

RPLL

Ninoy Aquino Intl

KSFO

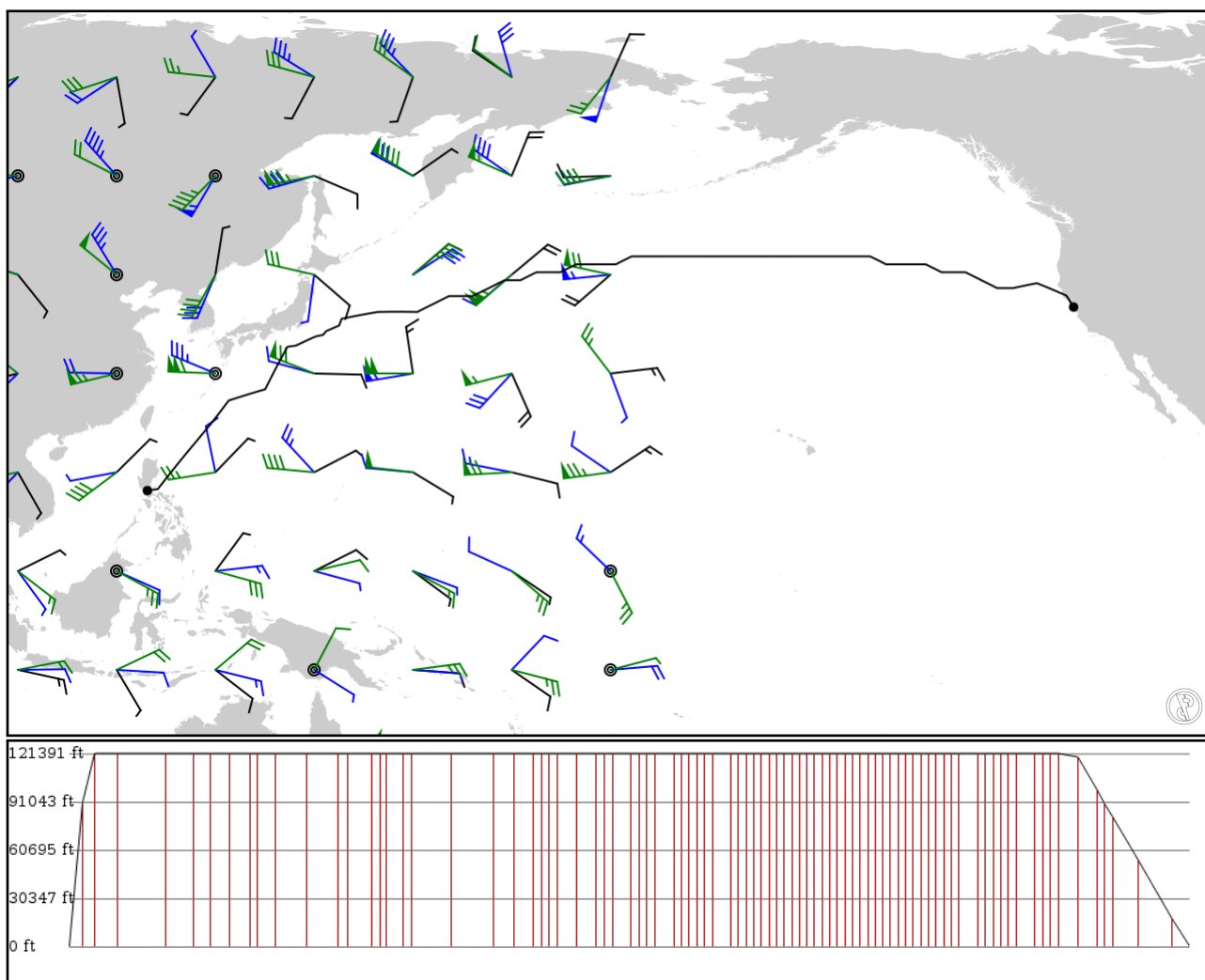
San Francisco International

2024/05/02 1902Z

RPLL JOM **A590** MDE **V75** CANAI MAKDA **A339** MAPDO SABRI ADKAK FORDO SMOLT KENTO AVBET **OTR11** LEPKI  
3700N15500E 3800N15700E 3900N15900E 3900N16000E 3900N16100E 3900N16200E 4000N16400E 4100N16600E  
4100N16700E 4100N16800E 4200N17000E 4200N17100E 4200N17200E 4200N17300E 4300N17500E 4300N17600E  
4300N17700E 4300N17800E 4300N17900E 4300N18000E 4400N17800W 4400N17700W 4400N17600W 4400N17500W  
4400N17400W 4400N17300W 4400N17200W 4400N17100W 4400N17000W 4400N16900W 4400N16800W 4400N16700W  
4400N16600W 4400N16500W 4400N16400W 4400N16300W 4400N16200W 4400N16100W 4400N16000W 4400N15900W  
4400N15800W 4400N15700W 4400N15600W 4400N15500W 4400N15400W 4400N15300W 4400N15200W 4400N15100W  
4400N15000W 4400N14900W 4400N14800W 4300N14600W 4300N14500W 4300N14400W 4300N14300W 4300N14200W  
4300N14100W 4200N13900W 4200N13800W 4200N13700W 4200N13600W 4100N13400W 4000N13200W 4000N13100W

4000N13000W VESPA **C1486** ENI KSFO

6371.22 nm / 11799.50 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 37000ft

- Cruise Speed: 420kts
- Descent Rate: 400ft/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
RPLL	-	14.51130	0 ft	-	Ninoy Aquino Intl
APT	-	121.01300	0 m		
JOM	-	14.70490	27,600 ft	77	JOMALIG
VOR	-	122.33000	8,412 m		
MUPOB	A590	15.63660	37,000 ft	69	-
FIX	AWY-HI	123.05500	11,278 m		
SKATE	A590	17.36980	37,000 ft	130	-
FIX	AWY-HI	124.42700	11,278 m		
GURAG	A590	21.00000	37,000 ft	276	-
FIX	AWY-HI	127.41700	11,278 m		
TUNTO	A590	23.00440	37,000 ft	151	-
FIX	AWY-HI	129.08100	11,278 m		
AVLAS	A590	24.35560	37,000 ft	99	-
FIX	AWY-HI	130.12100	11,278 m		
MDE	A590	25.85450	37,000 ft	109	MINAMIDAITO
VOR	AWY-HI	131.26400	11,278 m		
NIRAI	V75	26.49760	37,000 ft	115	-
FIX	AWY-HI	133.27400	11,278 m		
CANAI	V75	26.73370	37,000 ft	43	-
FIX	AWY-HI	134.04100	11,278 m		
MAKDA	-	27.27070	37,000 ft	102	-
FIX	-	135.85100	11,278 m		
TAXON	A339	30.00380	37,000 ft	179	-
FIX	AWY-HI	137.23900	11,278 m		
MAPDO	A339	32.61350	37,000 ft	172	-
FIX	AWY-HI	138.64500	11,278 m		
SABRI	-	32.77020	37,000 ft	55	-
FIX	-	139.72100	11,278 m		
ADKAK	-	33.90350	37,000 ft	140	-
FIX	-	142.16300	11,278 m		
FORDO	-	34.11850	37,000 ft	50	-
FIX	-	143.13700	11,278 m		
SMOLT	-	34.58010	37,000 ft	33	-
FIX	-	143.51700	11,278 m		
KENTO	-	35.29630	37,000 ft	91	-
FIX	-	145.16300	11,278 m		
AVBET	-	36.14230	37,000 ft	52	-
FIX	-	145.46700	11,278 m		
LEPKI	OTR11	37.00000	37,000 ft	224	-
FIX	AWY-HI	150.00000	11,278 m		
3700N15500E	-	37.00000	37,000 ft	239	-
LATLON	-	155.00000	11,278 m		
3800N15700E	-	38.00000	37,000 ft	112	-
LATLON	-	157.00000	11,278 m		
3900N15900E	-	39.00000	37,000 ft	111	-
LATLON	-	159.00000	11,278 m		
3900N16000E	-	39.00000	37,000 ft	46	-
LATLON	-	160.00000	11,278 m		
3900N16100E	-	39.00000	37,000 ft	46	-
LATLON	-	161.00000	11,278 m		
3900N16200E	-	39.00000	37,000 ft	46	-
LATLON	-	162.00000	11,278 m		
4000N16400E	-	40.00000	37,000 ft	110	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	164.00000	11,278 m		
4100N16600E	-	41.00000	37,000 ft	109	-
LATLON	-	166.00000	11,278 m		
4100N16700E	-	41.00000	37,000 ft	45	-
LATLON	-	167.00000	11,278 m		
4100N16800E	-	41.00000	37,000 ft	45	-
LATLON	-	168.00000	11,278 m		
4200N17000E	-	42.00000	37,000 ft	108	-
LATLON	-	170.00000	11,278 m		
4200N17100E	-	42.00000	37,000 ft	44	-
LATLON	-	171.00000	11,278 m		
4200N17200E	-	42.00000	37,000 ft	44	-
LATLON	-	172.00000	11,278 m		
4200N17300E	-	42.00000	37,000 ft	44	-
LATLON	-	173.00000	11,278 m		
4300N17500E	-	43.00000	37,000 ft	106	-
LATLON	-	175.00000	11,278 m		
4300N17600E	-	43.00000	37,000 ft	43	-
LATLON	-	176.00000	11,278 m		
4300N17700E	-	43.00000	37,000 ft	43	-
LATLON	-	177.00000	11,278 m		
4300N17800E	-	43.00000	37,000 ft	43	-
LATLON	-	178.00000	11,278 m		
4300N17900E	-	43.00000	37,000 ft	43	-
LATLON	-	179.00000	11,278 m		
4300N18000E	-	43.00000	37,000 ft	43	-
LATLON	-	-180.00000	11,278 m		
4400N17800W	-	44.00000	37,000 ft	105	-
LATLON	-	-178.00000	11,278 m		
4400N17700W	-	44.00000	37,000 ft	43	-
LATLON	-	-177.00000	11,278 m		
4400N17600W	-	44.00000	37,000 ft	43	-
LATLON	-	-176.00000	11,278 m		
4400N17500W	-	44.00000	37,000 ft	43	-
LATLON	-	-175.00000	11,278 m		
4400N17400W	-	44.00000	37,000 ft	43	-
LATLON	-	-174.00000	11,278 m		
4400N17300W	-	44.00000	37,000 ft	43	-
LATLON	-	-173.00000	11,278 m		
4400N17200W	-	44.00000	37,000 ft	43	-
LATLON	-	-172.00000	11,278 m		
4400N17100W	-	44.00000	37,000 ft	43	-
LATLON	-	-171.00000	11,278 m		
4400N17000W	-	44.00000	37,000 ft	43	-
LATLON	-	-170.00000	11,278 m		
4400N16900W	-	44.00000	37,000 ft	43	-
LATLON	-	-169.00000	11,278 m		
4400N16800W	-	44.00000	37,000 ft	43	-
LATLON	-	-168.00000	11,278 m		
4400N16700W	-	44.00000	37,000 ft	43	-
LATLON	-	-167.00000	11,278 m		
4400N16600W	-	44.00000	37,000 ft	43	-
LATLON	-	-166.00000	11,278 m		
4400N16500W	-	44.00000	37,000 ft	43	-
LATLON	-	-165.00000	11,278 m		
4400N16400W	-	44.00000	37,000 ft	43	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-164.00000	11,278 m		
4400N16300W	-	44.00000	37,000 ft	43	-
LATLON	-	-163.00000	11,278 m		
4400N16200W	-	44.00000	37,000 ft	43	-
LATLON	-	-162.00000	11,278 m		
4400N16100W	-	44.00000	37,000 ft	43	-
LATLON	-	-161.00000	11,278 m		
4400N16000W	-	44.00000	37,000 ft	43	-
LATLON	-	-160.00000	11,278 m		
4400N15900W	-	44.00000	37,000 ft	43	-
LATLON	-	-159.00000	11,278 m		
4400N15800W	-	44.00000	37,000 ft	43	-
LATLON	-	-158.00000	11,278 m		
4400N15700W	-	44.00000	37,000 ft	43	-
LATLON	-	-157.00000	11,278 m		
4400N15600W	-	44.00000	37,000 ft	43	-
LATLON	-	-156.00000	11,278 m		
4400N15500W	-	44.00000	37,000 ft	43	-
LATLON	-	-155.00000	11,278 m		
4400N15400W	-	44.00000	37,000 ft	43	-
LATLON	-	-154.00000	11,278 m		
4400N15300W	-	44.00000	37,000 ft	43	-
LATLON	-	-153.00000	11,278 m		
4400N15200W	-	44.00000	37,000 ft	43	-
LATLON	-	-152.00000	11,278 m		
4400N15100W	-	44.00000	37,000 ft	43	-
LATLON	-	-151.00000	11,278 m		
4400N15000W	-	44.00000	37,000 ft	43	-
LATLON	-	-150.00000	11,278 m		
4400N14900W	-	44.00000	37,000 ft	43	-
LATLON	-	-149.00000	11,278 m		
4400N14800W	-	44.00000	37,000 ft	43	-
LATLON	-	-148.00000	11,278 m		
4300N14600W	-	43.00000	37,000 ft	105	-
LATLON	-	-146.00000	11,278 m		
4300N14500W	-	43.00000	37,000 ft	43	-
LATLON	-	-145.00000	11,278 m		
4300N14400W	-	43.00000	37,000 ft	43	-
LATLON	-	-144.00000	11,278 m		
4300N14300W	-	43.00000	37,000 ft	43	-
LATLON	-	-143.00000	11,278 m		
4300N14200W	-	43.00000	37,000 ft	43	-
LATLON	-	-142.00000	11,278 m		
4300N14100W	-	43.00000	37,000 ft	43	-
LATLON	-	-141.00000	11,278 m		
4200N13900W	-	42.00000	37,000 ft	106	-
LATLON	-	-139.00000	11,278 m		
4200N13800W	-	42.00000	37,000 ft	44	-
LATLON	-	-138.00000	11,278 m		
4200N13700W	-	42.00000	37,000 ft	44	-
LATLON	-	-137.00000	11,278 m		
4200N13600W	-	42.00000	37,000 ft	44	-
LATLON	-	-136.00000	11,278 m		
4100N13400W	-	41.00000	36,300 ft	108	-
LATLON	-	-134.00000	11,064 m		
4000N13200W	-	40.00000	30,000 ft	109	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-132.00000	9,144 m		
4000N13100W	-	40.00000	27,400 ft	46	-
LATLON	-	-131.00000	8,352 m		
4000N13000W	-	40.00000	24,800 ft	46	-
LATLON	-	-130.00000	7,559 m		
VESPA	-	40.62530	16,600 ft	142	-
FIX	-	-127.00000	5,060 m		
ENI	C1486	39.05320	5,400 ft	196	MENDOCINO (UKIAH)
VOR	AWY-HI	-123.27400	1,646 m		
KSFO	-	37.61850	0 ft	96	San Francisco International
APT	-	-122.37500	0 m		

## RPLL

Region: PHILIPPINES  
Timezone: ASIA/MANILA  
Runways: 2

Elevation: 75 ft / 23 m  
Location: 14.511300 121.013000  
Magnetic Var: 2.777 W

## METAR

RPLL 021800Z 11006KT 080V150 9999 FEW025 SCT100 29/23 Q1009 NOSIG RMK A2980

## TAF

TAF RPLL 021700Z 0218/0324 11007KT 9999 FEW025 TX36/0306Z TN29/0221Z TEMPO 0305/0311 13013G23KT

## Frequencies

REC - 126.40 MHz - ATIS	APP - 119.70 MHz - MANILA APPROACH
APP - 121.10 MHz - MANILA APPROACH	APP - 127.70 MHz - MANILA APPROACH
TWR - 118.10 MHz - MANILA TOWER	GND - 121.80 MHz - MANILA GROUND
GND - 121.70 MHz - MANILA RAMP	GND - 128.80 MHz - MANILA RAMP
GND - 123.25 MHz - MANILA RAMP	GND - 121.35 MHz - MANILA RAMP
CLD - 125.10 MHz - MANILA CLEARANCE DELIVERY	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	197 ft	11,742 ft	60.15	ASPHALT	545 ft	0 ft
	60 m	3,579 m	62.92		166 m	0 m
24	197 ft	11,742 ft	240.15	ASPHALT	0 ft	0 ft
	60 m	3,579 m	242.93		0 m	0 m
13	144 ft	7,729 ft	134.96	ASPHALT	804 ft	0 ft
	44 m	2,356 m	137.73		245 m	0 m
31	144 ft	7,729 ft	314.96	ASPHALT	0 ft	0 ft
	44 m	2,356 m	317.74		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	IML	109.10 MHz	18 nm	-	-	50 ft
				33 km	-		50 m
24	DME	IMA	109.90 MHz	18 nm	-	-	50 ft
				33 km	-		50 m
06	LOC-ILS	IML	109.10 MHz	18 nm	60.15	-	75 ft
				33 km	62.93		75 m
24	LOC-ILS	IMA	109.90 MHz	18 nm	240.15	-	75 ft
				33 km	242.93		75 m
06	GS	IML	109.10 MHz	10 nm	60.15	3.01	75 ft
				19 km	62.93		75 m
24	GS	IMA	109.90 MHz	10 nm	240.15	3.06	75 ft
				19 km	242.93		75 m

## KSFO

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 4

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.845 E

## METAR

KSFO 021756Z 27012KT 10SM FEW006 SCT250 17/09 A3004 RMK A02 SLP172 T01720089 10172 20111 50002

## TAF

TAF KSFO 021740Z 0218/0324 27017KT P6SM SKC FM022000 29025G34KT P6SM SKC FM030400 28013KT P6SM SKC FM031100 27007KT

## Frequencies

REC - 113.70 MHz - D-ATIS	REC - 115.80 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.20 MHz -	GND - 121.80 MHz - SAN FRANCISCO GROUND
SAN FRANCISCO CLEARANCE DELIVERY	APP - 134.50 MHz - NORCAL APPROACH
TWR - 120.50 MHz - SAN FRANCISCO TOWER	APP - 128.57 MHz - NORCAL APPROACH
APP - 128.32 MHz - NORCAL APPROACH	DEP - 120.90 MHz - NORCAL DEPARTURE
APP - 133.95 MHz - NORCAL APPROACH	
DEP - 135.10 MHz - NORCAL DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.05		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.07		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.05		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.07		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.87		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.87		0 m	136 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.87		13 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.06		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.06		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.87		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.06		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.06		13 m