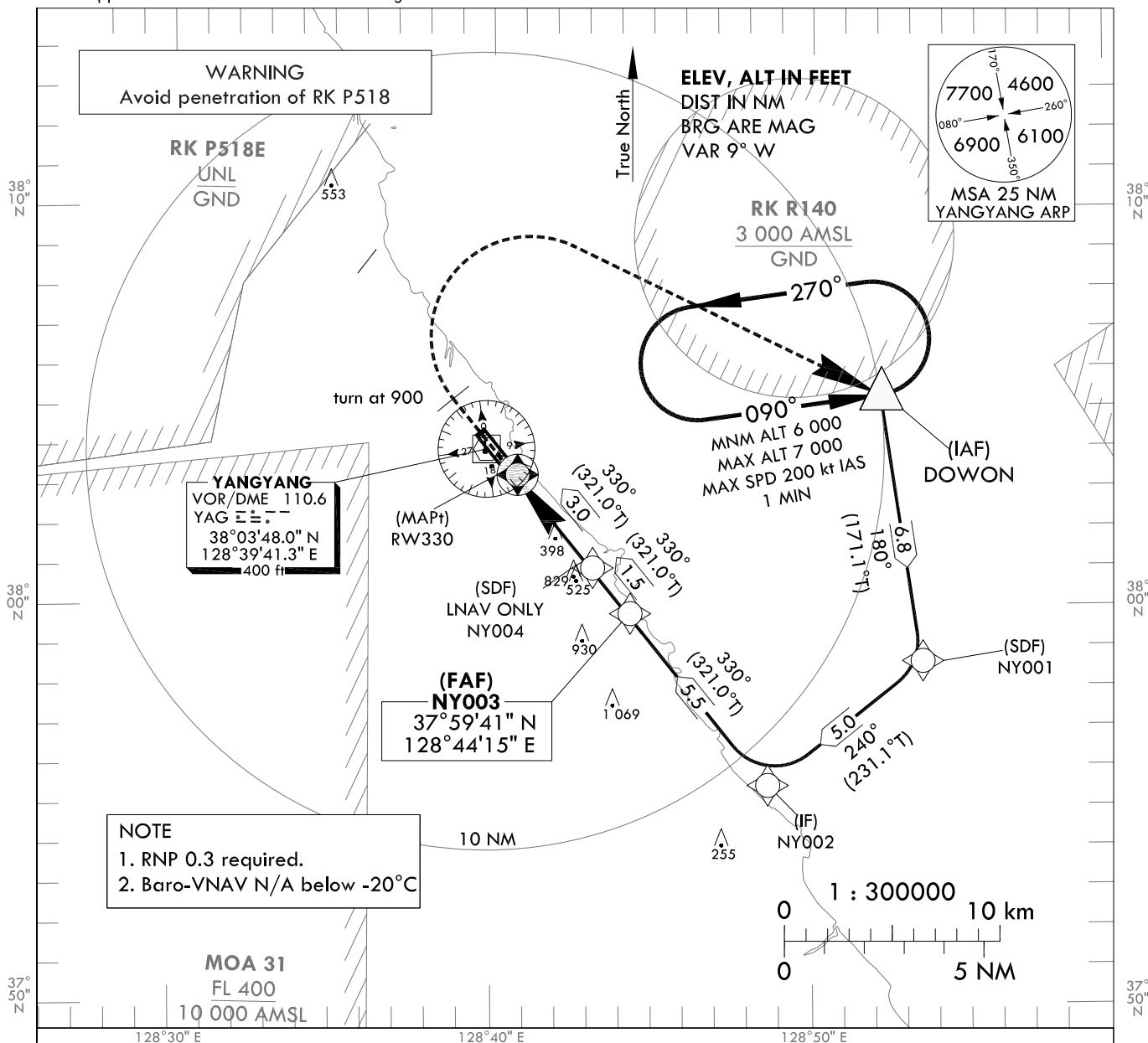
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 241 ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227 ft**

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/InI(RKNY)
RNAV(GNSS) RWY 33

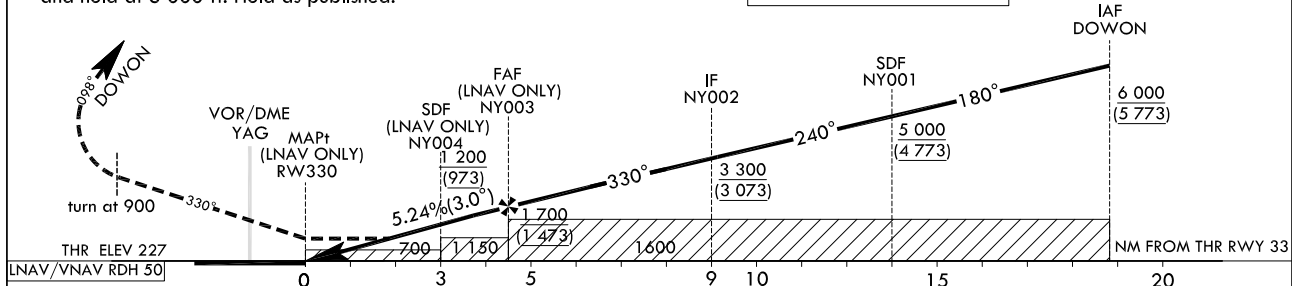
Note : Approach and circle-to-land under ICAO Flight Procedures.



MISSED APPROACH

Climb on heading 329° to 900 ft, then turn right to DOWON and hold at 6 000 ft. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY			DA(H)/MDA(H)	A	B	C	D		Knots	60	90	120	150	180
STA	LNAV	FULL	700	1 500 m				Rate of descent	V/V fpm	318	478	637	796	955
		ALS INOP	(473)	2 200 m										
	LNAV/VNAV	FULL	570	900 m										
		ALS INOP	(343)	1 600 m										
Circling				700(460) 2 400 m	740(500) 2 800 m	1 160(920) 4 300 m	1 180(940) 4 600 m	* Timing Not authorized for defining MAPt. * Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.						

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNAV(GNSS) RWY 33 - via DOWON(IAF)										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH*
001	IF	DOWON	-	-	-	-	+6 000	-	380514.5 N 1285213.8 E	-
002	TF	NY001	-	180(171.1)	6.8	-	+5 000	-	375831.2 N 1285333.6 E	-
003	TF	NY002	-	240(231.1)	5.0	-	+3 300	-	375522.3 N 1284838.8 E	-
004	TF	NY003	-	330(321.0)	5.5	-	+1 700	-	375940.6 N 1284414.9 E	-
005	TF	NY004	-	330(321.0)	1.5	-	+1 200	-	380049.2 N 1284304.7 E	-
006	TF	RW330	Y	330(321.0)	3.0	-	+700	-	380309.2 N 1284041.3 E	-3.00/50
007	VA	ALT	Y	330(321.0)	-	R	+900	-	-	-
008	DF	DOWON	Y	-	-	L	@6 000	-200	380514.5 N 1285213.8 E	-
										Remarks
									RNP APCH	IAF
									RNP APCH	SDF
									RNP APCH	IF
									RNP APCH	FAF
									RNP APCH	SDF
									RNP APCH	MAPt
									RNP APCH	-
									RNP APCH	MAHF

HOLDING PROCEDURE							
Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Turn direction	Altitude (ft)	Speed (kt)
RNAV(GNSS) RWY 33	HM	DOWON	Y	090(081.4)	L	-7 000 +6 000	-200
							Coordinates
							380514.5N 1285213.8E
							VPA/TCH*
							-
							Navigation specification
							RNAV 1
							Remarks
							1 Min (Outbound Leg)

* The term TCH equates to the use of the term RDH, within this context of the FAS data block.

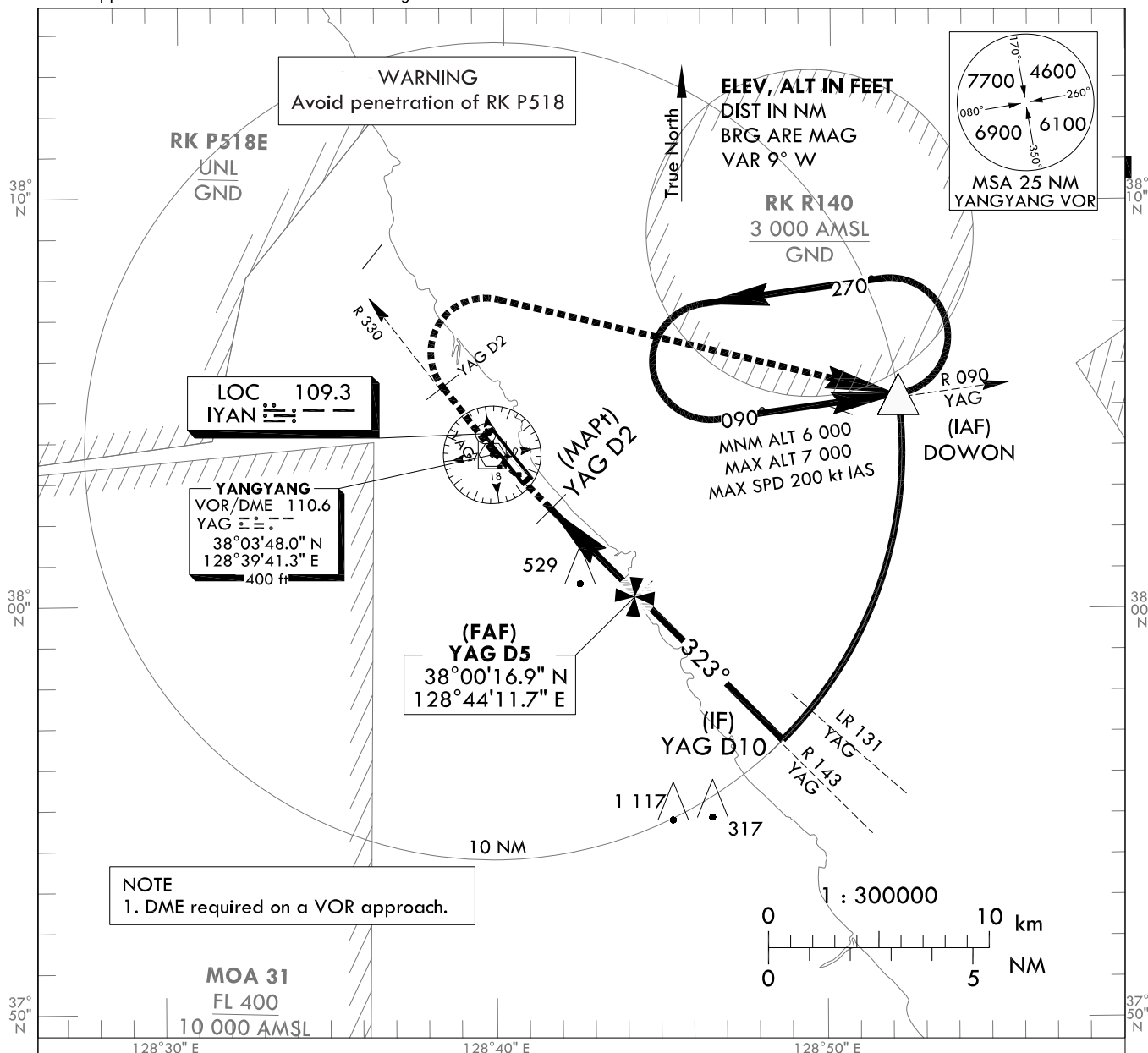
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 241 ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227 ft**

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/IntI(RKNY)
VOR RWY 33

Note : Approach and circle-to-land under ICAO Flight Procedures.

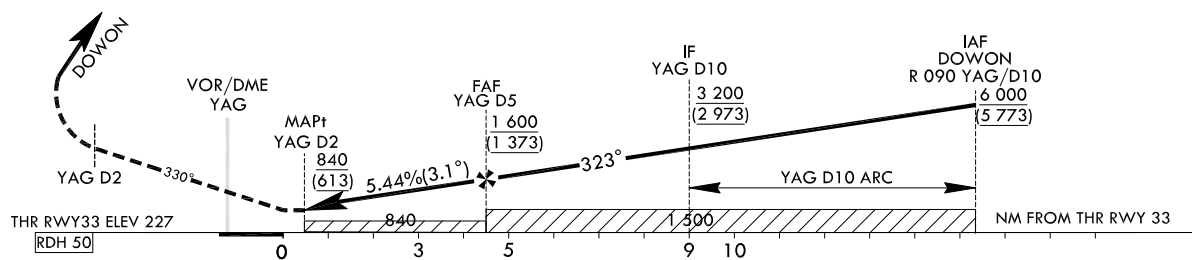


RECOMMENDED PROFILE	DME YAG	5	4	3	2
Final Approach Gradient 5.44%, 330 ft/NM	ALT(HGT)	1 600 (1 373)	1 268 (1 043)	940 (713)	840 (613)

MISSED APPROACH

Climb on R 330 YAG until 2DME, then turn right to DOWON and hold at 6 000 ft. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



							Rate of descent	Knots	60	90	120	150	180
								V/V fpm	330	496	661	826	991
CATEGORY		MDA(H)	A	B	C	D							
STA	FULL	840 (613)	2 100 m				* Timing Not authorized for defining MAPt. * Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.						
	ALS INOP		2 800 m										
Circling			840(600) 2 700 m	840(600) 2 800 m	1 160(920) 4 300 m	1 180(940) 4 600 m							

* Timing Not authorized for defining MAPt.
* Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.

Change : Information of Magnetic course and MAG VAR.

YANGYANG/Intl(RKNY)

VOR RWY 33

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 33 from DOWON		
Fix/Point		Coordinates
DOWON(IAF)		38°05'14.5"N 128°52'13.8"E
10.0D YAG(IF)	BRG 323.00° / 10.00 NM YAG	37°56'45.5"N 128°48'41.3"E
5.0D YAG(FAF)	BRG 323.00° / 5.00 NM YAG	38°00'16.9"N 128°44'11.7"E
2.0D YAG(MAPt)	BRG 323.00° / 2.00 NM YAG	38°02'23.5"N 128°41'29.9"E
THR RWY33	Final Approach Descent Angle 3.11°	38°03'09.2"N 128°40'41.3"E
YAG VOR/DME		38°03'48.0"N 128°39'41.3"E
D2 YAG	R 330 YAG/ 2.00 NM	38°05'22.3"N 128°38'07.6"E
DOWON	R 090 YAG/ 10.00 NM	38°05'14.5"N 128°52'13.8"E