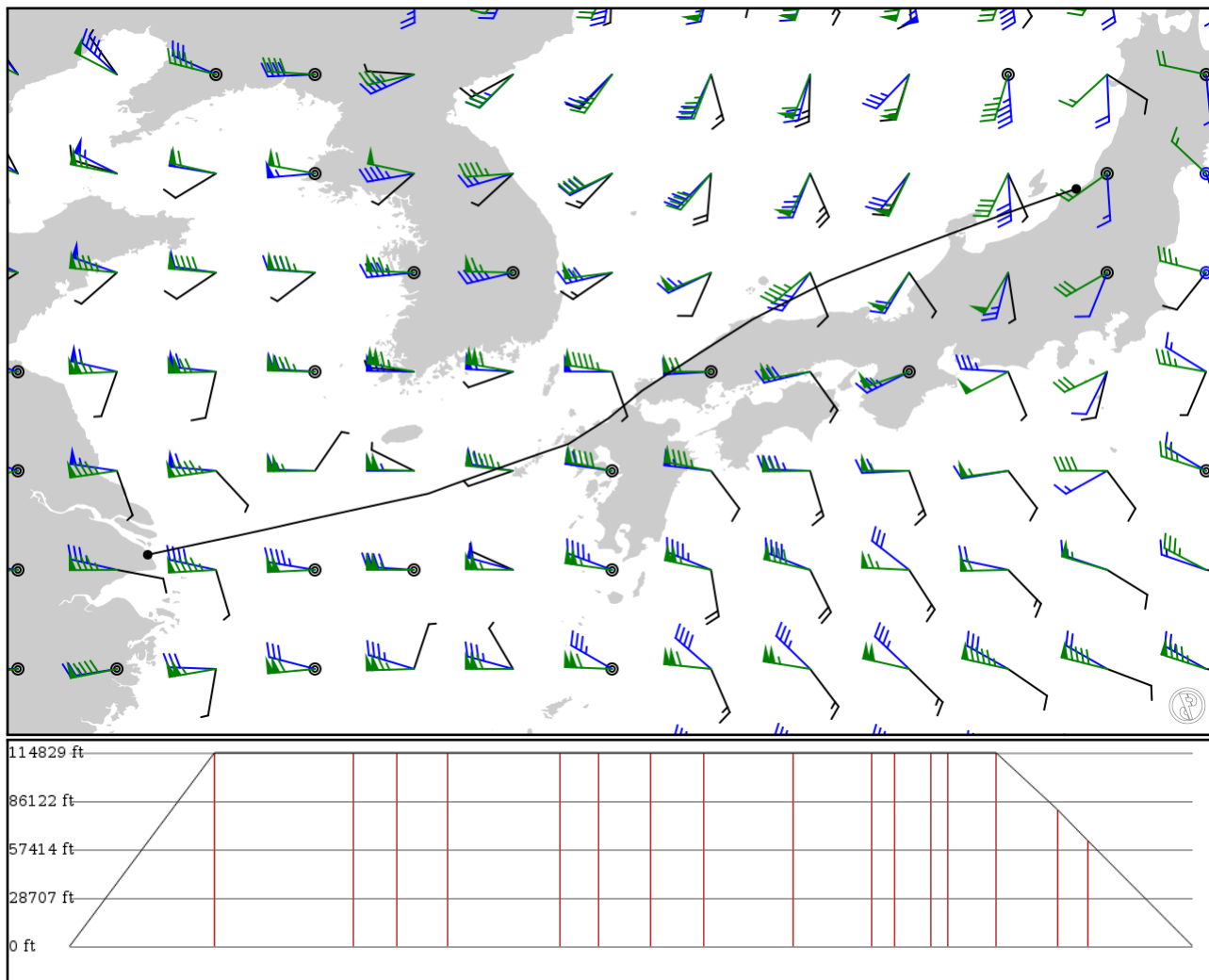


2024/05/07 1852Z

RJSN GTC **Y142** SAMON **Y14** DGC **Y28** ISAKY **Z20** POTET **A593** AKARA ZSPD

964.28 nm / 1785.84 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
RJSN	-	37.95480	0 ft	-	NIIGATA
APT	-	139.11400	0 m		
GTC	-	37.95830	0 ft	0	NIIGATA
VOR	-	139.11500	0 m		
NESKO	Y142	37.09960	35,000 ft	125	-
FIX	AWY-HI	136.72100	10,668 m		
SAMON	Y142	36.24290	35,000 ft	118	-
FIX	AWY-HI	134.50300	10,668 m		
DRIPS	Y14	35.90890	35,000 ft	38	-
FIX	AWY-HI	133.83600	10,668 m		
MIHOU	Y14	35.53110	35,000 ft	42	-
FIX	AWY-HI	133.09400	10,668 m		
HALNA	Y14	34.53380	35,000 ft	97	-
FIX	AWY-HI	131.53600	10,668 m		
STOUT	Y14	34.19070	35,000 ft	33	-
FIX	AWY-HI	131.01600	10,668 m		
DGC	Y14	33.67620	35,000 ft	43	FUKUOKA
VOR	AWY-HI	130.39000	10,668 m		
ISAKY	Y28	33.20620	35,000 ft	46	-
FIX	AWY-HI	129.65300	10,668 m		
CAMAS	Z20	32.72250	35,000 ft	75	-
FIX	AWY-HI	128.26200	10,668 m		
POTET	Z20	32.28000	35,000 ft	67	-
FIX	AWY-HI	127.04000	10,668 m		
ONIKU	A593	32.19500	35,000 ft	20	-
FIX	AWY-HI	126.65500	10,668 m		
NIRAT	A593	32.06500	35,000 ft	31	-
FIX	AWY-HI	126.05800	10,668 m		
PONIK	A593	32.00580	35,000 ft	14	-
FIX	AWY-HI	125.78300	10,668 m		
SADLI	A593	31.83330	35,000 ft	41	-
FIX	AWY-HI	124.99800	10,668 m		
LAMEN	A593	31.61000	24,700 ft	52	-
FIX	AWY-HI	124.00000	7,529 m		
AKARA	A593	31.50000	19,100 ft	26	-
FIX	AWY-HI	123.50000	5,822 m		
ZSPD	-	31.14150	0 ft	89	Shanghai Pudong Intl
APT	-	121.81300	0 m		

## RJSN

Region: JAPAN  
Timezone: ASIA/TOKYO  
Runways: 2

Elevation: 28 ft / 9 m  
Location: 37.954800 139.114000  
Magnetic Var: 8.656 W

## METAR

RJSN 071800Z AUTO 35013KT 5000 -RA BR SCT009 OVC011 11/10 Q1008

## TAF

TAF RJSN 071708Z 0718/0900 35014KT 8000 -SHRA FEW008 BKN012 TEMPO 0718/0721 FEW005 BKN008 BECMG 0812/0815 12004KT

## Frequencies

REC - 128.45 MHz - ATIS  
TWR - 118.00 MHz -  
DEP - 119.05 MHz -

TWR - 126.20 MHz -  
APP - 121.40 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	150 ft	8,185 ft	92.69	ASPHALT	0 ft	194 ft
	46 m	2,495 m	101.34		0 m	59 m
28	150 ft	8,185 ft	272.70	ASPHALT	0 ft	223 ft
	46 m	2,495 m	281.36		0 m	68 m
04	150 ft	4,321 ft	31.80	ASPHALT	0 ft	200 ft
	46 m	1,317 m	40.45		0 m	61 m
22	150 ft	4,321 ft	211.80	ASPHALT	0 ft	184 ft
	46 m	1,317 m	220.46		0 m	56 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	DME	INC	109.30 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
28	LOC-ILS	INC	109.30 MHz	18 nm	272.69	-	33 ft
				33 km	281.34		33 m
28	GS	INC	109.30 MHz	10 nm	273.39	3.00	58 ft
				19 km	282.05		58 m

## ZSPD

Region: CHINA  
Timezone: ASIA/SHANGHAI  
Runways: 5

Elevation: 13 ft / 4 m  
Location: 31.141500 121.813000  
Magnetic Var: 6.478 W

## METAR

ZSPD 071830Z 26003MPS CAVOK 17/14 Q1016 NOSIG

## TAF

TAF ZSPD 071513Z 0718/0818 25004MPS 6000 BKN015 TX23/0806Z TN15/0721Z BECMG 0720/0722 03004MPS

## Frequencies

REC - 131.45 MHz - ATIS	REC - 127.85 MHz - ATIS
TWR - 118.40 MHz - PUDONG TOWER	TWR - 118.57 MHz - PUDONG TOWER
TWR - 118.80 MHz - PUDONG TOWER	TWR - 124.35 MHz - PUDONG TOWER
TWR - 118.72 MHz - PUDONG SECONDARY TOWER	TWR - 118.32 MHz - PUDONG SECONDARY TOWER
GND - 121.62 MHz - PUDONG GROUND	GND - 121.80 MHz - PUDONG GROUND
GND - 121.87 MHz - PUDONG GROUND	GND - 121.70 MHz - PUDONG GROUND
GND - 122.70 MHz - PUDONG APRON RAMP/TAXI	GND - 122.60 MHz - PUDONG APRON RAMP/TAXI
GND - 122.65 MHz - PUDONG APRON RAMP/TAXI	GND - 122.97 MHz - PUDONG APRON RAMP/TAXI
CLD - 121.95 MHz - PUDONG CLEARANCE DELIVERY	CLD - 121.67 MHz -
APP - 121.10 MHz - SHANGHAI APPROACH	PUDONG SECONDARY CLEARANCE DELIVERY
APP - 120.30 MHz - SHANGHAI APPROACH	APP - 125.40 MHz - SHANGHAI APPROACH
APP - 125.85 MHz - SHANGHAI APPROACH	APP - 125.62 MHz - SHANGHAI APPROACH
APP - 126.65 MHz - SHANGHAI APPROACH	APP - 126.30 MHz - SHANGHAI APPROACH
APP - 121.37 MHz - SHANGHAI APPROACH	APP - 123.80 MHz - SHANGHAI APPROACH
APP - 120.65 MHz - SHANGHAI SECONDARY APPROACH	APP - 119.75 MHz - SHANGHAI SECONDARY APPROACH
APP - 124.05 MHz - SHANGHAI SECONDARY APPROACH	APP - 128.05 MHz - SHANGHAI SECONDARY APPROACH
	APP - 119.20 MHz - SHANGHAI SECONDARY APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	144 ft	11,192 ft	162.14	CONCRETE	0 ft	197 ft
	44 m	3,411 m	168.62		0 m	60 m
33	144 ft	11,192 ft	342.15	CONCRETE	0 ft	194 ft
	44 m	3,411 m	348.62		0 m	59 m
16L	197 ft	12,505 ft	162.10	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.58		0 m	0 m
34R	197 ft	12,505 ft	342.11	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.59		0 m	0 m
16R	197 ft	12,505 ft	162.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.56		0 m	0 m
34L	197 ft	12,505 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.57		0 m	0 m
17L	197 ft	13,155 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	168.56		0 m	0 m
35R	197 ft	13,155 ft	342.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	348.56		0 m	0 m
17R	197 ft	11,183 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	3,409 m	168.56		0 m	0 m
35L	197 ft	11,183 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,409 m	348.56		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16R	DME	IZZ	108.70 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
17L	DME	IPD	110.70 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
34L	DME	IDD	108.30 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
16L	LOC-ILS	IHL	111.50 MHz	18 nm	162.11	-	13 ft
				33 km	168.59		13 m
16R	LOC-ILS	IZZ	108.70 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
17L	LOC-ILS	IPD	110.70 MHz	18 nm	162.08	-	13 ft
				33 km	168.56		13 m
17R	LOC-ILS	IKM	111.10 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
34L	LOC-ILS	IDD	108.30 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
34R	LOC-ILS	IPR	108.90 MHz	18 nm	342.11	-	13 ft
				33 km	348.59		13 m
35L	LOC-ILS	IBD	108.10 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
35R	LOC-ILS	INN	111.90 MHz	18 nm	342.08	-	13 ft
				33 km	348.56		13 m
16L	GS	IHL	111.50 MHz	10 nm	162.11	3.00	13 ft
				19 km	168.59		13 m
16R	GS	IZZ	108.70 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
17L	GS	IPD	110.70 MHz	10 nm	162.08	3.00	13 ft
				19 km	168.56		13 m
17R	GS	IKM	111.10 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
34L	GS	IDD	108.30 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
34R	GS	IPR	108.90 MHz	10 nm	342.11	3.00	13 ft
				19 km	348.59		13 m
35L	GS	IBD	108.10 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
35R	GS	INN	111.90 MHz	10 nm	342.08	3.00	13 ft
				19 km	348.56		13 m