

# LPPT

Lisboa

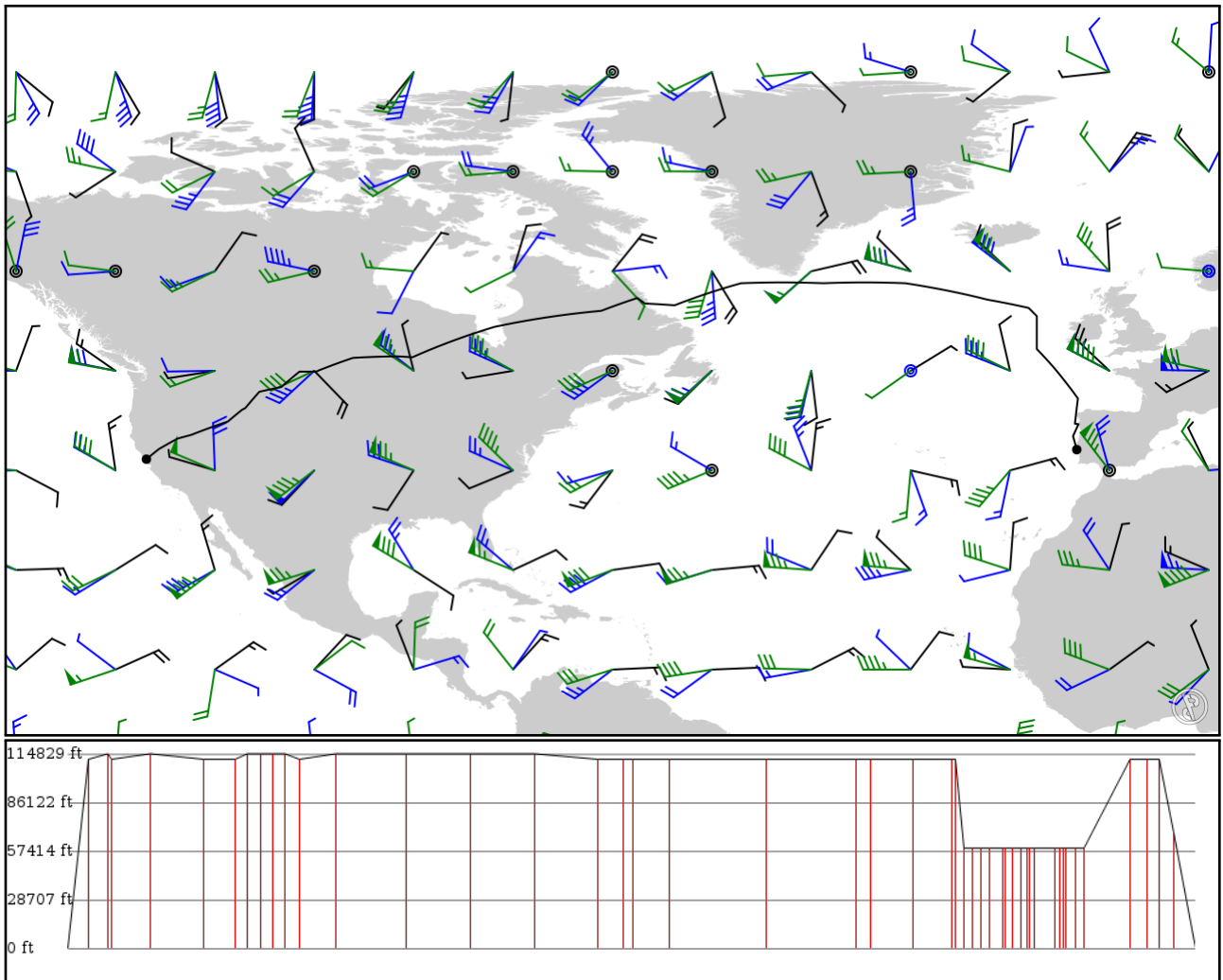
# KSFO

San Francisco Intl

2024/05/05 1812Z

LPPT TERVA **UN866** AGADO **UN728** DEMOS **UP40** BEGAS **T16** OMOKO ELBOX XETBO GISTI BEXET NETKI PIKIL C  
+59.000\_--50.000 5950N **5E22** PORGY YDP LOMTA **N396C** TEALS **SCAX** TADIS YXL **J596** YWG **5T13** MIB WELOG  
**V430** ISN **V465** MLS **V2** BIL **V465** DNW **V330** JAC **V465** MLD **J32** COLOM KSFO

5437.10 nm / 10069.50 km



## Notes

Using NAT tracks from 2/4/2016

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
LPPT	-	38.77856	0 ft	-	Lisboa
APT	-	-9.13515	0 m		
TERVA	-	40.41667	34,000 ft	100	-
FIX	-	-9.59111	10,363 m		
AGADO	UN866	41.87288	35,000 ft	92	-
FIX	AWY-HI	-8.92669	10,668 m		
DEMOS	UN728	41.92570	34,000 ft	19	-
FIX	AWY-HI	-9.36200	10,363 m		
BEGAS	UP40	45.00000	35,000 ft	185	-
FIX	AWY-HI	-9.00000	10,668 m		
OMOKO	T16	48.83889	34,000 ft	261	-
FIX	AWY-HI	-12.00000	10,363 m		
ELSOX	-	51.00000	34,000 ft	151	-
FIX	-	-14.00000	10,363 m		
XETBO	-	52.00000	35,000 ft	60	-
FIX	-	-14.00000	10,668 m		
GISTI	-	53.00000	35,000 ft	60	-
FIX	-	-14.00000	10,668 m		
BEXET	-	54.00000	35,000 ft	60	-
FIX	-	-14.00000	10,668 m		
NETKI	-	55.00000	35,000 ft	60	-
FIX	-	-14.00000	10,668 m		
PIKIL	-	56.00000	34,000 ft	69	-
FIX	-	-15.00000	10,363 m		
+57.000_--20.000	C	57.00000	35,000 ft	176	-
LATLON	NAT	-20.00000	10,668 m		
+59.000_--30.000	C	59.00000	35,000 ft	339	-
LATLON	NAT	-30.00000	10,668 m		
+59.000_--40.000	C	59.00000	35,000 ft	309	-
LATLON	NAT	-40.00000	10,668 m		
+59.000_--50.000	C	59.00000	35,000 ft	309	-
LATLON	NAT	-50.00000	10,668 m		
5950N	-	59.00000	35,000 ft	0	-
FIX	-	-50.00000	10,668 m		
PORGY	5E22	56.31667	34,000 ft	305	-
FIX	AWY-HI	-58.08333	10,363 m		
YDP	-	56.53381	34,000 ft	120	NAIN NDB
NDB	-	-61.69178	10,363 m		
LOMTA	-	57.20333	34,000 ft	50	-
FIX	-	-62.62000	10,363 m		
TEALS	N396C	55.64861	34,000 ft	172	-
FIX	AWY-HI	-66.99917	10,363 m		
DUSMA	SCAX	53.70000	34,000 ft	465	-
FIX	AWY-HI	-80.00000	10,363 m		
TADIS	SCAX	50.00000	34,000 ft	431	-
FIX	AWY-HI	-90.00000	10,363 m		
YXL	-	50.11828	34,000 ft	73	SIOUX LOOKOUT NDB
NDB	-	-91.89781	10,363 m		
YWG	J596	49.92778	34,000 ft	206	WINNIPEG VORTAC
VOR	AWY-HI	-97.23922	10,363 m		
MIB	5T13	48.41537	34,000 ft	185	-
VOR	AWY-HI	-101.36611	10,363 m		
WELOG	-	48.26275	34,000 ft	15	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-101.67119	10,363 m		
RENLY FIX	V430 AWY-LO	48.25258 -102.69500	18,000 ft 5,486 m	40	-
ISN VOR	V430 AWY-LO	48.25342 -103.75067	18,000 ft 5,486 m	42	WILLISTON VORTAC
LAMBE FIX	V465 AWY-LO	47.76136 -104.35022	18,000 ft 5,486 m	38	-
SAYOR FIX	V465 AWY-LO	47.23286 -104.97758	18,000 ft 5,486 m	40	-
MLS DME	V465 AWY-LO	46.38223 -105.95354	18,000 ft 5,486 m	64	MILES CITY VOR-DME
ASHLI FIX	V2 AWY-LO	46.31673 -106.27683	18,000 ft 5,486 m	13	-
CONUK FIX	V2 AWY-LO	46.15373 -107.05931	18,000 ft 5,486 m	33	-
NIBBE FIX	V2 AWY-LO	45.93664 -108.05722	18,000 ft 5,486 m	43	-
BIL VOR	V2 AWY-LO	45.80856 -108.62464	18,000 ft 5,486 m	24	BILLINGS VORTAC
LAREI FIX	V465 AWY-LO	45.59689 -108.81434	18,000 ft 5,486 m	14	-
REDLO FIX	V465 AWY-LO	45.24336 -109.12730	18,000 ft 5,486 m	24	-
DNW VOR	V465 AWY-LO	43.82828 -110.33547	18,000 ft 5,486 m	99	DUNOIR VOR-DME
JAC VOR	V330 AWY-LO	43.62103 -110.73169	18,000 ft 5,486 m	21	JACKSON VOR-DME
ECUNA FIX	V465 AWY-LO	43.42332 -110.97767	18,000 ft 5,486 m	15	-
ELKHO FIX	V465 AWY-LO	43.38618 -111.02361	18,000 ft 5,486 m	2	-
CILEG FIX	V465 AWY-LO	43.27654 -111.15882	18,000 ft 5,486 m	8	-
GIGSE FIX	V465 AWY-LO	43.22657 -111.22022	18,000 ft 5,486 m	4	-
LUNDI FIX	V465 AWY-LO	42.69112 -111.86924	18,000 ft 5,486 m	42	-
MLD DME	V465 AWY-LO	42.19990 -112.45124	18,000 ft 5,486 m	39	MALAD CITY VOR-DME
BAM VOR	J32 AWY-HI	40.56908 -116.92225	34,000 ft 10,363 m	223	BATTLE MOUNTAIN VORTAC
LLC VOR	J32 AWY-HI	40.12525 -118.57758	34,000 ft 10,363 m	80	LOVELOCK VORTAC
FMG VOR	J32 AWY-HI	39.53128 -119.65608	34,000 ft 10,363 m	61	MUSTANG VORTAC
COLOM FIX	J32 AWY-HI	38.83897 -120.87002	20,800 ft 6,340 m	70	-
KSFO APT	- -	37.61867 -122.37501	0 ft 0 m	102	San Francisco Intl

## LPPT

Region: PORTUGAL  
Timezone: EUROPE/LISBON  
Runways: 2

Elevation: 374 ft / 114 m  
Location: 38.778800 -9.135190  
Magnetic Var: 1.571 W

## METAR

LPPT 051800Z 27011KT 9999 FEW014 SCT018 18/14 Q1014

## TAF

TAF LPPT 051700Z 0518/0624 22012KT 9999 FEW008 BKN015 BECMG 0518/0520 29005KT SCT012 PROB40 TEMPO 0600/0608 5000

## Frequencies

REC - 121.95 MHz - ATIS	REC - 124.15 MHz - ATIS
TWR - 118.10 MHz - LISBOA TOWER	TWR - 118.50 MHz - LISBOA TOWER
GND - 121.75 MHz - LISBOA GROUND	CLD - 118.95 MHz - CLEARANCE DELIVERY
APP - 119.10 MHz - LISBOA APPROACH	APP - 119.55 MHz - LISBOA APPROACH
APP - 125.35 MHz - LISBOA ARRIVAL	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	148 ft	12,505 ft	22.65	ASPHALT	302 ft	0 ft
	45 m	3,812 m	24.22		92 m	0 m
21	148 ft	12,505 ft	202.66	ASPHALT	1,965 ft	0 ft
	45 m	3,812 m	204.23		599 m	0 m
17	148 ft	7,612 ft	168.14	ASPHALT	0 ft	0 ft
	45 m	2,320 m	169.71		0 m	0 m
35	148 ft	7,612 ft	348.14	ASPHALT	194 ft	299 ft
	45 m	2,320 m	349.71		59 m	91 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	ILI	109.10 MHz	18 nm	-	-	419 ft
				33 km	-		419 m
21	DME	ILB	109.50 MHz	18 nm	-	-	423 ft
				33 km	-		423 m
03	LOC-ILS	ILI	109.10 MHz	18 nm	22.66	-	374 ft
				33 km	24.23		374 m
21	LOC-ILS	ILB	109.50 MHz	18 nm	202.59	-	335 ft
				33 km	204.16		335 m
03	GS	ILI	109.10 MHz	10 nm	22.66	3.00	374 ft
				19 km	24.23		374 m
21	GS	ILB	109.50 MHz	10 nm	203.42	3.00	423 ft
				19 km	204.99		423 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 051756Z 29016KT 10SM FEW025 14/04 A3006 RMK AO2 SLP180 T01390044 10139 20089 51014 \$

## TAF

KSFO 051729Z 0518/0624 28016G22KT P6SM FEW020 FEW025 FM052100 28016G25KT P6SM FEW030 FM060400 28014KT P6SM FEW250

## 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	194.88		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	194.88		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	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m