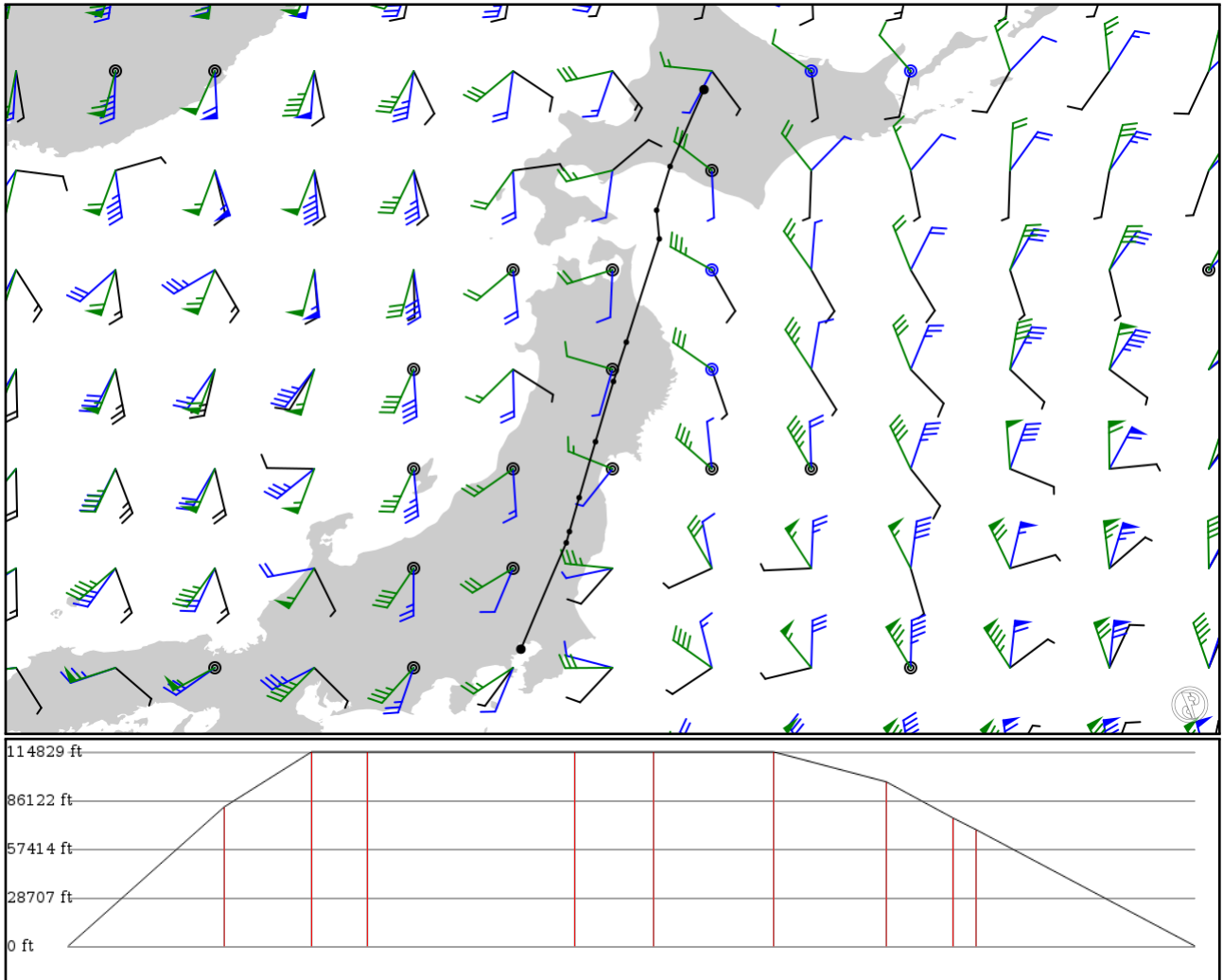


2024/05/20 0440Z

RJEC MKE **Y101** TOBBY **Y10** LANAI RJTT

504.92 nm / 935.12 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
RJEC	-	43.67070	0 ft	-	Asahikawa
APT	-	142.44800	0 m		
MKE	-	42.55500	25,100 ft	70	MUKAWA (SAPPORO)
VOR	-	141.95600	7,650 m		
TOBBY	Y101	41.91870	35,000 ft	39	-
FIX	AWY-HI	141.76000	10,668 m		
LARCH	Y10	41.50320	35,000 ft	25	-
FIX	AWY-HI	141.79900	10,668 m		
PANSY	Y10	40.00390	35,000 ft	92	-
FIX	AWY-HI	141.32000	10,668 m		
HPE	Y10	39.43340	35,000 ft	35	HANAMAKI
VOR	AWY-HI	141.13300	10,668 m		
ZAHAN	Y10	38.55920	35,000 ft	53	-
FIX	AWY-HI	140.87200	10,668 m		
RUBIS	Y10	37.74750	29,600 ft	50	-
FIX	AWY-HI	140.63500	9,022 m		
ASHRA	Y10	37.25460	23,100 ft	30	-
FIX	AWY-HI	140.49400	7,041 m		
LANAI	Y10	37.09210	21,000 ft	10	-
FIX	AWY-HI	140.44800	6,401 m		
RJTT	-	35.54790	0 ft	98	Tokyo Intl
APT	-	139.78900	0 m		

## RJEC

Region: JAPAN  
Timezone: ASIA/TOKYO  
Runways: 1

Elevation: 721 ft / 220 m  
Location: 43.670700 142.448000  
Magnetic Var: 9.752 W

## METAR

RJEC 200410Z 32010KT 9999 FEW030 BKN/// 22/10 Q1010 RMK 1CU030 A2983

## TAF

TAF TAF RJEC 192305Z 2000/2106 22010KT 9999 FEW020 SCT040 BECMG 2005/2007 32010KT TEMPO 2015/2018 4000 -SHRA BR FE

## Frequencies

TWR - 118.55 MHz - DAISETSU TWR

TWR - 126.20 MHz - DAISETSU TWR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	8,205 ft	154.26	ASPHALT	0 ft	200 ft
	60 m	2,501 m	164.02		0 m	61 m
34	197 ft	8,205 ft	334.27	ASPHALT	0 ft	200 ft
	60 m	2,501 m	344.03		0 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	DME	IAW	110.50 MHz	18 nm	-	-	721 ft
				33 km	-		721 m
34	LOC-ILS	IAW	110.50 MHz	18 nm	334.24	-	721 ft
				33 km	344.00		721 m
34	GS	IAW	110.50 MHz	10 nm	334.53	3.00	729 ft
				19 km	344.28		729 m

## RJTT

Region: JAPAN  
Timezone: ASIA/TOKYO  
Runways: 4

Elevation: 20 ft / 6 m  
Location: 35.547900 139.789000  
Magnetic Var: 7.807 W

## METAR

RJTT 200430Z 04004KT 350V080 9999 FEW015 BKN030 21/16 Q1011 NOSIG

## TAF

TAF RJTT 192305Z 2000/2106 35014KT 8000 -SHRA FEW008 BKN015 TEMPO 2000/2003 3000 SHRA BR FEW003 BKN005 TEMPO 2003/

## Frequencies

REC - 128.80 MHz - TOKYO ATIS	CLD - 121.87 MHz - TOKYO DELIVERY
CLD - 121.82 MHz - TOKYO DELIVERY	GND - 118.22 MHz - TOKYO GROUND
GND - 121.62 MHz - TOKYO GROUND	GND - 121.70 MHz - TOKYO GROUND
GND - 121.97 MHz - TOKYO GROUND	GND - 122.07 MHz - TOKYO GROUND
TWR - 118.10 MHz - TOKYO TOWER	TWR - 118.57 MHz - TOKYO TOWER
TWR - 118.72 MHz - TOKYO TOWER	TWR - 124.35 MHz - TOKYO TOWER
TWR - 118.80 MHz - TOKYO TOWER	TWR - 116.20 MHz - TOKYO TOWER
APP - 119.10 MHz - TOKYO APPROACH	APP - 119.40 MHz - TOKYO APPROACH
APP - 119.65 MHz - TOKYO APPROACH	APP - 119.70 MHz - TOKYO APPROACH
APP - 125.40 MHz - TOKYO APPROACH	APP - 121.27 MHz - TOKYO APPROACH
APP - 124.40 MHz - TOKYO APPROACH	APP - 125.20 MHz - TOKYO APPROACH
APP - 125.80 MHz - TOKYO APPROACH	APP - 127.70 MHz - TOKYO APPROACH
DEP - 126.00 MHz - TOKYO DEPARTURE	DEP - 120.80 MHz - TOKYO DEPARTURE
DEP - 127.50 MHz - TOKYO DEPARTURE	DEP - 127.60 MHz - TOKYO DEPARTURE
DEP - 124.20 MHz - TOKYO DEPARTURE	DEP - 119.60 MHz - TOKYO DEPARTURE
DEP - 120.60 MHz - TOKYO DEPARTURE	DEP - 125.52 MHz - TOKYO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	197 ft	11,039 ft	150.01	ASPHALT	0 ft	190 ft
	60 m	3,365 m	157.82		0 m	58 m
34R	197 ft	11,039 ft	330.02	ASPHALT	1,181 ft	194 ft
	60 m	3,365 m	337.83		360 m	59 m
04	197 ft	8,211 ft	34.92	ASPHALT	0 ft	194 ft
	60 m	2,503 m	42.73		0 m	59 m
22	197 ft	8,211 ft	214.93	ASPHALT	0 ft	190 ft
	60 m	2,503 m	222.74		0 m	58 m
16R	197 ft	9,855 ft	149.98	ASPHALT	0 ft	0 ft
	60 m	3,004 m	157.79		0 m	0 m
34L	197 ft	9,855 ft	329.99	ASPHALT	0 ft	190 ft
	60 m	3,004 m	337.80		0 m	58 m
05	197 ft	8,206 ft	42.44	ASPHALT	0 ft	190 ft
	60 m	2,501 m	50.25		0 m	58 m
23	197 ft	8,206 ft	222.45	ASPHALT	0 ft	194 ft
	60 m	2,501 m	230.26		0 m	59 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22	DME	IAD	108.10 MHz	18 nm	-	-	46 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	-		46 m
23	DME	ITD	110.50 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
34L	DME	IHA	111.70 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
34R	DME	ITC	108.90 MHz	18 nm	-	-	21 ft
				33 km	-		21 m
16L	LOC-ILS	IOC	111.95 MHz	18 nm	150.02	-	20 ft
				33 km	157.83		20 m
16R	LOC-ILS	ITA	111.55 MHz	18 nm	149.99	-	20 ft
				33 km	157.80		20 m
22	LOC-ILS	IAD	108.10 MHz	18 nm	214.93	-	20 ft
				33 km	222.74		20 m
23	LOC-ILS	ITD	110.50 MHz	18 nm	222.45	-	20 ft
				33 km	230.26		20 m
34L	LOC-ILS	IHA	111.70 MHz	18 nm	329.99	-	20 ft
				33 km	337.80		20 m
34R	LOC-ILS	ITC	108.90 MHz	18 nm	330.02	-	20 ft
				33 km	337.83		20 m
16L	GS	IOC	111.95 MHz	10 nm	150.02	3.00	20 ft
				19 km	157.83		20 m
16R	GS	ITA	111.55 MHz	10 nm	149.99	3.00	20 ft
				19 km	157.80		20 m
22	GS	IAD	108.10 MHz	10 nm	214.93	3.00	20 ft
				19 km	222.74		20 m
23	GS	ITD	110.50 MHz	10 nm	222.45	3.00	20 ft
				19 km	230.26		20 m
34L	GS	IHA	111.70 MHz	10 nm	329.99	3.00	20 ft
				19 km	337.80		20 m
34R	GS	ITC	108.90 MHz	10 nm	330.02	3.00	20 ft
				19 km	337.83		20 m