



VER. 24.8.4 by Flyingdeuk

Domestic

<u>Japan</u>

China

S.E Asia(GUM)

Supplement

FUEL Consumption

NO Engine Bleed

GND Air / Cross Bleed

Cold Temp Correction

Cold Wx Operation

ENG ON Deicing ENG OFF Deicing

Domestic

CJU

PUS

KWJ

CJJ

PUS

TAE

GMP

GMP

CJU

CJU

CJU TAE
CJU PUS

ICN

ICN

Welcome PA

Next Page

<u>Home</u>

손님 여러분, 안녕하십니까? 저는 여러분을 모시고 가는 기장 입니다. 저희 대한항공을 이용해 주셔서 대단히 고맙습니다.

WELCOME PA

(국제)공항까지 비행시간은 시간 분

으로 예상됩니다. 비행 중에는 항공기가 갑자기 흔들릴 수도 있으니.

매주시기 바랍니다. 저는 여러분을 안전하게 모시기 위해 최선을

자리에 않아 계실 때에는 항상 좌석벸트를

다하겠습니다. 고맙습니다. Good morning (afternoon /evening), ladies and

gentlemen. This is captain last name speaking. Welcome aboard Korean Air.

This flight is bound for (international) airport and our flight time is hours(s) and

minutes. For your safety, keep your seatbelts fastened while you are seated.

Thank you for choosing Koreanair. Please enjoy your flight. Domestic

서울/김포국제 **GMP** 서울/인천국제 **ICN** 제주국제 CJU 부산/김해국제 **PUS**

청주국제 CIJ

광주 KWJ 대구국제 TAE

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도착 방송

도착 방송 (5시간이상, 40분전) 손님 여러분, 저는 기장입니다.

국제공항에 착륙 예정입니다. 현재 공항의 날씨는 ◐___, 기온은 섭씨 __도 입니다.

마 맑으며 ● 눈이 오고 있으며 ◐ 안개가 끼어 있으며 ◐ (다소)흐리며

우리 비행기는 앞으로 약 (40)분 후에

◐ (이슬)비가 내리며/소나기가 내리며 ● 바람이 불고 있으며

지금 이곳의 시각은 월 일 요일, 오전(오후) 시 분입니다.

고맙습니다. Ladies and gentlemen, this is the captain speaking.

We expect to land at international airport in about (40) minutes.

The current temperature at ___ is __ degrees Celsius, or degrees Fahrenheit (OPT 참고)

and it is **①** .

• (mostly) clear (partly) cloudy O drizzling / raining

• windy

week), (month)(date).

Thank you for flying with us today.

● 황사가 있으며

Snowing O foggy

hazy or smoggy The current time is : a.m(p.m), on (day-of-the-

omest

Japan **KIX GMP NRT PUS PUS NGO PUS FUK** <u>ICN</u> **KIX ICN NRT** <u>ICN</u> **CTS** <u>ICN</u> **HND** <u>ICN</u> NGO **ICN FUK ICN AOJ ICN KIJ CJU** NRT

Home

손님 여러분, 안녕하십니까? 저는 여러분을 모시고 가는 기장 입니다. 저희 대한항공을 이용해 주셔서 대단히 고맙습니다.

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airport and our flight time is hours(s) and minutes.

For your safety, keep your seatbelts fastened while you are seated. Thank you for choosing Koreanair.

P	Please enjoy your flight.					
		Japan				
	KIX	오사카/간사이				
	HND	도쿄/하네다				
	NRT	도쿄/나리타				
	CTS	삿포로/신(NEW) 치토세				

나고야/주부(Centera) 후쿠오카 FUK 아오모리 AOI Japan

NGO

China						
<u>GMP</u>	SHA					
<u>GMP</u>	PEK					
<u>CJU</u>	<u>PEK</u>					
<u>PUS</u>	PVG					
<u>ICN</u>	<u>NKG</u>					
<u>ICN</u>	TAO					
<u>ICN</u>	<u>PEK</u>					
<u>ICN</u>	SHE					
<u>ICN</u>	<u>PVG</u>					
<u>ICN</u>	<u>YNJ</u>					
<u>ICN</u>	<u>HGH</u>					
<u>ICN</u>	<u>WHE</u>					
<u>ICN</u>	XIY					
<u>ICN</u>	<u>CSX</u>					
<u>ICN</u>	<u>HKG</u>					
<u>ICN</u>	<u>TSN</u>					
<u>ICN</u>	<u>CGO</u>					
<u>ICN</u>	DYG					
Home						

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Thank you for choosing Koreanair. Please enioy your flight

IE	ase enjoy y	our mgm.
		China
	SHA	상하이/홍차오
	NKG	난징/루커우
	TAO	칭다오/자오동
	PEK	베이징/소우뚜(캐피털)
	SHE	선양/탸오쎈
	PVG	상하이/푸동
	YNJ	옌지/차오양촨
	HGH	황저우/샤오산
	WHE	웨이하이/따쉐이푸오
	XIY	시안/시엔양
	CSX	창사/후앙후아
	HKG	홍콩
	TSN	톈진/빈하이
	CGO	정저우/신정
	DYG	장자제/허화

China

S.E Asia **CXR**

SGN

PNH

MNL

ICN

ICN

ICN

ICN

ICN RMQ ICN

TPE TPE PUS

PUS BKK

Welcome PA

Next Page

Home

손님 여러분, 안녕하십니까? 저는 여러분을 모시고 가는 기장 입니다.

WELCOME PA

저희 대한항공을 이용해 주셔서 대단히 고맙습니다. __(국제)공항까지 비행시간은 __시간 __분 으로 예상됩니다. 비행 중에는 항공기가 갑자기 흔들릴 수도 있으니,

미영 중에는 양동기가 갑자기 흔들릴 주도 있으니, 자리에 않아 계실 때에는 항상 좌석벨트를 매주시기 바랍니다. 저는 여러분을 안전하게 모시기 위해 최선을 다하겠습니다. 고맙습니다. Good morning (afternoon /evening), ladies and

gentlemen.
This is captain <u>last name</u> speaking.
Welcome aboard Korean Air.
This flight is bound for (international)

This flight is bound for ____(international) airport and our flight time is ____ hours(s) and minutes.
For your safety, keep your seatbelts fastened

while you are seated.
Thank you for choosing Koreanair.
Please enjoy your flight.

,
S.E Asia
베트남 나짱/깜라인
베트남 호찌민/탄소넛
캄보디아 프놈펜
필리핀 마닐라/니노이 아키노
타이완/타이페이 타오유엔
타이완/타이중 칭찬강
방콕/수완나폼



도착 방송 Next Page 도착 방송 (5시간이상, 40분전) 출발지 기준 2200-0800 Quiet Hour 손님 여러분, 저는 기장입니다.

현재 공항의 날씨는 ◐___, 기온은 섭씨 __도 입니다.

지금 이곳의 시각은 월 일 요일, 오전(오후)

● 눈이 오고 있으며● 안개가 끼어 있으며

● 황사가 있으며

우리 비행기는 앞으로 약 (40)분 후에 국제공항에 착륙 예정입니다.

마 맑으며

◐ (다소)흐리며

● 바람이 불고 있으며

시 분입니다.

(40) minutes.

and it is **①** .

고맙습니다.
Ladies and gentlemen, this is <u>the</u> captain speaking.
We expect to land at __ international airport in about

or degrees Fahrenheit (OPT 참고)

◐ (이슬)비가 내리며/소나기가 내리며

(mostly) clear
 (partly) cloudy
 drizzling / raining
 windy
 o snowing
 foggy
 hazy or smoggy

The current time is : a.m(p.m), on (day-of-the-

SE Asia

The current temperature at ___ is __ degrees Celsius,

Thank you for flying with us today.

week), (month)(date).

RKSS(GMP) 59ft RKPC(CJU) 119ft KE GMP 131.15 DCL -15분 가능 TOBT 5분 차이 **KE CJU 129.4** 시 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 324 5000 (BULTI xQ) 324 324 **BULTI XU** 144 144 6000 144 14L/R 144 (BULTI xZ) 144 6000 144 **KIP** 32L 32R 14L 14R 113.6 108.3 110.7 109.9 108.7

32L/R: EO32L/R. R225 YIU R271 32L(41') HUD

ILS Z 07 DOTOL xP ILS Z 25 DOTOL xT(xM)

HUD

Domestic CJU: STAR AFT Merge PT (220kts) DCT IAF (210kts), FAF (160kts) YUMIN **DOTOL 160**

DUKAL

10433'

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

32R(42') 11811' 14L(38') APRON(130.875) -> GND(121.9) -> TWR (All by ATC)

104991

14L/R: EO14L/R. R220

P73 /2

14R(34')

DOTOL/-10 160

25(76')

RKPC(CJU) 119ft RKSS(GMP) 59ft **PA** KE GMP 131.15 KE CJU 129.4 DCL -10분 Rwv 32L Landing (06:00L~0900L/ 12:00L~15:00L /18:00L~21:00L) CJU: SID (NADP 1) **KAMIT xE** 066 10000 07 066 066

YDM 109.0 07: NONE 07(87') HUD 07: Passing G4 CTC TWR 25:31 Holding PSN on P, E1,2,3 CTC TWR YDM

KAMIT xW

25

246 246 10000 07 109.9 25 111.3 25: YDM246/3, R290 25(76') 104331

CRS-250 D3 YDM

246

Domestic **GMP: STAR**

ILS 32L/R OLMEN xT

OLMEN xU

BUMSI DOKDO

32L(41')

OLMEN 160 OLMEN 160

ILS 14R 10499' HUD 32R(42')

11811'

14R(34')

KIP /8(RWY 32), YJU R271, P73 /2

14L(38')

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

RKSS(GMP) 59ft RKPK(PUS) 13ft KE GMP 131.15 KE GIMP 131.15 DCL -15분 가능 TOBT 5분 차이 **PA** KE Gimhae 129.2 시 CTC Comm Rwv 32R Takeoff (06:00L~0900L/12:00L~15:00L /18:00L~21:00L) GMP: SID (NADP 1) OSPOT xT 324 324 5000 324 32L/R (OSPOT xQ) 324 324 5000 324 **OSPOT xU** 144 144 6000 144 14L/R (OSPOT xZ) 144 144 6000 144 **KIP** 32L 32R 14L 14R 108.3 110.7 109.9 113.6 108.7 32L/R: EO32L/R. R225 14L/R: EO14L/R, R220 YIU R271 P73 /2 32L(41') 104991 14R(34') HUD 32R(42') 11811' 14L(38') APRON(130.875) -> GND(121.9) -> TWR (All by ATC)

Domestic PUS: STAR (Tail Wind 36R 136000lbs F40)

9DME LG. 8DME FLAP **ILS 36** KFVOX x MASTA

VOR 18 GAYHA x MASTA 18 Circling Click!!

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

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

FIX 36: IKMA/IKHE/9,/8 18: KMH R284, 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)

RKPK(PUS) 13ft | RKSS(GMP) 59ft KE Gimhae 129.2 **PA** KE GMP 131.15 DCL -5분 Rwy 32L Landing (06:00L~0900L/ 12:00L~15:00L /18:00L~21:00L) PUS: SID (Mod NADP CLB2 1000, 14000 MAX) SOORO x 36 306 280 ATC 342 KALOD tx

182

KMH 113.8 PSN 114.0 36: KMH R091, R271, R185 36L(13') 10499' HUD 36R(8') 8999' RWY36 400ft Man L/H turn. Max Taxi SPD 20KTS

GIMHAF x

18

18R(13') 8530' 18L(13') 8999'

182

36L 108.5

5000

182

36R 109.5

113.8 KM **GMP: STAR**

ILS 32L/R **GUKDO xT**

Domestic

BUMSI GUKDO xU DOKDO

GUKDO 160

10499'

GUKDO 160

ILS 14R HUD

32L(41') 32R(42') 11811' 14R(34')

KIP /8(RWY 32), YJU R271, P73 /2

14L(38')

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

RKPC(CJU) 119ft RKJJ(KWJ) 48ft PA KE CJU 129.4 KF KWJ 129.4 DCL -10분 CJU: SID (NADP 1) 10000 07 **KAMIT xE** 066 066 066 25 **KAMIT xW** 246 246 10000 246 YDM 109.0 07 109.9 25 111.3 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 109.0 YDM CRS-290 D3 YDM **Domestic** KWJ: NO STAR (TL 140확인) - STAR RNP app Only!! SAMUL/-15 ILS 04R no KOTTY CI04R RNP 22L ORUSA Tx 3.3도 ORUSA x LOC 22L No PAR 3.3도 SAMUL D0580 Offset 3.29도 VOR 22L/R SAMUL D058Q PAR **RWxx EXT 8NM, Do not Tune ILS** 04R(46') 9301' 22L(48') HUD 04L(46') 9301' 22R(48') 04R: SAMUL(For reference)

End of RWY Vacating 9301' LOC 22L, VOR 22L/R -> LOC/VOR LNAV 지시고도 유지후

Final Establish 이후 강하 (TERR!!) PAR 04L/R, 22R 가능: 강하각 3도 (6NM, 3도)

TAXI MAX 15 kts (Max 30kts by ATC)

RKJJ(KWJ) 48ft | RKPC(CJU) 119ft PA KE KWJ 129.4 **KF CILI 129 4** NO DCL KWJ: SID (NADP 1) DALSU - Y711 - DOTOL Comm RTE(ATC CLR) 확인! (Join Air Way - DCT DOTOL CRS 192- LNAV) KWA5 ALL 8000 04L (GWJ 3) 038 038 038 ATC (GWJ 4) 22 R 218 218 218 ATC **KWA114.4** 04R 111.1 22L 108.5 04: KWA /4.5, R225 22 : None 04L(46') 9301' 22R(48') HUD 04R(46') 9301' 22L(48') Taxi SPD MAX 15kts MAX 30kts by ATC

DOTOL xP

DOTOL xT(xM) DUKAL

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

DOTOL 160

DOTOL/-10 160

25(76')

Domestic

CJU: STAR

YUMIN

10433'

ILS Z 07

ILS Z 25 HUD

RKPC	C(CJU)	119ft	RI	KTU(<u>CJJ) 1</u>	<u>92ft</u>	
KI	E CJU 129 DCL -10분	.4	PA	KE CJJ 129.05 NO DCL, ATIS			
		CJU : SIE	O (NA	DP 1)			
07	KAMIT	(E 00	56	066	10000	066	
25	KAMITx	W 24	16	246	10000	246	
YDM	109.0	07	07 109.9 25 11				
		25 : YDM246/3, R290					
HUD	07(87')	10433' 25(76'				
2	07 25 : 31 Hold	: Passing ding PSN	,			l	
199.0 YOM 199.0 YOM Dayom Dayom Domestic							
CJJ : NO STAR Caution TCAS RA PEBRI FL150, After OSPOT H/DOGD – RDR Vector Req ILS Z 24R via HYEIN							

NO STAR **OSPOT**

TU761 / BAKJO ILS Z O6L

(MATIZ x) (JIKJI tx)

(STAR 안줌)

NO STAR OSPOT HYEIN

ILS Z 24R (STAR 안줌) (MATIZ x) (HYEIN tx)

06L: B3(6443'), A3(8786'), 24R: C3(6230'), D3(8825') GS fluc' - A/P Dis' - Back to Normal - A/P Reengage Reg full length Landing (Vacate End of RWY) 180 BACK LINE 지나 Taxi Line 있음

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

06L(166')

06R(173')

Unless ATC, Taxi SPD less than 20KTS

RWxx EXT 8NM, Do not Tune ILS

9003'

9003'

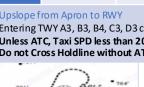
24R(182')

24L(191')

PAR

HUD

RKTU	J(CJ	J) 19	2ft	RK	PC	(CJU) 1	L19ft	
KE CJJ 129.05 NO DCL, ATIS KE CJU 129.4								
	CJJ : SID (NADP 1) Caution TCAS RA							
06L	CJJ	l xD	060	06	60	6000	060	
24R	CII	l xD	240	24	40	6000	240	
	When ASR is out, RNAV SID							
(06L:	BUKIL	1, 2 RN	IAV)	(24R : OLREG 1, UPTIL 1)				
CHO 1	09.0	(06L 11	6L 110.3 24R 111.				
06L/R	: CHO	/1.7, R2	235	24L/R : None				
HUD		06L(166')			3'	24R(182')		
нов	(06R(173')			9003' 24L(191')			
Upslope from Apron to RWY Entering TWY A3, B3, B4, C3, D3 change TWR freq Unless ATC, Taxi SPD less than 20KTS Do not Cross Holdline without ATC								
	,							



Domestic

DOTOL 160

DOTOL/-10 160

25(76')

DOTOL xP

DOTOL xT(xM)

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

ILS Z 07

ILS Z 25

HUD

CJU: STAR

YUMIN

DUKAL

10433'

RKPC	C(CJU)	119f t	t Ri	(TN	TAE) 1	<u> 120ft</u>		
KI	E CJU 129 DCL -10분	0.4	PA	kE	TAE 129.	2		
CJU : SID (NADP 1)								
07	AKPON :	κE O	66	066	9000	066		
25	AKPON x	w 2	46	246	ATC	246		
YDM	109.0	07	109.9	109.9 25 111.3				
	07 : NONE		2	25 : YDM246/3, R290				
HUD	HUD 07(87')			0433'	25(25(77')		
07 : Passing G4 CTC TWR 25 : 31 Holding PSN on P, E1,2,3 CTC TWR								
	_	YONGDAM						



Domestic

TAE : NO STAR (TL 140 확인)

TGU/-10 CF31L222/7 CF31L

ILS 31L

TGU/-10 YAWAN

ILS 13R

RWxx EXT 8NM, Do not Tune ILS

PAR

(13R Caution GPWS)

31L(118') 13R(111') 3.3 9039'

HUD

31R(120') 13L(112') 8999

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

13R ILS 3.3도 PAPI 3.3도 (산악지형 주의)

TAXI MAX 20kts (do not req) 전방기 최소 2000ft 간격 Stand 6-9 Oversteering Needed

RKTN	(TA	E) 12	20ft	RKPC	(CJL	J) :	1 <u>19ft</u>	
	TAE OCL Ava		F	A KI	E CJU :	129.	4	
		TAE	: SID	(NADP 1)			
31L/R	DAEC	Cx U	312	312	800	00	192	
13L/R	DAEC	GW VB	132	132	800	00	192	
DOC 1	16.5	TGU	112.2	31L 1	.08.7	13	R 108.7	
	: DOC DOC R	245/11 245		13 : TGU076/17 TGU R076				
HUD	3	31L(118	')	9039'	13R(11		12') 3.3	
ПОВ	3	1R(120	")	8999'	999' 13L(112')			
TAXI MA	X 20k			ı) 전방기 Holding P		2000	ft 간격	
1F, 2F New Holding Point								
<u>Dome</u>						ne	<u>stic</u>	
AFT	Merge	PT(220k		STAR TIAF (210k	ts), FAF	(160	lkts)	
ILS Z 07	U	PGOS 2	κP	YUM	IN			
				51114				

ILS Z 25 **DUKAL**

UPGOS xT(xM)

07(87') 10433' 25(76')

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

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

HST 40KTS

Entering Rapid TWY CTC GND 121.675, STOP X

DCL -10분 CJU: SID (NADP 1) AKPON xF 066 066 9000 066 07 25 AKPON xW 246 246 ATC 246 YDM 109.0 07 109.9 25 111.3

RKPK(PUS) 13ft

PA KE Gimhae 129.2

07: NONE 25: YDM246/3, R290 HUD 07(87') 10433' 07: Passing G4 CTC TWR 25: 31 Holding PSN on P. E1.2.3 CTC TWR



RKPC(CJU) 119ft

KE CJU 129.4

25(76')

Domestic

PUS: STAR (Tail Wind 36R 136000lbs F40)

ILS 36 KEVOX x ANROD

9DME LG, 8DME FLAP

GAYHA x ANROD 18 Circling Click!!

VOR 18

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

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

36: IKMA/IKHE/9,/8 18: KMH R284, 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)

RKPK(PUS) 13tt RKPC(CJU) 119tt								
KE Gimhae 129.2 PA KE CJU 129.4								
PUS : SID (Mod NADP CLB2 1000, 14000 MAX)								
36		SOORO x TOPAX tx			280	ATC		279
18		.IM x OT tx	182		182	5000		182
KMH 113.8 PSN 1			14.0 36L 108.5 36			36R	109.5	
	36 : KMH R091, R271, R185							
		36L(13')	10499'		181	R(1	3') 85	30'





18L(13') 8999'

Domestic

CJU: STAR

ILS Z 07 UPGOS xP YUMIN

ILS Z 25 UPGOS xT(xM) DUKAL 25(76')

07(87') 10433'

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

RKS	I(ICN	1) 23	3ft	<u>R</u>	RKPK(PUS) 13ft				
	KE ICN 131.5 DCL -10분 TOBT5분 차이시 CTC Comm								
ı	CN : SII) (33/	34 N	ADP 1	l, 15	/16	NADP	2)	
33L/R	OSP xE/		333		3	33	5500 ATO	•	333
34L/R	OSPO	T xY	3	33	3	33	ATO		333
15L/R	OSPO	T xC	1	53	1	53	500	0	153
16L/R	OSPO	TxH	1	53	153		5000		153
NC 113		33L 109.3		33R 108.9		15L 111.9		15R 109.1	
WN 112		34L 109.95		34 108			6L 0.35	1	16R 108.55
	: NCO5L YJU R2:		.42	42 34L/R : EO34L/R, R242 YJU R271				242	
HUD	33L/R	34L(2	3')	12303'		15L/R 16R(23')			23')
ПОВ	34R (2	3′)		1312	3'	16L (23')			
F	Para llel	TWY 1	OKTS	이성	(R1	7 MA	X 15k	ts)	
ICN 국제선 이후 TRANSIT GD 필요(팀장님) -> PUS PASSPORT Immigration 해야함. Domestic									
P	US : ST	AR (Ta	ail Wi	ind 36	SR 1	3600	Olbs F	40)

MASTA

MASTA

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)

36L(13') 10499'

36R(8') 8999'

36: IKMA/IKHE/9,/8

ILS 36

VOR 18

HUD

KEVOX x

GAYHAx

9DME LG, 8DME FLAP

18 Circling Click!!

18R(13') 8530'

18L(13') 8999'

18: KMH R284, R280

RKPI	((PU	S) 13	ft	RK	SI(IC	CN)	23	3ft
KE (Gimhae DCL -5	e 129.2 분	PA	7	KE ICI	N 131	.5	
PUS	S:SID (Mod NA	DP CLB	210	000, 14	000 N	(A)	K)
36		RO x OD tx	306		280	AT	С	342
18	GIM	HAE x	182		182	500	0	182
KMH 1	13.8	PSN 1	14.0	36	5L 108.	5 3	6R	109.5
	3	6 : KMH	R091,	R27:	1, R185			
HUD		36L(13') 36R(8')				R(13') L(13')		
RWY	36 400	ft Man	L/H turr	1, M	ax Taxi	SPD 2	20k	αs
					<u>Do</u>	me	S	<u>tic</u>

<u>Domestic</u>
CN · STAR

GUKDO xE ENPIL

GUKDO 180

ILS 33/34

GUKDO xH MUNAN

ILS 15/16 **GUKDO 180**

15L/R

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

16R(23') HUD

34R(23') 13123'

16L(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7463'), B5(8513')

15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

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

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

8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft RKTN(TAE) 120ft										
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm										
ICN : SID (33/34 NADP 1, 15/16 NADP 2)										
33L/R	L/R OSPOT xE/A 333 333						5500 ATO	•	333	
34L/R	OSPO	ΤxΥ	3	33	3	33	ATO	2	333	
15L/R	OSPO	T xC	1	53	1	53	500	0	153	
16L/R	OSPO	TxH	1	53	1	53	500	0	153	
	NCN 33L 113.8 109.3			33R 108.9		_	5L 1.9	15R 109.1		
WNG 34L 34 112.9 109.95 108										
•	: NCO5L YJU R2		.42	34	4L/F		34L/F R271	•	R242	
HUD	33L/R	34L(2	3′)	1230	12303' 15L/R 16R(23')			23')		
עטח	34R (2	3′)		13123' 16L		(23')				
P	ara llel	TWY 1	OKTS	이싱	(R1	7 MA	X 15k	ts)		
						De	<u>om</u>	es	<u>stic</u>	
	TA	AE: N	O ST	AR (TL	. 14) 확	인)			
ILS 31L	T	GU/-1	0	CF	31L	222/	7	C	F31L	
ILS 13R		TGU YAWAN								
PAR	RWxx EXT 8NM, Do not Tune ILS (13R Caution GPWS)									

31L(118')

31R(120')

13R ILS 3.3도 PAPI 3.3도 (산악지형 주의)

TAXI MAX 20kts (do not req) 전방기 최소 2000ft 간격

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

Stand 6-9 Oversteering Needed

HUD

9039'

8999'

13R(111') 3.3

13L(112')

RKTN(TAE)120ft RKSI(ICN) 23ft										
KE TAE 129.2 PA KE ICN 131.5										
TAE : SID (NADP 1)										
31L/R	DAE	DAEGU xD 312 312 8000 192								
13L/R	DAE	GU xD	132	132	80	00	192			
DOC 1	16.5	TGU	112.2	31L 1	08.7	13	R 108.7			
	: DOC DOC R	245/11 245			: TGU TGU R		17			
ШПР		31L(118	3')	9039'	13	R(11	2') 3.3			
HUD	3	31R(120))	8999'	1	L3L(1	12')			
TAXI MAX 20kts (do not req) 전방기 최소 2000ft 간격 1F, 2F New Holding Point										
elline	Lina a tock									
	904		24	ļ	Doı	<u>me</u>	<u>stic</u>			
			ICN:	STAR						
ILS 33/3	34	GUKDO) xE	ENP	IL	GUK	DO 180			
ILS 15/1	.6	GUKDO) xH	MUN	AN	GUK	DO 180			
HUD	33	3L/R 34	IL(23')	1230	3'		5L/R R(23')			
		34R(2	3′)	1312	23'	16	L(23')			
FIX	RW	/Y /8, /!	5, YJU	R271						
33R: C4(7529'), C5(8513'), 33L: B4(7463'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')										
34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444')										

8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKPI	K(PΙ	JS) 13	<u>ft</u>	RJ/	AA(NI	RT) 1	<u>35ft</u>				
KE Gimhae 129.2 PA KE Tokyo 131.7											
PUS	: SID	(Mod NA	DP C	LB2	1000, 14	000 MA	X)				
36		OORO x OSN tx 306 280 ATC 16									
18		JLIM x SN tx	18	32	182	5000	182				
KMH 1	13.8	PSN 1	114.0		36L 108.	5 36R	109.5				
	36 : KMH R091, R271, R185										
HUD		36L(13') 36R(8')				R(13') 85 L(13') 89					
RWY	RWY 36 400ft Man L/H turn, Max Taxi SPD 20KTS										
FUK 13	DEP 125.5 – TGU 125.37 FUK 133.15 – TKO 133.8 – 133.02 – 132.45 –124.1 TKO 128.2 – TKO APP 124.4										
NRT H		330,YAG					P 150				
34L/	R	SWAM (SWAM			LGAR TYLER)	ILS 34	L/R(Z)				
16L/	R	SWAMI	-	_	EMIN ORMA)	ILS Z	16L/R				
HUE	,	16L(13	5′)		8202'	34R(141')				
- 1101		16R(13	0')	1	3123′	34L(139')				
FIX 16L: ITM 4 / 34R: ITJ 14, 4 (DME) 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')										
		N before axi RTE ir									

RKPK(PUS) 13ft PA KE Gimhae 129.2 KE Tokyo 131.70 DCL -15분 NRT: SID - ENPAR tx (NADP 1) 16L/R 157 157 ATC 157 **TETRA x** FNPAR tx 7000/ATC 34L/R 337 337 337 34L **NRE** 16L 16R 34R 111.5 117.9 110.7 111.9 110.9 16L(135') 34R(141') 8202' HUD 16R (130') 34L (139') 13123' 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 **DEP 124.2** TKO 120.5 - 133.45 - 133.02 - 133.8 FUK 133.15 TGU 125.37 Japan APP 125.5 PUS: STAR (Tail Wind 36R 136000lbs F40) 9DME LG, 8DME FLAP **ILS 36** PEDLO x **KALEK VOR 18 GAYHA** x **PSN** 18 Circling Click!! 36L(13') 10499' 18R(13') 8530' HUD 36R(8') 8999' 18L(13') 8999' 36: IKMA/IKHE/9,/8 18: KMH R284, 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)

RKPI	۷(PU	S) 13	ft	RJ	GG(N	G	O) :	<u> 12ft</u>		
KE (KE Gimhae 129.2 PA SWISSPORT OPERATION 132.05									
PUS	: SID (Mod NA	DP C	. B2 :	1000, 14	001	MA:	X)		
36		SOORO x PSN tx		6	280	1	ATC	162		
18		.IM x N tx	18	2	182	5	000	182		
KMH 1	IH 113.8 PSN 114.				36L 108.	5	36R	109.5		
36 : KMH R091, R271, R185										
HUD	HUD 36L(13') 10499' 18R(13') 8530' 36R(8') 8999' 18L(13') 8999'									
RWY	36 400	oft Man	L/H tu	rn, I	Max Tax	i SF	D 201	αTS		
RWY 36 400ft Man L/H turn, Max Taxi SPD 20KTS Japan										
DEP 125.5 - TGU 125.37 FUK 133.15 - TKO 133.8 - 133.02 센트레 아 APP 121.05										
	NGO:	STAR (S	AMOI	N 2 9	0, MARI	Α1	130)			

NGO: STAR (SAMON	290
CHESS(CARDS)	

SOUTH

ILS Z 36

ILS Z 18

18(15')

36

PROBE

CHESS(CARDS) QUEST 18 NORTH

36(15') 11483'

36: A6(5213'), A7(6525'), A8(7837')

18: A5(5393'), A4(6528'), A3(7841')

RWY36: After 1500ft L/D FLAP RWY 18: After 3000ft L/G DN & L/D FLAP Caution Stop line, Yellow Ramp line, VDGS!!!

SWISS PORT OPERATION PA KE Gimhae 129.2 132.05 DCL -15분 NGO: SID-TANGO tx (NADP 1) ATC 36 356 356 356 (7000)**OUMIx** - TANGO tx ATC 18 176 176 176 (7000)**CBF 117.8** 18 109.7 36 11 1.9 36(15') HUD 114831 18(15') APU Start 30min, Prepare Intersection T/O **DEP 120.0** TKO 133.45 - 133.02 - 133.8 FUK 133,15 TGU 125.37 APP 125.5

RJGG(NGO) 12ft RKPK(PUS) 13ft

Japan

PUS: STAR (Tail Wind 36R 136000lbs F40)

9DME LG, 8DME FLAP **ILS 36** PEDLO x **KALEK**

VOR 18 GAYHA x **PSN** 18 Circling Click!!

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

HUD

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

36: IKMA/IKHE/9,/8

18: KMH R284, 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)

RKPK(PUS) 13ft RJFF(FUK) 30ft										
KE Gimhae 129.2 PA KE FUK 132.05										
PUS : SID (Mod NADP CLB2 1000, 14000 MAX)										
36		SOORO x PSN tx			280	ATC	162			
18		.IM x N tx	182		182	5000	182			
KMH 1	13.8	PSN 1	14.0	3	6L 108.	5 36R	109.5			
	3	86 : KMH	R091,	R27	71, R185	;				
HUD		36L(13') 36R(8')				R(13') 8! L(13') 89				
RWY	36 400	oft Man I	_/H turr	۱ <i>,</i> ۱	⁄lax Taxi	SPD 20	KTS			
KOB 11	8.9	GU 125		121		lapa	an			
		AV STAR 13000ft)								
16	S	ARUP	ENT	ΊX	RN	IP, LOC :	16			
34	HAW	V34 /KS WES	RWY T HAW			VIS 34 NP, LOC	34			
HUD	1	l6(15')		918	86'	34(3	32')			
16 : C6(5505'), C7(6407'), 34 : C4(5193'), C3(6354')										
	: After	DGC VOF IKE – RD it 1500ft	R Vecto	or D) Downwii					

before base (Do not Extend Downwind due Terrain)

PA KE Gimhae 129.2 KE FUK 132.05 DCL -15min, Voice -5min FUK: SID (Consider C2, C3 Intersection T/O) 16 158 158 ATC (10000) 158 **HAKATA** XX 34 338 338 ATC (10000) 338 16 111.7 **DGC 114.5** 34 108.9 16: DGC 156/20 R240 (DGC VOR out of 6NM A/P) 16(15') HUD 9186' 34(32') Caution GP HOLD LINE Initial CTC TWR, "Ready for departure" RWSL(Runway Status Lights) in operation **DEP 127.9** 114.5 DG KOB 135.65 TGH 125 37

RJFF(FUK) 30ft | RKPK(PUS) 13ft

D20 54 5	APP 125.5
Cos 14	<u>Japa</u>
PUS : STAR (Ta	il Wind 36R 136000lbs F40)

PUS : STAR (Tail Wind 36R 136000lbs F40)	

9DME LG, 8DME FLAP **ILS 36** PEDLO x **KALEK**

VOR 18 GAYHA x **PSN** 18 Circling Click!!

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

HUD

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

36: IKMA/IKHE/9,/8 18: KMH R284, R280

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

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

C2 HOLD SHORT 가까움(Vacate TaxiSPD)

Vacate C3,C4 by ATC only. Max Taxi SPD 20KTS

RKSI(ICN) 23ft RJBB(KIX) 17ft										
KE ICN 131.5 DCL-10분 TOBT5분 차이시 CTC Comm										
ICN : SID (33/34 NADP 1, 15/16 NADP 2)										
33L/R		OBA E/A		33	3	33	5500/ ATC		333	
34L/R	EGOB	SA xY	3	33	3	33	ATO		333	
15L/R	EGOB	A xC	1	53	1	53	500	0	153	
16L/R	EGOB	AxH	1	53	1	53	500	0	153	
NC 113		33 109	_	33 108			5L 1.9		15R 109.1	
WN 112		34 109	34 108	••	_	6L 0.35				
33L/R: NC05L/R, R242 34L/R: EO34/R, R242 YJU R271 YJU R271										
HUD	33L/R	34L(2	3′)	1230	3'	15 L	/R 16	R(2	23')	
пор	34R (2	3')		1312	3'	16L	(23')			
	ara ll el									
DEP 125			34.17	- FU	K 12	24.15	- TK	0	133.8	
KIX RDR						9	Ja	D	<u>an</u>	
		STAR	(SAE	KI 170), R/	ANDY	/ 150)			
061	-	ALIS	АВ		BEF	RRY	ı	LS	Y 06L	
06 F	₹	ALIS	AA		ALL	AN	11	LS	Y 06R	
24L/	R	ALIS	A C	1	MA	γAΗ	IL	s z	24L/R	
шш			06L (:	15')	131	23′	24R(2	23')	
— поі	HUD 06R(5') 11483' 24L(12')									
06L:B8										

RWY06 : After 2500ft L/G DN, After 1500ft L/D FLAP TAXI RTE 1(via J4), 2(via J3)

RJB	B(KI)	() 1	7ft		RKSI(ICN) 23ft					
KE	KE KIX 130.95 DCL -15분 KE ICN 131.5									
KIX : SID – SOUJA tx (NADP 1)										
06L/R	HELE	HELENx		9	059		ATC (9000)			
24L/R	- SOU	JA tx	239		239		TC 00)	239		
KI 111	_	06 108	_		06R 08.1	241 110	_	24R 108.5		
шп	06L (15')	1	L3 12	23'	:	24R(2	23')		
שטט	HUD 06R (5') 13123' 24L (12')									
	APU S	tart, T	AXI F	RTE	1(via J	4), 2(v	ia J3)			
DEP 11 TKO 13 FUK 12 TGU 12 APP 11	32.7 - 1 24.15 20.57	<u>33.8</u>				J	<u>ap</u>	<u>an</u>		
			ICN	I : S1	ΓAR					
ILS 33/3	4 (GUKDO) xE		EN	IPIL	GUK	(DO 180		
ILS 15/1	6 0	SUKDO) xH		MU	NAN	GUK	(DO 180		
HUD	33 L/R 34L(23') 12303' 15 L/R 16R(23')									
		34R(2	3')		13:	123'	16	L(23')		
FIX	RW	Y /8, /	5 , YJ	IU R	271					
33R : C4	(7529')	, C5(8	513'), 33	3L:B4	(7563), B5(8513')		

15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft RJAA(NRT) 135ft										
KE ICN 131.5 DCL -10분 TOBT5분차이시 CTC Comm ICN : SID (33/34 NADP 1, 15/16 NADP 2)										
	CN : SI	ID (33/	34 N	ADP 1	, 15	/16	NADP	2)		
33L/R		EGOBA xE/A 333 333 5500/ ATC 333								
34L/R	EGO	BAxY	3	33	3	33	ATC	333		
15L/R	EGO	ва хС	1	53	1	53	500	0 153		
16L/R	EGOI	BAxH	1	53	1	53	500	0 153		
NC		33	_	33		_	5L	15R		
113 WN		109 34	-	108 34	-		1.9 6L	109.1 16R		
112		109	.95	108	.1).35	108.55		
33 L/R: NCO5 L/R, R242 34 L/R: EO34 L/R, R242 YJU R271 YJU R271										
11115	33L/R 34L(23') 12303' 15L/R 16						6R(23')			
HUD	34R (23')		1312	3'	16L	(23′)			
F	aralle	TWY 1	OKTS	이싱	(R1	7 MA	X 15k	ts)		
DEP 125.1	5 – TG	U 134.1	7 – TI	<u>(O 124</u>	15-	- 132.	02			
TKO 124.1	- 128.2	P – TKO	APP	24.4	- 12	0.2	Ja	pan		
NRT : F	IAKKA	330,Y	AGA	N 240,	LIV	ET 21	o,sw	AMP 150		
34L/	R	SWAI (SWAI			ELG TYL		ILS	34L/R(Z)		
16L/	R	NAW2 (SWAI)			GEN IOR	/IIN RMA)	ILS	S Z 16L/R		
		16L (1	L 35 ′)		820) 2 ′	34	4R(141')		
HUD 16R(130') 13123' 34L(139')										
FIX 16L: ITM 4 / 34R: ITJ 14, 4 (DME) 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')										
•		N befor axi RTE	•		•	•				

RJAA	(NR	Γ) 13	35f	ft	RKSI(ICN) 23ft			
KE .	KE Tokyo 131.70 DCL -15분					KE ICN	131.	5
	NR	T : SID) – E	NPA	AR tx (I	NADP:	1)	
16L/R	TETR	RA x	15	7	157	A ⁻	гс	157
34L/R	ENPA	R tx	33	7	337	7000	/ATC	337
NR 117		16 110	_	_	l6R 11.5	341 111		34R 110.9
HUD	16L(1	135')		820	2'	3	4R(14	11 ′)
нор	16R (130')	:	1312	23'	3	4L (1	39')
	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							
TKO 12	20.5 - 1 20.57	DEP 124.2 TKO 120.5 - 133.45 - 133.02 - 133.8 TGU 120.57 APP 119.75						
	ICN : STAR							
			ICN	l : ST	TAR			
ILS 33/3		GUKDO				PIL		DO 180
ILS 33/3 ILS 15/1		GUKDO	Э хЕ		EN		GUK	
•	.6 (O xE O xH	l	MU	PIL	GUK GUK	DO 180
ILS 15/1	.6 (SUKDO	O xE O xH IL(23	l	EN MUI	PIL NAN	GUK GUK 1	DO 180 DO 180
ILS 15/1	33	GUKDO	O xE O xH IL(23 23')	3')	123 131	PIL NAN 303'	GUK GUK 1	DO 180 DO 180 SL/R R(23')
HUD	33 RW	GUKDO L/R 34 34R(2 Y /8, /	O xE O xH IL(23 23') 5 , Y. 513'	3') JU R	123 131 2271 3L: B4	PIL NAN 303' 123'	GUK GUK 116 16	DO 180 DO 180 5L/R R(23') L(23')

8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKS	<u> </u>	RJCC(CTS) 70ft							
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm							2.05		
	CN : SII) (33/	34 N.	ADP 1	, 15	/16	NADP	2)	
33L/R	EGO xE/		3	33	3	33	5500 ATO	7	333
34L/R	EGOB	AxY	3	33	3	33	ATO		333
15L/R	EGOB	A xC	1	53	1	53	500	0	153
16L/R	EGOB	AxH	1	53	1	53	500	0	153
NC 113		33 109	_	33 108		_	5L 1.9		15R 109.1
WN 112		34 109	_	34 108	••	_	6L 0.35	1	16R 108.55
	33L/R : NCO5L/R, R242 YJU R271				34L/R : EO34L/R, R242 YJU R271				
- 11110	33L/R	34L(2	3')	1230	3'	15 L	/R 16	R(2	23')
HUD	34R (2	3′)		1312	3'	16L	(23')		
F	Para II el	TWY 1	OKTS	이싱	(R1	7 MA	X 15k	ts)	
DEP 125 TKO 132					4.15	- 13	3.02		
CTS APE		L133.0	-118	كند			<u>Ja</u>	D	<u>an</u>
CTS:	STAR (1R : II	DEMI	FL15	0, 1	9L : N	IAVER	R FI	L170)
01R		TEI SC JKII W			YO ot Y	tei Osei			/Z 01R)/2000
19L 19R CAT II	YUI	NAVER(170) YUNEY SOUTH (KAORY A)		1	KAC YUN KAC		ILS Z 19L		Z 19L
HUD		01R(5) 01L(6)	•		984	13'			.(77') R(82')
01R:B4 01L:A5									

Do not Cross 01L/19R After L/D (No TWY) TAXI to Gate Via D(J) or G

RJCC(CTS) 70ft RKSI(ICN) 23ft Chitose Oper 132.05 **KF ICN 131.5** NO DCL -5분 CTS: SID (NADP 1) **DALBI** x 002 002 ATC 002 ALL **SUVIT x SOSHU** x 182 182 ATC 182 CHE 01R 19L 01L 19R 116.9 110.75 109.35 110.9 111.5 19L(77') 01R(57') HUD 9843' 01L(62') 19R(82') APU, Deicing at the Gate R/H turn DCT to HWE -> Confirm R/H Turn ND **DEP 124.7** SPR 119.3 - TKO 124.5 - 132.3 FUK 133.02 - 124.15 TGU 120.57 APP 119.75 Japan **ICN: STAR** ILS 33/34 GUKDO xF **FNPIL** GUKDO 180

RWY /8, /5, YJU R271

GUKDO xH

33L/R 34L(23')

34R(23')

ILS 15/16

HUD

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513')

15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

MUNAN

12303

13123'

GUKDO 180 15L/R

16R(23')

16L(23')

RKS	R	JT	Т(Н	ND) :	21ft				
	CTC COMMI					Phoelta Oper 132.075				
	CN : SID	(33/	34 N	ADP 1	, 15	5/16 I	NADP	2)		
33L/R	EGOI xE/		3	33	3	33	5500 ATO	•	333	
34L/R	EGOB	AxY	3	33	3	33	ATO	2	333	
15L/R	EGOBA	A xC	1	53	1	53	500	0	153	
16L/R	EGOB	AxH	1	53	1	.53	500	0	153	
NC 113		33 109	-	33 108		_	5L 1.9		15R 109.1	
WN 112		34 109	-	34 108		_	6L 0.35	1	16R 108.55	
•	/R : NCO5L/R, R242 YJU R271			34	34L/R : EO34L/R, R242 YJU R271					
16	33L/R	34L(2	3')	1230	3'	15 L	/R 16	R(2	23')	
HUD	34R (23	3')		1312	3'	16L	(23')			
P	Para ll el T	TWY 1	LOKTS	이상	(R1	.7 MA	X 15k	ts)		
	.15 – TGI	U 134.	17 – F	FUK 13	3.02	- TK	_			
TKO 133	.35 2 119.1 –	1 19.6	5			9	Ja	D	<u>an</u>	
	STAR XA			APP x	хх Ү	1400	<mark>Jz~</mark> SP	EN	IS 220	
34L /R	XAC xK	/H K /	AIHO	/CAC	٩O		ILS X	/ V	'IS	
22	XAC x	В	ВА	CON		LDA	W(RI	VV	W 22)	
16R /L	XAC F	R NA	ATTY	/SANI	DY	RNP	(R16R	Τ/	R16LT)	
23	-		DAI	NON		LDA	W(RI	VV	W 23)	
	34	4L(18	') 984	43 ′		16R	(77') 8	326	8' DIS	
HUD	34R(2	21') 9	843'	DIS TI	4	16L(19') 9	74	4' DIS	
	2	2(35') 820	2'		2:	3(55')	82	202'	
34L : L1	2(6515'), L13	(716	5'), 22	2 : B	4(620	07'), B	3(6830')	

16R: L5(5147'), L3(6361'), 23: D5(5072'), D3(6391') xxx Z: 180kts, 160kts limit APP Chart, xxx Y After 1400z

RJTT	(HNC) 21f	t R	KSI(IC	CN)	23ft		
Delta	Oper 1 DCL -15	132.075 분	PA	KE ICI	N 131.	.5		
HND:	SID (xx	B/C 2200)-0230z (0600-10	00z) N.	ADP 1		
ALL		LA x PAR x	RWY H/D	RWY CRS	ATC	RWY H/D		
HME 112.2	34L 111.7	16R 111.55	34R 108.9	16L 111.95	22 108.1	23 110.5		
		34L	(18')	9843'	16R(77')		
HL	JD	34R	(21')	11024′	16L((19')		
		04	(19')	8202'	05(4	6')		
34L : HI	ME 351/	1.1, R09 HME	5, 34R : E/2.2 R1		30, RO	95, 22 :		
conta.			A : PLUTC RTE5 TAXI	230kts	o5 SPD			
	7	DEP AT	_	14 400 00				
1	1	TGU 12	0.5 – FU 0.57	K 133.02	_			
		APP 119		J	lan	an		
				4				
		IC	N : STAR					
ILS 33/3	4 G	UKDO x	Ē	ENPIL	GUK	DO 180		
ILS 15/1	.6 G	UKDO xl	1 N	IUNAN	GUK	DO 180		
HUD	33L	/R 34L(2	3') 1	L2303'		5L/R R(23')		
	3	34R(23')	1	l3123'	16	L(23')		
FIX	RWY	/8, /5 , Y	/JU R271	L				
	FIX RWY /8, /5, YJU R271 33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')							
34L: P7	(5600'), (5597'),	P8(6578 P5(6574	'), 34R : ''), 16L :	N4(6876 N3(7043	5′), N5(3′), N2((8507') (8444')		

RKSI(ICN) 23ft RJGG(NGO)	<u>12ft</u>		
KE ICN 131.5 DCL-10분 TOBT5분차이시 CTC Comm OPERATION 132.05										
ICN: SID (33/34 NADP 1, 15/16 NADP 2)										
33L/R	EGO xE/		3	33	3	333		D/	333	
34L/R	EGOB	SA xY	3	33	3	33	ATO	2	333	
15L/R	EGOB	A xC	1	53	1	53	500	0	153	
16L/R	EGOB	AxH	1	53	1	53	500	0	153	
NC 113		33 109	_	33 108		_	5L .1.9		15R 109.1	
WN 112				34R 108.1		16L 110.35		:	16R 108.55	
•	: NCO5L YJU R2		.42	34	4L/F		34L/F R271	•	R242	
HUD	33L/R	34L(2	3')	12303' 15L/			/R 16	R(2	23')	
пор	34R (2	3')		13123' 16L (2			(23')	23′)		
F	Parallel	TWY 1	.0KTS	이싱	(R1	7 MA	X 15k	ts)		
TGU 1	<u>25.15</u> 34.17 - OF APE			<u>8 – 13</u>	33.0	2	<u>Ja</u>	p	<u>an</u>	
	NGO:	STAR	(SAIV	10N 2	90,	MAR	IA 13	0)		
36	CHE	SS(CA SOUT)	PRC	DBE		ILS Z 36		
18	CHE	SS(CA)	QUI	EST		ILS Z 18		
HUD		3	6(15	') 1	148	3 ′ :	18(15	')		

36: A6(5213'), A7(6525'), A8(7837') 18: A5(5393'), A4(6528'), A3(7841')

> RWY36: After 1500ft L/D FLAP RWY 18: After 3000ft L/G DN & L/D FLAP Caution Stop line, Yellow Ramp line, VDGS!!!

RKSI(ICN) 23ft RJGG(NGO) 12ft PA SW ISS PORT O PERATION **KF ICN 131.5** 132.05 DCL -15분 NGO: SID-TANGO tx (NADP 1) ATC 36 356 356 356 (7000)**OUMIx** TANGO tx ATC 18 176 176 176 (7000)**CBF 117.8** 18 109.7 36 111.9 36(15') 11483' 18(15') APU Start 30min, Prepare Intersection T/O **DEP 120.0** TKO 133.55 - 133.8 - TGU 120.52 APP - 119.75 Japan **ICN: STAR** ILS 33/34 **ENPIL GUKDO 180 GUKDO xE** ILS 15/16 GUKDO xH MUNAN **GUKDO 180** 15L/R 33L/R 34L(23') 12303' 16R(23') HUD 34R(23') 13123' 16L(23') RWY /8, /5, YJU R271 33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

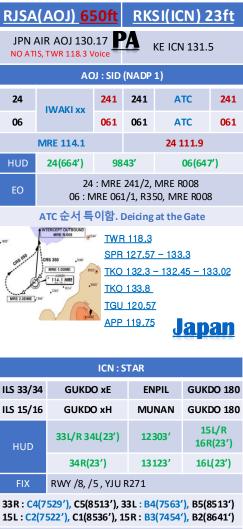
RKS	I(ICN	3ft	R	JF	F(F	UK)) ;	30ft	
CL -10	E ICN 1 D분 TOBT CTC Cor	.31.5 5분 차(nm	기시 -	PA	K	E FU	K 132	2.0)5
I	CN : SII) (33/	34 N	ADP 1	, 15	/16	NADP	2)	
33L/R	OSP xE/		3	33	333		5500 ATO	•	333
34L/R	OSPO	T xY	3	33	3	33	ATO	2	333
15L/R	OSPO	ТхС	1	53	1	.53	500	0	153
16L/R	OSPO	TxH	1	53	1	.53	500	0	153
NC 113 WN 112	3.8 IG	33 109 34 109	9.3 L	33 108 34 108	.9 R	11 1	5L .1.9 6L 0.35		15R 109.1 16R 108.55
•	12.9 109.95 R: NCO5L/R, R242 YJU R271			34L/R : EO34L/R, R24 YJU R271				242	
HUD	33L/R	34L(2	3′)	1230	3'	15 L	/R 16	R(2	23')
HOD	34R (2	3′)		1312	3'	16L	(23')		
F	ara llel	TWY 1	OKTS	이싱	(R1	7 MA	X 15k	ts)	
TGU 125 Kobe 11 FUK RD	8.9 – F		<u>PP 11</u>	<u>19.65</u>		9	<u>Ja</u>	<u>p</u>	<u>an</u>
	JK : RN PAVGA								
16	S	ARUP		ENTIX	<	R	NP, LO	OC	16
34		V34 ′KS W		RWY3 HAWK	-	R	VIS : NP, L0		34
HUD	1	6(15')	9	186	5′	3	34(32')
16 : C6	5(5505'), C7(6	407	'), 34	: C4	(519	3'), C	3(6	354')
DGC VOR out of 6NM A/P VIS 34: After IKE – RDR Vector Downwind – 1800ft – RWY Insight 1500ft – Before L/D CHK Complete before base (Do not Extend Downwind due Terrain)									

RJFF(FUK) 30ft RKSI(ICN) 23ft PA KE FUK 132.05 **KE ICN 131.5** DCL-15min, Voice -5min FUK: SID (Consider C2, C8 Intersection T/O) 16 158 158 ATC (10000) 158 **HAKATA** XX 34 338 338 ATC (10000) 338 16 11 1.7 **DGC 114.5** 34 108.9 16: DGC 156/20 R240 (DGC VOR out of 6NM A/P) 16(15') HUD 9186' 34(32') Caution GP HOLD LINE Initial CTC TWR, "Ready for departure" RWSL(Runway Status Lights) in operation **DEP 127.9** Kobe 135.65 114.5 DGC TGU 125.37 54 Japan **ICN: STAR** ILS 33/34 **GUKDO xE ENPIL GUKDO 180** ILS 15/16 GUKDO xH MUNAN **GUKDO 180** 15L/R 33L/R 34L(23') 12303' 16R(23') HUD 34R(23') 13123' 16L(23') RWY /8, /5, YJU R271 33R: C4(7529'), C5(8513'), 33L: B4(7463'), B5(8513')

33R: C4(7529'), C5(8513'), 33L: B4(7463'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444')

16R : P6(5597'), P5(6574'), 16L : N3(7043'), N2(8444' 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKS	I(ICN	3 <u>ft</u>	R	ISA	A(A	OJ)	<u>6</u>	<u>50ft</u>	
CL -10	E ICN 1 D분 TOBT CTC Cor	.31.5 5분 차(nm	기시	PA	IPN	AIR N	AOJ :	130	0.17
	CN : SI) (33/	34 N	ADP 1	, 15	/16	NADP	2)	
33L/R	EGO xE/		3	33	333		5500, ATC		333
34L/R	EGOB	AxY	3	33	3	33	ATO		333
15L/R	EGOB	A xC	1	53	1	53	500	0	153
16L/R	EGOB	AxH	1	53	1	53	500	0	153
NC 113		33 109	_	33 108		_	5L .1.9		15R 109.1
WN 112		34 109	_	34 108		_	6L 0.35	1	16R 108.55
	: NCO5L YJU R27		:42	34L/R : EO34L/R, R242 YJU R271					242
6	33L/R	34L(2	3′)	1230	3'	15L	/R 16	R(2	23')
HUD	34R (2	3′)		1312	13123′ 161		(23')		
	ara llel						X 15k	ts)	
DEP 125 FUK 125				UK 12	4.15				
SPR 133				R 118	3		<u>Ja</u>	D	<u>an</u>
	Obstack								
	over IV II,II CAT								EFC
24		NON	E		MRE	_		•	Z 24
				-	ACF	_			24 (AR)
06	ME	LOS S	OUTH	-	ACH 1ELC				06 (AR) 06(5도)
HUD		2 4(66	4')	9	9843	3'	06	6(6	47')
24 : T2	2(5043')	,T1(70	043')	, 06	:ТЗ	3(504	13'), T	4(7	(043')
ILS Y 24 [·] (<mark>선호</mark>	Tum SP <mark> 반경의</mark> RWY, 1	으로 선	<u> 1회</u>	늦어짐	. 주	의!,	SPD N	νlο	rn 시직 dify)



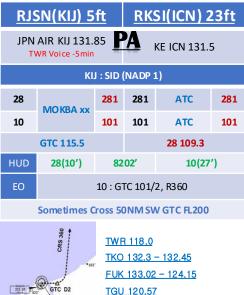
16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444')

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

8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKS	I(ICN	1) 23	3ft		RJSN(KIJ) 5ft				
K DCL -10	E ICN 1 0분 TOBT CTC Con	PA	JPN AIR Niigata 131.85						
ļ	ICN : SIE) (33/	34 N	ADP 1	l, 15	/16	NADP	2)	
33L/R	EGO xE/		3	33	3	33	5500 ATO	•	333
34L/R	EGOB	AxY	3	33	3	33	ATO	2	333
15L/R	EGOB	A xC	1	53	1	53	500	0	153
16L/R	EGOB	AxH	1!	53	1	53	500	0	153
NC 113		33 109	_	33 108		_	5L 1.9		15R 109.1
WN 112		34 109	_	34 108		_	6L 0.35	:	16R 108.55
-	: NCO5L YJU R27		:42	34	34L/R : EO34L/R, R242 YJU R271				
	33L/R	34L(2	3′)	1230	3'	15L	/R 16	R(2	23')
HUD	34R (2	3′)		1312	3'	16L	(23')		
P	Para llel	TWY 1	LOKTS	이상	k(R1	7 MA	X 15k	ts)	
DEP 125. TKO 133. KIJ RDR	8 - 132			FUK 12	4.15		Ja	p	<u>an</u>
At/Belo		TC-50							250kts
28	TE	RAD E	AST	К	YOG	ŝΑ	IL	S Z	Z 28
10		RAD V KAETS			YUT NAH	_			Z 10 LO (AR)
HUD		28(10	')	8	32 02	2'	10	0(2	27')
28 : B4	l(6167')	,B5(79	906')	, 10): P3	3(629	92'), B	1(8	3100')
LDC Dat RWY 1	a: RW l0 Dowr								

GND by TWR



APP 119.75 115.5 GTC

	<u>Japan</u>
ICN: STAR	

ILS 33/34 GUKDO xF **FNPIL** GUKDO 180

GUKDO xH MUNAN

ILS 15/16 GUKDO 180 15L/R 12303

33L/R 34L(23')

HUD

16R(23') 13123'

34R(23')

16L(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

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

16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKPC(CJU) 119ft RJAA(NRT) 135ft KE CJU 129.4 KE Tokyo 131.70 DCL -10분 CJU: SID (NADP 1) **TAMNA xE** 07 066 066 9000 066 25 TAMNA xW 246 246 ATC 246 YDM 109.0 07 109.9 25 111.3 25: YDM246/3, R290 07: NONE HUD 07(87') 10433' 25(77') 07: Passing G4 CTC TWR 25:31 Holding PSN on P, E1,2,3 CTC TWR 109.0 YDM RKPC CRS-290 D3 YDM DEP 121.2 - ICN 124.52 - KOB 118.9 - FUK 133.15 - 119.35 134.35 - TKO 125.9 - TKO APP 124.4 - 120.2 - ARR 121.27 NRT: MAMAS 240 **RUTAS E ELGAR** 34L/R ILS 34L/R(Z) (RUTAS T) (TYLER) **RUTAS G GEMIN** 16L/R ILS Z 16L/R (RUTAS N) (NORMA) 16L(135') 34R(141') 8202 HUD 16R(130') 13123' 34L(139') 16L: ITM 4 / 34R: ITJ 14, 4 (DME) 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 (No Numbering)

RJAA	(NR1	r) 1 3	35ft	RKP	C(CJU)	119ft			
KE .	Tokyo : DCL -15		PA	KE CJU 12	9.4				
NRT : SID – ENPAR tx (NADP 1)									
16L/R	TETR	TETRA x		157	ATC	157			
34L/R	ENPA	R tx	337	337	7000/AT	C 337			
NR 117	_	16 110	_	16R 111.5	34L 111.9	34R 110.9			
HUD	16L(1	.35′)	8	202'	34R	(141')			
нор	16R (1	L 30 ′)	13	123'	34L (139')				
34R :		-,	/		2/23 220KT	rs 확인			
AP					A 12000A RWY 별 DE	P RTE			
DEP 12		28 12	– FUR	(133 02	! – KOB 13	3 55			
				3 118.9		<u>0.00</u>			
ICN 12	4.52				Ja	pan			
APP 12	21.2				933				
AFT	Merge F	PT(220		STAR	Okts), FAF (1	.60kts)			
ILS Z 07	TA	MNA	хР	YUI	MIN				

ILS Z 25

TAMNA xT(xM)

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

DUKAL

10433'

25(76')

RKSS(GMP) 59ft | ZSSS(SHA) 10ft KE GMP 131.15 DCL -15분 가능 TOBT 5분 차이 PAChina Eastern 131.5 시 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** 144 144 144 6000 14L/R (BULTI xZ) 144 144 6000 144

32R

110.7

(BOLITXZ)

KIP 32L

113.6 108.3

32L/R: EO32L/R, R225

YJU R271

HUD

32L(41')

144 6000 144 7 109.9 108.7 14L/R : EO14L/R, R220

14L 14R 109.9 108.7 EO14L/R, R220 P73 /2 14R(34') 14L(38')

32R(42') 11811' 14L(38')

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

CJU 124.52
SHA 120.95
SHA APP - 125.625 - 125.4 - 126.65

SHA: STAR

10499'

SHA : STAR
SPD Rest From IAF(210kts), 180kts, 160kts

ILS Z18L PUD 61A SS204

above 2960ft PUD QRH
PRIOW 2960ft SUA ORN

ILS Z 36R PUD 71A SS405 Below 2960ft SHA QRH
HUD 18L(6') 10499' 36R(9')

HUD 18L(6') 10499' 36R(9')

18L: A3(6555'), A4(7578') 36R: A2(5738'), A1(7089')

Traffic PTN West of RWY, Landing East RWY Normally

18L: A3(6555'), A4(7578') 36R: A2(5738'), A1(7089')

Traffic PTN West of RWY, Landing East RWY Normally

Des 550m (1800ft) "five five zero meters"

L08. L09 not available B737

Shall CTC Apron Before Entering

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

	bound	
(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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	Т
3000 M	9800 FT	lт

11900 M	39100 FT
11300 M	37100 FT
10700 M	35100 FT
10100 M	33100 FT
9500 M	31100 FT
8900 M	29100 FT
8100 M	26600 FT
7500 M	24600 FT
6900 M	22600 FT
6300 M	20700 FT
5700 M	18700 FT
5100 M	16700 FT
4500 M	14800 FT
3900 M	12800 FT
3300 M	10800 FT
2700 M	8900 FT
2100 M	6900 FT
4500 11	4000 FT

Eastbound 179")

44900 FT

41100 FT

(360) 13700 M

12500 M

3900 FT 1200 M

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

■ ALT / HEIGHT Conversion

2400 M

1800 M

Meter

1000 M

900 M

800 M

700 M

1500 M 4900 FT

550M

Meter

500M

450M

400 M

350 M

Chi	

1800ft

Feet

1600FT

1500FT

1300 FT

1100 FT

1000 FT



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

14R: 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)

RKSS(GMP) 59ft|ZBAA(PEK) 116ft KE GMP 131.15 Air China Beijing DCL -15분 가능 TOBT 5분 차이 131.5 시 CTC Comm Rwv 32R Takeoff (06:00L~0900L/12:00L~15:00L /18:00L~21:00L) GMP: SID (NADP 1) NOPIK xT 324 324 5000 324 32L/R (NOPIK xQ) 324 5000 324 324 **NOPIK xU** 144 144 6000 144 14L/R **KIP** 32L 32 R 14L 14R 113.6 108.3 110.7 109.9 108.7 32L/R: EO32L/R, R225 14L/R: EO14L/R, R220 YIIJ R271 P73 /2 32L(41') 10499' 14R(34') HUD 32R(42') 11211 14L(38') APRON(130.875) -> GND(121.9) -> TWR (All by ATC) DEP 125.15 - TGU 132.8 - DLC 132.95 TAO 133.72 - 128.15 - PEK 125.6 PEK APP 120.6 - Final 119.0 PEK: STAR (RW01/19 main (RW36L/18R)) ILS Z 01(Y 36L) 01(36L) **DUMAP xZA AA421** 19(18R)) **DUMAP xZA** Δ Δ 5 2 1 ILS Z 19(Y 18R) 19(94') 3.2도 01(84') 12467 HUD 36L(107') 10499' 18R(115') FIX: RWxx /8(180kts), /6(160kts) TMA Max 280kts 01: Q5(5223'), Q6(7024'), 19: Q4(5298'), Q3(7103') 36L: P6(6276'), P7(7719'), 18R: P3(6223'), P2(7552') APU off Procedure (GND Air Cond' & GPU)

Standard TAXI RTE in Jeppesen Chart

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
M	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

ZBAA(PEK) 116ft RKSS(GMP) 59ft Air China Beijing 131.5 DCL -30분, Voice -10분 KF GMP 131.15 (COBT/STD 15분 차이 CTC Comm) Rwy 32L Landing (06:00L~0900L/12:00L~15:00L /18:00L~21:00L) PEK: SID (NADP 1) RW36R/18L Intersec T/O W2, W7 36R MUGLO ATIS/DCL 359 359 359 (01)xWD(xYD) 18L **MUGLO** 179 179 ATIS/DCL 179 xZD(xYD) (19)**PFK** 36R 18L 01 19 114.7 111.55 109.3 108.5 108.9 36R: PEK 325/11, 36L: PEK 326/13, 01: PEK 323/9 R124 36R(98') 18L(110') HUD 12467' 01(84') 19(94') COBT from ATIS "Enroute", Bad Wx DOTRA SID DEP 124.4 PEK APP 120.6 - PEK 125.6 DLC 123.2 - 132.95 ICN 132.8 - APP 119.75 **GMP: STAR** REBIT xT(xQ) ILS 32L/R BUMSI RFBIT 170 ILS 14R REBIT xU DOKDO 32L(41') 10499' 14R(34') HUD 32R(42') 11811' 14L(38')

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

32L/R: 8 KIPL/G. 14R: LOC CAPTL/G

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

KIP /8(RWY 32), YJU R271, P73 /2

FIX

14R: C1(6578')

FAF: Final Flap

RKSS(GMP) 59ft RJBB(KIX) 17ft KE GMP 131.15 DCL -15분 가능 TOBT 5분 차이 KF KIX 130.95 시 CTC Comm Rwv 32R Takeoff (06:00L~0900L/12:00L~15:00L /18:00L~21:00L) GMP: SID (NADP 1) **FGOBA xT** 324 324 5000 324 32L/R (EGOBA xQ) 324 324 5000 324 14L/R **EGOBA xU** 144 144 6000 144 **KIP** 32L 32 R 14L 14R 113.6 108.3 110.7 109.9 108.7 14L/R: EO14L/R, R220 32L/R: EO32L/R, R225 YJU R271 P73 /2 32L(41') 10499' 14R(34') 32R(42') 11811' 14L(38') APRON(130.875) -> GND(121.9) -> TWR (All by ATC) DEP 125.15 - TGU 134.17 - TKO 133.8 **KIX RDR 120.85** KIX APP 120.25 KIX: STAR (SAEKI 170, RANDY 150) 06L ALISA B **BFRRY** ILS Y 06L 06R ALISA A ALLAN ILS Y 06R 24L/R ALISA C MAYAH ILS Z 24L/R 06L(15') 13123' 24R(23') HUD

11483'

24L(12')

06R(5')

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 RKSS(GMP) 59ft								
KE KIX 130.95 PA KE GMP 131.15								
Rwy 32L Land ing (06:00L~0900L/ 12:00L~15:00L /18:00L~21:00L)								
	KI	X : SID	– SC	נטכ	Atx(N	IADP	1)	
06L/R	HELE	Nx	059	9	059		ATC (000)	059
24L/R	- SOUJA tx		239	9	239	-	ATC (000)	239
KI 111	_	06 108				24R 108.5		
HUD	06L(06L(15') 13123' 24R(23')					(23')	
חטט	06R (5') 13123' 24L (12')							
		APU S	Start,	, TA	AXI RTE	1, 2		
DEP 1								
-	<u> 32.7 – 1</u>	33.8						
TGU 12						5		<u>pan</u>
APP 119.75								
GMP : STAR								
ILS 32L	/R (GUKDO	Тх С		BUN	/ISI	OLI	MEN 160
ILS 14	R C	UKDO) xU		DOK	DO	OLI	MEN 160
32L(41') 10499' 14R(34')								

32R(42')

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

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

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

11811'

KIP /8(RWY 32), YJU R271, P73 /2

14L(38')

HUD

14R: C1(6578')

FAF: Final Flap

119ft ZBAA(PEK) 116ft Air China Beijing **KE CJU 129.4** DCL -10분 132.0 CJU: SID (NADP 1) LIMDI xF 066 9000 066 07 066 25 **KAMIT xW** 246 246 ATC 246 **YDM 109.0** 07 109.9 25 111.3 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 109.0 YDM RKPC CRS-290 China D3 YDM DEP 121.2 - TGU 124.52 - 120.72 - 126.17 - 132.8 DLC 132.95 - TAO 133.72 - 128.15 - PEK 125.6 PEK APP 120.6 - Final 119.0

PEK: STAR (RW01/19 main (RW36L/18R)) ILS Z 01(Y 36L) 01(36L) **DUMAP xZA** AA421

DUMAP xZA AA521

19(18R)) ILS Z 19(Y 18R) 19(94') 3.2도 01(84') 12467'

HUD 36L(107') 10499' 18R(115')

FIX: RWxx /8(180kts), /6(160kts) TMA Max 280kts

01: Q5(5223'), Q6(7024'), 19: Q4(5298'), Q3(7103') 36L: P6(6276'), P7(7719'), 18R: P3(6223'), P2(7552')

APU off Procedure (GND Air Cond' & GPU) Standard TAXI RTE in Jeppesen Chart

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
M	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

ZBAA(PEK) 116ft RKPC(CJU) 119ft Air China Beiling 132.0 DCL 30분전, Voice 10분전 **KF CIU 129.4** (COBT/STD 15분 차이 CTC Comm) PEK: SID (NADP 1) RW36R/18L Intersec T/O W2, W7 36R MUGLO 359 359 ATIS/DCL 359 (01)xWD(xYD) 18L MUGLO 179 179 ATIS/DCL 179 xZD(xYD)(19)**PFK** 36R 18L 01 19 111.55 109.3 108.5 108.9 114.7 36R: PEK 325/11. 36L: PEK 326/13. 01: PEK 323/9 R124 36R(98') 18L(110') HUD 12467' 01(84') 19(94') COBT from ATIS "Enroute", Bad Wx DOTRA SID **DEP 124.4** PEK APP 120.6 - PEK 125.6 DLC 123.2 - 132.95 114.7 PEK ICN 132.8 - 126.17 - 120.72 5300 124.52 - APP 119.75 3800 China CJU: STAR

ILS Z 07

ILS Z 25

HUD

LIMDI xP

LIMDI xT(xM)

07(87')

07: P6(5176'), P5(5882'), P4(6840'-ATC HIRO) **25**: P7(5219'), P8(5882'), P10(7524'-ATC HIRO)

YUMIN

DUKAL

Entering Rapid TWY CTC GND 121.675 (STOP x)
HST 40KTS

10433'

25(76')

RKPI	((PU	S) 13	ft Z	SPD(P	VG) 1	L3ft		
KE Gimhae 129.2 PA China Eastern 130.5								
PUS	PUS: SID (Mod NADP (1821000, 14000 MAX)							
36		RO x AX tx	306	280	ATC	279		
18		IM x OT tx	182	182	5000	182		
KMH 1	13.8	PSN 1	114.0	36L 108.	5 36R	109.5		
	3	6 : KMH	I R091, R	271, R185	5			
HUD		36L(13') 36R(8')	10499' 8999'		R(13') 85 L(13') 89			
RWY	36 400	ft Man I	_/H turn,	Max Taxi	SPD 201	KTS		
MH R-091 GIANAE 113.8 KMH DEP 125.5 – TGU 128.17 – 124.52(125.72)								
SHA 120.95 SHA APP 125.62(119.975) – 125.4 China								
PVG	: STAR	(North	of 'PVGN	IB', R-276	Prohibit	ted)		
34R (L)/3	35 L(R)	DUM	91A/92A	MP2	ILS	Zxx		
16L(R)/	17R(L)	DUM	81A/82A	MP1	ILS	Zxx		
		34R/L	(11'/12')	12467'	16L/R(1	2'/11')		
HU	D	3	5R(10')	13123′	17L10	r)		
		3	5L(12')	11155′	17R(12	<u>'</u> ')		
34R: G4(5603'), G5(6896'), 16L: G3(5577'), G2(6909') 35L: D4(5636'), D5(6932'), 17R: D3(5626'), D2(6942')								
Normally DUMET 6000 m Follow Me Car Insight – TAXI L/T off, APU off Procedure								

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
M	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

ZSPD(PVG) 13ft					RKP	K(PUS)	<u>13ft</u>	
China Eastern 130.5 PA KE Gimhae 129.2								
PVG : SID (NADP 1) (ATC Hold Expected Fuel Add!!)								
34L/R 35R/L		LAM 92D LAM 91D)			348	ATC (900m)	348	
16R/L 17L/R		AM 82D AM 81D)		68	168	ATC (900m)	168	
PUD 116.9 34R 108.9 16L 111.5		35L 108.1 17R 111.1		17R	34L 108.3 16R 108.7	35R 111.9 17L 110.7		
HUD	34	34R/L(11'/12 35R(10') 35L(12')			2467' 3123' 1155'	16L/R(12'/11') 17L(10') 17R(12')		
APU Start, TUG Connect After Beacon L/T ON Ready for Intersection T/O								

SHA 120.95

APP - 125.5

ILS 36

VOR 18

HUD

SHA APP 125.4 (Without Instruction)

PUS: STAR (Tail Wind 36R 136000lbs F40)

ANROD

ANROD

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)

China

9DME LG, 8DME FLAP

18 Circling Click!!

18R(13') 8530'

18L(13') 8999'

18: KMH R284, R280

SHA APP 125.62(119.975)

ICN 125.725(124.52) - 128.17

KEVOX x

GAYHA x

36L(13') 10499'

36R(8') 8999'

36: IKMA/IKHE/9,/8

RKS	RKSI(ICN) 23ft						ZSNJ(NKG) 49ft				
DCL -10	KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm										
ICN : SID (33/34 NADP 1, 15/16 NADP 2)											
33L/R	ВОРТ	A xA	3	33	3	33	ATC		333		
34L/R	ВОРТ	AxY	3	33	3	33	ATO		333		
15L/R	ВОРТ	АхС	1	53	1	53	500	0	153		
16L/R	BOPT	A xH	1	53	1	53	500	0	153		
NC 113		33 109	_	33 108			5L 1.9		15R 109.1		
WN 112		34 109		34 108			6L 0.35 1		16R 108.55		
33 L/R: NCO5 L/R, R242 34 L/R: EO34 L/R, R242 YJU R271 YJU R271						R242					
	33L/R	34L(2	3′)	1230	12303' 15L/R 16R(23')						
HUD	34R (2	3')		1312	13123' 16L (23')						
F	Para ll el	TWY 1	.0KTS	이상	l(R1	7 MA	X 15k	ts)			
DEP 125								12	5.72)		
SHA 120 NKG AP					<u>- 11</u>	9.07		n i	ina		
	: STAR				18 4	2.1-					
07		ESB 7					_		Z 07		
(06		(ESB 6	•		SNQ				Z 06)		
25 (24			SB 52F/2 SB 42F/1		NJ210				Z 25 Z 24)		
HUI			07(4:	1')	118	11'	25(3	39')		
- 1101			06(4	3')	118	11'	24(3	38')		
07 : D5(06 : A5(

IAF, Missed App SPD APP: 210kts or 205kts

Follow Me Car on C 13, APU off Procedure

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
M	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

ZSNJ(NKG) 49ft				RK	RKSI(ICN) 23ft				
D	None DCL 가능, READ BACK!				PA KE ICN 131.5				
	NKG:SID (NADP 1) (ATC Hold Expected Fuel Add!!)								
06 (07)	064			064	300 (900i	_	064		
24 (25)		42X/12D 52X/22D)	244	244	3000 (900m)		244		
NJL 1	NJL113.6 07 108.7		:	25 06 111.3 110.3					
HUD	HUD 06(43') 07(41')			11811' 24(38 25(39					
	APU S	Start, TUG	Conne	ct Afte	r Beaco	n L/	ГОИ		
NKG SHA ICN	DEP 119.25 NKG APP 126.55 SHA 119.075 – 125.95 – 120.55 – 120.95 ICN 125.725(124.52) – 120.72 – 126.17 APP – 119.75								
ICN : STAR									
ILS 3	3/34	OLMEI	N xE	E	NPIL	OL	MEN 180		
ILS 1	5/16	OLMEN	Hx I	M	JNAN	OL	MEN 180		
331/R 341(23') 12303							15L/R		

33L/R 34L(23')

34R(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

HUD

12303'

13123'

16R(23')

16L(23')

RKSI(ICN) 23ft					ZSQD(TAO) 30ft					
KE ICN 131.5 DCL -10분TOBT5분차이시 CTC Comm										
ICN : SID (33/34 NADP 1, 15/16 NADP 2)										
33L/R	NOPI	КхА	3	33	3	33	ATC		333	
34L/R	NOPI	K xY	3	33	3	33	ATO		333	
15L/R	BINII	L xC	1	53	1	53	500	0	153	
16L/R	BINII	xH	1	53	1	53	500	0	153	
NC 113		33 109	_	33 108		_	5L 1.9			
WN 112		34 109	_		34R 108.1		16L 110.35		16R 108.55	
•	33L/R: NC05L/R, R242 34L/R: EO34L/R, R242 P518 R068, R278 P518 R068, R278									
	33L/R	34L(23')		1230	12303' 15L/F			R(2	23')	
HUD	34R (2	3')) 1		13123' 16L ((23')			
P	arallel	TWY 1	OKTS	이싱	k(R1	7 MA	X 15k	ts)		
TAO 128	DEP 125.15 – TGU 128.7 – DLC 132.95 TAO 128.55 – 134.85 China									
TAO AP	P 119.7 STAR			Δ-1Δ	BOE	DR15	៰동즉	즈 -	근지	
35 (3		LAT 9				2405			35 (34)	
17 (1)		LAT 8			-	0305			17 (16)	
	-,			7')				17(29')		
HUI	D		34(2	7′)	, , ,)		
FIX: AV	BIK R01	.4, LAF	ROPF	R159,	R18	3(두	점 연	결)	

35 : S2(5255'), S4(6624'), 17 : S1(5282'), S3(6604') 34 : R2(5278'), R4(6650'), 16 : R1(5318'), R3(6706') 위의 Point 불가시 TWR 보고, Apron CTC 주의 Follow Me Car on Lxx APU off Procedure

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
M	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

ZSQD(TAO) 30ft				RK	SI(IC	CN)	<u>23ft</u>		
None DCL 가능, No READ BACK! (Voice 10분전 부터)					PA	KE ICI	N 13:	1.5	
TAC	TAO: SID (NADP 1) Walk Around Ramp Pass & PW								
34 (35)	LAT 91D/01D 35			50	350	ATC 3 (900		350	
16 (17)	LAT	LAT 81D/11D		70	170	ATC 3000 (900m)		170	
-	JDG 17 114.45 110.15			1	35 09.75	34 108.55			
HUD		34(27') 35(27')			11811' 16(27') 17(29')				
FIX:	AVBIK	K R014, LAF	ROF	PR:	159, R1	83(두	점 연	결)	
Н	eadin	g 190, Joi n	W	20	9 -> DC	T LATU	JX CR	RS 148	
TAO APP 119.4 TAO 119.73 TAO 134.85 - DLC 132.95 ICN 128.7 - APP 119.75 China									
			IC	: N	STAR				
ILS 3	ILS 33/34 REBIT xA				P	AMBI	RE	EBIT 170	

RFBIT 170

15L/R

16R(23')

16L(23')

MUNAN

12303'

13123'

ILS 15/16

HUD

REBIT xH

33L/R 34L(23')

34R(23')

FIX RWY /8, /5, P518 R068, R278

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513')
15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507')
16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444')

8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

RKSI(ICN) 23ft ZBAA(PEK) 116ft **KE ICN 131.5** PA Air China Beijing DCL -10분 TOBT 5분 차이시 CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) 33L/R **NOPIK xA** 333 333 **ATC** 333 34L/R NOPIK xY 333 333 **ATC** 333 15L/R **BINIL xC** 153 153 5000 153 16L/R BINIL xH 153 153 5000 153 NCN 33 L 33 R 15L 15R 113.8 109.3 108.9 111.9 109.1 WNG 34L 34R 16L 16R 110.35 112.9 109.95 108.1 108.55 33L/R: NC05L/R, R242 34L/R: EO34L/R, R242 P518 R068, R278 P518 R068, R278 33L/R 34L(23') 15L/R 16R(23') 12303' HUD 34R (23') 13123' 16L (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) DEP 125.15 - TGU 132.8 - DLC 132.95 TAO 133.72 - 128.15 - PEK 125.6 China PEK APP 120.6 - Final 119.0 PEK: STAR (RW01/19 main (RW36L/18R)) **DUMAP xZA** AA421 ILS Z 01(Y 36L) 01(36L) ILS Z 19(Y 18R) 19(18R)) DUMAP xZA AA521 01(84') 12467' 19(94') 3.2도 HUD 36L(107') 10499 18R(115') FIX: RWxx /8(180kts), /6(160kts) TMA Max 280kts 01: Q5(5223'), Q6(7024'), 19: Q4(5298'), Q3(7103') 36L: P6(6276'), P7(7719'), 18R: P3(6223'), P2(7552')

APU off Procedure (GND Air Cond' & GPU)
Standard TAXI RTE in Jeppesen Chart

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (180' -	359')	
(100	338	
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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	TA

11900 M	39100 FT
11300 M	37100 FT
10700 M	35100 FT
10100 M	33100 FT
9500 M	31100 FT
8900 M	29100 FT
8100 M	26600 FT
7500 M	24600 FT
6900 M	22600 FT
6300 M	20700 FT
5700 M	18700 FT
5100 M	16700 FT
4500 M	14800 FT
3900 M	12800 FT
3300 M	10800 FT
2700 M	8900 FT
2100 M	6900 FT

1500 M

Meter

500M

450M

400 M

350 M

300 M

Eastbound 179")

44900 FT

41100 FT

(360) 13700 M

12500 M

1200 M 3900 FT

550M

7900 FT

5900 FT

2400 M

1800 M

600 M

1000 M 3300 FT

Feet

ALT / HEIGHT Conversion Meter

900 M 3000 FT 800 M 2600 FT 700 M 2300 FT

2000 FT

China

1800ft

Feet

1600FT

1500FT

1300 FT

1100 FT

1000 FT

4900 FT

BAA(PEK) 116ft RKSI(ICN) 23ft Air China Beijing 132.0 DCL 30분전, Voice 10분전 **KE ICN 131.5** (COBT/STD 15분 차이 CTC Comm) PEK: SID (NADP 1) RW36R/18L Intersec T/O W2, W7 36R MUGLO 359 359 ATIS/DCL 359 xWD(xYD) (01)18L **MUGLO** ATIS/DCL 179 179 179 (19)xZD(xYD)**PFK** 36R 18L 01 19 109.3 114.7 111.55 108.5 108.9 36R: PEK 325/11, 36L: PEK 326/13, 01: PEK 323/9 R124 36R(98') 18L(110') HUD 12467' 01(84') 19(94') COBT from ATIS "Enroute", Bad Wx DOTRA SID **DEP 124.4** PEK APP 120.6 - PEK 125.6 DLC 123.2 - 132.95 ICN 132.8 - APP 119.75 114.7 PEK 5300 China 3800 3000 **ICN: STAR** ILS 33/34 REBIT xA **PAMBI** REBIT 170 ILS 15/16 MUNAN RFBIT xH RFBIT 170 15L/R 33L/R 34L(23') 12303' 16R(23') HUD 34R(23') 13123' 16L(23') RWY /8. /5. P518 R068. R278 33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKS	I(ICN	ZY	(T)	K(S	HE)	1	98ft			
DCL -1	PA	hina Southern Dispatch 131.5								
ļ	ICN : SIE) (33/	34 N	ADP 1	l, 15	/16	NADP	2)		
33L/R	NOPI	K xA	33	33	3	33	ATO	2	333	
34L/R	NOPI	K xY	33	33	3	33	ATO	2	333	
15L/R	BINII	L xC	1!	53	1	53	500	0	153	
16L/R	BINIL	.xH	1!	53	1	53	500	0	153	
NC 113		33 109	-	33 108		_	5L .1.9		15R 109.1	
WN 112		34 109	_	34 108		_	6L 0.35			
33L/R : NC05L/R, R242 P518 R068, R278				34L/R : EO34L/R, R242 P518 R068, R278						
HUD	33L/R	34L(2	3')	1230	12303' 15L/R 16			R(2	23')	
שטח	34R (2	3′)		1312	13123' 16L (23')					
F	Para llel	TWY 1	.0KTS	이싱	(R1	7 MA	X 15k	ts)		
DEP 12				– DLC	13	2.95	<u> – 135</u>	.65	<u> </u>	
DLC 13				_						
TWR 11		<u>5 – 11</u>	3.02	5			<u>Cr</u>	Ì	na	
SHE:	STAR (CLR Lii	mit T	OSID	Late	e Har	ndoff :	to!	SHE)	
06	то	SID 62	A, 61	Α .	TX5	04	ILS	5 Z	06	
24	то	SID 72	A, 11	Α .	TX6	62	ILS	5 Z	24	
HUD		06(17	'O')	10)49 9	9'	24(1	.98	')	
Around	HUD 06(170') 10499' 24(198') Around TOSID – Present TRK or HDG – CTC SHE CTL									
06 : D(6210'), C(7854'), 24 : J(6227'), K(7864') - ATC								HE	CTL	

06 : HP06(03), 24 : HP06(03) Follow Me Car Normally Remain Parking Brake SET!! APU off Procedure (GND Air Cond' & GPU)

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (180' -	359')	
(100	338	
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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	TA

11900 M	39100 FT
11300 M	37100 FT
10700 M	35100 FT
10100 M	33100 FT
9500 M	31100 FT
8900 M	29100 FT
8100 M	26600 FT
7500 M	24600 FT
6900 M	22600 FT
6300 M	20700 FT
5700 M	18700 FT
5100 M	16700 FT
4500 M	14800 FT
3900 M	12800 FT
3300 M	10800 FT
2700 M	8900 FT
2100 M	6900 FT

1500 M

Meter

500M

450M

400 M

350 M

300 M

Eastbound 179")

44900 FT

41100 FT

(360) 13700 M

12500 M

1200 M 3900 FT

550M

7900 FT

5900 FT

2400 M

1800 M

600 M

1000 M 3300 FT

Feet

ALT / HEIGHT Conversion Meter

900 M 3000 FT 800 M 2600 FT 700 M 2300 FT

2000 FT

China

1800ft

Feet

1600FT

1500FT

1300 FT

1100 FT

1000 FT

4900 FT

ZY	ΓX(S	HE) 19	98ft	RK	SI(IC	CN)	23ft
	가능, 5	them Disp 131.5 분전 READ ce 10분전)	-	PA	KE ICI	N 131	5
S	HE : SI	D (NADP 1) A2,	A8 Inte	ersec T	O by	ATC
06	TOSI	D 61,62D	056	056	ATIS/	DCL	056
24	TOSI	D 71,72D	236	236	ATIS/DCL		236
SEY 1	114.1	06	110.5	24 110.3			
HUE		06(170')		1049	10499' 24(198'		
N	ADT = CTOT See Eroute ATIS Follow FollowMe Car Until HPxx Be Careful "Hold short CAT I Hold line" Maintain Present TRK/HDG Join A588(CRS 217) Offset R3 → Active Fix DCT and EXE again!!						
СТ	C APF	without T	WR In	structio	n		
<u>APP 119.825 – 125.55</u>							
DL	<u>C 134</u>	<u>.325 – 135</u>	<u>.65</u>				
DL	C 132	<u>.95</u>					
IC	N 132.	8 – APP 1	19.75			<u>Ch</u>	<u>ina</u>

ICN: STAR

REBIT xA **PAMBI** MUNAN

ILS 33/34 ILS 15/16 REBIT xH 33L/R 34L(23') HUD

34R(23')

12303' 13123'

RWY /8, /5, P518 R068, R278

15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

15L/R

16R(23')

REBIT 170

RFBIT 170

16L(23')

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513')

RKS	<u>z</u> :	SP	D(F	vG) :	13ft			
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm					C		East 30.5	er	n
	CN : SII) (33/	34 N.	ADP 1	, 15	/16	NADP	2)	
33L/R	BOPT	A xA	3	33	3	33	ATO	2	333
34L/R	ВОРТ	A xY	3	33	3	33	ATC	2	333
15L/R	BOPT	А хС	1	53	1	53	500	0	153
16L/R	BOPT	AxH	1	53	1	53	500	0	153
NC 113		33 109	_	33 108		_	5L 1.9		15R 109.1
WN 112		34 109	_	34 108		_	6L 0.35	1	16R .08.55
-	33L/R : NCO5L/R, R242 YJU R271				4L/F		34L/R R271	R, R	242
HUD	33L/R	34L(2	3')	12303' 15L/R			/R 16	16R(23')	
нор	34R (2	3′)		13123' 16L (23')					
F	ara llel	TWY 1	.0KTS	이싱	(R1	7 MA	X 15k	ts)	
DEP 125		GU 12	26.17	- 120	0.72	- 12	4.52(12	5.72)
SHA 120 SHA API		2(110	975)	- 12	5 /		Ch	ıi	<u>na</u>
	: STAR					R-276	5 Proh	ihi	ted)
34R(L)/				\/92A		MP2			S Z xx
16L(R)/	` '			./82A		MP1		-	S Z xx
202(11))	27 11(2)			-					/ 2'/11')
HUD			35 R(10′)	13	3123 [']	17	L(1	0')
	35L(:		12')	11	.155′	17F	R(1	2')	
34R: G4(5603'), G5(6896'), 16L: G3(5577'), G2(6909') 35L: D4(5636'), D5(6932'), 17R: D3(5626'), D2(6942')									
Normally DUMET 6000 m Follow Me Car Insight – TAXI L/T off, APU off Procedure									

□ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (180' -	359')	
(100	338	
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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	TA

11900 M	39100 FT
11300 M	37100 FT
10700 M	35100 FT
10100 M	33100 FT
9500 M	31100 FT
8900 M	29100 FT
8100 M	26600 FT
7500 M	24600 FT
6900 M	22600 FT
6300 M	20700 FT
5700 M	18700 FT
5100 M	16700 FT
4500 M	14800 FT
3900 M	12800 FT
3300 M	10800 FT
2700 M	8900 FT
2100 M	6900 FT

1500 M

Meter

500M

450M

400 M

350 M

300 M

Eastbound 179")

44900 FT

41100 FT

(360) 13700 M

12500 M

1200 M 3900 FT

550M

7900 FT

5900 FT

2400 M

1800 M

600 M

1000 M 3300 FT

Feet

ALT / HEIGHT Conversion Meter

900 M 3000 FT 800 M 2600 FT 700 M 2300 FT

2000 FT

China

1800ft

Feet

1600FT

1500FT

1300 FT

1100 FT

1000 FT

4900 FT

ZSPI	D(P	VG) 13	3ft		RKS	I(ICN)	2 <u>3ft</u>	
	China Eastern 130.5 PA KE ICN 131.5 DCL 20분전, No READ BACK!							
	(A	PVG :			IADP 1)			
34L/R 35R/L		LAM 92D (LAM 91D)		48	348	ATC (900m)	348	
16R/L 17L/R		AM 82D AM 81D)		168 168		ATC (900m)	168	
2112.4	34R 108.9			35 L	. 108.1	34L 108.3	35R 111.9	
PUD 1	16.9	16L 111.5		16L 17R			16R 108.7	17L 110.7
HUD	34	R/L(11'/12 35R(10') 35L(12')	2')	1	2467' 3123' 1155'	16L/R(12 17L(1 17R(1	0')	
APU Start, TUG Connect After Beacon L/T ON Ready for Intersection T/O								
SHA APP 125.4 (Without Instruction) SHA APP 125.62(119.975) SHA 120.95 ICN 125.725(124.52) – 120.72 – 126.17 APP – 119.75								
	ICN : STAR							

OLMEN xE

OLMEN xH

33L/R 34L(23')

34R(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

ENPIL

MUNAN

12303'

13123'

OLMEN 180

OLMEN 180

15L/R

16R(23')

16L(23')

ILS 33/34

ILS 15/16

HUD

RKS	<u>z</u>	YY.	J(Y	NJ)	<u>6</u> 2	<u>24ft</u>			
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm					None No D-ATIS				
ICN : SID (33/34 NADP 1, 15/16 NADP 2)									
33L/R	NOPI	КхА	3	33	3	33	ATO		333
34L/R	NOPI	K xY	3	33	3	33	ATO	2	333
15L/R	BINII	LxC	1	53	1	53	500	0	153
16L/R	BINIL	.xH	1	53	1	53	500	0	153
NO 11:		33 109	-	33 108	••		5L 1.9	:	15R 109.1
WI 113		34 109	_	34 108		_	6L 0.35	1	16R 08.55
33L/R: NC05L/R, R242 34L/R: EO34L/R, R242 P518 R068, R278 P518 R068, R278									
шь	33L/R	34L(2	3′)	1230	12303' 15L		/R 16R(23')		
HUD	34R (2	3′)		1312	13123' 16L (23')				
1	Parallel	TWY 1	OKTS	이상	^ŀ (R1	7 MA	X 15k	ts)	
	<u> 5.15 – 1</u>				213	2.95	<u> – 135</u>	.65	
	<u>– SHE 1</u>		- 118	3.9			Ch	ı	na
YNJ IW	/R 118.7		FA D.	DIMO	0	- * <i>*</i> .		•	1100
CHK NA	YNJ : I V DATA								l Train)
09	KAN/(/OMI			YJ5 (D26	04 57T)			.09 ⊊ off)
27	KAN/	KAN/OMB 19(18) KAN/OMB 11(12)			A YJ604 I A) (D341N) (VO				. 27 ⊑ off)
HUD		9(621	•			•	•		
PIX DPRKK(N43 01.6/E129 52.0) R100, R200 RWY27 /12 (Do not overshoot 12DME ARC)									
•	5330′),1		•		-	•			
	Expect Hold Due to MIL Train(ADD FUEL 30min) PAX Window must closed Between APP and DEP. Parking Brake Remain SET (Winter)								

Westbound (180" 359') 13700 M 13100 M 43000 FT 12500 M 12200 M 40100 FT 11900 M 11600 M 38100 FT 11000 M 36100 FT 10400 M 34100 FT 9800 M 32100 FT 9200 M 30100 FT 8400 M 27600 FT 8100 M 7800 M 25600 FT 7500 M 23600 FT 7200 M 6900 M 6600 M 21700 FT 6300 M 6000 M 19700 FT 5700 M 5400 M 17700 FT 5100 M 4800 M 15700 FT 4500 M 4200 M 13800 FT 3900 M 3600 M 11800 FT TL 3300 M 3000 M 9800 FT TA 2700 M 2400 M 7900 FT 2100 M 1800 M 5900 FT 1500 M 1200 M 3900 FT 550M ALT / HEIGHT Conversion Meter Feet Meter 1000 M 3300 FT 500M 900 M 3000 FT 450M 800 M 2600 FT 400 M 700 M 2300 FT 600 M 2000 FT **QFE Next Page** China

39100 FT 11300 M 37100 FT 10700 M 35100 FT 10100 M

Eastbound

179)

44900 FT

41100 FT

(360)

Meter/Feet Conversion Table

☐ China, Mongolia & North Korea

FL Conversion

33100 FT 9500 M 31100 FT 8900 M

29100 FT 26600 FT 24600 FT 22600 FT

> 16700 FT 14800 FT 12800 FT 10800 FT 8900 FT

20700 FT

18700 FT

4900 FT

1800ft

Feet

1600FT

1500FT

1300 FT

6900 FT

350 M 1100 FT 300 M 1000 FT

YNJ Altitude / He	YNJ Altitude / Height Conversion Table					
xxxx meters on STD 이후 적용 xxxx meters on QFE xxxx -> REQ QNH -> QNH xxx SET후 Conversion Table 사용 YNJ A/P Elevation : 623ft = 22.5hPa						
Height based on QFE Altitude base on QNH (Set Altitude : QFE + Elev SET						
xxx m on QFE	xxx m plus Elevation Set					
3000 m	10500 ft					
2700 m	9500 ft					
2400 m	8500 ft					
2100 m	7500 ft					
1800 m	6500 ft					
1500 m	5600 ft					
1200 m	4600 ft					
1100 m	4200 ft					
1000 m	3900 ft					
850 m	3400 ft					
800 m	3200 ft					
750 m	3100 ft					
550 m	2400 ft					
515 m	2300 ft					
500 m	2300 ft					
425 m	2000 ft					
355 m	1800 ft					
200 m	1300 ft					
100 m	1000 ft					
0 m	623 ft					

ZY	Y)(Y	/NJ) <mark>62</mark>	<u>4ft</u>	RK	SI(IC	N) 23	3ft	
Т	WR 11	None 18.75 By Void	ce F	PA	KE ICN	131.5		
YNJ: RNP SID (NADP 1) RW27 Main CTOT from GND Staff due to Mil Train (ADD Fuel) Consider Improve C/B & NO Bleed T/O (in Summer)								
27		NVU 19D (11D)	271		6500ft mQFE)	271		
09		NVU 09D (01D)	091	091 091 ATC/65 SPD 20			091	
YNJ 1	13.1	09	108.7	,		27 109.3		
FIX		27 : YNJ 27 09 : YNJ 09					,	
HUD	HUD 27(597') 3.3도			8530' 09(621				
		Mu RWY 27		ck MTC ack(Clo)		
38	3.00		THE MAX TURN	7	J 118.7 IE 132.3	<u>75</u> 35 – 119) <u>.3</u>	
2	BTT TURN NO	COURD R JOST THE COURT OF THE C	DAS WA	<u>DL</u>	C 128.	77 – 135	<u>.65</u>	
0 1		*332 IA 643 300	p.	<u>13</u>	2.95 -	ICN 132	.8	
l						Chì	<u>1a</u>	
			ICN:	STAR				
ILS 3	3/34	REBIT	хA	PΔ	MBI	REBIT	170	
ILS 1	5/16	REBIT	хН	MU	INAN	REBIT	170	
нι	JD	33L/R 34L(23')		12	303'	15 L 16 R(
		34R(2	23')	13	123'	16L(23')	
FI	Х	RWY /8, /	5, P51	L8 R068	, R278			
33R:	FIX RWY /8, /5, P518 R068, R278 33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513')							

15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft				ZS	SH	C(F	IGH)	22ft
KE ICN 131.5 DCL -10분 TOBT5분 차이시 CTC Comm 130.65									
	ICN : SID (33/34 NADP 1, 15/16 NADP 2)								
33L/R	BOPT	А хА	333		333		ATC		333
34L/R	ВОРТ	A xY	3	33	3	33	ATO	2	333
15L/R	ВОРТ	АхС	1	53	1	.53	500	0	153
16L/R	BOPT	AxH	1	53	1	.53	500	0	153
NC 113				33 108			5L .1.9		15R 109.1
	NG 34		_	34 108			.6L 0.35		16R 108.55
	: NCO5L YJU R2		242	34	4L/F		34L/R R271		₹242
	33L/R	R 34L(23')		1230	12303′ 15L/R		/R 16	16R(23')	
HUD	34R (2	3′)		13123' 16L		(23')			
F	arallel	TWY 1	LOKTS	이싱	(R1	7 MA	X 15k	ts)	ı
DEP 125									
SHA 120 HGH AP						25.62	Ch	9. /	na
	STAR -					APP K	Ceep T	ra	
	n Milita								
07/06	5 (окт, 9	SUP 9	91A	ŀ	HC41	0	ILS	S Z xx
25/24	۱ (OKT, S	SUP 8	31A	ŀ	HC30	5	ILS	Zxx
HUD		06(22')	1	115	5′	24(22	')
		07(22')	1	181	l1'	25(22	')
FIX		Α	PP S	PD RE	ST i	n AP	P Cha	rt	
07 : A	5(5613' 5(6266'), <mark>A6</mark> (7565	<mark>')</mark> , 25	: A4	(625	0'), A	3(7	'555 ')

TWR Permisson Report RWY Vacated

TAXI RTE In Jeppesen Chart, Follow Me Car, APU off

☐ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
M	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

ZSHC	C(H	GH) 22	RKS	I(IC	N) 2	3ft		
Hangzhou Reporting Office 130.65 DCL(NO Readback) Voice 10min전								
HGH: SID (NADP 1)								
07/06	ОКТ,	SUP 91D	069	9 069 3000 (900m)			069	
25/24	SU	JP 81D	249	249	(90	000 00m)	249	
HGH 11	L3.0	06 110.5	_	07 10.35	11	24 l 1.5	25 108.5	
FIX		24/2	25 : HO	SH 249/	5.5, F	R020		
HUD		06(22')	11155′		24(22')		
		07(22'	,	11811′		25(22')		
		rt, TUG Co				•		
Ke	ea/Rii	ue PushBa After T/C	•	,		irectio	n	
		HINGZHOU- 113.0 HGH	, nep	JI (1/ C	1\vv :			
1, 4	448	HGH API	. 100	4 440	20			
8		SHA APP			<u>.02</u>			
0 55 MOH						Chi	na	
		SHA 120						
		ICN 125.	/25(1)	24.52) -	- 120	./2 - 1	26.17	
		I	CN : S	ΓAR				
ILS 33/3	34	OLMEN :	хE	ENP	IL	OLMEN 180		
ILS 15/1	L6	OLMEN 2	κH	MUN	AN	OLM	EN 180	
HUD		33L/R 34L(23')	1230	303'		L/R (23')	
		34R(23	')	1312	23'	3' 16L(23'		
FIX	R	WY /8, /5 ,	YJU R	271				
		9'), C5(851 2'), C1(853						
		0'), P8(657 7'), P5(657						

8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft ZSWH(WEH)146ft **KF ICN 131.5** PA None DCL -10분 TOBT 5분 차이시 No D-ATIS CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) 33L/R **NOPIK xA** 333 333 **ATC** 333 34L/R NOPIK xY 333 333 **ATC** 333 15L/R **BINIL xC** 153 153 5000 153 16L/R BINIL xH 153 153 5000 153 NCN 33 L 33 R 15L 15R 113.8 109.3 108.9 111.9 109.1 WNG 34L 34R 16L 16R 110.35 112.9 109.95 108.1 108.55 33L/R: NC05L/R, R242 34L/R: EO34L/R, R242 P518 R068, R278 P518 R068, R278 33L/R 34L(23') 15L/R 16R(23') 12303' HUD 13123' 16L (23') 34R (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) DEP 125.15 - TGU 132.8 - DLC 132.95 TAO 133,725 China WHE TWR 118.65 (130.0) WEH (TL 69): RNAV STAR Around AGAVO ATIS 126.25 get RWY, APP info 03 IKF xx F WH106 RNP ILS Z 03 21 IKE xx F WH206 **RNP ILS Z 21** HUD 03(113') 8530' 21(146') 03: B(6500'), C(5300'), 21: D(7300') 90 Turn Vacate 180 Back No Terminal Side Turn

RWY 21 Short Track Miles -> Reg one Orbit WH113

Watch MLDW Due to RWY 21 ShortCut Descend Published Report Published = CLR APP

PAX Window must closed Between APP and DEP

Meter/Feet Conversion Table ☐ China, Mongolia & North Korea FL Conversion Westbound Eastbound (180" 359') (360) 179") 13700 M 44900 FT 13100 M 43000 FT 12500 M 41100 FT 12200 M 40100 FT 11900 M 39100 FT 11600 M 38100 FT 11300 M 37100 FT 11000 M 36100 FT 10700 M 35100 FT 34100 FT 10400 M 10100 M 33100 FT 9800 M 32100 FT 9500 M 31100 FT 9200 M 30100 FT 8900 M 29100 FT 8400 M 27600 FT 8100 M 26600 FT 7800 M 25600 FT 7500 M 24600 FT 23600 FT 7200 M 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 7900 FT 2400 M TL 2100 M 6900 FT 1800 M 5900 FT TΑ 1500 M 4900 FT 1200 M 3900 FT 550M 1800ft 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 600 M 2000 FT 300 M 1000 FT **QFE Next Page** China



WEH Altitude / Height Conversion Table xxxx meters on STD 이후 적용 xxxx meters on QFE xxxx -> REQ QNH -> QNH xxx SET후 Conversion Table 사용 03 Elev: 113ft = 4.0hPa, 21 Elev: 146ft = 5.2hPa Height based on QFE Altitude base on QNH (Set Altitude: QFE + Elev SET) (instructed by ATC) xxx m on QFE xxx m plus Elevation Set 8000 ft 2400 m 2100 m 7000 ft 1800 m 6000 ft 5100 ft 1500 m 1200 m 4100 ft 1100 m 3700 ft 1000 m 3400 ft 900 m 3100 ft 2700 ft 800 m 700 m 2400 ft 2100 ft 600 m 550 m 1900 ft 500 m 1800 ft 400 m 1400 ft 350 m 1300 ft 1100 ft 300 m 280 m 1000 ft 200 m 800 ft 400 ft 100 m 0 m 03:113ft 21:146 ft

SWH(WEH)146ft RKSI(ICN) 23ft PA None **KE ICN 131.5** -5 Min, TWR 118.65 By Voic WEH (TA 4930'): RNP SID (NADP 1) ATC 03 026 026 **IKE xx X** 026 4500m(14800') ATC 21 **IKE xx X** 206 206 206 4500m(14800') WHF 03 110.1 21 110.7 115.8 HUD 03(113') 8530° 21(146') RWY03/21 Expect C - Taxi down on RWY - 180 Back Taxi to RWY21 via B -> Confirm 180 Back!!! 180 Back No Terminal Side Turn PAX Window must closed Between APP and DEP TWR 118.65 TAO 133.725 DLC 132.95

TGU 132.8

China

ICN: STAR

REBIT xA **PAMBI**

33L/R 34L(23')

34R(23')

HUD

ILS 33/34 REBIT 170

MUNAN RFBIT 170 RFBIT xH

ILS 15/16

RWY /8. /5. P518 R068. R278 33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

12303'

13123'

15L/R

16R(23')

16L(23')

RKSI(ICN) 23ft **ZLXY(XIY)1572ft KF ICN 131.5** Airport Operation DCL -10분 TOBT 5분 차이시 Center 132.0 CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) 33L/R ΝΟΡΙΚ χΔ 333 333 **ATC** 333 34L/R NOPIK xY 333 333 **ATC** 333 15L/R **BINIL xC** 153 153 5000 153 16L/R BINIL xH 153 153 5000 153 NCN 33 L 33 R 15L 15R 108.9 113.8 109.3 111.9 109.1 WNG 34L 34R 16L 16R 112.9 110.35 108.55 109.95 108.1 33L/R: NC05L/R, R242 34L/R: EO34L/R, R242 P518 R068, R278 P518 R068, R278 33L/R 34L(23') 15L/R 16R(23') 12303' HUD 13123' 16L (23') 34R (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) DEP 125.15 - TGU 132.8 - DLC 132.95 TAO 133.725 - 128.15 PEK 125.6 - 120.35 - 133.65 - 134.15 - 126.7 XIY 125.3 - 120.95 China XIY APP 119.05 - 120.2 - 125.1 XIY (TL 118): RNAV STAR (Spd Restriction at REF Page) Reg ILS APP instead of Visual APP RNAVILS Z 05L/R **05L/R** LOVRA xx W XY906 23 R/L LOVRA xx Y XY801 RNAVILSZ23R/L 05L(1562') 9843' 23R(1569') HUD 12467' 05R(1556') 23L(1538') 05L: A3(6778'), A2(9032'), 23R: A6(5544'), A7(6512') 05R: D4(5613'), D3(7322'), 23L: D5(5646'), D6(7408') Follow Me Car, CTC Apron before Gate in "Closing to xx TWY, apply to change to xx Freq" Taxi RTE in Jeppesen Chart.

□ China, Mongolia & North Korea ■ FL Conversion Westbound (360)

Meter/Feet Conversion Table

1990,000,000	Pouriu	
(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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	Τl
3000 M	9800 FT	T
2400 M	7900 FT	

12500 M	41100 FT
11900 M	39100 FT
11300 M	37100 FT
10700 M	35100 FT
10100 M	33100 FT
9500 M	31100 FT
8900 M	29100 FT
8100 M	26600 FT
7500 M	24600 FT
6900 M	22600 FT
6300 M	20700 FT
5700 M	18700 FT
5100 M	16700 FT
4500 M	14800 FT
3900 M	12800 FT
3300 M	10800 FT
2700 M	8900 FT
2100 M	6900 FT
1500 M	4900 FT
	-

Eastbound

13700 M

12500 M

179")

44900 FT

41100 ET

■ ALT / HEIGHT Conversion

5900 FT

Feet

3300 FT

3000 FT

2600 F

1800 M

Meter

1000 M

900 M

800 M

1200 M 3900 FT 550M

China

Meter

500M

450M

400 M

700 M	2300 FT	350 M
600 M	2000 FT	300 M

1800ft Feet

1600FT

1500FT

1300 FT

1100 FT

1000 FT

ZL	Y) <u>157</u>	<u>R</u>	RKSI(ICN) 23ft						
Airport Operation Center 132.0 DCL -30~10 Min, Read Back KE ICN 131.5									
	XIY (TA 9850') : RNAV SID (NADP 1)								
05L /R	WJC	WJC xx W/Z		052	1	ATC 500m(490	00')		
23R /L	WJC	WJC xx X/Y		232	1	ATC 1500m(4900		232	
LCZ	LCZ 109.0 05L 2					05R 23L 109.3 111.1			
FIX			23	R/L : L	.CZ	/18			
= =		05 L(156	2')	9843' 23R(1569')					
HUD		05R(1556	5')	') 12467'			L 53 8	')	
NOTAM TO Perf, ADT = CTOT									
man		/				2 <u>0.95 - 12</u> 5 - 128.3		0.35	

TAE 132.8

REBIT xA

RFBIT xH

33L/R 34L(23')

34R(23')

RWY /8, /5, P518 R068, R278 33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

ILS 33/34

ILS 15/16

HUD

ICN: STAR

DLC 123.2 - 132.95

PAMBI

MUNAN

12303'

13123'

China



16R(23')

16L(23')

RKSI(ICN) 23ft					ЭH	A(0	CSX))2	20ft
K DCL -10	PA	Changsha Reporting Office 131.15							
ı	ICN: SID (33/34 NADP 1, 15/16 NADP 2)								
33L/R	NOPI	КхА	3	33	333		ATC		333
34L/R	NOPI	K xY	3	33	3	33	ATO	2	333
15L/R	BINII	LxC	1	53	1	53	500	0	153
16L/R	BINIL	.xH	1	53	1	53	500	0	153
NC 113		33 109	_	33 108		_	5L 1.9		15R 109.1
WN 112		34 109	_	34R 108.1		_	6L 0.35	16R 108.55	
	: NC05L 8 R068,	• •	42	34	•		34L/R 068, R	•	
IIIID	33L/R	34L(23') 3')		1230	12303'		15L/R 16R(23')		
HUD	34R (2			13123′ 1		16L	.6L (23')		
F	Para llel	TWY 1	.0 KTS	이싱	(R1	7 MA	X 15k	ts)	١
	<u> 25.15 – </u>								
	33.725								
	3 <u>2.2 - S</u> 32.55 -				111	9.7 -	· 134.	35	-
	WR 118						<u>Ch</u>	l	na
CSX (TL118) : RNAV STAR After OLMIB 6600M, STAR or RDR Vec before GUSIV									
18L /R	PE	X xx V	V	НАЗ	66	RN	IAVIL	S Z	2 18L/R
36R /L		X xx X	-					S Z	36R/L
HUD		I <mark>8L(21</mark> I8R(21	•		467 0499			•	- /
18R(219') 10499' 36L(198') 18L: C9(5629'),C7(6948'),36R: C11(5675'),C13(6961') 18R: B4(5167'), B3(6427'), 36L: B5(5206'), B6(6443')									
		ition F T9 les							
APU Pr	ocedur							<u> </u>	이하시

□ China, Mongolia & North Korea ■ FL Conversion Westbound (360)

Meter/Feet Conversion Table

1990,000,000	Pouriu	
(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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	Τl
3000 M	9800 FT	T
2400 M	7900 FT	

12500 M	41100 FT
11900 M	39100 FT
11300 M	37100 FT
10700 M	35100 FT
10100 M	33100 FT
9500 M	31100 FT
8900 M	29100 FT
8100 M	26600 FT
7500 M	24600 FT
6900 M	22600 FT
6300 M	20700 FT
5700 M	18700 FT
5100 M	16700 FT
4500 M	14800 FT
3900 M	12800 FT
3300 M	10800 FT
2700 M	8900 FT
2100 M	6900 FT
1500 M	4900 FT
	-

Eastbound

13700 M

12500 M

179")

44900 FT

41100 ET

■ ALT / HEIGHT Conversion

5900 FT

Feet

3300 FT

3000 FT

2600 F

1800 M

Meter

1000 M

900 M

800 M

1200 M 3900 FT 550M

China

Meter

500M

450M

400 M

700 M	2300 FT	350 M
600 M	2000 FT	300 M

1800ft Feet

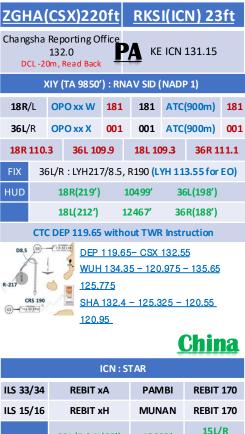
1600FT

1500FT

1300 FT

1100 FT

1000 FT



33L/R 34L(23')

34R(23')

FIX RWY /8, /5, P518 R068, R278

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513')
15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507')
16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444')

8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

HUD

12303'

13123'

16R(23')

16L(23')

RKS	I(ICN	1) 2:	3ft	VI	ΗН	Н(HKG	3)	28ft	
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm					НА		T Dis .31.6	pa	tch	
	CN : SI) (33/	34 N	ADP :	l, 15	/16	NADP	2)		
33L/R	ВОРТ	А хА	3	33	3	33	ATO	2	333	
34L/R	ВОРТ	A xY	3	33	3	33	ATO		333	
15L/R	BOPT	А хС	1	53	1	53	500	0	153	
16L/R	BOPT	A xH	1	53	1	53	500	0	153	
NC 113		33 109	_	33 108		_	5L 1.9		15R 109.1	
WN 112		34 109	_	34 108		_	.6L 0.35	1	16R 108.55	
•	: NCO5L YJU R27		.42	3	4L/F)34L/F J R271	•	242	
HUD	33L/R	34L(2	3′)	1230	12303' 15L/I		/R 16	R 16R(23')		
нор	34R (2	3′)		1312	13123' 16L (23')					
F	Para llel	TWY 1	.0KTS	이상	۲(R1	7 M	XX 15k	ts)		
ICN 124						TPE	125.5	_	126.7	
129.1 - DEP 122							CI	ni	ina	
	KG : Ter					o Chr	-			
	ET FL26									
07L (R)		BBEY:		ı	LIME	ES	ILS 07L(R)		7L (R)	
25 R(L)		BBEY RA xx			TD	ا		NAV tx ILS 25R ILS 25L		
HUD	07L(23') 11			1189	6' D	IS TH	2	5R	(23')	
1100	07R	(27') 1	1942	2' DIS	тн	12	467'	2	5L(27')	
07L:C7(5882'), C8(7194'), 25R:C6(5882'), C5(7211') 07R:J7(6916'), J8(7998'), 25L:J5(6916'), J4(8192')										
Tx RTE - STAR - APP Chart Many SPD Restrictions xxR Dash Line for B737, APU BAN off Procedure										

VHHH(HKG) 28ft					RKS	I(IC	N) 2	23ft
HAS FLT Disp 131.6 PA KE ICN 131.5 5분 차이시 CTC Comm								
	HKG: SID + Terminal Tx RTE Chart TA 9000 NADP2: 1000 SPD INTV (Vzf+10~20kts), 1500 CLB TH (NADP 1/2 for 07L/R)							
07L (R)		AN xxE(A) SSE xxZ/X)	07	74	074	50	000	074
25 R(L)	OCE	AN xxB/F	25	54	254	50	000	254
SMT 1	14.8	07L 111.5			25R 08.75	_	7R .0.9	25L 110.9
HUD	07R/L(27'/23') 12467' 25L/			_/R(27	"/23')			
E. O	07	L(R) : LKC F 25R(L)			MT /3) (ITFL)25			
SID – Tx RTE Chart Many SPD Restriction								
. Jun	Ans.	<u>HKG</u>	DE	Ρ.	123.8 -	RDR	118.9	<u>25</u>
Zin	9	10 L			<u> </u>			
3 Attorne		. 1			- ICN		25(12	4.52)
1					<u>72 – 12</u>			
		APP		19.	<u>./5</u>			<u>ina</u>
		Þ	CN	: S	ΓAR			
ILS 33/	34	OLMEN :	хE		ENF	PIL	OLM	IEN 180
ILS 15/	16	OLMEN	кН		MUN	AN	OLM	IEN 180
HUD		33L/R 34L(23′)	1230	03'		5L/R R(23')
		34R(23	')		131	23'	16	L(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

RKSI(ICN) 23ft					ZB	TJ(TSN)	<u>6ft</u>
KE ICN 131.5 DCL -10분 TOBT 5분 차이시 CTC Comm				PA	Air China Tianjin 132.0				
	ICN : SID (33/34 NADP 1, 15/16 NADP 2)								
33L/R	NOPI	КхА	3	33	3	33	ATO	2	333
34L/R	NOPI	K xY	3	33	3	33	ATO		333
15L/R	BINII	LxC	1	53	1	53	500	0	153
16L/R	BINIL	.xH	1	53	1	53	500	0	153
NC 113		33 109	_	33 108		_	5L 1.9		15R 109.1
WN 112		34 109	_	34 108	••	_	6L 0.35	16R 108.55	
	: NCO5L 8 R068,		.42	3	34L/R : EO34L/R, R242 P518 R068, R278				
	33L/R	34L(2	3′)	1230	12303′ 151		/R 16R(23')		
HUD	34R (2	3')		1312	13123' 16L (23')				
F	arallel	TWY 1	OKTS	이상	۱(R1	7 MA	X 15k	ts)	
DEP 12: TAO 13: TSN API	3.72 - 1	28.15	- PE	EK 12	<u>5.6</u>		<u>Cł</u>	ı	<u>na</u>
	TSN : S	TAR (Visse	ed Ap	p 19	70′ 1	nitial	y)	
16L /16	SR D L	IMAP	xYA/	ZA	TJ9 TJ9		ILS	161	L/16R
34R /34	IL C	DUMA	P xZ	A	TJ8		ILS 34R/34L		R /34L
HUD		16L(4')		1	10499′ 34		34 F	R(5')	
DIS TH 16R(5') 10499'/11811' 34L(6')						4L(6')			
FIX: RWxx /8									
16L:W3(6269'),W2(9809'), 34R:W7(6443'),W8(7591') 16R:B4(5177'),B3(7191'), 34L:B5(5183'),B6(7201')									
	Follow	me ca	ron	D, TA	XI SF	DM	ax 27l	ĸts	

☐ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
M	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

ZBTJ(TSN) 6ft				RKS	((CN)	23ft
Air China Tianjin 132.0 PA KE ICN 131.5 (Read Back!)							
TSN:S	SID (NADP 1) Ca	ution	600m Le	evel	Off-	SPD Inc
16R /16L	MUGLO xZD		161	161		00m NTC	161
34L /34R	MUGLO xZD xYD		341	341		00m NTC	341
TAJ 11	2.1 16L 109.7		34R	111.5	_	.6R L0.9	34L 110.5
HUD			11811′ 10499			34L(6') 34R(5')	
Cor	16R : Do not pass A11 Confirm Parking Brake Release before Push back						
DEP	119	.27					
<u>PEK</u>	125.	<u>6</u>					
DLC	123	.2 - 132.95					
ICN :	132.	<u>8 – APP 119</u>	<u>.75</u>				
						<u>Ch</u>	<u>ina</u>

ICN: STAR

PAMBI

MUNAN

12303'

13123'

REBIT 170

RFBIT 170

15L/R

16R(23')

16L(23')

REBIT xA

REBIT xH

33L/R 34L(23')

34R(23')

FIX RWY /8, /5, P518 R068, R278

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513')
15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')
34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507')
16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444')
8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

ILS 33/34

ILS 15/16

HUD

RKS	ZH	IC	C(C	GO)	2	196ft			
					Zŀ	_	zhou 32.0	ΑC	oc
ICN : SID (33/34 NADP 1, 15/16 NADP 2)									
33L/R	NOPI	КхА	3	33	3	33	ATO	2	333
34L/R	NOPI	K xY	3	33	3	33	ATO	2	333
15L/R	BINII	LxC	1	53	1	53	500	0	153
16L/R	BINII	.xH	1	53	1	53	500	0	153
NC 113		33 109	_	33 108		_	5L 1.9		15R 109.1
WN 112		34 109	_	34 108		_	6L 0.35	16R 108.55	
33L/R : NC05L/R, R242 P518 R068, R278				34	•		34L/R 068, R	•	
:	33L/R	34L(2	3′)	1230	12303′ 151		/R 16R(23')		23')
HUD	34R (2	3′)		1312	13123' 16L (23')				
F	Para ll el	TWY 1	OKTS	이싱	^l (R1	7 MA	X 15k	ts)	ı
DEP 12	5.15 - 1	GU 1	28.7	– DLC	213	2.95-	- TAO	13	33.05
128.55							28.35		
<u>CGO 11</u>	9.35 –	120.72	2 – A	PP 12	26.3	5	<u>Cr</u>	1	na
	30 : ST/								
12 L/12	R NC	P xxl	J RNA	ΑV	DZ	Y	ILS Z	12	2L /12R
30R /30	DL NC	OP xx\	/ RNA	٩V	CC5	27	ILS Z	30	DR /30L
HUD		12L(496')		1	181	1′	30R	(4	84')
1100	12R(494').		1	115	5′	30	L(4	84')	
FIX: ILS Ident /8 (180kts) /6 (160kts) APP SPD in JEPP									
12L: D7(5853'),D8(6955'), 30R:D6(5833'),D5(6935') 12R:H7(5702'),H8(6883'), 30L:H5(5672'),H4(6932')									
Follo	w me c	ar, AF	U Of	f But	265	E 0 7	하사성	랑기	가능

☐ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
М	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

RKSI(ICN) 23ft HCC(CGO) 496ft Zhengzhou AOC 132.0 **KE ICN 131.5** DCL (Read Back!) CGO: SID (NADP 1) Lower ALT - Consider Add Fuel 12R 1200m 116 OKT xX RNAV 116 116 /12L **ATC** 30L 1200m **OKT xY RNAV** 296 296 296 /30R ATC 12R CGO 12L 30L 30R 110.7 114.5 108.5 110.3 109.3 12R(494') 11155' 30L(484') HUD 12L(496') 11811' 30R(484') 30L: CGO 296/4, R180 30R: CGO 296/4, R070 EO Reg Pushback to Apron 121.7 2700 3700 DEP 126.35(AUTO or NOT) CGO 124.2 - 119.35 114.5 CGO TAO 128.35 - PEK 127.35 - 128.15 DLC 132.95 - ICN 128.7 China **ICN: STAR** ILS 33/34 REBIT xA **PAMBI** REBIT 170 ILS 15/16 MUNAN RFBIT xH RFBIT 170 15L/R

33L/R 34L(23')

34R(23')

RWY /8. /5. P518 R068. R278 33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

12303

13123'

16R(23')

16L(23')

HUD

ZGDY(DYG) 713ft RKSI(ICN) 23ft **KF ICN 131.5** DCL -10분 TOBT 5분 차이시 None CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) 33L/R **BOPTA xA** 333 333 ATC 333 34L/R 333 **BOPTA xY** 333 **ATC** 333 15L/R **BOPTA xC** 153 153 5000 153 16L/R **BOPTA xH** 153 153 5000 153 33L 33R 15L 15R NCN 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: EO34L/R. R242 YIU R271 **YJU R271** 33L/R 34L(23') 15L/R 16R(23') 123031 HUD 16L (23') 13123' 34R (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) DEP 125.15 - TGU 126.17 - 120.72 - 124.52(125.72) SHA 120.95 - 120.55 - 125.32 - 132.32 - 120.1 GZU 124.9 - 133.5 - WUH 134.35 China 119.3 - CHS 123.9 **DYG TWR 118.45** DYG: STAR High Terr, ATIS within 100NM 08 LIN xxA RNP JX001 **ILS X 08** 26 I IN xxA RNP DG944 **IISX26** HUD 08(713') 3.2도 8530 26(665') 3.2도 08: J(6530'), DownSlope 0.65% 26: B(6530') Do not Intercept RWY08 inside DYG 11NM(FIX)

RWY Grooved (AIP). Follow Me Car on A

☐ China, Mongolia & North Korea ■ FL Conversion

Meter/Feet Conversion Table

Westi (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	
5400 M	17700 FT	
4800 M	15700 FT	
4200 M	13800 FT	
3600 M	11800 FT	TL
3000 M	9800 FT	ТА

60	179)
M C	44900 FT
M 0	41100 FT
M	39100 FT
M	37100 FT
M C	35100 FT
M C	33100 FT
M	31100 FT
М	29100 FT
M	26600 FT
M	24600 FT
M	22600 FT
M	20700 FT
M	18700 FT
M	16700 FT
M	14800 FT
M	12800 FT
M	10800 FT
M	8900 FT

Eastbound

1200 M 3900 FT

7900 FT

5900 FT

Feet

3300 FT

3000 FT

2600 FT

2300 FT

1500 M 4900 FT

2100 M

Meter

500M

450M

400 M

350 M

Meter

2400 M

1800 M

1000 M

900 M

800 M

700 M

ALT / HEIGHT Conversion

550M 1800ft

600 M	2000 FT	300
	Ole	
	Chi	ma

Feet

1600FT

1500FT

1300 FT

1100 FT

6900 FT

300 M 1000 FT

GDY(DYG) 713ft RKSI(ICN) 23ft PA None **KE ICN 131.5** Voi ce TWR DYG: SID (NADP 1) ATC 08 LIN xxD 079 079 079 (2400 m)ATC 26 LIN xxD 259 259 259 (2400 m)**DYG 114.4** 08 109.7 26 108.9 HUD 08(713') 8530 24(665') EO 08: DYG 079/8, R055 26: DYG, R250 *319 114.4 DYG TWR 118.45 CHS 123.9 GZU 124.9 - 133.5 - 133.25 - SHA 120.1 - 132.32 128.12 - 125.32 - 126.17 - 120.55 - 120.95 ICN 125.725(124.52) - 120.72 - 126.17 China APP - 119.75 **ICN: STAR** ILS 33/34 **OLMEN 180** OLMEN xE **ENPIL**

ILS 15/16

HUD

OLMEN xH

33L/R 34L(23')

34R(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

MUNAN

12303

13123'

OLMEN 180 15L/R

16R(23')

16L(23')

RKS	I(ICN	1) 23	3ft	<u>v</u>	VC	R(C	CXR) 46ft
	E ICN 1 D분 TOBT CTC Con	5분 차0	이시 -	PA	1		lone D-ATI	IS
I	CN : SIE) (33/	34 N	ADP 1	l, 15	/16	NADP	2)
33L/R	BOPT	33	3	33	ATO	333		
34L/R	ВОРТ	A xY	3	33	3	33	ATO	333
15L/R	ВОРТ	А хС	1!	53	1	53	500	0 153
16L/R	ВОРТ	AxH	1	53	1	53	500	0 153
NC 113		33 109		33 108		_	5L 1.9	15R 109.1
WN 112		34 109	_	34 108		_	6L).35	16R 108.55
33L/R: NC05L/R, R242 34L/R: EO34L/R, R242 YJU R271 YJU R271								
	33L/R	34L(2	3′)	1230)3'	15L/	/R 16	R(23')
HUD	34R (2	3')		1312	23'	16L	(23')	
P	ara llel [°]	TWY 1	OKTS	이싱	۱(R1	7 MA	X 15k	cts)
FUK 127							- MNI	<u> 119.3</u>
MNL RD						8	F	Asia
132.35 -						_		
	WY 20 N	⁄lax Ta		nd 15	ikts,	chk c	condit	inh CTL) tion
	CAA	V STA	R, Al	PP no	t Au	thori	ized	
20L /R		UN, B		•		TAF		S Y 20L NP 20R
02 R/L	HUIN	IA, IVI	7A I A	XX		(3.8)	ILS 2	X/Z 02L/R
HUD	021	R(15')	3.55	Ē	1	0000	,	20L(34')
пор	021	L(20')	3.55	<u>.</u>	1	0010	,	20R(46')
								G7(9662') W6(7345')
	owMe (

VVC	R(CXR) 4	6ft	RK	SI(IC	N) 2	3ft	
TW	-	None 8.2 By Voice	Ī	PA	KE ICN	N 131.5		
F	ollo	CNX : I w Restricti		SID (NAI		Traffic		
02 L /R	NIF	IOA xxA	020	020	ATC	TC/FL100		
20 R/L	NIF	IOA xxB	200	200	ATC	/FL100	200	
CRA 11	6.5	02R 111	.9	02L 1	10.7	20L 1	10.3	
				020/2, R 200/6, R				
HUD 02L(20') 3.5도 10010' 20R(46')							(46')	
пор	02	!R(15') 3.5	도	100	00'	20L(34')	
	TWY	Y5 only b	elow	wingsp	an 36n	n/118ft		
	CLIN RESIDENCE TO THE TOTAL PROPERTY OF THE	D H	AD 1 KG 1	32.15 -	SNY 12 127.1	4.05 2.6(-5m - TPE 1 ENKA /2	29.1	
	Á	61			S	E As	<u>sia</u>	
			ICN	: STAR				
ILS 33/	34	OLMEN	l xE	Ef	NPIL	OLME	N 180	
ILS 15/	16	OLMEN	хH	ML	JNAN	OLME	N 180	

33L/R 34L(23')

34R(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

HUD

15L/R

16R(23')

16L(23')

12303'

13123'

VVTS(SGN) 33ft **KE ICN 131.5** PA None DCL -10분 TOBT 5분 차이시 No D-ATIS CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) 33L/R **BOPTA xA** 333 333 ATC 333 34L/R 333 **BOPTA xY** 333 **ATC** 333 15L/R **BOPTA xC** 153 153 5000 153 16L/R **BOPTA xH** 153 153 5000 153 33L 33R 15L 15R NCN 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: EO34L/R. R242 YIU R271 **YJU R271** 33L/R 34L(23') 15L/R 16R(23') 123031 HUD 16L (23') 13123' 34R (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) FUK 127.5(SENKA /20) - TPE 125.5 - 127.9 - 129.1 MNL 119.3 - MNL RDO 8942(5655) - HCM 120.7 **SE Asia** 132.35 - SGN APP 125.5 (CPDLC: VVHM) TL 190 SGN: STAR 25 R(L) DALAP xxH SOKAN ILS W 25R/L ILS W 07R, VOR 07L 07R(L) DALAP xxG SAMDU 25R(33') 10007' 07L(20') 12559' 10036' (DISP TH) 07R(24') 25L(32') 25R:P4(6158'), P5(6991'), 07R:S6(4412'), S5(6574', 110도) B737 P4. P5. S6. S5 Unable Tell ATC 25L: S7(6824'), S8(9671'), 07L: P3(6266'), P2(8907')

FollowMe Car Service in Ramp (Caution STOPBAR L/T) Sensitie VDGS!!! (0.5m이내, 2m STOP시 바로 정지)

VVT	S(S	GN) 331	ft	RKSI(ICN) 23ft					
None KE ICN 131.5									
		GN : RNP SID equest RWY							
25 L(R)	KA	DUM xxD	250	250	11	000	250		
07L (R)	KA	DUM xxE/A	070	070	Α	TC	070		
TSH 11	6.8	25R 110.5	0	7R 111.7	,	25	L 108.3		
HUD		25R(33')	10	0007'	0	7L(20	")		
пор		25L(32')	12	:559'	07	7R(24	ľ)		
(Caut	Caution ATC CLR, RV ion STOPBAR	VY CH		ТАХ		ce		
HNI HKO	123 3 13	5.5 – HCM 12 3.3 – SNY 122 2.15 – 127.1 123.6 – FUK	2.6(-5r - TPE	nin) 129.1 –					

ICN: STAR

ENPIL

MUNAN

12303'

13123'

OLMEN xE

OLMEN xH

33L/R 34L(23')

34R(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

ILS 33/34

ILS 15/16

HUD

SE Asia

OLMEN 180

OLMEN 180

15L/R

16R(23')

16L(23')

RKSI(ICN) 23ft VDPP(PNH) 40ft **KE ICN 131.5** PA PNH DIS 129.0 DCL -10분 TOBT 5분 차이시 CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) 33L/R **BOPTA XA** 333 333 ATC 333 34L/R 333 **BOPTA xY** 333 **ATC** 333 15L/R **BOPTA xC** 153 153 5000 153 16L/R **BOPTA 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: EO34L/R. R242 YIU R271 **YJU R271** 33L/R 34L(23') 15L/R 16R(23') 123031 HUD 16L (23') 13123' 34R (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) FUK 127.5(SENKA /20) - TPE 125.5 - 127.9 - 129.1 MNL 119.3 - MNL RDO 8942(5655) **SE Asia** HCM 120.7(MIGUG) - PNH 127.5 APP 123.8 PNH: RNAV STAR (TL ATC, ATIS) 05 NANXY xxB BOSET **RNP 05** KOSDA DFTMA 23 **ILS 23** xxΑ Del Holding Data HUD 05(40') 9843' 9350' (DISP TH) 23(37') 05 : E(6240'), H(7148'), 23: C(7004'), 180 Back No Centerline L/T, No Vacate Lead L/T(Only Edge L/T)

APU Off after 5min after parking Stand xx Yellow Lead-in Marking(xx A,B Blue Line!!)

<u>VDP</u>	P(F	ICN)	<u> 23ft</u>							
		OIS 129.0 R 118.0 By Void	P/	KE	ICN 131	.5				
		H : RNAV SIE WY 23 SEYH								
05	-	IANXY xx	046	046	ATC (5000)	046				
23	(5	EYHA xx)	226 226 ATC 226							
	PNH 114.3 23 109.7									
HUD	JD 05(40') 9843' 23(37')									
E.O		19	VH 226	5/2.5, R1	L60					
L	ine ເ	APU Start 1				ne				
APP 123.8 – PNH 127.5 HCM 134.05 – 120.7 MNL RDO 8942/5655(ARESI) MNL 119.3(AKOTA) TPE 127.9 – 125.5 FUK 127.5(SENKA /20)										
		IC	N : ST	AR						
ILS 33/	34	OLMEN x	E	ENPII	. OLN	/IEN 180				

ILS 15/16

HUD

OLMEN xH

33L/R 34L(23')

34R(23')

RWY /8, /5, YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts 이상, HIRO

MUNAN

12303'

13123'

OLMEN 180 15L/R

16R(23')

16L(23')

RKS	I(ICN	1) 23	3ft	R	RPLL(MNL) 75ft					
K DCL -10	E ICN 1 0분 TOBT CTC Con	5분 차(이시	PAGSS Oper 131.0 No D-ATIS						
	ICN : SIE) (33/	34 N	ADP 1	1, 15	/16	NADP	2)		
33L/R	BOPTA xA 33			33	3	33	ATO		333	
34L/R	ВОРТ	A xY	3	33	3	33	ATO	2	333	
15L/R	ВОРТ	А хС	1	53	1	.53	500	0	153	
16L/R	ВОРТ	AxH	1	53	1	.53	500	0	153	
NC 113		33 109	-	33 108			5L 1.9		15R 109.1	
	WNG 34L 112.9 109.95				R 3.1	_	6L 0.35	1	16R 108.55	
33L/R : NCO5L/R, R242 YJU R271			34L/R : EO34L/R, R242 YJU R271					R242		
11110	33L/R	34L(2	3')	1230	03'	15L	/R 16	R(2	23')	
HUD	34R (2	3')		1312	23'	16L	(23′)			
P	Para llel	TWY 1	LOKTS	이상	k(R1	7 MA	X 15k	ts)		
FUK 133 MNL RD MNL 128	O 8903	(1330	<u>0)</u>						<u>sia</u>	
MNL:	RNP STA	AR wi						11)	TL 130	
06		LIO, N 7,5,3)		L	_	OND	_	-	INP 06	
24	OCT MIA RDR Ve (TMA 250, 20NM 21					IUTA IEDA		-	NP 24	
HUD	06	(16′)		11	188	ď	2	4 (75')	
	(6223') ole advis									
CTC Rar	np befo	re En	tering	g apro	on, F	Repo	rt Cho	ck	in Time	

Caution HotSpot RWY31

RPLI	L(r	MNL) 75	ft	RKSI	ICN)	23ft			
-5min,	PAGSS Oper 131.0 -5min, CLR 125.1 By Voice Aircraft Type, Proposing ALT KE ICN 131.5								
MNL: RDR Vector to CAB (NADP 1) TA 11000' Main RWY H/D Climb 7000ft, CLR for T/O									
06		CAB xx R/A Cabanatuan)	061	061	12000 ATC	061			
24		CAB xx P/B Cabanatuan)	241	241	9000 ATC	241			
MIA	A 11	L 4.4	06 10	9.1	24 1	109.9			
E.O		C)6 : MI	A /2, R2	50				
HUD		06(16')	13	1188′	24(75	')			
Req E		Startup to GI	ND ->	Req Pus	hback to	Ramp			
2.70	DEP 124.4(121.1) MNL 128.7 – 119.3(LEBIX ETA) TPE 127.9 – 125.5								
				27.5 - 16 25.72 - 1					
		•	0.11			lsia			
		IQ	CN : ST	AR					
ILS 33/	34	OLMEN x	Œ	ENPIL	. OLI	MEN 180			
ILS 15/	16	OLMEN x	Н	MUNA	N OLI	MEN 180			
HUD		33L/R 34L(2	23′)	12303	*	L5L/R 5R(23')			
		34R(23'))	13123	' 10	5L(23')			
FIX		RWY /8, /5,	YJU R2	271					
		529'), C5(851: 522'), C1(8536							
		600'), P8(6578 597'), P5(657							
		ts, 5NM 160k	to Don	~ TAVI 10	ᆲᇎᆔᅬ	LUDO			

RKSI(ICN) 23ft RCMQ(RMQ)665ft NC 10N 131.5 DCL -10분 TOBT5분 차이시 CTC Comm ICN: SID (33/34 NADP 1, 15/16 NADP 2) 33L/R **BOPTA xA** 333 333 ATC 333 34L/R 333 333 **BOPTA xY** 333 ATC 15L/R **BOPTA xC** 153 153 5000 153 153 16L/R **BOPTA xH** 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: EO34L/R. R242 YIU R271 **YJU R271** 33L/R 34L(23') 15L/R 16R(23') 123031 HUD 16L (23') 13123' 34R (23') Parallel TWY 10KTS 이상(R17 MAX 15kts) FUK 127.5(SENKA /20) TPE 125.5 **SE Asia** APP 128.5 - 119.7 - 130.1 RMQ: No STAR TL130 COPRA FL220 ILS Z 36: HLG31 SPD Modify 18 HLG **ILS 18 RDR Vector** FATAN **ILS Z 36** 36 (ILS Y 36) (ARROZ) 36(663') HUD 18(653') 12005' RWxx /8

18: EOR(12005'), 36: W5(8500') E1~4. W1 for Military Follow Me Car on W, Report W3 Intersection

RKSI(ICN) 23ft RCMQ(RMQ)<mark>665</mark> PA Madarin Operation **KE ICN 131.5** 131.85/95 Voice to GND RMQ: SID (NADP 1) TA 11000 18 181 181 181 HLG xA (SPRAY xS) **ATC** 7000 36 HLG xB (SPRAY xT) 001 001 001 18 11 1.7 36 111.5 HUD 18(653') 12005' 36(663') 18: TCK 181/7, R270 ATC CLR after PushBack, Report W3 Intersection P. (108.4) TCK TWR 118.75 TPE APP 130.1 - 119.7 TPE 125.5 TCK 7.0 DME FUK 127.5 (SENKA /20) CRS 270 **SE Asia ICN: STAR** ILS 33/34 **OLMEN 180** OLMEN xE **ENPIL**

OLMEN xH MUNAN

ILS 15/16 OLMEN 180

15L/R

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

16R(23')

HUD

34R(23') 13123'

16L(23')

RWY /8. /5. YJU R271

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513')

15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641')

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

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

8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

RKSI(ICN) 23ft RCTP(TPE) 108ft										
0분 TOBT	5분 차(기시	PA	Dyr	•	•	rat	tion		
CN : SII	D (33/	34 N	ADP 1	l, 15	/16	NADP	2)			
BOPT	АхА	3	33	3	33	ATO	2	333		
BOPT	AxY	3	33	3	33	ATC		333		
ВОРТ	АхС	1	53	1	53	500	0	153		
BOPT	A xH	1	53	1	53	500	0	153		
		_			_			15R 109.1		
WNG 34L 112.9 109.95										
33 L/R : NC05 L/R, R242 34 L/R : EO34 L/R, R242 YJU R271 YJU R271							242			
	33L/R 34L(23')							124		
33L/R	34L(2	3')	1230	13'	15 L	/R 16I	R(2	.5)		
33L/R 34R (2		3')	1230			/R 16I (23')	R(2	.5)		
•	3′)		1312	3'	16L	(23')				
34R (2	3') TWY 1	.0KTS	1312	3'	16L	(23')				
34R (2 Parallel 7.5(SEN	3') TWY 1	.0KTS <u>0)</u>	1312	:3' t(R1	16L 7 MA	(23') X 15k	ts)			
34R (2 Parallel 7.5(SEN	3') TWY 1	.0KTS <u>0)</u>	1312 이상	:3' t(R1	16L 7 MA	(23') X 15k	ts)			
34R (2 Parallel 7.5(SEN	3') TWY 1 IKA /2	0). 438 3.01	1312 이상 이상	13' t(R1	16L 7 MA	(23') X 15k	ats)	Sia.		
34R (2 Parallel 7.5(SEN 5.5 8.5	3') TWY 1 IKA /2	0) 43.8 3.0 1 0 OPR/ Max	1312 이상 이상 14 ·	13' t(R1	16L 7 MA S	(23') X 15k E -130:	(ts)	Sia.		
34R (2 Parallel 7.5(SEN 5.5 3.5 5TAR TL 130-100	3') TWY 1 IKA /2 130 C	OPR/ Max	1312 6 이상 기소 14 280k	th (R1)	16L 7 MA S 1250 NPP C	(23') X 15k E -130: hart 1	218 Tex S 0	Sia .		
	BOPT BOPT BOPT BOPT SIN 3.8 NG 2.9	E ICN 131.5 0是 TOBT5是 本位 CTC Comm ICN:SID (33/ BOPTA xA BOPTA xY BOPTA xC BOPTA xH IN 33 3.8 109 ING 34 2.9 109 INCO5L/R, R2	E ICN 131.5 0분 TOBT5분 차이시 CTC Comm ICN: SID (33/34 N BOPTA xA 3 BOPTA xC 1 BOPTA xH 1 IN 33L 3.8 109.3 NG 34L 2.9 109.95 : NCO5L/R, R242	E ICN 131.5 0世 TOBT5世 차이시 CTC Comm ICN: SID (33/34 NADP 1 BOPTA xA 333 BOPTA xY 333 BOPTA xC 153 BOPTA xH 153 IN 33L 33 3.8 109.3 108 NG 34L 34 2.9 109.95 108	E ICN 131.5 0분 TOBT5분 차이시 CTC Comm ICN: SID (33/34 NADP 1, 15 BOPTA xA 333 3 BOPTA xY 333 3 BOPTA xC 153 1 BOPTA xH 153 1 SN 33L 33R 3.8 109.3 108.9 NG 34L 34R 2.9 109.95 108.1 : NCO5L/R, R242 34L/R	E ICN 131.5 0분 TOBTS분 차이시 CTC Comm 1 ICN:SID (33/34 NADP 1, 15/16 N BOPTA xA 333 333 BOPTA xC 153 153 BOPTA xH 153 153 SN 33L 33R 1 3.8 109.3 108.9 11 NG 34L 34R 1 2.9 109.95 108.1 111 : NCO5L/R, R242 34L/R:EO	E ICN 131.5 の是 TOBTS 是 차이시 CTC Comm 131.3 ICN: SID (33/34 NADP 1, 15/16 NADP BOPTA xA 333 333 ATC BOPTA xC 153 153 500 BOPTA xH 153 153 500 BOPTA xH 153 153 500 SIN 33L 33R 15L 3.8 109.3 108.9 111.9 NG 34L 34R 16L 2.9 109.95 108.1 110.35 : NCO5L/R, R242 34L/R: EO34L/R	E ICN 131.5 0是 TOBT5是 井이시 PA Dynasty Operar 131.3 ICN:SID (33/34 NADP 1, 15/16 NADP 2) BOPTA xA 333 333 ATC BOPTA xY 333 333 ATC BOPTA xC 153 153 5000 BOPTA xH 153 153 5000 ICN 33L 33R 15L 3.8 109.3 108.9 111.9 ICN 34L 34R 16L 2.9 109.95 108.1 110.35 12 100.05 108.1 110.35 12 100.05 108.1 110.35 12 100.05 108.1 110.35 12 100.05 108.1 110.35 12 100.05 12 100.05 108.1 110.35 12 100.0		

05R(107') DIS 12139' 23L(96') DIS 11319'

05L: N7(5787'), N6(6738'), 23R: N6(4468'), N4(6656')

05R: S6(5419'), S7(7244'), 23L: S5(5442'), S4(7470') No VOR at TPE, A-VDGS see above

		,	-						
Dynasty Operation 131.3 PA KE ICN 131.5									
TPE : RNAV SID (NADP 1) TA 11000 Be Ready Intersection T/O, A030 -> 3000ft									
05 R/L	P	IANO xxA/C	054	054	ATC	054			
23L /R	P	IANO xxD/B	234	234	ATC	234			
05L 11	1.1	23R 109.3	05R	110.7	23L 1	11.9			

RCTP(TPE)108ft | RKSI(ICN) 23ft

05L(74') HUD 05R(107')

FUK 127.5 (SENKA /20)

ILS 15/16

HUD

12467' "DCT PIANO then L3 RNAV Transition" DEP 128.5 TPE 125.5

23R(63')

23L(96')

MUNAN

12303'

13123'

12008'

OLMEN 180 15L/R

16R(23')

16L(23')

SE Asia

ICN: STAR								
ILS 33/34	OLMEN XE	ENPIL	OLMEN 180					

33R: C4(7529'), C5(8513'), 33L: B4(7563'), B5(8513') 15L: C2(7522'), C1(8536'), 15R: B3(7454'), B2(8641') 34L: P7(5600'), P8(6578'), 34R: N4(6876'), N5(8507') 16R: P6(5597'), P5(6574'), 16L: N3(7043'), N2(8444') 8NM 180kts, 5NM 160kts, Parr TAXI 10kts이상, HIRO

OLMEN xH

33L/R 34L(23')

34R(23')

RWY /8, /5, YJU R271

RKS	SI(ICN	J) 23	3ft	PO	GUI	M(G	SUM)	<u>305ft</u>
DCL -:	KE ICN 1 10분 TOBT CTC Cor	l31.5 5분 차(mm	기시	A	1enz	ies Op No	peration DATIS	ns	129.4
	ICN : SIE	D (33/	34 N	ADP 1	l, 15	/16	NADP	2)	
33L/R		OSPOT xE/A 333 333 5500/ ATC 333							333
34L/R	OSPO	T xY	3	33	3	33	ATO	2	333
15L/R	OSPO	T xC	1	.53	1	.53	500	0	153
16L/R	OSPO	T xH	1	.53	1	.53	500	0	153
11	CN 3.8 NG	33 109 34	9.3	33 108 34	3.9	11	5L 1.9 .6L		15R 109.1 16R
	2.9		.95		3.1	_	0.35	:	108.55
33L/R	33 L/R: NCO5 L/R, R242 34 L/R: EO34 L/R, R242 YJU R271 YJU R271								
HUD	33L/R	34L(2	3')	1230	3'	15 L	/R 16	R(2	23')
	34R (2			1312			(23')		
	Parallel				(R1	7 MA	X 15k	(ts)	
	13.15 - 1 00 (BIXA								
	OO (PAK					6		A	oio
	NATSS) 1					2	E/	4	<u>sia</u>
		/I : no !							
СТС	CPDLC GUM C								NM
06L/R	UNZ/-15,	OBALE	(MEN	/IKE)	IL	S 6L/	/R (Up	slo	ope)
24L/R	UNZ/-15,	CIBO L(WAB	OX)	RNA	VY2	:4L/R	(Do	wn slope)
	6L(256') 6R(258')			STH			ó') 120 ') 871		r DIS TH
FIX	UNZ	Z/250	(UN	z vor	out	of 3	.3NM	A/	/P)

06L: E(6473'), F(6975'), 24R: D(6282'), C(8264') 06R: E(6502'), G(7808'), 24L: B(8254')

Prepare GS OUT, Vacate RWY CTC Ramp CTL

EDTO Procedure APU Remain ON PREFLIGHT Apply Alternate Airport IFR Wx Minima for Planning

(Ops Pecs C055) -> ED TO ERA Only(ERA no Wx) RVSM CHK: CAPT/FO 50ft, PILOT/FE 75ft

FUEL CROSS FEED V/V CHK: On -> Off, V/V L/T CHK NAV DATA Input: EEP, ETP1, ETP2, EXP HF SELCAL CHK: Jeppesen - ENT DATA Pacific

SEOUL RADIO: 8903 (3004,6532,13300,13303,17904)

AFTER START APU Remain ON Until Passing EXP

AFTER LEVEL OFF (CRZ CHK)

RVSM CHK: CAPT/FO 200ft

BEFORE EEP (Entry Point, ERA 기준) 60min 기준: B737-900 398NM, Others 408NM

(winthin MAX 120min 750 NM) 1 ELEC SRC Fail Before EEP: Reroute, Divert FIX 1: EEP, FIX 2: ETP1

FMS ALT A/P SET : ALTN Page EDTO C/L: Fuel, A/C, MSA, ALT Wx & NOTAM **Review Contingency Procedure** - Drift Down 30도이상, 5NM, FL290이하, +-500ft

- Wx Dev 5NM 이상, +-300ft **EDTO Segment**

1 ELEC SRC Fail After EEP: Continue

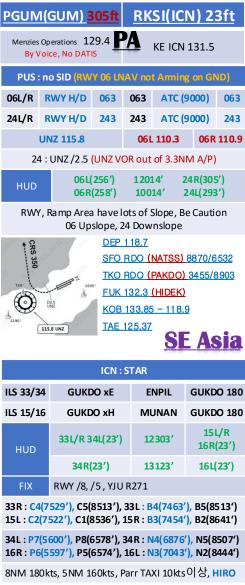
Apply Actual Wx for Actual Divert

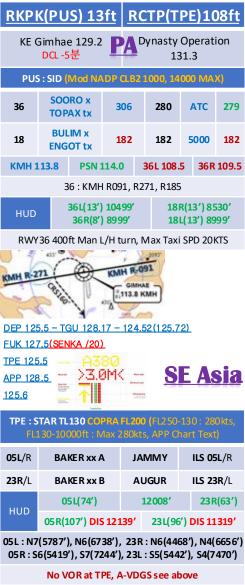
FIX, ALTN Page SET EDTO C/L: Fuel, A/C, MSA, ALT Wx & NOTAM Last ETP(Critical Point) Fuel less then PLAN -Continue by PIC

EXP (Exit Point) APU - OFF

1 HR Before TOD FUEL CROSS FEED V/V CHK: On -> Off. V/V L/T CHK

ETP (Equal Time Point, EDTO ERA기준)





Dynasty Operation 131.3 PA KE Gimhae 129.2								
TPE : RNAV SID (NADP 1) TA 11000 Be Ready Intersection T/O, A030 -> 3000ft								
05 R/L	P	IANO xxA/C	054	054	ATC	054		
23L/ R	P	IANO xxD/B	234	234	ATC	234		
05L 11	1.1	23R 109.3	05R	110.7	23L 1	.11.9		
HUD		05L(74')	12	008'	23R(63')			
пор		05R(107')	12467' 23L(96					
	"DO	T PIANO then	L3 RNA	NV Trans	ition"			

RKPK(PUS) 13ft

TPE 125.5 FUK 127.5 (SENKA /20) ICN 125.725(124.52) - 128.17 APP - 125.5

DEP 128.5

SE Asia

PUS: STAR (Tail Wind 36R 136000lbs F40)

ILS 36 KEVOX x ANROD 9DME LG, 8DME FLAP

GAYHA x ANROD 18 Circling Click!!

VOR 18

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

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

36: IKMA/IKHE/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)

RKPI	K(PU	S) 13	ft '	V	TBS(E	3 K	(K)	4ft
KE (Gimha DCL -5	e 129.2 분	PA	1	KE Ba	_	•	
PUS	S:SID (Mod NA	DP CLB	21	1000, 14	000	MA)	K)
36		RO x AX tx	306		280	1	ATC	279
18	BULIM x ENGOT tx				182	5	000	182
KMH 1	13.8	PSN 1	114.0	3	36L 108.	5	36R	109.5
	3	6 : KMH	I R091, I	R27	71, R185	,		
HUD		36L(13') 36R(8')				•	3′) 85 3′) 89	
RWY	36 400	ft Man I	_/H turn	ı, N	1ax Taxi	SP	D 201	CTS
KMH R-2	n Caste	0	KMH R	09 8 K	11 MH			

DEP 125.5 - TGU 128.17 - 124.52(125.72)

FUK 127.5(SENKA /20)

TPE 125.5 - 129.1 - HKG 132.15 - 127.1

SNY 122.6 - HNI 123.3 - VTN 128.3

BKK 132.1 - 133.1 - APP 119.1

BKK: STAR TL130 UTC+7 (SPD CTL via STAR Chart)

No tx Vector

ILS Z 19L/R

19L/R EASTE xxC

01L/R EASTE xxD No tx Vector

19L(4')

19R(4')

HUD

13123' No Groov

12139'

RWxx /8 (180tks), /5 (160-150kts) 19L: B8(5567'), B10(6965'), O1R: B7(5964'), B5(7962') 19R: E9(5052'), E13(7139'), O1L: E12(4872'), E7(6958') HIRO, Standard Taxi Route, APU Off Procedure

ILS Z 01L/R

01R(4')

01L(4')

VTBS(BKK) 4ft				RI	KPK(F	, U	S)	<u>13ft</u>	
KE Bangkok 131.25 DCL -20min, Voice 133.8 KE Gimhae 129.2									
BKK: RNAV SID (NADP 1) TA 11000 A-CDM REQ Pushback +-Smin of TSAT TSAT/CTOT Inform to GND CTL									
19R/ L	L UPKUP xxG/J			195	195	60	000	195	
01 R/L	ι	JPKUP xxK,	KUP xxK/H 01		015	6000 01		015	
SVB 111.4	ļ	19L 110.5	01	L 109.1	109.1 19R 109.1		01R 110.1		
		19R(4')	12	12139'			01L(4')		
HUD		19L (4')	3123' N	123' No Groov 01R(4')					
APU Start within 10min, Standard TAXI Route 19R Do not Pass E1, D2									
DEP 119.25 (AUTO) – BKK 133.1 – VIE 128.3 HNI 123.3 – SNY 122.6 – HKG 127.1 – 125.35									
TPE 129.1(126.7, 127.9) - 125.5									
FUK 127.5 (SENKA /20)									
ICN 125.725(124.52) - 128.17 SE Asia									
<u>APP 125.5</u>									
PUS - STAR (Tail Wind 36R 136000lbs E40)									

PUS: STAR

KEVOX x 9DME LG, 8DME FLAP **ILS 36** ANROD

GAYHA x ANROD 18 Circling Click!!

VOR 18

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

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

CRZ FUEL Penalty (Approximation) ISA+10°C: 1% increase trip fuel 2000ft above/below OPT ALT: 1~2% increase trip fuel NG 4000ft below OPT ALT: 3~5% increase trip fuel 8000ft below OPT ALT: 8~14% increase trip fuel -8

4000ft below OPT ALT: 2% increase in trip fuel

1200LBS (과거 EDTO자료) 1500LBS이상 적용

Home

8000ft below OPT ALT: 7% increase in trip fuel 0.01M above LRC: 1~2% increase in trip fuel

FUEL Consumption

APU GND: 270LBS/hr IN FLT: 180LBS/hr

TAXI 2 ENG. no APU: 1500LBS/hr (400LBS 16분 연료) **CRZ** 1시간당 750ft 상승가능

Holding 분당 100LBS (4000LBS는 40분 Holding가능) Missed App & Landing

FUEL Loading Center Tank 1000LBS 이상시 Main Tank FULL FUEL Overfill: 1000LBS 기준

ON -> CTR Fuel 필요시 2000LBS이상으로 **Dispatch**

- 8: CTR fuel 1000~2000LBS T/O人 Low Press L/T

Consideration - Max Taxi Weight Check (MTOW+500lbs) - Improved T/O < No Bleed T/O < Improved T/O + No Bleed T/O - OPT TOW Blank -> MTOW Check - ELEC: ENG GEN, BLEED: APU BLEED (Max 17000ft) Anti-ice 필요시 이륙전 수행, 불필요시 시동후 수행 BLUE(S/W CHG), BLACK(S/W NO CHG) Stabilized - AFTER START Flow GENs on BUS. Prob Heats ON 이후 수행 Right PACK switch AUTO ISOLATION VALVE switch **CLOSE** Left PACK switch AUTO

Engine No. 1 BLEED air switch OFF APU BLEED air switch ON Engine No. 2 BLEED air switch OFF Trim Air Switch ON

NO ENGINE BLEED TAKEOFF **AFTER START (APU ON)**

WING ANTI-ICE switch OFF (ENG BLEED ON & ISOL V/V AUTO까지 OFF) Bleed Air DUCT PRESS indicator. Check

RECALL CHK

Ensure that eng bleed air supplies the packs. APU Remain - ON (OFF 주의)

AFTER START CHECK LIST

Continue <u>Home</u> Next Page

NO ENGINE BLEED AFTERTAKEOFF ENG Fail시 FE+1500ft or Obstacle CLR후 수행하라. N1. Climb Thrust (APU Bleed MAX 17000ft) Engine No. 2 BLEED air switch ON APU BLEED air switch..... OFF CABIN rate of CLIMB indicator 안정되면 Engine No. 1 BLEED air switch ON ISOLATION VALVE switch AUTO APU switch OFF (or ON for EDTO) For EDTO flights, APU EXP까지 ON 유지하라 Bleed Air DUCT PRESS indicator . . Check Ensure that eng bleed air supplies the packs. NO ENGINE BLEED LANDING GA Thrust 추가 필요시 10000ft 이하에서 수행 FL200 or TOD 이하 APU switch START When below 10,000 ft: WING ANTI-ICE switch OFF Right PACK switch AUTO ISOLATION VALVE switch CLOSE Left PACK switch AUTO Engine No. 1 BLEED air switch OFF APU BLEED air switch ON Engine No. 2 BLEED air switch OFF

Bleed Air DUCT PRESS indicator . .Check Ensure that APU bleed air supplies the packs.

Home

GND CONDITIONED AIR USE 공항 요구로 APU OFF후 기내 온도 조절을 위한 방법 Air Cart와는 다르며 단순 에어컨 기능만 함. GPU Connect - GPU ONBUS - APU OFF APU Bleed OFF (no POM) (APU 시동후 2분뒤 APU Bleed ON을 위해서 OFF) Ground conditioned air 연결 전 PACK switches OFF Packs의 damage를 방지하기 위함. APU Start - APU ONBUS - GPU, GND Air 제거 PACK switchesAs needed

After 2min, APU Bleed ON (no POM) **GND AIR CART USE**

APU 부작동시 AIR CART로 PACK과 시동을 위해 사용 AIR CART는 외부 BLEED AIR의 역할을 함.

APU BLEED air switch OFF ISOLATION VALVE switch OPEN

RECIRC FAN switches AUTO Trim Air Switch ON PACK switches AUTO or HIGH

Cabin temperature selectors AUTO Set for desired temperature. Duct pressure 20 psi minimum

20 psi이하고 APU 사용가능시 ISOLATION VALVE switch AUTO APU BLEED air switch..... ON APU - left pack, external air - right pack.

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STARTING with GND AIR SOURCE #1 ENG 먼저 (우측에 AIR CART, GPU 연결됨) "Req Engine Start up Present Positon-Engine No. 1 must be started first. When cleared to start: -> Before Start CHKLIST APU BLEED air switch OFF Engine No. 1 startAccomplish Use normal start procedures. -> PACKS - OFF... Generator No. 1 switch ON Disconnect Air Cart & GPU "Request Pushback" (if needed) #2 시동전 Air Cart 제거 반드시 확인!! **ENG CROSSBLEED START** #1 ENGBLEED 로 #2 ENG START PushBack 완료, #2 ENG Area CLR Parking brake SET

APU BLEED air switch OFF

PACK switches OFF ISOLATION VALVE switch AUTO

#1 thrust lever Advance thrust lever

Duct Press 30PSI까지 TH 증가(-8: IDLE) Starting ENG #2 Stabilized - #1 ENG IDLE - After START Flow

AFTER START CHKLIST

ENG Bleed air 들어오는지 확인하라.

Home

Min 제외한 모든 고도 수정은 ATC 인가 필요 Mandatory, Missed App 고도 ATC 사전 인가 없이 금지 반드시 고도 – FE 후의 고도를 보정해야함.

TEMP 200 300 400 500

Domestic

Japar

China

O

-5

-10

-15

-20

TEMP

-5

-10

-15

-20

Height Above FE (Feet) 200-800ft

Ex) FE 200ft 공항: 5000ft는 4800ft만 보정해야함.

Height Above FE (Feet) 900-5000ft

Home

COLD TEMP CORRECTION General 5도 간격은 보수적으로 보간법 적용됨

GMP, CJU, CJJ next page

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	8000	5500	5300	4000	2800	2300	2000
0	8450	5810	5600	4230	2970	2440	2120
-5	8620	5930	5710	4310	3030	2490	2160
-10	8780	6040	5820	4390	3080	2530	2200
R14	4000	2800	1400		4000		
0	4230	2970	1490		4230		
-5	4310	3030	1520		4310		
-10	4390	3080	1540		4390		

CJU 07 (307') / 25 (296')

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

-5

-10

06L

-5

-10

24R

-5

-10

ICN, KWJ, PUS next page

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(266'),04L(610') / 22L(610')							
04L/R	4000	3000	2000				7000
0	4230	3170	2120				7500
-5	4310	3230	2160		lon	20	7590
-10	4390	3290	2200	-	IUI		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
PUS 36L(233'),36R(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

COLD Wx Operation 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

ENGINE START NG : OAT -35°C TH변경전 2분간 IDLE, Min Oil

PROBE HEAT switches -

Press 까지 IDLE 수분간 유지, Oil Temp Nor 후 Oil Press High시 ShutDown

ENGINE ANTI-ICE

ENGINE START switches ----- CONT ENGINE ANTI-ICE switches ---- ON

COWL V/V OPEN 지속 Bright: APU Bleed OFF -ISO V/V AUTO - TH 서서히 증가 (Max 30%)

WING ANTI-ICE

- WING ANTI-ICE switch ----Type II or IV로 Deicing 안할 거면 사용하라

AFTER START

- GENERATOR 1 and 2 switches ----- ON IDG 1분이내 안정, 늦어도 5분이내 안정된다. FLIGHT controls --
- Deicing 할거면 Deicing 하고 한다. FLAPS ---Full Travel UP - 40 - UP (Deicing시 하고 실시) FLAP UP Taxi 고려
- TAXI OUT OAT 3°C 이하 RUN UP, Ice Shedding - RUNUP: Behind CLR, Min 70% 30초, 30분간격 (-8:50%-IDLE,60분 간격)

Min 70%, 1초, 10분간격 (-8: 없음) TWY 상태 고려 허용되는 만큼 N1 사용

- Ice Shedding (FZRA, FZDZ, FZFG, +SN):

Home

- ON

COLD Wx Operation 2/2 BEFORE T/O (Takeoff Signal - FLAPS 5) FLAPS ----8: Oil Temp 31°C 이상 확인 <mark>Standing TAKEOFF</mark> THRUST with EAI ------ 70%, -8 : 50%5초 RUNUP(OAT 3°C이하) NG 70%30초, -8: 50% 5초 **ENGINE ANTI-ICE** ENGINE START switches ----- CONT ENGINE ANTI-ICE switches ----- ON SAT -41°C 부터 OFF 가능 COWL V/V OPEN 지속 Bright: APU Bleed OFF, ISO V/V AUTO. TH 서서히 증가 (Max 30%) FAN ICE REMOVAL one ENG at a time Moderate Severe Icing 가능하면 회피하라. FAN ICE로 Vibration 발생 또는 예방을 위한 절차 ENGINE START switches (both) ----- FLT Autothrottle (if engaged) ----- Disengage THRUST ----- Increase(min 80%, 1초) & Adjust 15초이내 Vib 4.0이하 안정화(15분 간격 반복가능) Autothrottle (if needed) ----- Engage 4.0보다 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 WING ANTI-ICE switch -------- ON APPROACH L/D FLAP 15 사용 조건일 경우만 VREF ICE 사용 AFTER L/D, SHUTDOWN TAXI RUNUP. ICE SHEDDING 절차적용 FLAPS ------ 15 까지만 ENG ANTI-ICE ---- ENG ShutDown전 OFF

<u>Home</u>

----- Set 5 units

Stabilizer trim -----

ENGINE ----

ENG ON Deicing in ICN
TOBT- 40min CTC KE ICN (사전신청, 결과확인)
ICN Deicing "Deicing Required ENG On Deicing"
ICN Apron "Req Pushback Deicing Zone xxx" SQ2000

PARKING BRAKE ------ SET Report Parking Brake SET - > Ice Man

B737-8 BROADBAND s/w ------ OFF FLAPS ------ UP THRUST LEVERS ----- IDLE

Pad Control Arrange Deicing Pad No. Ice Man Manage Deicing Process

THRUST LEVERS ------ IDLE STABILIZER TRIM ------ CHECK ENGINE BLEED AIR SWITCHES ---- OFF APU BLEED air switch ----- OFF

Report Ready for Deicing - > Ice Man **START DE/ANTI-ICING REQ DCL(CTC DEL)** 항공기이동 및 Configuration 변경 금지

AFTER DE/ANTI-ICING IS COMPLETED

(TIME CHECK 1문) 용액과 마지막 용액 뿌린 시간 받고 적는다. Holdover Time 결정!!! B737-8 BROADBAND s/w ------ ON

TIME CHECK 1분후 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 – FLAP full travel check (FLAP UP TAXI 고려) Flight controls ----- Check

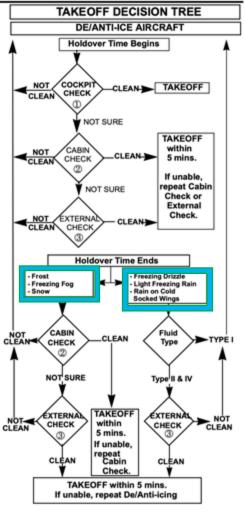
Cold Wx

TAXI, BEFORE T/O, T/O Procedure

After Start Cheklist

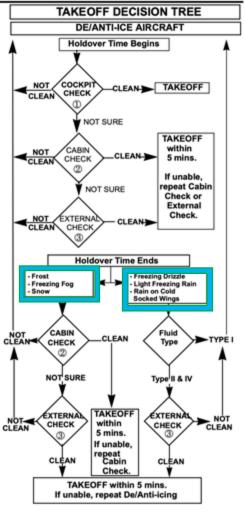
DECISION TREE next page





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ENG OFF Deicing in TOBT- 20min CTC KE GMP (PAD, New TOBT) **REQ DCL** Deicing "Deicing Required PADxxx" ±5min TOBT Apron "Req Pushback Deicing PADxxx" PARKING BRAKE ----- SET Establish communications with GND personnel. B737-8 BROADBAND s/w ----- OFF FLAPS ------ UP THRUST LEVERS -----IDLE STABILIZER TRIM ----- CHECK **ENGINE BLEED AIR SWITCHES ---- OFF** APU BLEED air switch ----- OFF APU -----START(시동후 ON 유지) APU GENERATOR bus switches ----- ON ENGINE ANTI-ICE switches----- OFF Engine Start levers ----- CUTOFF SHUTDOWN CHECKLIST START DE/ANTI-ICING Home 항공기이동 및 Configuration 변경 금지 AFTER DE/ANTI-ICING IS COMPLETED (TIME CHECK 1분) 용액과 마지막 용액 뿌린 시간 받고 적는다. Holdover Time 결정!!! B737-8 BROADBAND s/w ------ ON TIME CHECK 1분후 APU BLEED air switch ----- ON Engine BLEED air switches ----- ON PREFLT CHKlist -> Reg STARTUP -> CHKlist AFTER BOTH ENGINES ARE STARTED **ENGINE ANTI-ICE switches----As needed** APU----- As needed FLAP LEVER ----- Set for takeoff or UP ice, snow, slush or standing water, 강수 지속시 -FLAP Full travel check (FLAP UP TAXI 고려) Flight controls ---AFTER START CHKlist (ATC CLR Confirm) TAXI, BEFORE T/O, T/O Procedure **DECISION TREE next page**



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PUS VOR 18L/R RKPK ARRIYALS 1/1 STARS



GAYHA (Modify Required)
FIX: KMH 280(Base Turn), 284(Missed App)

TRANS, KMH22 Vref+wind

VOR18L/R

RUNWAYS

18L/R

THE PARTY OF THE P KMH32 KMH34 (18R) H/D 182 500'전 MH R280 Start Turn 090-1000ft A/P Off FD Off -On **KMH30** H/D110 **KMH30-1NM** Start Des KMH22 (MA046) 1700ft L/O 6000ft SET CRS 284 M.T. Carlotte Before L/D CHK FF046)

Missed App

Base Turn 이전 : L/H Turn KMH 284 OUTBD (SEL HDG SEL – INT H/D - VOR/LOC Engage)

Complete NEXT 1700ft

Base Turn 이후 : Continue R/H Turn KMH 284 OUTBD (SEL HDG SEL – INT H/D - VOR/LOC Engage)

Domestic LOC 36 Circling Next Page

PUS LOC 36L/R Circling 18L/R

STARS



36L18L/R 18L/R TRANS. KMH22 Vref+wind **GEOJE** (Modify Required)

RUNWAYS

CI36L(CF36R) 3500 FI36L(FF36R) 2100



Base Turn 이전: L/H Turn KMH 310 OUTBD (SEL HDG SEL - INT H/D - VOR/LOC Engage)

Base Turn 이후: Continue R/H Turn KMH 310 OUTBD (SEL HDG SEL - INT H/D - VOR/LOC Engage)

Domestic

GS KTS	KM	MILES
300	560	350
310	570	360
320	590	370
330	610	380
340	630	390
350	650	400
360	670	410
370	690	430
380	710	440
390	720	450
400	740	460
410	760	470
420	780	480
430	800	500
440	820	510
450	830	520
460	850	530
470	870	540
480	890	550
490	910	560
500	930	580
510	950	590
520	960	600
530	980	610
540	1000	620
550	1020	630
560	1040	650
570	1060	660
580	1070	670
590	1090	680
600	1110	690
610	1130	700
620	1150	710
630	1170	730
640	1190	740
650	1200	750
660	1220	760
670	1240	770
680	1260	780
690	1280	800
700	1300	810
	Цото	

<u>Home</u>