INSTRUMENT APPROACH CHART - ICAO

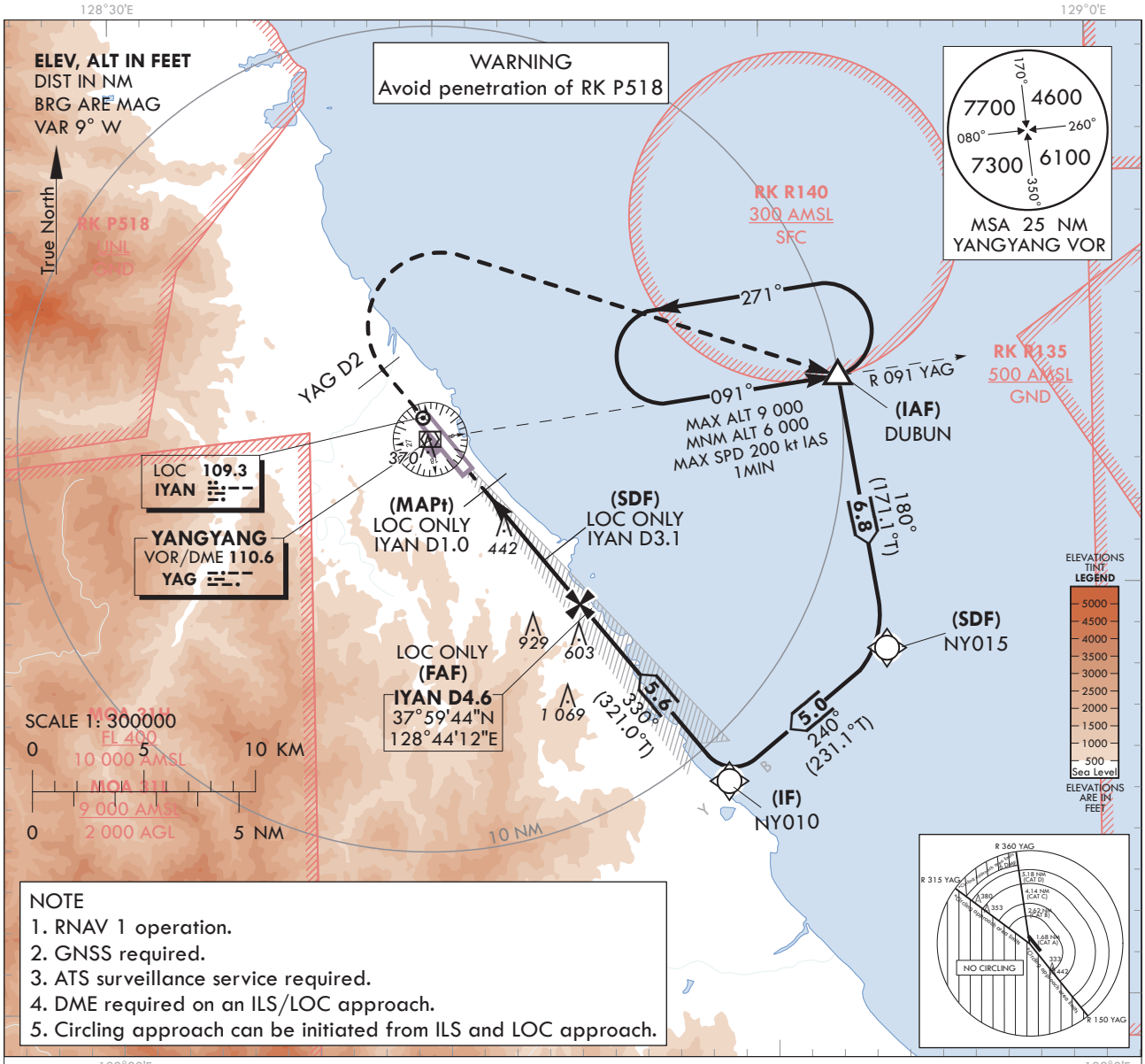
AERODROME ELEV **241** ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

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.



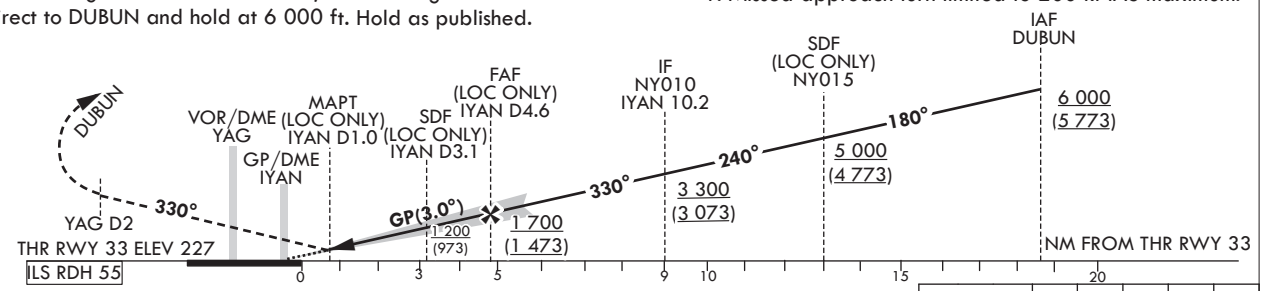
NOTE
1. RNAV 1 operation.
2. GNSS required.
3. ATS surveillance service required.
4. DME required on an ILS/LOC approach.
5. Circling approach can be initiated from ILS and LOC approach.

RECOMMENDED PROFILE(LOC ONLY)	DME IYAN	4	3	2
Final Approach Gradient 5.31%(323 ft/NM)	ALT(HGT)	1 523 (1 296)	1 200 (973)	878 (651)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

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

NOTE
1. Missed approach turn limited to 200 kt IAS maximum.



CATEGORY			DA(H)/MDA(H)	A	B	C	D
STA	CAT 1	FULL	427 (200)	RVR 550 m, VIS 800 m			
		ALS INOP		1 200 m			
	LOC	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

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	318	478	637	796	955

*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 : Establishment of no circling area.

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

INSTRUMENT APPROACH CHART - ICAO

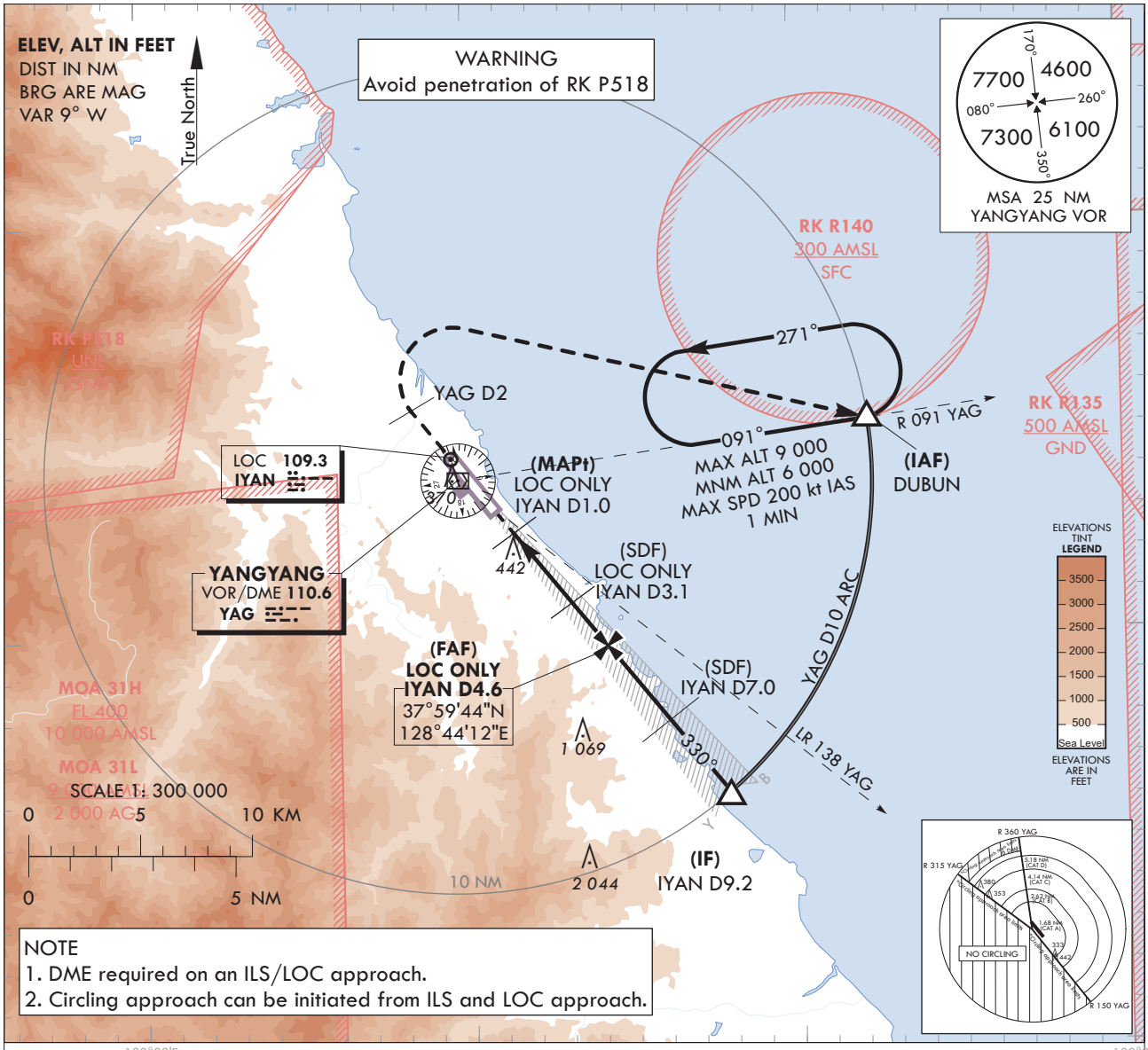
AERODROME ELEV **241** ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

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.

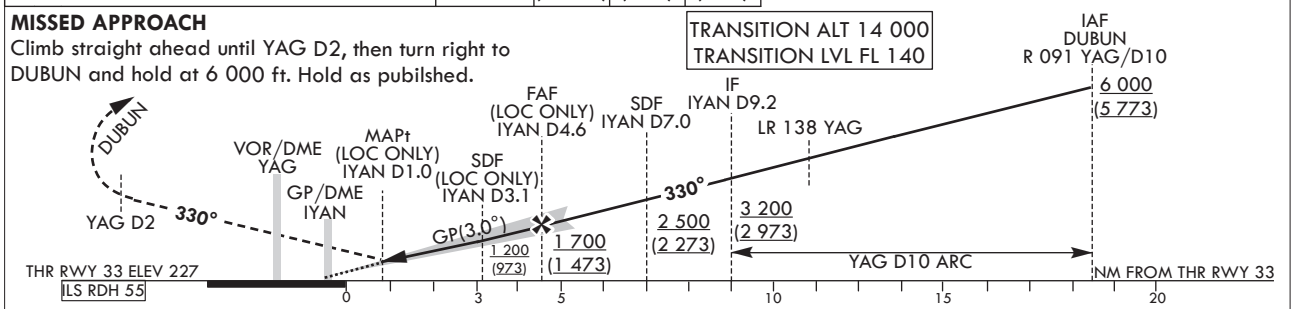


NOTE
1. DME required on an ILS/LOC approach.
2. Circling approach can be initiated from ILS and LOC approach.

RECOMMENDED PROFILE(LOC ONLY)	DME IYAN	4	3	2
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 523 (1 296)	1 200 (973)	878 (651)

NOTE
Missed approach turn limited to 200 kt IAS maximum.

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



Knots	60	90	120	150	180
V/V fpm	318	478	637	796	955

Rate of descent

CATEGORY			DA(H)/MDA(H)	A	B	C	D
STA	CAT 1	FULL	427 (200)	RVR 550 m, VIS 800 m			
		ALS INOP		1 200m			
	LOC	FULL	700 (473)	1 500m			
		ALS INOP		2 200m			
Circling				700(459) 2 100m	740(499) 2 800m	1 210(969) 4 500m	1 230(989) 4 600m

*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 : Establishment of no circling area and Amended phrases(DME YAG → DME IYAN, recommend → recommended).

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

INSTRUMENT APPROACH CHART - ICAO

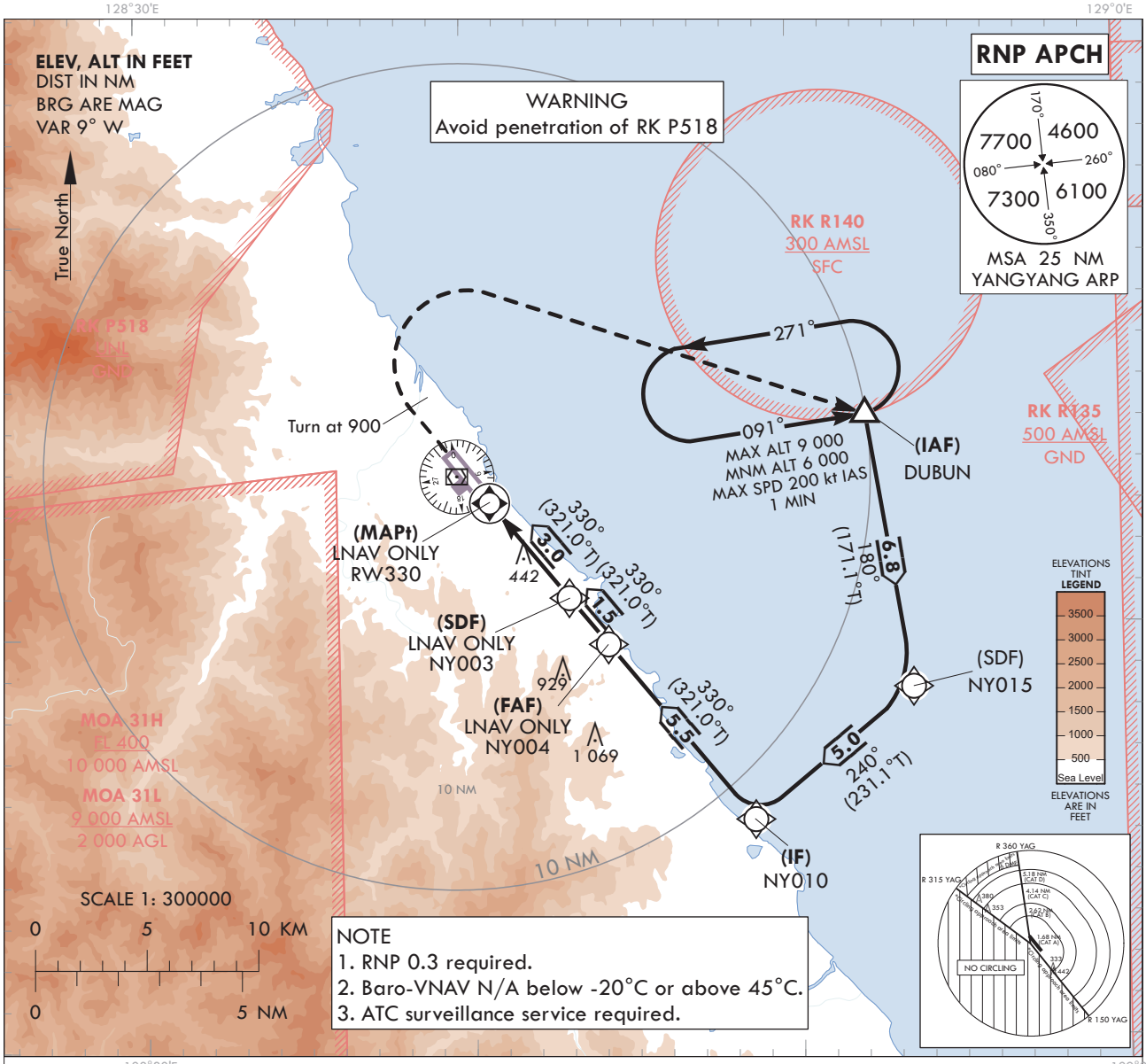
AERODROME ELEV **241 ft**
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

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.

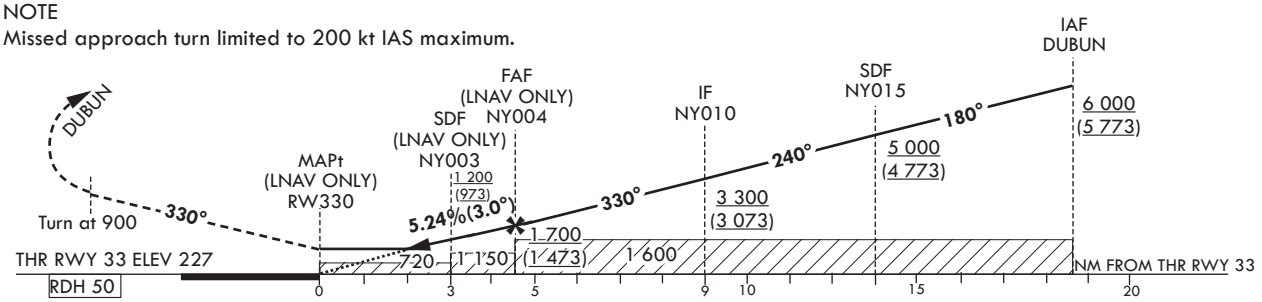


NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.
3. ATC surveillance service required.

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

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
Missed approach turn limited to 200 kt IAS maximum.



Knots	60	90	120	150	180
Rate of descent V/V fpm	318	478	637	796	955

CATEGORY			DA(H)/MDA(H)	A	B	C	D
STA	LNAV/VNAV	FULL	640 (413)	1 200 m			
		ALS INOP		1 900 m			
	LNAV	FULL	720 (493)	1 500 m			
		ALS INOP		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 : Establishment of no circling area.

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.

INSTRUMENT APPROACH CHART - ICAO

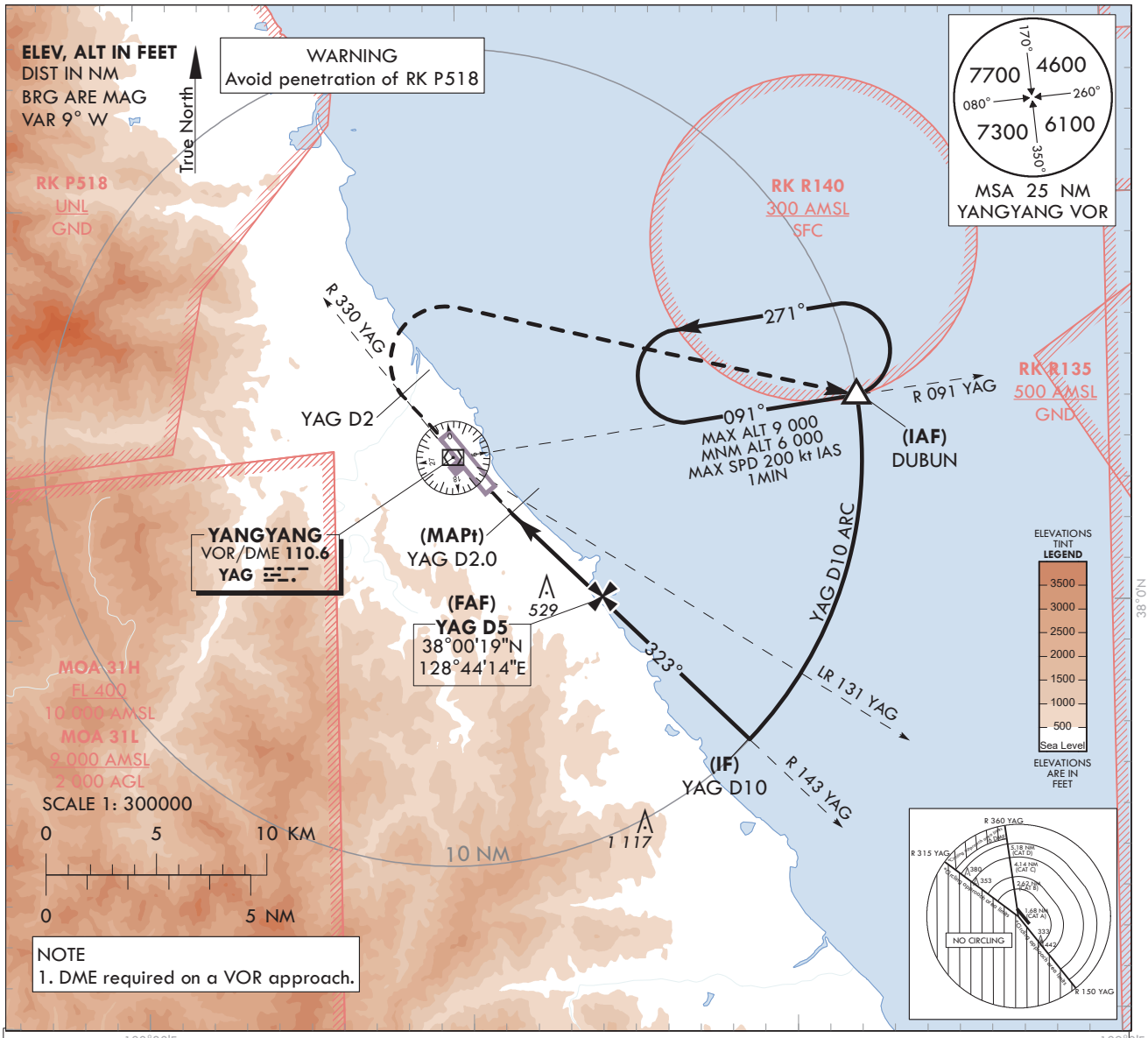
AERODROME ELEV **241** ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

GANGNEUNG	APP	124.6
YANGYANG	TWR	118.85
		124.375

YANGYANG/Intl(RKNY)

VOR RWY 33

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

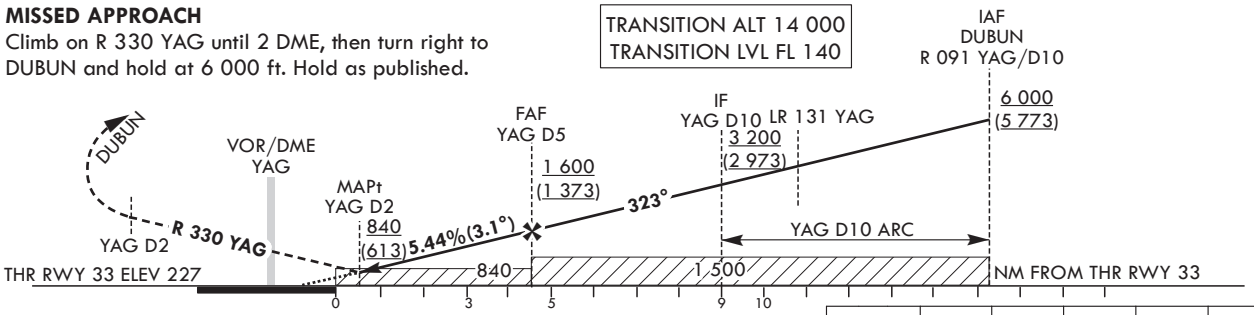


RECOMMENDED PROFILE	DME YAG	5	4	3
Final Approach Gradient 5.44%, 330 ft/NM	ALT(HGT)	1600 (1 373)	1 269 (1 042)	938 (711)

NOTE
Missed approach turn limited to 200 kt IAS maximum.

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 : Withdrawal of phrase(LOC ONLY).

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