

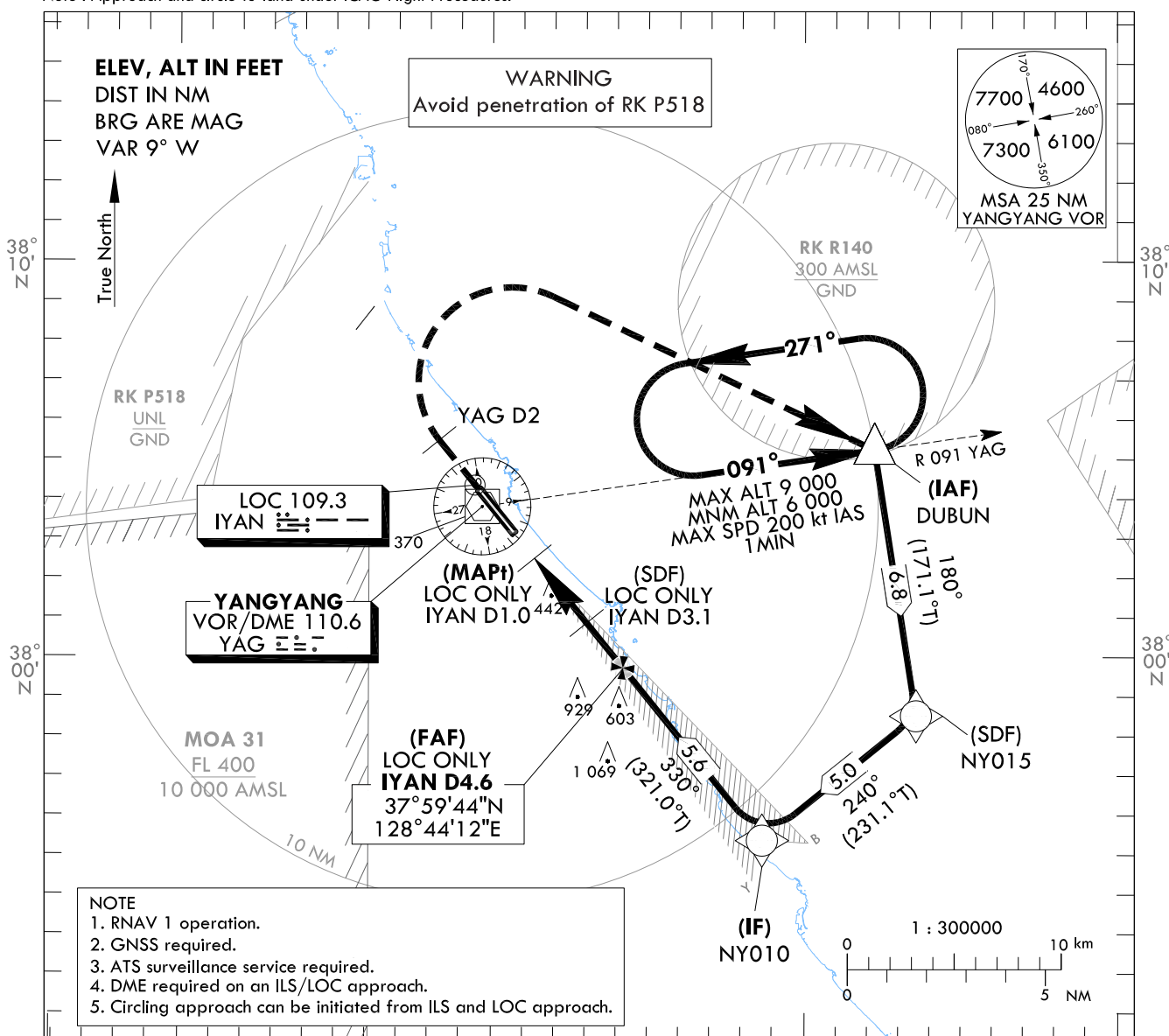
**INSTRUMENT
APPROACH
CHART - ICAO**

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

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

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

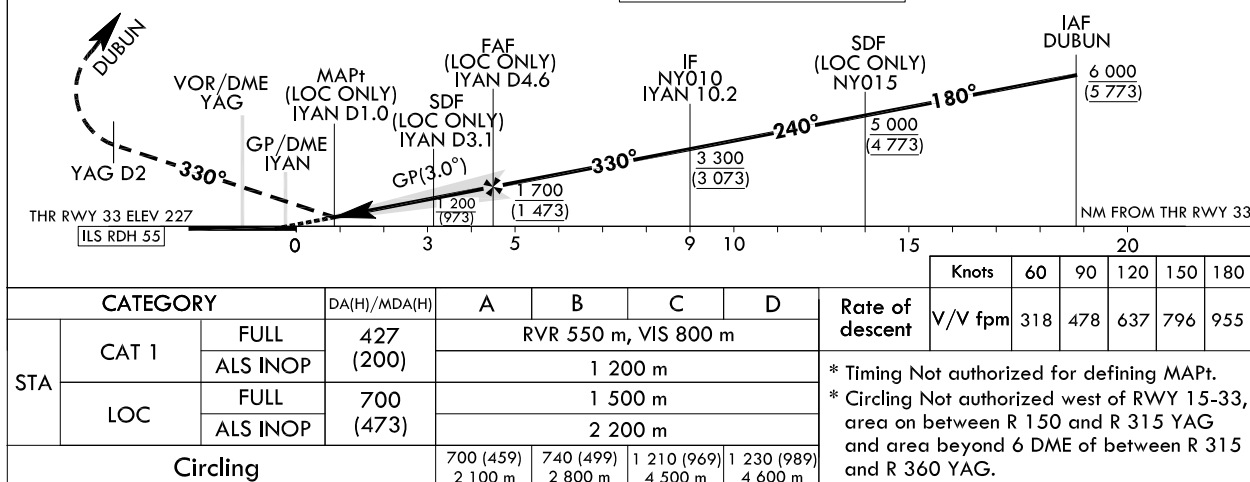
Note : Approach and circle-to-land under ICAO Flight Procedures.



MISSED APPROACH

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

TRANSITION ALT 14 000
TRANSITION LVL FL 140



Change : Information of instrument approach procedure for RWY 33.

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

AERONAUTICAL DATA TABULATION

ILS/LOC Z Approach to RWY 33 from DUBUN		
Fix/Point		Coordinates
DUBUN(IAF)		38°05'14.5"N 128°52'13.8"E
NY015(SDF)		37°58'31.2"N 128°53'33.6"E
NY010(IF)		37°55'22.3"N 128°48'38.8"E
D4.6 IYAN(FAF LOC ONLY)	BRG 329.92° / 4.55 NM IYAN	37°59'43.9"N 128°44'11.5"E
D3.1 IYAN(SDF LOC ONLY)	BRG 329.92° / 3.10 NM IYAN	38°00'51.7"N 128°43'02.1"E
D1.0 IYAN(MAPt LOC ONLY)	BRG 329.92° / 1.00 NM IYAN	38°02'29.7"N 128°41'21.8"E
THR RWY 33		38°03'09.21"N 128°40'41.25"E
IYAN DME		38°03'13.8"N 128°40'30.0"E
D2 YAG	HDG 330	38°05'28.5"N 128°38'18.4"E
DUBUN	R 091 YAG/ 10.00 NM YAG	38°05'14.5"N 128°52'13.8"E

Change : Information of instrument approach procedure for RWY 33.

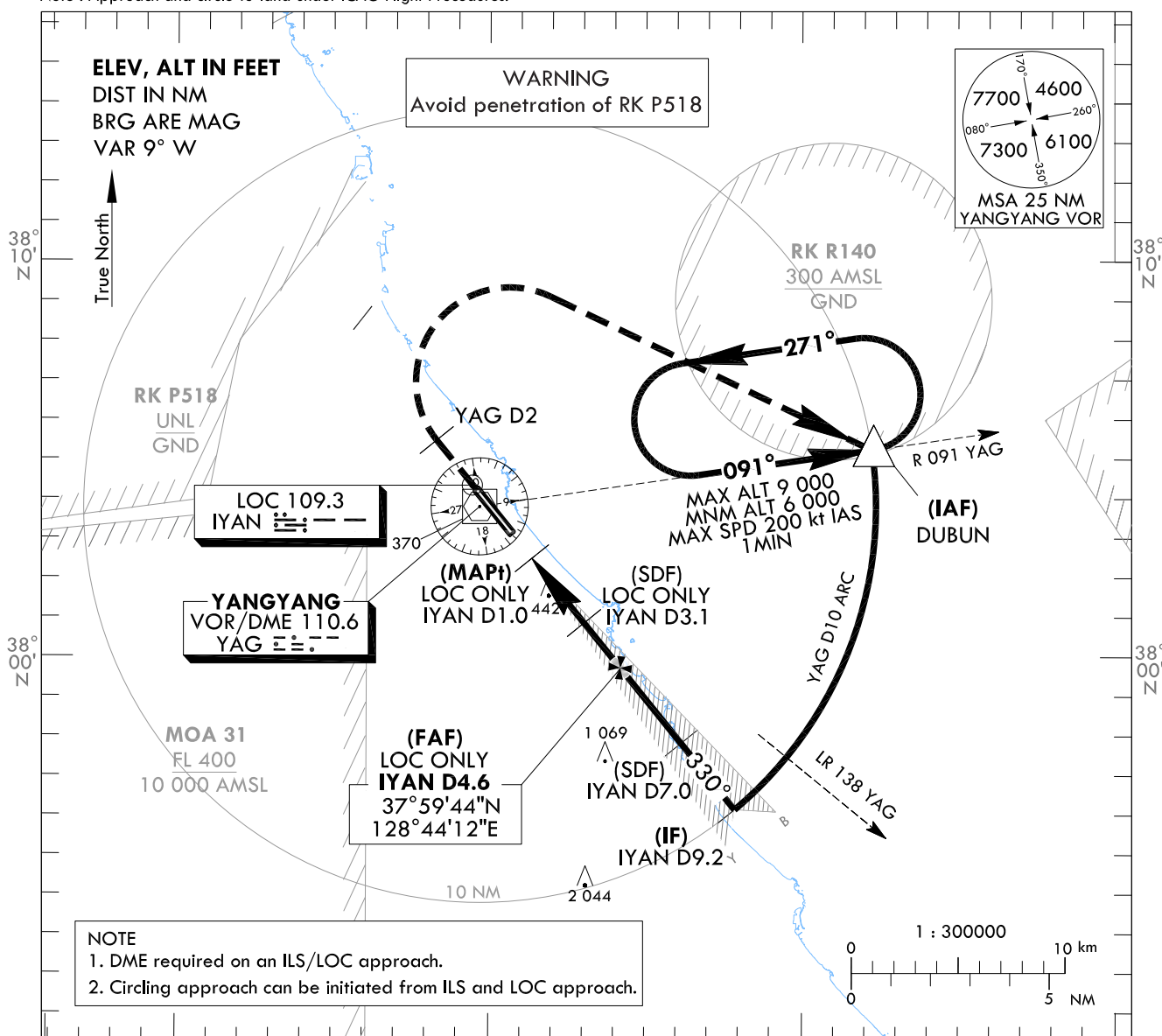
**INSTRUMENT
APPROACH
CHART - ICAO**

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

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

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

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



RECOMMENDED PROFILE(LOC ONLY)				DME IYAN	4	3	2	NOTE Missed approach turn limited to 200 kt IAS maximum.																																																																					
Final Approach Gradient 5.31% (323 ft/NM)				ALT(HGT)	1 523 (1 296)	1 200 (973)	878 (651)																																																																						
MISSED APPROACH Climb straight ahead until YAG D2, then turn right to DUBUN and hold at 6 000 ft. Hold as published.								TRANSITION ALT 14 000 TRANSITION LVL FL 140																																																																					
								<table><tr><td colspan="2"></td><td colspan="5">Knots</td></tr><tr><td colspan="2"></td><td>60</td><td>90</td><td>120</td><td>150</td><td>180</td></tr><tr><td rowspan="4">STA</td><td>CATEGORY</td><td colspan="5"></td></tr><tr><td>DA(H)/MDA(H)</td><td colspan="5"></td></tr><tr><td>A</td><td>B</td><td>C</td><td>D</td><td rowspan="6">Rate of descent V/V fpm</td></tr><tr><td>D</td><td colspan="4"></td></tr><tr><td rowspan="4">CAT 1</td><td>FULL</td><td>427 (200)</td><td colspan="4">RVR 550 m, VIS 800 m</td></tr><tr><td>ALS INOP</td><td></td><td colspan="4">1 200 m</td></tr><tr><td>FULL</td><td>700 (473)</td><td colspan="4">1 500 m</td></tr><tr><td>ALS INOP</td><td></td><td colspan="4">2 200 m</td></tr><tr><td colspan="2">Circling</td><td>700 (459) 2 100 m</td><td>740 (499) 2 800 m</td><td>1 210 (969) 4 500 m</td><td>1 230 (989) 4 600 m</td><td>* 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.</td></tr></table>			Knots							60	90	120	150	180	STA	CATEGORY						DA(H)/MDA(H)						A	B	C	D	Rate of descent V/V fpm	D					CAT 1	FULL	427 (200)	RVR 550 m, VIS 800 m				ALS INOP		1 200 m				FULL	700 (473)	1 500 m				ALS INOP		2 200 m				Circling		700 (459) 2 100 m	740 (499) 2 800 m	1 210 (969) 4 500 m	1 230 (989) 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.
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Change : Information of instrument approach procedure for RWY 33.

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

AERONAUTICAL DATA TABULATION

ILS/LOC Y Approach to RWY 33 from DUBUN		
Fix/Point		Coordinates
DUBUN(IAF)		38°05'14.5"N 128°52'13.8"E
D9.2 IYAN(IF)	BRG 329.92° / 9.16 NM IYAN	37°56'08.9"N 128°47'51.2"E
D7.0 IYAN(SDF)	BRG 329.92° / 7.00 NM IYAN	37°57'49.6"N 128°46'08.4"E
D4.6 IYAN(FAF LOC ONLY)	BRG 329.92° / 4.55 NM IYAN	37°59'43.9"N 128°44'11.5"E
D3.1 IYAN(SDF LOC ONLY)	BRG 329.92° / 3.10 NM IYAN	38°00'51.7"N 128°43'02.1"E
D1.0 IYAN(MAPt LOC ONLY)	BRG 329.92° / 1.00 NM IYAN	38°02'29.7"N 128°41'21.8"E
THR RWY 33		38°03'09.21"N 128°40'41.25"E
IYAN DME		38°03'13.8"N 128°40'30.0"E
D2 YAG	HDG 330	38°05'28.5"N 128°38'18.4"E
DUBUN	R 091 YAG/ 10.00 NM YAG	38°05'14.5"N 128°52'13.8"E

Change : Information of instrument approach procedure for RWY 33.

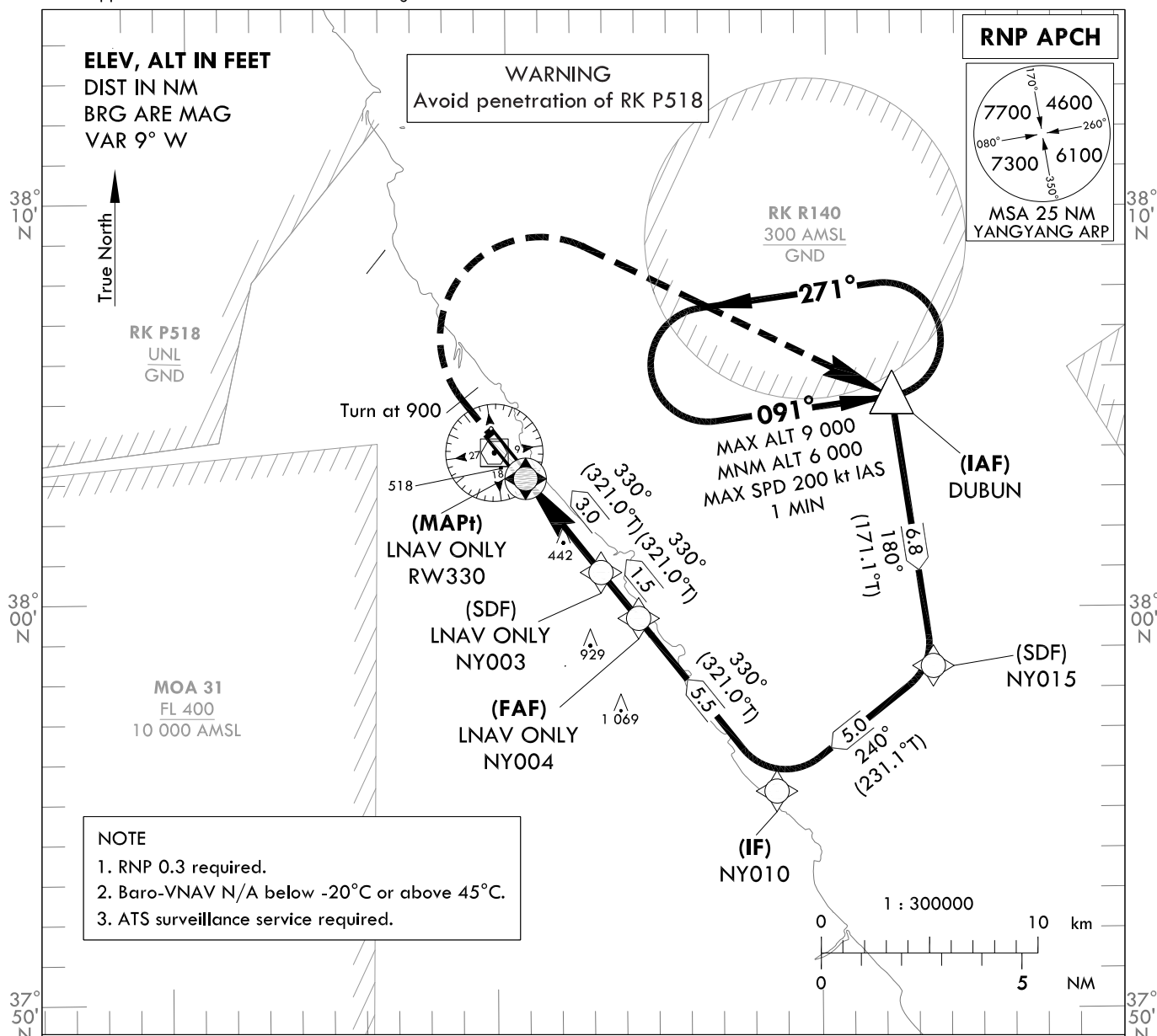
**INSTRUMENT
APPROACH
CHART - ICAO**

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

GANGNEUNG APP 124.6
YANGYANG TWR 118.85
124.375

YANGYANG/Intl(RKNY)
RNP RWY 33

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



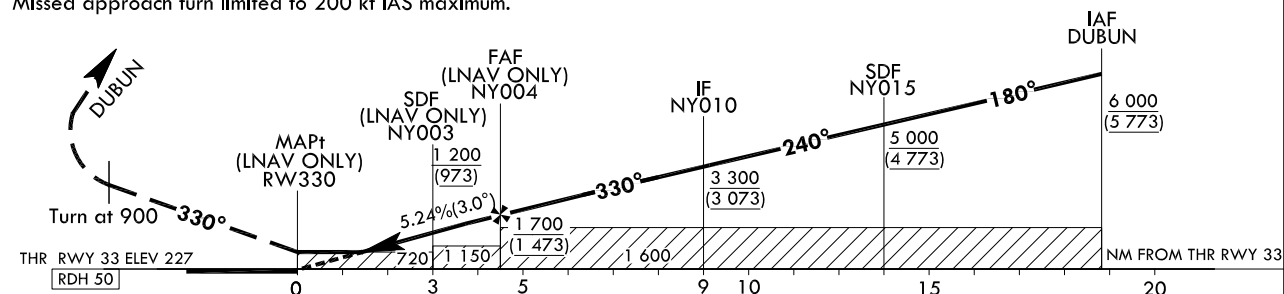
MISSED APPROACH

Climb on HDG 330° to 900 ft, then turn right to DUBUN and hold at 6 000 ft.
Hold as published.

NOTE

Missed approach turn limited to 200 kt IAS maximum.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



								Knots	60	90	120	150	180
CATEGORY			DA(H)/MDA(H)	A	B	C	D	Rate of descent V/V fpm	318	478	637	796	955
STA	LNAV/VNAV	FULL	640	1 200 m									
		ALS INOP	(413)	1 900 m									
	LNAV	FULL	720	1 500 m									
		ALS INOP	(493)	2 300 m									
Circling				720(479) 2 200 m	740(499) 2 800 m	1 210(969) 4 500 m	1 230(989) 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 instrument approach procedure for RWY 33.

YANGYANG/Intl(RKNY)
RNP RWY 33

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 33 - via DUBUN(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	IF	DUBUN	-	-	-	-	+6 000	-	38°05'14.5"N 128°52'13.8"E	-	RNP APCH	IAF
002	TF	NY015	-	180(171.1)	6.8	-	+5 000	-	37°58'31.2"N 128°53'33.6"E	-	RNP APCH	SDF
003	TF	NY010	-	240(231.1)	5.0	-	+3 300	-	37°55'22.3"N 128°48'38.8"E	-	RNP APCH	IF
004	TF	NY004	-	330(321.0)	5.5	-	+1 700	-	37°59'40.6"N 128°44'14.9"E	-	RNP APCH	FAF
005	TF	NY003	-	330(321.0)	1.5	-	+1 200	-	38°00'49.2"N 128°43'04.7"E	-	RNP APCH	SDF
006	TF	RW330	Y	330(321.0)	3.0	-	+720	-	38°03'09.21"N 128°40'41.25"E	-3.00/50	RNP APCH	MAPt
007	VA	ALT	Y	330(321.0)	-	R	+900	-200	-	-	RNP APCH	-
008	DF	DUBUN	Y	-	-	L	@6 000	-200	38°05'14.5"N 128°52'13.8"E	-	RNP APCH	MAHF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (Min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH*	Navigation specification	Remarks
RNP RWY 33	HM	DUBUN	Y	091(081.7)	1	L	-9 000 +6 000	-200	38°05'14.5"N 128°52'13.8"E	-	RNAV 1	1 MIN (Outbound Leg)

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

Change : Information of holding procedure and speed restriction at 900 ft.

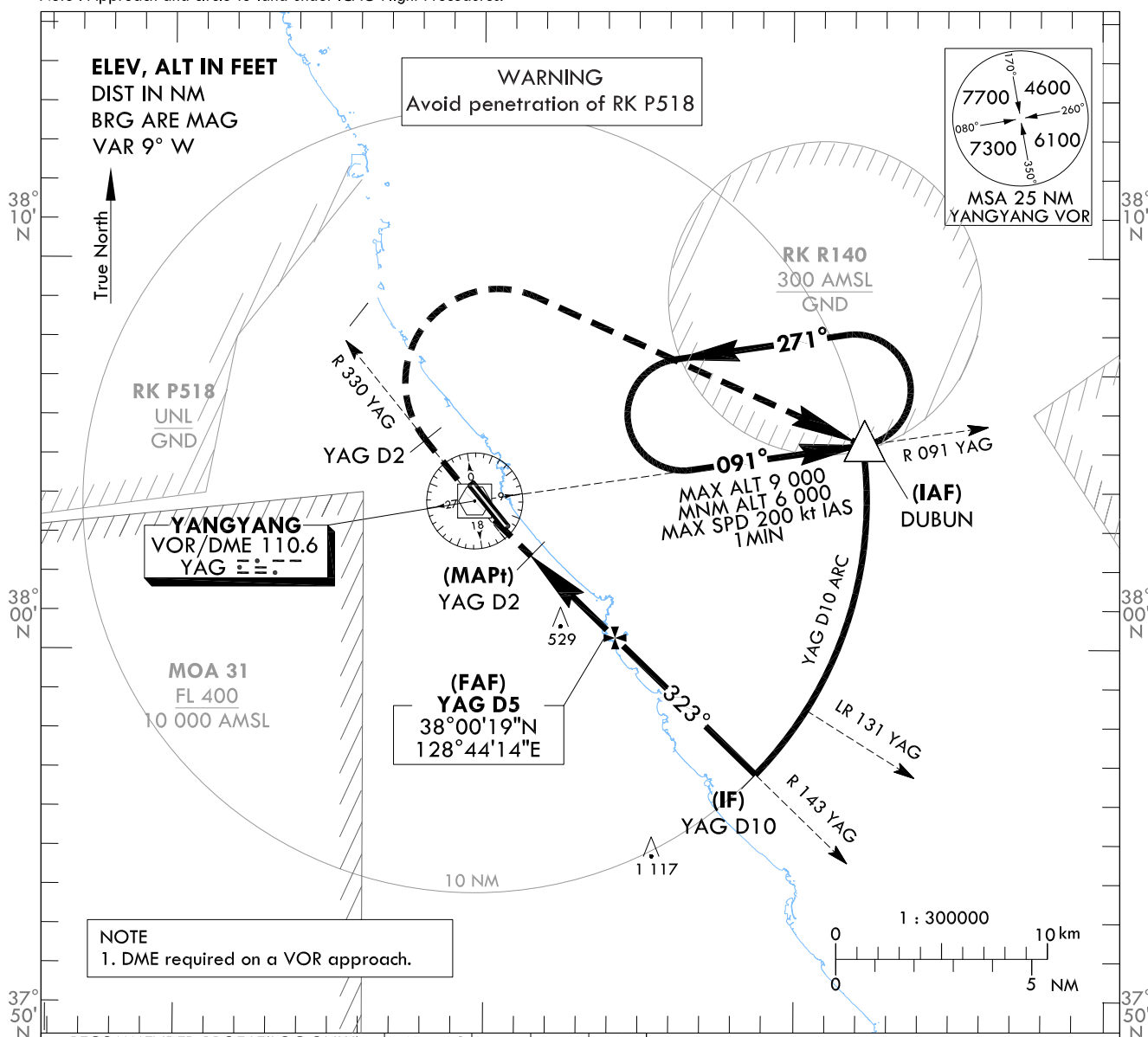
INSTRUMENT APPROACH CHART - ICAO

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(LOC ONLY)		DME YAG		5	4	3	NOTE Missed approach turn limited to 200 kt IAS maximum.
Final Approach Gradient 5.44%, 330 ft/NM		ALT(HGT)	1 600 (1 373)	1 269 (1 042)	938 (711)		

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

TRANSITION ALT 14 000
 TRANSITION LVL FL 140

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	330	496	661	826	991

CATEGORY		MDA(H)	A	B	C	D
STA	FULL	840 (613)	2 100 m			
	ALS INOP		2 800 m			
Circling			840 (599) 2 700 m	840 (599) 2 800 m	1 210 (969) 4 500 m	1 230 (989) 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 instrument approach procedure for RWY 33.

YANGYANG/Intl(RKNY)
VOR RWY 33

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 33 from DUBUN		
Fix/Point		Coordinates
DUBUN(IAF)		38°05'14.5"N 128°52'13.8"E
D10.0 YAG(IF)	BRG 323.00° / 10.00 NM YAG	37°56'49.6"N 128°48'46.6"E
D5.0 YAG(FAF)	BRG 323.00° / 5.00 NM YAG	38°00'18.8"N 128°44'14.2"E
D2.0 YAG(MAPt)	BRG 323.00° / 2.00 NM YAG	38°02'24.3"N 128°41'30.7"E
THR RWY 33	Final Approach Descent Angle 3.11°	38°03'09.21"N 128°40'41.25"E
YAG VOR/DME		38°03'48.0"N 128°39'41.3"E
D2 YAG	R 330 YAG/ 2.00 NM YAG	38°05'21.3"N 128°38'06.0"E
DUBUN	R 091 YAG/ 10.00 NM YAG	38°05'14.5"N 128°52'13.8"E

Change : Information of instrument approach procedure for RWY 33.