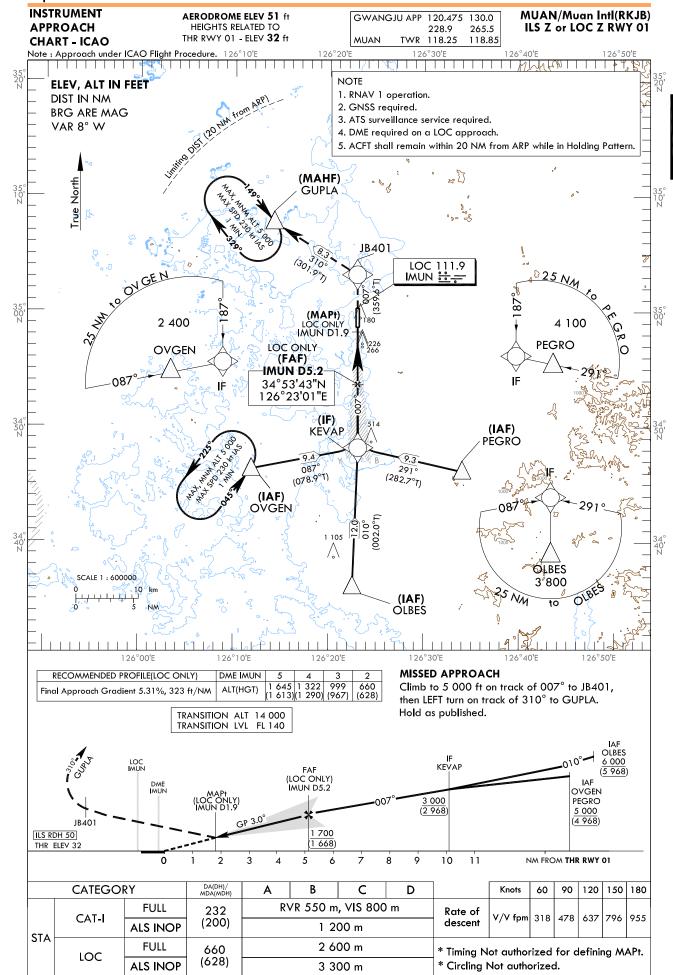


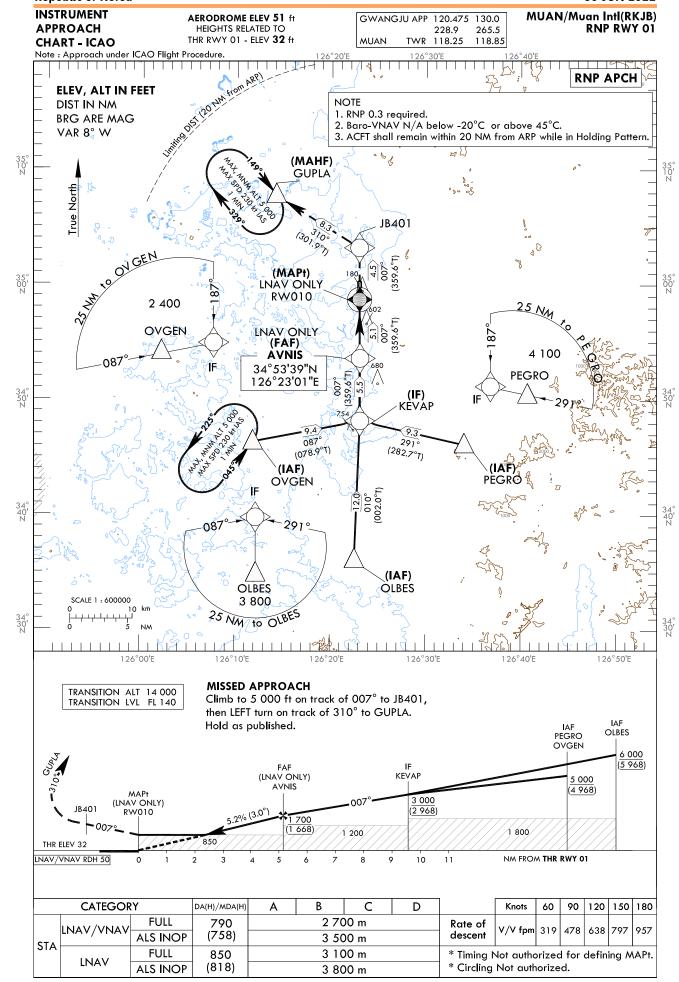
MUAN/Muan Intl(RKJB) ILS Y or LOC Y RWY 01

ILS	S Y or LOC Y Approach to RWY 01 from OVGEN,	OLBES or PEGRO	
	Fix/point	Coord	dinates
OVGEN(IAF)	R 225 MUN /15.4 NM MUN	34°46'22.2"N	126°11'47.9"E
OLBES(IAF)	R 189 MUN /22.5 NM MUN	34°36'08.1"N	126°22'32.0"E
PEGRO(IAF)	R 152 MUN /15.4 NM MUN	34°46'09.0"N	126°34'02.1"E
D13.7 IMUN(SDF)	BRG 7.10°/13.7 NM IMUN	34°45'11.5"N	126°23'04.1"E
D10.7 IMUN(IF)	BRG 7.10°/10.7 NM IMUN	34°48'10.9"N	126°23'03.3"E
D5.2 IMUN(FAF LOC ONL	LY) BRG 7.10°/5.2 NM IMUN	34°53'42.6"N	126°23'00.5"E
D1.9 IMUN(MAPt LOC Of	NLY) BRG 7.10°/1.9 NM IMUN	34°56'59.1"N	126°22'59.2"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
THR RWY 01	Final approach descent angle 3.04° (LOC ONLY)	34°58'43.64"N	126°22'58.45"E
IMUN DME		34°58'53.2"N	126°22'53.8"E
IMUN LOC		35°00'23.1"N	126°22'57.8"E
D3.5 MUN	HDG 007		-
GUPLA	HDG 297/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E



MUAN/Muan Intl(RKJB) ILS Z or LOC Z RWY 01

ILS Z or LOC	Z Approach to RWY 01 from OVGEN,	OLBES or PEGRO	
Fix/	point	Coord	linates
OVGEN(IAF)		34°46'22.2"N	126°11'47.9"E
OLBES(IAF)		34°36'08.1"N	126°22'32.0"E
PEGRO(IAF)		34°46'09.0"N	126°34'02.1 " E
KEVAP(IF)	BRG 7.10°/10.69 NM IMUN	34°48'10.9"N	126°23'03.3"E
D5.2 IMUN(FAF LOC ONLY)	BRG 7.10°/5.17 NM IMUN	34°53'42.6"N	126°23'00.5"E
D1.9 IMUN(MAP+ LOC ONLY)	BRG 7.10°/1.90 NM IMUN	34°56'59.1"N	126°22'59.2"E
THR RWY 01 Final appro	ach descent angle 3.04°(LOC ONLY)	34°58'43.64"N	126°22'58.45"E
IMUN DME		34°58'53.2"N	126°22'53.8"E
IMUN LOC		35°00'23.1"N	126°22'57.8"E
JB401		35°03'13.1"N	126°22'56.4"E
GUPLA		35°07'37.8"N	126°14'18.1 " E



MUAN/Muan Intl(RKJB) RNP RWY 01 HOLDING PROCEDURE

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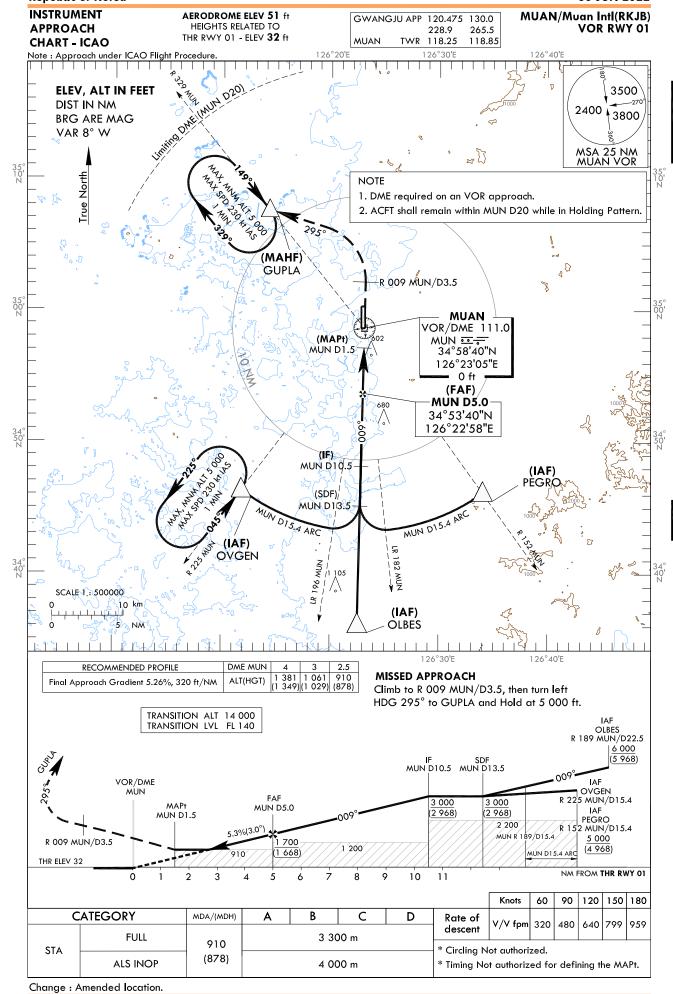
	Remarks	IAF	브
	VPA/ Navigation RDH specification	RNP APCH	RNP APCH
	VPA/ RDH		1
	Coordinates	34°46'22.2"N 126°11'47.9"E	34°48'10.9"N 126°23'03.3"E
	Speed (kt)	1	1
	Altitude (ft)	+5 000	+3 000
	Track Distance Turn Altitude Speed (NM) direction (ft) (kt)		1
	Distance (NM)	1	3.9) 9.4
	Course/Track °M(°T)		087(078.9)
'AP(IF)	Fly- over		
GEN to KEV	Waypoint Identifier	OVGEN	KEVAP -
RNP RWY 01 - via OVGEN to KEVAP(IF)	Serial Path Waypoint Fly- Course/Tro Number Descriptor Identifier over °M(°T)	L	Ħ
RNP RWY C	Serial Number	100	005

Serial Jumber	Path Descriptor	Waypoint Fly- Identifier over	Fly- over	Waypoint Fly- Course/Track Distance Turn Altitude Speed Identifier over $^{\mathcal{M}}$ (IN) (NM) direction (ff) (kt)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	VPA/ Navigation RDH specification	Remarks
100	ш	OLBES	•	ı	i	ı	000 9+	į	34°36'08.1"N 126°22'32.0"E	i	RNP APCH	IAF
002	TF	KEVAP		010(002.0)	12.0	ı	000 £+	ı	34°48'10.9"N 126°23'03.3"E	ı	RNP APCH	Ŧ

				ı
	Remarks	IAF	≝	
	Navigation specification	RNP APCH	RNP APCH	
	VPA/ RDH	1	ı	
	Coordinates	34°46'09.0"N 126°34'02.1"E	34°48'10.9"N 126°23'03.3"E	
	Speed (kt)			
	Altitude (ft)	+5 000	+3 000	
	Turn direction	i	ı	
	Distance (NM)		9.3	
	Course/Track °M(°T)	•	291(282.7)	
Ar(III)	Fly- over	-		
ANO IO NEV	Waypoint Identifier	PEGRO	KEVAP	
KINT KWI UI - VIG FEGRO IO NEVARU	Serial Path Waypoint Fly- Course/Tr Jumber Descriptor Identifier over °M(°T)	IF	1F	
יו אא דווא	Serial Number	100	003	

	Waypoint Identifier	Fly- over	Serial Path Waypoint Fly- Course/Iraak Distance Turn Altitude Number Descriptor Identifier over °M("T) (NM) direction (ft)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	VPA/ Navigation RDH specification	Remarks
	KEVAP		1	ı	ı	+3 000		34°48'10.9"N 126°23'03.3"E		RNP APCH	≝
Ľ	AVNIS	1	007(359.6)	5.5		+1 700		34°53'38.8"N 126°23'00.8"E	·	RNP APCH	FAF
Ľ Ľ	RW010	>	RW010 Y 007(359.6)	5.1	1	+850	1	34°58'43.64"N 126°22'58.45"E -3.00/50 RNP APCH	-3.00/50	RNP APCH	MAP†
	JB401	١.	007(359.6)	4.5	ı	ı	1	35°03'13.1"N 126°22'56.4"E	•	RNP APCH	ı
Ľ.	GUPLA	>	GUPLA Y 310(301.9)	8.3	ı	ı		35°07'37.8"N 126°14'18.1"E	ı	RNP APCH	•
5	HM GUPLA Y 149(>	149(141.1)	1	~	@2 000	-230	35°07'37.8"N 126°14'18.1"E		RNP APCH	1 MIN (Outbound timing)

OLDING PROCEDUR	Щ			•									
lolding ntification	Path Descriptor	Waypoint Identifier	Fly- over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks	
RWY 01	¥	OVGEN	>	045 (037.0)	-	7	@5 000	-230	34°46'22.2"N 126°11'47.9"E	ı	RNAV 1	ı	

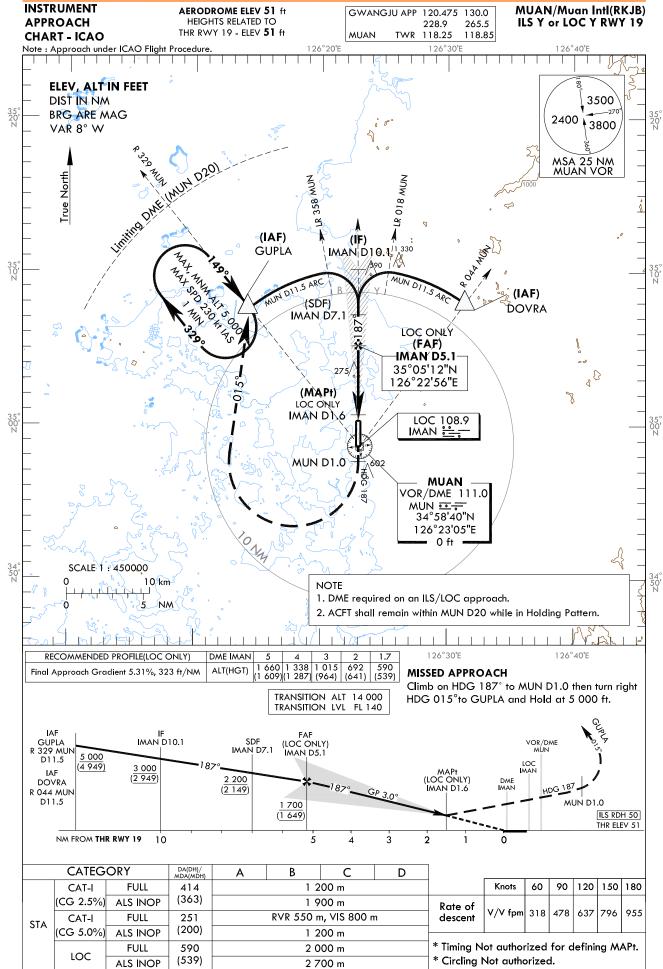


MUAN/Muan Intl(RKJB) VOR RWY 01

AERONAUTICAL DATA TABULATION

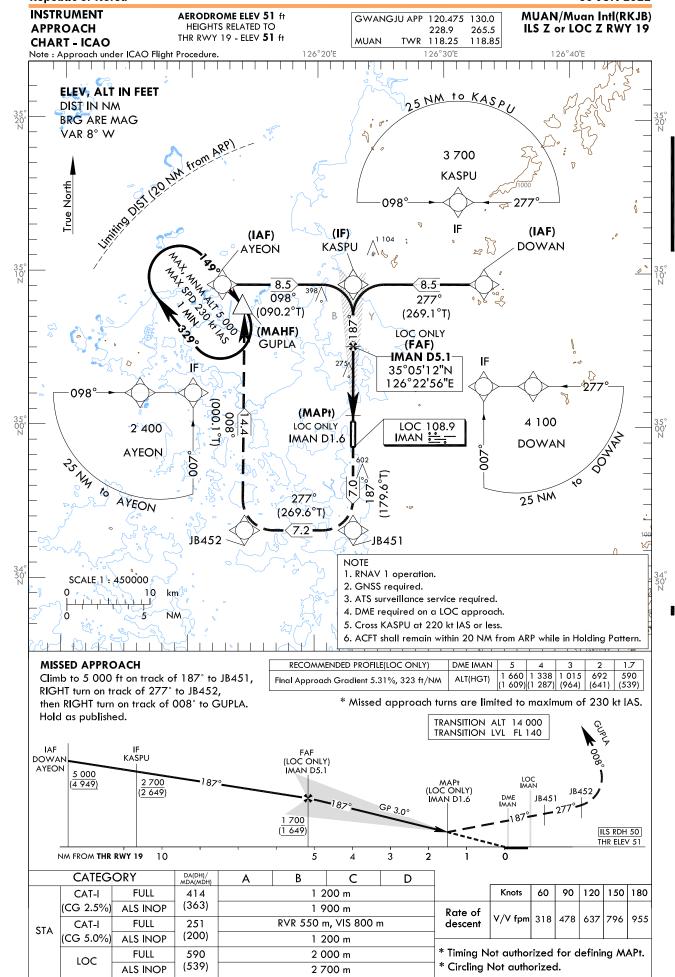
	VOR Approach to RWY 01 from OVGEN, OLB	ES or PEGRO	
	Fix/point	Coord	dinates
OVGEN(IAF)	R 225 MUN /15.4 NM MUN	34°46'22.2"N	126°11'47.9"E
OLBES(IAF)	R 189 MUN /22.5 NM MUN	34°36'08.1"N	126°22'32.0"E
PEGRO(IAF)	R 152 MUN /15.4 NM MUN	34°46'09.0"N	126°34'02.1"E
D13.5 MUN(SDF)	R 189 MUN/13.5 NM MUN	34°45'08.9"N	126°22'45.3"E
D10.5 MUN(IF)	R 189 MUN/10.5 NM MUN	34°48'09.1"N	126°22'49.8"E
D5.0 MUN(FAF)	R 189 MUN/5.0 NM MUN	34°53'39.6"N	126°22'57.9"E
D1.5 MUN(MAPt)	R 189 MUN/1.5 NM MUN	34°57'09.9"N	126°23'03.1"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
THR RWY 01	Final approach descent angle 3.01°	34°58'43.64"N	126°22'58.45"E
D3.5 MUN	r 009 mun /3.5 nm mun	35°02'10.2"N	126°22'57.2"E
GUPLA	HDG 294.81/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E

Change: Establishment of final approach descent angle.



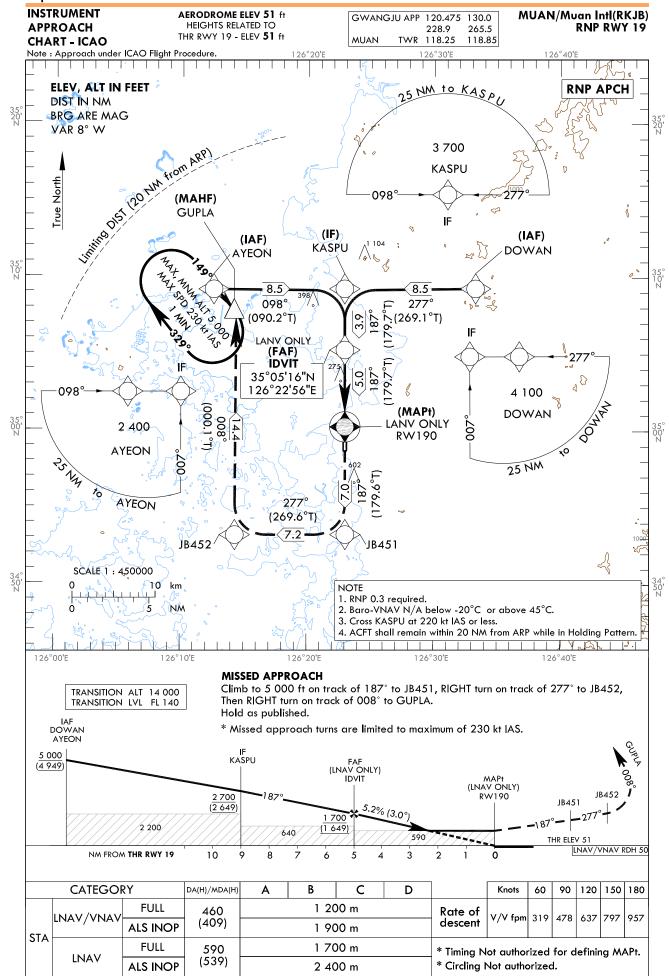
MUAN/Muan Intl(RKJB) ILS Y or LOC Y RWY 19

ILS Y or	LOC Y Approach to RWY 19 from GUP	LA or DOVRA	
Fix/	point	Coord	linates
GUPLA(IAF)	R 329 MUN /11.5 NM MUN	35°07'37.8"N	126°14'18.1"E
DOVRA(IAF)	R 044 MUN /11.5 NM MUN	35°07'57.8"N	126°31'22.0"E
D10.1 IMAN(IF)	BRG 187.14°/10.14 NM IMAN	35°10'11.0"N	126°22'53.2"E
D7.1 IMAN(SDF)	BRG 187.14°/7.14 NM IMAN	35°07'13.4"N	126°22'54.7"E
D5.1 IMAN(FAF LOC ONLY)	BRG 187.14°/5.12 NM IMAN	35°05'12.3"N	126°22'55.7"E
D1.6 IMAN(MAPt LOC ONLY)	BRG 187.14°/1.60 NM IMAN	35°01'40.5"N	126°22'57.2"E
THR RWY 19 Final appro	ach descent angle 3.04°(LOC ONLY)	35°00'14.49"N	126°22'57.82"E
IMAN DME		35°00'04.3"N	126°22'53.3"E
IMAN LOC		34°58'35.0"N	126°22'58.5"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
D1.0 MUN	HDG 187		-
GUPLA	HDG 015/11.5 NM MUN	35°07'37.8"N	126°14'18.1 " E



MUAN/Muan Intl(RKJB) ILS Z or LOC Z RWY 19

ILS Z or LOC Z Approach to RWY 19 from AYEC	ON or DOWAN	
Fix/point	Coord	dinates
AYEON(IAF)	35°09'10.2"N	126°12'32.1"E
DOWAN(IAF)	35°09'16.1"N	126°33'16.0"E
KASPU(IF)	35°09'07.5"N	126°22'54.1"E
D5.1 IMAN(FAF LOC ONLY) BRG 187.14°/5.12 NM IMAN	35°05'12.3"N	126°22'55.7"E
D1.6 IMAN(MAPt LOC ONLY) BRG 187.14°/1.60 NM IMAN	35°01'40.5"N	126°22'57.2"E
THR RWY 19 Final approach descent angle 3.04° (LOC ONLY)	35°00'14.49"N	126°22'57.82"E
IMAN DME	35°00'04.3"N	126°22'53.3"E
IMAN LOC	34°58'35.0"N	126°22'58.5"E
JB451	34°53'13.8"N	126°23'01.0"E
JB452	34°53'10.9"N	126°14'17.1"E
GUPLA	35°07'37.8"N	126°14'18.1"E

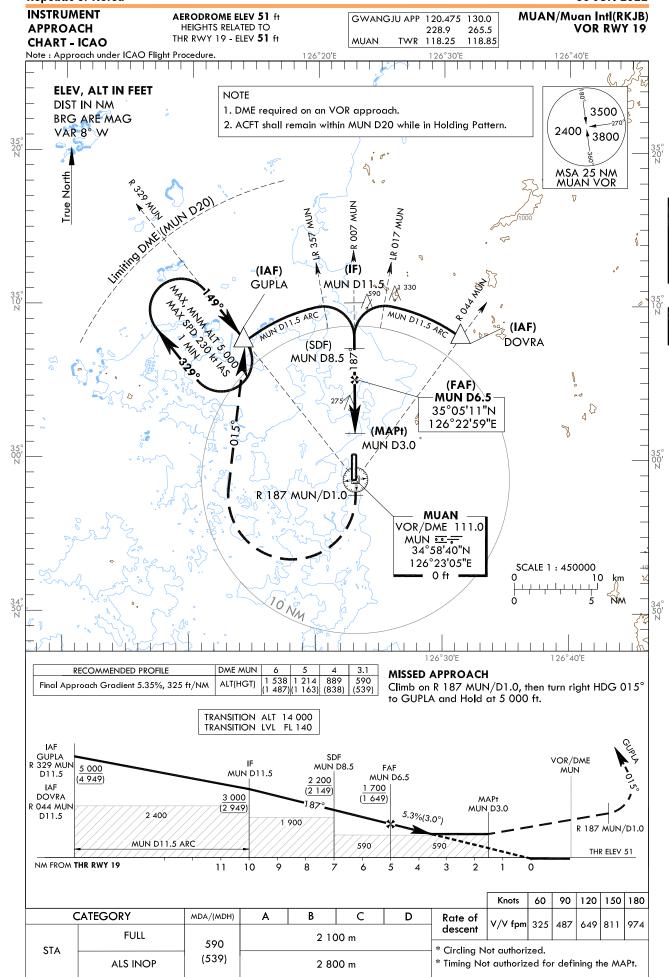


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	1	Course /Track	Track Distance	T	A 14:4:4.	Conn		/ VD /	Naviorisa	
	over	John Manuel Descriptor Identifier over "M("T)"	(NM)	direction	(ft) (kt)	(kt)	Coordinates	RDH	RDH specification	Remarks
DOWAN		ı	ı	i	+5 000	i	35°09'16.1"N 126°33'16.0"E	İ	RNP APCH	IAF
		277(269.1)	8.5	1	+2 700	-220	35°09'07.5"N 126°22'54.1"E	1	RNP APCH	L

Serial Jumber	Serial Path Waypoint Fly- C Number Descriptor Identifier over	Waypoint Identifier	Fly- over	Course/Track Distance °M(°T) (NM) c	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	VPA/ Navigation RDH specification	Remarks
100	브	AYEON	٠		1	-	+5 000	ı	35°09'10.2"N 126°12'32.1"E	1	RNP APCH	IAF
002	Ħ	KASPU	,	098(090.2)	8.5	1	+2 700	-220	35°09'07.5"N 126°22'54.1"E	1	RNP APCH	뜨

Seria	Poth	Wavnoint	<u>т</u>	Course/Track	Track Distance	Turn		Speed		VPA/	Navigation	
Jumper	Descriptor	Number Descriptor Identifier over "M(°	over	°M(°T)	(NW)	ġ	(f t)	(kt)	Coordinates	RDH	specification	Remarks
002	ŦL	KASPU		1	1	ı	+2 700	-220	35°09'07.5"N 126°22'54.1"E	1	RNP APCH	브
003	¥	IDVII		187(179.7)	3.9	1	+1 700	ı	35°05'15.9"N 126°22'55.7"E		RNP APCH	FAF
004	Ħ	RW190	>	187(179.7)	5.0	1	+590		35°00'14.49"N 126°22'57.82"E -3.00/50 RNP APCH	-3.00/50	RNP APCH	MAPt
900	Ħ	JB451		187(179.6)	7.0	ı	1	-230	34°53'13.8"N 126°23'01.0"E		RNP APCH	
900	#	JB452		277(269.6)	7.2		1	-230	34°53'10.9"N 126°14'17.1"E		RNP APCH	ı
200	¥	GUPLA	>	008(000.1)	14.4	ı	ı	-230	35°07'37.8"N 126°14'18.1"E	,	RNP APCH	ı
800	¥H	GUPLA		γ 149(141.1)	-	~	@2 000	-230	35°07'37.8"N 126°14'18.1"E		RNP APCH	NIN L



MUAN/Muan Intl(RKJB) VOR RWY 19

AERONAUTICAL DATA TABULATION

	VOR Approach to RWY 19 from GUPLA or	r DOVRA	
	Fix/point	Coord	dinates
GUPLA(IAF)	R 329 MUN /11.5 NM MUN	35°07'37.8"N	126°14'18.1"E
DOVRA(IAF)	R 044 MUN /11.5 NM MUN	35°07'57.8"N	126°31'22.0"E
D11.5 MUN(IF)	R 007 MUN/11.5 NM MUN	35°10'11.0"N	126°22'53.2"E
D8.5 MUN(SDF)	R 007 MUN/8.5 NM MUN	35°07'13.6"N	126°22'56.3"E
D6.5 MUN(FAF)	R 007 MUN/6.5 NM MUN	35°05'10.6"N	126°22'59.5"E
D3.0 MUN(MAPt)	R 007 MUN/3.0 NM MUN	35°01'40.2"N	126°23'02.2"E
THR RWY 19	Final approach descent angle 3.06°	35°00'14.49"N	126°22'57.82"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
D1.0 MUN	R 187 MUN /1.0 NM MUN	34°57'39.9"N	126°23'06.3"E
GUPLA	HDG 014.75/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E

Change: Establishment of final approach descent angle.