

by Flyingdeuk

GMP - CJU	CJU - GMP
CJU - KWJ	KWJ - CJU
CIN - CII	CJJ - CJU
GMP - PUS	PUS - GMP
CJU - TAE	TAE - CJU
CJU - PUS	PUS - CJU
ICN - PUS	PUS - ICN
ICN - KIX	KIX - ICN
ICN - NRT	NRT - ICN
ICN - CTS	CTS - ICN
ICN - HND	HND - ICN

ICN - CTS CTS - ICN						
ICN - HND - ICN						
Welcome PA						
Cold Temp	Correction					
Meter/Feet	Conversion					
Cold Wx (Operation					
ENG ON ENG OFF Deicing Deicing						

RKSS(GMP) 59ft RKPC(CJU) 119ft KF GMP 131.15 **KF CIU 129.4** DCL -15분 가능 TOBT 5분 차이시 CTC Comm Rwv 32R Takeoff (06:00L~0900L / 12:00L~15:00L /18:00L~21:00L) GMP: SID (NADP 1) BULTI xT 324 324 5000 324 32L/R (BULTI xQ) 324 324 5000 324 **BULTI xU** 144 144 6000 144 14L/R (BULTI xZ) 144 144 6000 144

32R

110.7

242

APRON(130.875) -> GND(121.9) -> TWR (All by ATC)

CJU: STAR YUMIN

DUKAL

07 109.9

10433'

10499'

11811'

141

109.9

238

14L/R: KIP144/4, R220

P73 /2

14R

108.7

234

14R(34')

14L(38')

Back

DOTOL 160

DOTOL/-10 160

25 111.3

25(76')

32L

108.3

241

32L(41')

32R(42')

DOTOL xP

DOTOL xT

07(87')

07: P6(5176'), P5(5882'), P4(6840'-ATC HIRO) 25: P7(5219'), P8(5882'), P10(7524'-ATC HIRO) Entering Rapid TWY CTC GND 121.675 (STOP x) HST 40KTS

32L/R: KIP324/5, R220

YIU R271

KIP

113.6

HUD

ILS Z 07

ILS Z 25

YDM 109.0

HUD

RKPC(CJU) 119ft RKSS(GMP) 59ft **KF CIU 129.4** KE GMP 131.15 DCL -10분 Rwv 32L Landing (06:00L~0900L / 12:00L~15:00L /18:00L~21:00L) CJU: SID (NADP 1) 07 KAMIT xF 066 066 10000 066 25 KAMIT xW 246 246 10000 246 07 109.9 25 111.3 YDM 109.0 287 276 25: YDM246/3, R290 07: NONE HUD 07(87') 10433' 25(76') 07: Passing G4 CTC TWR 25:31 Holding PSN on P, E1,2,3 CTC TWR YONGDAM Back CRS-290 **GMP: STAR** 32L/R **OLMEN xT** BUMSI **OLMEN 160** 14L/R OLMEN XU DOKDO **OLMFN 160** 32L 14L 14R **KIP** 32R 113.6 108.3 110.7 109.9 108.7 32L(41') 10499' 14R(34') HUD

32R(42') 11811'

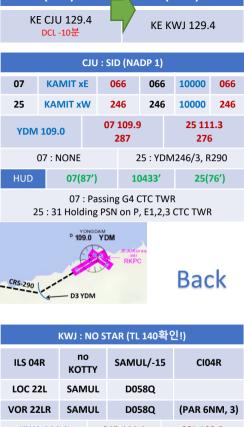
14L(38')

KIP /8(32L/R), YJU R271, P73 /2

32L: D3(6532'), E2(9117'), 32R: E1(6614') 14L: C1(6578')

32L/R: 8 KIP L/G, 14R: LOC CAPT L/G

FAF: Final Flap TWR -> GND -> APRON (All by ATC) Except RWY14R Landing (Until R)



RKJJ(KWJ) 48ft

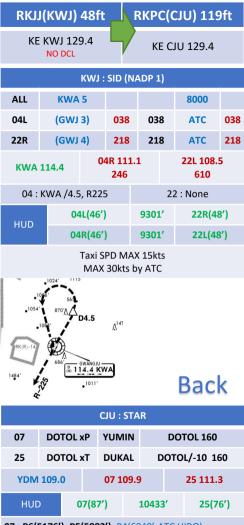
RKPC(CJU) 119ft

KWA 114.4 04R 111.1 22L 108.5 04R(46') 9301' 22L(48') HUD 22R(48') 04L(46') 9301'

TAXI MAX 15 kts (Max 30kts by ATC)

04R: SAMUL(CLR Limit)

End of RWY Vacating 9301' LOC 22L: 3.3도, VOR 22L/R: 3.29도(22R offset, PAR!!)

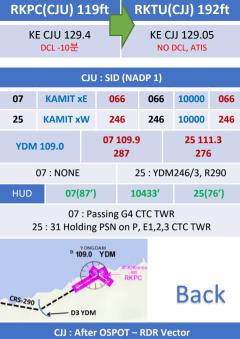


07: P6(5176'), P5(5882'), P4(6840'-ATC HIRO)

25: P7(5219'), P8(5882'), P10(7524'-ATC HIRO)

Entering Rapid TWY CTC GND 121.675 (STOP x)

HST 40KTS



ILS Z 06L

ILS Z 24R

CHO 119.0

HUD

NO STAR

(MATIZ x)

NO STAR

(MATIZ x)

06L(166')

06R(173')

Req full length Landing (Vacate End of RWY)

Entering TWY A3, B3, B4, C3, D3 change GND freq

06L: B3 (6443'), A3 (8786') 24R: C3 (6230'), D3 (8825')

180 BACK LINE 주의

06L 110.3

OSPOT

(JIKJI tx)

OSPOT

(HYEIN tx)

9003'

9003'

RKTU(CJJ) 192ft

TU761 / BAKJO (STAR 안줌)

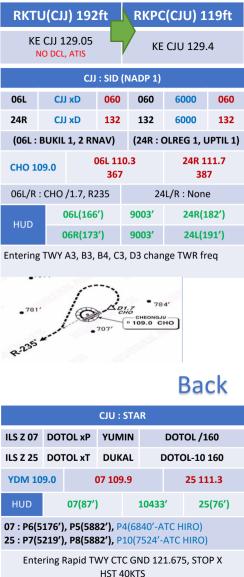
HYFIN

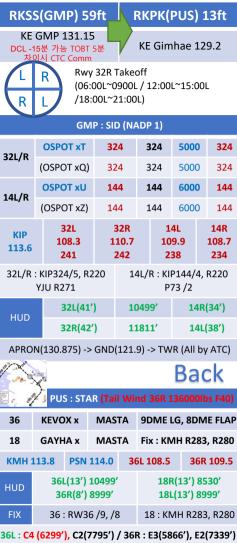
(STAR 안줌)

24R(182')

24L(191')

24R 111.7





36L : C4 (6299'), C2(7795') / 36R : E3(5866'), E2(7339') 18R : C6(5770'), C7 (6824') / 18L : E4(5882'), E5(8792') Vacate C3,C4 by ATC only. Max Taxi SPD 20KTS C2 HOLD SHORT 가까움(Vacate TaxiSPD)



HUD

KIP /8(32L/R), YJU R271, P73 /2

32L/R: 8 KIP L/G, 14R: LOC CAPT L/G

32L: D3(6532'), E2(9117'), 32R: E1(6614') 14L: C1(6578')

FAF: Final Flap

TWR -> GND -> APRON (All by ATC) Except RWY14R Landing (Until R)

32L(41')

32R(42')

10499'

11811'

14R(34')

14L(38')

RKPC(CJU) 119ft **RKTN(TAE) 120ft KF CIU 129.4**

DCL -10분

KF TAF 129 2

CJU: SID (NADP 1)

07 MAKET XE 066 066 9000 066 MAKFT xW 25 246 246 ATC 246

25 111.3 07 109.9 YDM 109.0 287 276

07: NONE 25: YDM246/3, R290 HUD 07(87') 10433' 25(77')

07: Passing G4 CTC TWR





13R(111') 3.3

13L(112')

TAE : NO STAR										
31		TGU/-10	CF31L222/7	CF31L						
13		TGU/-10	YAWAN							
DOC 116.5 TGU 112.2			31L 108.7	13R 108.7						

9039'

8999

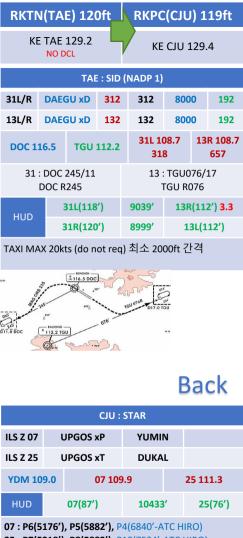
HUD

31L: D1(8848'), 13R: A1(8772')

13R ILS 3.3도 PAPI 3.3도 (산악지형 주의) TAXI MAX 20kts (do not reg) 최소 2000ft 가격

31L(118')

31R(120')



25: P7(5219'), P8(5882'), P10(7524'-ATC HIRO) Entering Rapid TWY CTC GND 121.675, STOP X

HST 40KTS

KE CJU 129.4 KF Gimhae 129 2 DCL -10분 CJU: SID (NADP 1) ٥7 **AKPON xF** 066 066 9000 066 246 25 AKPON xW 246 ATC 246 07 109.9 25 111.3 YDM 109.0 287 276 07: NONE 25: YDM246/3, R290 HUD 07(87') 10433' 25(76') 07: Passing G4 CTC TWR 25: 31 Holding PSN on P. E1.2.3 CTC TWR D 109.0 YDM RKPC Back CRS-290 | D3 YDM

RKPK(PUS) 13ft

RKPC(CJU) 119ft

PUS: STAR (Tail WInd 36R 136000lbs F40) 36 KEVOX x ANROD 9DME LG, 8DME FLAP

18 **GAYHA** x ANROD Fix: KMH R283, R280

PSN 114.0 KMH 113.8 36L 108.5 36R 109.5

36L(13') 10499' 18R(13') 8530' HUD

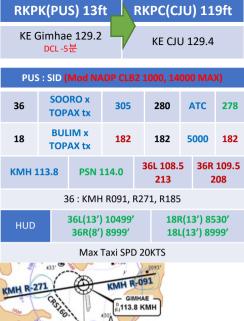
18L(13') 8999' 36R(8') 8999'

36: RW36/9./8 18: KMH R283, R280

36L: C4 (6299'), C2(7795') / 36R: E3(5866'), E2(7339')

18R: C6(5770'), C7 (6824') / 18L: E4(5882'), E5(8792')

Vacate C3,C4 by ATC only. Max Taxi SPD 20KTS C2 HOLD SHORT 가까움(Vacate TaxiSPD)



Back

25(76')

CJU: STAR

UPGOS xP YUMIN

ILS Z 07

UPGOS xT DUKAL

ILS Z 25

07 109.9 25 111.3

HST 40KTS

YDM 109.0

HUD 07(87') 10433'

07: P6(5176'), P5(5882'), P4(6840'-ATC)

25: P7(5219'), P8(5882'), P10(7524'-ATC)

Entering Rapid TWY CTC GND 121.675, STOP X

RKPK(PUS) 13ft RKSI(ICN) 23ft **KE ICN 131.5** KF Gimhae 129.2 DCL -10분 TOBT 5분 차이시 CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) OSPOT 5500/ 33L/R 333 333 333 xE/A ATC 34L/R OSPOT xY 333 333 ATC 333 15L/R OSPOT xC 153 153 5000 153 16L/R OSPOT xH 153 153 5000 153 **NCN** 33L 33R 15L 15R 113.8 109.3 108.9 111.9 109.1 WNG 34L 34R 16L 16R 112.9 109.95 108.1 110.35 108.55 33L/R: NC05L/R, R242 34L/R: WNG333/4.6, R242 **YJU R271** YJU R271 33L/R 34L(23') 15L/R 16R(23') 12303 HUD 34R (23') 13123' 16L (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) Back PUS: STAR(Tail Wind 36R 136000lbs F40) 9DME LG. 8DME FLAP 36 KEVOX x MASTA Fix: KMH R283, R280 18 GAYHA x MASTA **KMH 113.8 PSN 114.0** 36L 108.5 36R 109.5 36L(13') 10499' 18R(13') 8530' HUD 36R(8') 8999' 18L(13') 8999' 36: RW36/9,/8 18: KMH R283, R280 36L: C4 (6299'), C2(7795') / 36R: E3(5866'), E2(7339')

18R: C6(5770'), C7 (6824') / 18L: E4(5882'), E5(8792') Vacate C3,C4 by ATC only, Max Taxi SPD 20KTS

C2 HOLD SHORT 가까움(Vacate TaxiSPD)



34R(23')

FIX RWY /8, /6 , YJU R271

33R : C4(7529'), C5(8513'), 33L : B5('), B6(')

15L : C2(7522'), C1(8536'), 15R : B3('), B2(')

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 6NM 160kts, Parr TAXI 10kts이상, HIRO

13123'

16L(23')

RKSI(ICN) 23ft RJBB(KIX) 17ft										
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm										
1	CN : SII) (33/	34 N	ADP 1	., 15	/16	NADP	2)		
33L/R	EGO xE/		3	33	3	33	5500 ATO	•	333	
34L/R	EGOB	A xY	3	33	3	33	ATO	2	333	
15L/R	EGOB	АхС	1	53	1	53	500	0	153	
16L/R	EGOB	A xH	1	53	1	53	500	0	153	
NC 113		33 109	_	33I 108			5L 1.9	:	15R 109.1	
WN 112		34 109				6L).35				
	: NC05L YJU R27		42	34L,	/R :		333/4 R271	•	, R242	
HUD	33L/R	34L(2	3')) 12303' 15L/R 16R(23')				3')		
пор	34R (2	3′)		13123′ 16		16L	5L (23')			
F	Parallel	TWY 1	OKTS	이상	(R1	7 MA	X 15k	ts)		
							Ba	C	k	
	KIX:	STAR	(SAE	KI 170), R/	ANDY	150)			
061	-	ALIS	A B		BER	RY	I	LS '	Y 06L	
06F	₹	ALIS	A A		ALL	AN	II	LS Y	Y 06R	
24L/	'R	ALIS	A C	ı	MA۱	/AH	ILS	S Z	24L/R	
HUI		(06L(1	L5')	131	23'	24R(2	23'))	
пор			06R(5')	114	83'	24L(24L(12')		

06L: B8(5160'), B6(6751'), 24R: B7(5318'), B9(6751')

06R: A7(5137'), A6(6938'), 24L: A8(5269'), A9(6976')

RWY06: After 2500ft L/G DN, After 1500ft L/D FLAP

TAXI RTE 1, 2

RJBB(KIX) 17ft				RKSI(ICN) 23ft				
KE KIX 130.95 DCL -15분				7	KE ICN 131.5			
	KE	X : SID	– sc	יוחכ	A tx (NADP 1	.)	
06L/R	HELE	N x	05	8	058		TC 00)	058
24L/R	- SOU	JA tx	23	8	238		TC (00)	238
KI 111	_	06I 108		_	06R 08.1	24 110	_	24R 108.5
HUD	06L(15')	1	1312	23'		24R(23')
1100	06R	(5')	1	1312	23'		24L (12')
		APU S	Start	, TA	XI RT	E 1, 2		
						E	3a	ck
			ICN	l : Sī	ΓAR			
33/34	(SUKDO) xE		ENPIL			KDO 180
15/16	C	SUKDO) xH	MUNAN		INAN	GUI	KDO 180
NCN 113.8		33L 09.3		33 108		15 111	_	15R 109.1
WNG 112.9		34L 19.95		34 108		16 110.	_	16R 108.55
HUD	33	33L/R 34L(23')			12303'		15L/R 16R(23')	
		34R(23')			13	123′	16	5L(23')
FIX	RW'	Y /8, /6	5 , YJ	JU R	271			
33R : C4 15L : C2				• •			• •	

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 6NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft RJAA(NRT) 135ft **KE ICN 131.5** KE Tokvo 131.70 DCL -10분 TOBT 5분 차이시 CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) **FGOBA** 5500/ 33L/R 333 333 333 xE/A ATC FGORA xY 34L/R 333 333 ATC 333 15L/R FGOBA xC 153 153 5000 153 16L/R FGOBA xH 153 153 5000 153 331 151 15R NCN **33R** 111.9 113.8 109.3 108.9 109.1 WNG 34L 34R 16L 16R 112.9 109.95 108.1 110.35 108.55 33L/R: NC05L/R. R242 34L/R: WNG333/4.6. R242 **YJU R271** YJU R271 33L/R 34L(23') 12303' 15L/R 16R(23') HUD 34R (23') 13123' 16L (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) Back NRT HAKKA 330, YAGAN 240, LIVET 210, SWAMP 150 SWAMP F FLGAR 34L/R ILS 34L/R(Z) (SWAMP T) (TYLER) SWAMP G **GFMIN** 16L/R ILS Z 16L/R (SWAMP N) (NORMA) 16L(135') 8202' 34R(141') HUD 16R(130') 13123' 34L(139') 16L: ITM 4 / 34R: ITJ 14. 4 (DME) FIX 16R: IKF 4 / 34L: IYQ 12. 4 (DME) 16L: B6(6433'), B7(7017'), 34R: B4(5849'), B2(6778') 16R: A6(6076'), A7(7624'), 34L: A5(6167'), A4(7641') L/D DOWN before 14/12 DME, L/D FLAP 4 DME Arrival Taxi RTE in Jeppesen

RKSI(ICN) 23ft RJAA(NRT) 135ft KE Tokvo 131.70 **KF ICN 131 5** DCL -15분 KIX : SID – ENPAR tx (NADP 1) 16L/R 157 157 ATC 157 TFTRA x ENPAR tx 34L/R 337 337 7000/ATC 337 NRF 16L 16R 34L **34R** 117.9 110.7 111.5 111.9 110.9 16L(135') 8202' 34R(141') HUD 16R (130') 13123 34L (139') 34R: CLB 220/10000, A4R21/22/23 220KTS 확인 Verity ENPAR tx TETRA 12000A APU Start, TAXI RTE 1, 2, 3, 4 RWY 별 DEP RTE Back ICN: STAR GUKDO xF **FNPIL GUKDO 180** 33/34 15/16 GUKDO xH MUNAN **GUKDO 180** NCN 33L 33R 15L 15R 113.8 109.3 108.9 111.9 109.1 WNG 34L 34R 16L 16R 112.9 110.35 108.55 109.95 108.1 15L/R 33L/R 34L(23') 12303' 16R(23') HUD 34R(23') 13123' 16L(23') RWY /8, /6, YJU R271 33R : C4(7529'), C5(8513'), 33L : B5('), B6(') 15L: C2(7522'), C1(8536'), 15R: B3('), B2(')

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507')

16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444')

8NM 180kts, 6NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft RJCC(CTS) 70ft									
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm									
I	CN : SII) (33/	34 N.	ADP 1	, 15	/16 r	NADP	2)	
33L/R	EGO xE/		3	33	3	33	5500 ATO	•	333
34L/R	EGOB	A xY	3	33	3	33	ATO		333
15L/R	EGOB	A xC	1	53	1	.53	500	0	153
16L/R	EGOB	A xH	1	53	1	.53	500	0	153
NC 113		33 109	_	33I 108			5L 1.9		15R 109.1
WN 112		34 109	-	34I 108	-	_	6L).35	1	16R 108.55
33L/R	: NC05L YJU R21		.42	34L,	/R :		333/4 R271		, R242
==	33L/R	34L(2	3')	1230	12303' 15L/R 16R(23')			3')	
HUD	34R (2	3′)		1312	3′	16L	(23')		
F	Parallel	TWY 1	OKTS	이상	(R1	7 MA	X 15k	ts)	
							В	a	ck
	C	TS : S	TAR (19R f	or C	AT II	1)		
01R		TEI SC JKII W			YO ot Y	TEI OSEI	ILS	S Y,	/Z 01R
19L	YUI	NAVER(170) YUNEY SOUTH (KAORY A)		1 '	KAC YUN KAC		I	LS	Z 19L
HUD		01R(57') 01L(62')			984	13'			(77') (82')
01R: B4(5278'), B3(7047'), 19L: B8(5177'), B9(7119') 01L: A5(5538'), A4(6961'), 19R: A7(5390'), A8(6873')									
Do not Cross 01L/19R After L/D (No TWY)									

TAXI to Gate Via D(J) or G

RKSI(ICN) 23ft RJCC(CTS) 70ft Chitose Oper 132.05 **KF ICN 131 5** NO DCL -5분 CTS: SID (NADP 1) **DALBI** x 002 002 ATC 002 ALL SLIVIT x 182 182 **ATC** 182 SOSHU x 19L CHF 01R 01L 19R 116.9 110.75 109.35 110.9 111.5 01R(57') 19L(77') HUD 9843' 01L(62') 19R(82') APU. Deicing at the Gate R/H turn DCT to HWE -> Confirm R/H Turn ND Back ICN: STAR 33/34 GUKDO xF **FNPIL GUKDO 180** 15/16 GUKDO xH MUNAN **GUKDO 180** NCN 33L 33R 15L 15R 111.9 113.8 109.3 108.9 109.1

WNG 34L 34R 16L

16R 112.9 110.35 108.55 109.95 108.1

15L/R 33L/R 34L(23') 12303'

34R(23') 13123' 16L(23')

HUD

16R(23')

RWY /8, /6, YJU R271

33R : C4(7529'), C5(8513'), 33L : B5('), B6(')

15L: C2(7522'), C1(8536'), 15R: B3('), B2(') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507')

16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 6NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft RJTT(HND) 21ft									
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm									
	CN : SII) (33/	34 N.	ADP 1	, 15	/16	NADP	2)	
33L/R	EGO xE/		3	33	3	33	5500 ATO	•	333
34L/R	EGOB	A xY	3	33	3	33	ATC	:	333
15L/R	EGOB	АхС	1	53	1	53	500	0	153
16L/R	EGOB	A xH	1	53	1	.53	500	0	153
NC 113		33 109	_	33I 108			5L 1.9		15R 109.1
WN 112		34L 109.95		34 108		_	6L).35	1	16R 108.55
•	: NC05L YJU R27		42	34L,	/R :		333/4 R271	1.6	, R242
6	33L/R	34L(2	3′)	12303' 15L/R 16R(23')			23')		
HUD	34R (2	3′)		13123' 16L (2		(23')			
F	Parallel	TWY 1	OKTS	이상	(R1	7 MA	X 15k	ts)	
							B	a	ck
	HND:	SPENS	220	(Prim	nary	STA	R, API	P)	
34L	OSHI	MA xk	(KAIH	0	ILS X	[
22	OSHI	MA xE	3	васо	N	LDA	W(RN	IV	W 22)
16R	OSH	IMA R		NATT	Υ	RNP	(R16I	RT)	
23		-	ı	DANO	N	LDA	W(RN	IV	W 23)
	3	4L(18	') 98	43′		16	R(77') 8	268'
HUD	3	4R(21	') 98	43′		16	5L(19') 9	744'
	:	22(35'	820)2'		2	3(55')	82	202'

34L: L12(6515'), L13(7165'), 22: B4(6207'), B3(6830')

16R: L5(5147'), L3(6361'), 23: D5(5072'), D3(6391') 180kts, 160kts limit APP Chart, GND Freq 차트 있음

RJTT(HND) 21ft RKSI(ICN) 23ft Delta Oper 132.075 **KF ICN 131 5** DCL -15분 HND: SID - NADP 1 **RFKI A x RWY** RWY RWY ALL ATC H/D OPPAR x H/D CRS **HMF** 341 16R **34R** 161 22 23 112.2 111.7 111.55 108.9 111.95 108.1 110.5 34L(18') 9843' 16R(77') 8268' HUD 34R(21') 9843' 16L(19') 9744' 22(35') 8202' 23(55') 8202' 34L: HME 351/1.1, R095, 34R: HME R080, R095, 22: HME /2.2 R185 34R BEKLA: KAIJI 230kts, TORAM Flap5 SPD 16L: BEKLA: PLUTO 230kts Back ICN: STAR 33/34 GUKDO xF **FNPIL GUKDO 180** 15/16 GUKDO xH MUNAN **GUKDO 180 NCN** 33L 33R 15L 15R 109.3 111.9 109.1 113.8 108.9 34R WNG 34L 16L 16R 112.9 109.95 108.1 110.35 108.55 15L/R 33L/R 34L(23') 12303' 16R(23') HUD 34R(23') 13123' 16L(23') RWY /8, /6, YJU R271 33R: C4(7529'), C5(8513'), 33L: B5('), B6(') 15L: C2(7522'), C1(8536'), 15R: B3('), B2(') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 6NM 160kts, Parr TAXI 10kts이상, HIRO

WELCOME 방송 WELCOME ANNOUNCEMENT 손님 여러분 안녕하십니까? 저는 기장 입니다. 저희 대한항공을 이용해 주셔서 대단히 감사한니다. 여러분을 목적지 (국제)공항까지 안전하게 모시기 위해 최선을 다하겠습니다. 감사합니다.

Good morning (afternoon /evening), ladies and gentlemen.

This is captain last name speaking.

flight is airport.			
un porti			

Please enjoy the flight. Thank you.

RKSS 서울/김포국제 RJBB 오사카/간사이

서울/인천국제 도쿄/하네다 RKSI RJTT

제주국제 도쿄/나리타 RJAA

RKPC

삿포로/신(뉴) 치토세 부산/김해국제 RJCC **RKPK**

RKTU 청주국제

RKII 광주

대구국제 RKTN

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COLD TEMP CORRECTION 1/2 Min 은 반드시 수정 (중간 고도 CORRECTION은 PIC 결정) Missed App 고도는 ATC 협조 필요 GMP 32L (261') / 32R (262') / 14R (254') 32L/R മറററ O -5 -10 R14 n -5 -10 CJU 07 (307') / 25 (296') n -5

-10

06L

-5

-10

24R

n

-5

-10

ICN. KWJ. PUS next page

CJJ 06L (387') / 24R (296')

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COLD TEMP CORRECTION 2/2											
ICN ALL RWY (243')											
33/34	7000	6000	5000	3600	2600	1600					
0	7400	6340	5290	3810	2760	1700					
-5	7520	6460	5390	3880	2810	1730					
-10	7680	6580	5490	3950	2860	1760					
15/16	3000	2600	1600		4000		3000				
0	3170	2760	1700		4230		3170				
-5	3230	2810	1730		4310		3230				
-10	3290	2860	1760		4390		3290				
	KWJ	04R(26	66'),04L	(610')	/ 22L (6	10′)					
04L/R	4000	3000	2000				7000				
0	4230	3170	2120				7500				
-5	4310	3230	2160	E	Bac	k	7590				
-10	4390	3290	2200				7680				
22L	5000	4100	3500	2900	2200		4000				
0	4230	3170	2120	3070	2340		4230				
-5	4310	3230	2160	3130	2430		4310				
-10	4390	3290	2200	3190	2420		4390				
PU	S 36L(233'),3	6R(228	') / 18L	/R (see	below)				
36L/R	6000	5000	3300	2100		6000					
0	6340	5290	3490	2210		6340					
-5	6460	5390	3560	2250		6460					
-10	6580	5490	3620	2290		6580					
18L/R	6000	5000	4000	2600	1700		6000				
0	6340	5290	4230	2760	1800		6340				
-5	6460	5390	4310	2810	1830		6460				
-10	6580	5490	4390	2860	1870		6580				

Meter/Feet Conversion Table

☐ China, Mongolia & North Korea ■ FL Conversion

Eastbound 179°)

44900 FT

41100 FT

39100 FT 37100 FT

35100 FT

33100 FT

31100 FT

29100 FT

26600 FT

1000 FT

(360° 13700 M

12500 M

11900 M

11300 M

10700 M 10100 M

9500 M

8900 M

8100 M

Westk	oound
(180° ~	359°)
13100 M	43000 FT
12200 M	40100 FT
11600 M	38100 FT
11000 M	36100 FT
10400 M	34100 FT
9800 M	32100 FT
9200 M	30100 FT
8400 M	27600 FT
7800 M	25600 FT
7200 M	23600 FT
6600 M	21700 FT
6000 M	19700 FT
E 400 B4	47700 FT

7800 M	25600 FT	7500 M	24600 FT
7200 M	23600 FT	6900 M	22600 FT
6600 M	21700 FT	6300 M	20700 FT
6000 M	19700 FT	5700 M	18700 FT
5400 M	17700 FT		
		5100 M	16700 FT
4800 M	15700 FT	4500 M	14800 FT
4200 M	13800 FT	3900 M	12800 FT
3600 M	11800 FT	3300 M	10800 FT
3000 M	9800 FT	2700 M	8900 FT
2400 M	7900 FT		
4000 84	FOOD ET	2100 M	6900 FT
1800 M	5900 FT	1500 M	4900 FT
1200 M	3900 FT		
■ ALT / H	EIGHT Conv	ersion	
Meter	Feet	Meter	Feet

■ ALT / HEIGHT Conversion										
Meter	Feet	Meter	Feet							
1000 M	3300 FT	500M	1600FT							
900 M	3000 FT	450M	1500FT							
800 M	2600 FT	400 M	1300 FT							
700 M	2300 FT	350 M	1100 FT							

Back

300 M

2000 FT

600 M

COLD Wx 1/2 OAT (GND) / TAT (TAT) is 10°C (50°F) or below: visible moisture (clouds, fog with VIS 1SM

(1600 m) or rain, snow, sleet, ice crystals...) · ice, snow, slush and standing water is present on the ramps, taxiways, or runways.

PREFLIGHT - PROBE HEAT switches ON

ENGINE START (-35도 TH변경전 2분간 IDLE)

(Min Oil Press 까지 IDLE 유치 (수분간)) (Oil Temp - Nor 후 Oil Press High시 ShutDown)

FNGINE ANTI-ICE

- ENGINE START switches CONT

(COWL V/V OPEN 지속 Bright시 APU Bleed OFF. ISO V/V AUTO. TH 서서히 Max 30%)

WING ANTI-ICE - WING ANTI-ICE switch . .

(Type II or IV Deicing안할 거면 사용하라) AFTER START

- GENERATOR 1 and 2 switches....ON (IDG 1분이내 안정, 5분이내 Steady Power) - FLIGHT controls Check (Deicing 할거면 Deicing 하고 한다.)

- FLAPS Check (Full Travel UP - 40 - UP. FLAP UP 고려)

TAXI OUT

(OAT 3도 이하 RUN UP : Behind CLR, 70%

60분간격) (Ice Shedding: freezing rain, freezing drizzle, freezing fog or heavy snow - 70%, 1초, 10분간격) -8: 없음

허락하는한, 30초, 30분 간격) -8: (50%-IDLE,

COLD Wx 2/2 BEFORE T/O Takeoff Signal - FLAPS 5 - FLAPS TAKEOFF (-8: Oil Temp 31도 이상) - THRUST ... (min 70%(50%), 30초(5초))RUNUP (ENG ANTI-ICE + OAT 3도이하) NO RUNUP(OAT 3도이상) NG 70%, -8:50% 5초 **FNGINE ANTI-ICE** - ENGINE START switches CONT (-40도 이하 금지, 강하중 가능) (COWL V/V OPEN 지속 Bright시 APU Bleed OFF. ISO V/V AUTO, TH 서서히 Max 30%) FAN ICE REMOVAL (Moderate Severe 가능하면 회피하라 아니면..) - ENGINE START switches (both)FLT - Autothrottle (if engaged) Disengage - THRUST (min 80%, 1 초) Increase (15초이내 Vib 4.0이하 안정화 15분 간격 반복) - Autothrottle (if needed) Engage (4.0 보다 크면 Engine High Vibration Check List!!!) WING ANTI-ICE (Icing 보이면 Deicer로 사용, Anti-icer도 사용가능) (FL350이상 사용금지 -> Emer Descend) (Icing 지역 Holding - Flap 사용금지) APPROACH L/D (FLAP 15 필수 조건일 경우만 VREF ICE 사용) AFTER L/D, SHUTDOWN (TAXI RUNUP, ICE SHEDDING 절차적용) - FLAPS 15 까지만 - ENG ANTI-ICE ENG ShutDown전 OFF - Stabilizer trim Set 5 units - ENGINE ShutDown

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ENG ON Deicing in ICN ICN Deicing "Deicing Required ENG On Deicing" ICN Apron "Req Pushback Deicing Zone xxx" Tx 2000 -> Pad Control -> Ice Man PARKING BRAKE ----- SET Report Parking Brake SET - > Ice Man B737-8 BROADBAND SYS s/w ----- OFF FLAPS ----THRUST LEVERS -----IDLE **ENGINE BLEED AIR SWITCHES ---- OFF** APU BLEED air switch ----- OFF START DE/ANTI-ICING REQ DCL 항공기이동 및 Configuration 변경 금지 AFTER DE/ANTI-ICING IS COMPLETED (TIME CHECK 1분) 용액과 마지막 용액 뿌린 시간 받고 적는다. Holdover Time 결정!!!

APU BLEED air switch ----- As needed Engine BLEED air switches ----- ON FLAP LEVER ----- Set for takeoff or UP ice, snow, slush or standing water, 강수 지속시 -

TIME CHECK 1분후

FI AP UP고려

Flight controls ----- Check, as needed After Start Cheklist TAXI OUT

(OAT 3도 이하 RUN UP : Behind CLR. 70% 허락하는한, 30초, 30분 간격) -8: (50%-IDLE, 60분간격)

BEFORE TAKEOFF TAKEOFF SIGNAL -> FLAPS 5

FLAPS ----- Set(for takeoff)

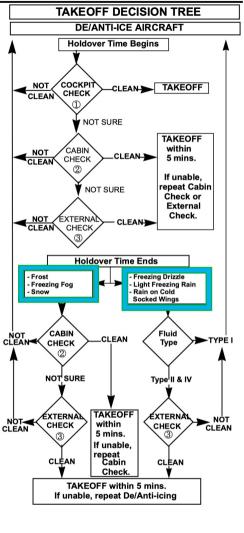
TAKEOFF (-8: Oil Temp 31도 이상) - THRUST ... (min 70%(50%), 30초(5초))RUNUP

(ENG ANTI-ICE + OAT 3도이하) NO RUNUP(OAT 3도이상) NG 70%, -8:50% 5초 **DECISION TREE next page**



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ENG OFF Deicing in GN KE GMP "Deicing Information" REQ DCL Apron "Reg Pushback Deicing Required PADxxx" PARKING BRAKE ----- SET Establish communications with ground personnel. B737-8 BROADBAND SYS s/w ----- OFF FLAPS ------ UP
THRUST LEVERS -----IDLE **ENGINE BLEED AIR SWITCHES ----- OFF** APU BI FFD air switch ----- OFF APU. --- START APU GENERATOR bus switches ----- ON ENGINE ANTI-ICE switches----- OFF Engine Start levers ----- CUTOFF SHUTDOWN CHECKLIST START DE/ANTI-ICING 항공기이동 및 Configuration 변경 금지 AFTER DE/ANTI-ICING IS COMPLETED (TIME CHECK 1분) 용액과 마지막 용액 뿌린 시간 받고 적는다. Holdover Time 결정!!! TIME CHECK 1분후 APU BLEED air switch ----- ON PREFLT CHKlist -> Reg STARTUP -> CHKlist AFTER BOTH ENGINES ARE STARTED ENGINE ANTI-ICE switches----As needed B737-8 BROADBAND SYS s/w ----- ON APU----- As needed Engine BLEED air switches ----- ON FLAP LEVER ----- Set for takeoff or UP ice, snow, slush or standing water, 강수 지속시 -FLAP UP고려 Flight controls ----- Check, as needed AFTER START CHKlist (ATC CLR Confirm) TAXI, BEFORE TAKEOFF, TAKEOFF cold wx 참조!!! DECISION TREE next page



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