

SA19

Alejandro Roca

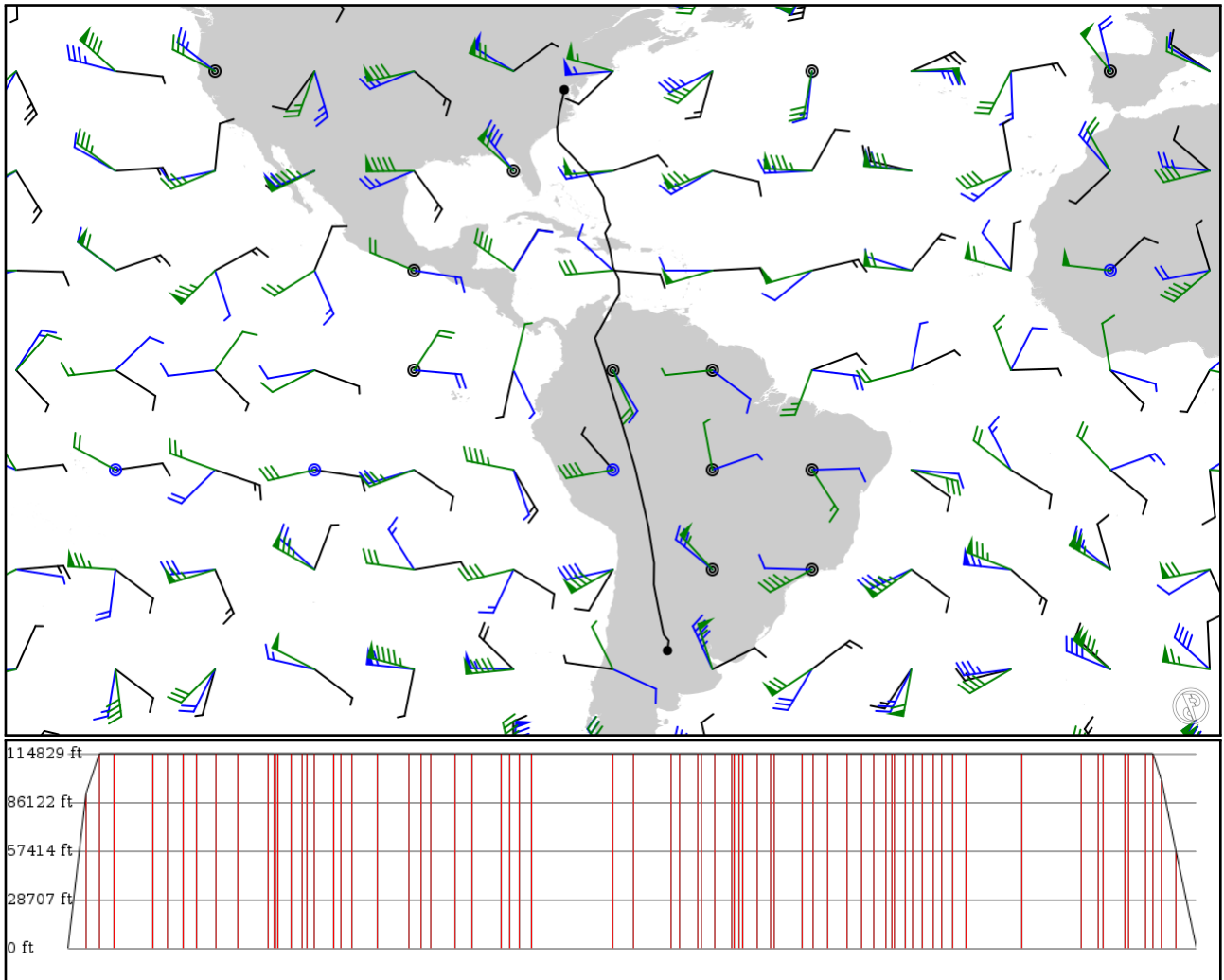
KDCA

Ronald Reagan Airport

2024/05/20 1903Z

SA19 SIMES **UW15** CBA **UN525** DONKA **W5** TUC **UN525** MOSGO **W2** NEGAX **UN525** RCO **UL417** PUKEN PIE **UW34** CUC
UW1 ENPUT **UG431** STB **A567** NOREX **UA567** DUSAN **UA315** VESKA **T12** BEXIL **UT12** RETAK BOTES **G444** GTK GTK
L450 FOLLE **G504** IORIO **G431** LETON **L451** JAINS **L375** OLDEY PANAL **AR3** CLB ILM **J40** RIC KDCA

4597.13 nm / 8513.88 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
SA19	-	-33.34860	0 ft	-	Alejandro Roca
APT	-	-63.73000	0 m		
SIMES	-	-32.05140	27,900 ft	78	-
FIX	-	-63.56470	8,504 m		
CBA	UW15	-31.31320	35,000 ft	55	CORDOBA
VOR	AWY-HI	-64.20370	10,668 m		
DONKA	UN525	-30.41110	35,000 ft	55	-
FIX	AWY-HI	-64.39310	10,668 m		
IMBOL	W5	-27.74890	35,000 ft	162	-
FIX	AWY-LO	-64.93170	10,668 m		
TUC	W5	-26.84570	35,000 ft	55	TUCUMAN
VOR	AWY-LO	-65.10850	10,668 m		
PONPI	UN525	-25.75610	35,000 ft	66	-
FIX	AWY-HI	-65.31530	10,668 m		
SAL	UN525	-24.85230	35,000 ft	55	SALTA
VOR	AWY-HI	-65.48390	10,668 m		
NAXET	UN525	-23.55780	35,000 ft	77	-
FIX	AWY-HI	-65.46780	10,668 m		
GESPA	UN525	-22.08830	35,000 ft	88	-
FIX	AWY-HI	-65.45000	10,668 m		
ARUBO	UN525	-20.03310	35,000 ft	124	-
FIX	AWY-HI	-65.77110	10,668 m		
IVSOS	UN525	-19.63810	35,000 ft	23	-
FIX	AWY-HI	-65.83280	10,668 m		
DARLA	UN525	-19.55310	35,000 ft	5	-
FIX	AWY-HI	-65.84610	10,668 m		
BURDO	UN525	-19.37830	35,000 ft	10	-
FIX	AWY-HI	-65.87330	10,668 m		
PAMAR	UN525	-18.49360	35,000 ft	53	-
FIX	AWY-HI	-66.01140	10,668 m		
KIBID	UN525	-17.74030	35,000 ft	45	-
FIX	AWY-HI	-66.12920	10,668 m		
CBA	UN525	-17.42130	35,000 ft	19	COCHABAMBA
VOR	AWY-HI	-66.17890	10,668 m		
MOSGO	UN525	-16.93920	35,000 ft	29	-
FIX	AWY-HI	-66.28890	10,668 m		
NEGAX	W2	-15.65360	35,000 ft	79	-
FIX	AWY-LO	-66.58170	10,668 m		
DIBUG	UN525	-15.18610	35,000 ft	28	-
FIX	AWY-HI	-66.68810	10,668 m		
PAPEK	UN525	-14.48000	35,000 ft	43	-
FIX	AWY-HI	-66.84890	10,668 m		
EDMOT	UN525	-12.80420	35,000 ft	103	-
FIX	AWY-HI	-67.23060	10,668 m		
CITRA	UN525	-10.68970	35,000 ft	130	-
FIX	AWY-HI	-67.71230	10,668 m		
RCO	UN525	-9.87598	35,000 ft	50	RIO BRANCO
VOR	AWY-HI	-67.90540	10,668 m		
ESBUK	UL417	-9.22983	35,000 ft	40	-
FIX	AWY-HI	-68.08800	10,668 m		
ARTIK	UL417	-7.62550	35,000 ft	100	-
FIX	AWY-HI	-68.56650	10,668 m		
PUDBU	UL417	-6.56167	35,000 ft	66	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-68.88050	10,668 m		
TENUG	UL417	-4.69100	35,000 ft	117	-
FIX	AWY-HI	-69.43270	10,668 m		
EPLAG	UL417	-4.14100	35,000 ft	34	-
FIX	AWY-HI	-69.59770	10,668 m		
ARUXA	UL417	-3.48233	35,000 ft	41	-
FIX	AWY-HI	-69.79500	10,668 m		
PABON	UL417	-2.71194	35,000 ft	48	-
FIX	AWY-HI	-70.02140	10,668 m		
BUTAN	UL417	2.55944	35,000 ft	332	-
FIX	AWY-HI	-71.70110	10,668 m		
LONAX	UL417	3.93361	35,000 ft	86	-
FIX	AWY-HI	-72.13970	10,668 m		
PUKEN	UL417	6.29139	35,000 ft	148	-
FIX	AWY-HI	-72.89560	10,668 m		
PIE	-	6.88389	35,000 ft	37	PIEDRECUESTA
VOR	-	-73.09190	10,668 m		
CUC	UW34	7.93361	35,000 ft	71	CUCUTA
VOR	AWY-HI	-72.51390	10,668 m		
ENPUT	UW1	8.20639	35,000 ft	18	-
FIX	AWY-HI	-72.37360	10,668 m		
STB	UG431	8.98081	35,000 ft	53	SANTA BARBARA DEL ZULIA
VOR	AWY-HI	-71.94020	10,668 m		
BATEY	A567	9.97444	35,000 ft	67	-
FIX	AWY-LO	-71.40810	10,668 m		
TEGER	A567	10.17830	35,000 ft	13	-
FIX	AWY-LO	-71.31080	10,668 m		
GIDOX	A567	10.45140	35,000 ft	18	-
FIX	AWY-LO	-71.16700	10,668 m		
MAU	A567	10.68820	35,000 ft	16	MENE MAUROA
VOR	AWY-LO	-71.04180	10,668 m		
CAUCA	A567	11.47530	35,000 ft	55	-
FIX	AWY-LO	-70.56080	10,668 m		
NOREX	A567	12.31140	35,000 ft	58	-
FIX	AWY-LO	-70.06200	10,668 m		
ABA	UA567	12.50570	35,000 ft	13	ARUBA
VOR	AWY-HI	-69.94310	10,668 m		
DUSAN	UA567	14.39700	35,000 ft	113	-
FIX	AWY-HI	-70.00950	10,668 m		
PENKO	UA315	15.08420	35,000 ft	44	-
FIX	AWY-HI	-70.31790	10,668 m		
VESKA	UA315	16.00000	35,000 ft	60	-
FIX	AWY-HI	-70.75000	10,668 m		
RAGUS	T12	17.24420	35,000 ft	75	-
FIX	AWY-LO	-70.95860	10,668 m		
BEXIL	T12	18.25450	35,000 ft	61	-
FIX	AWY-LO	-71.13020	10,668 m		
BEPAL	UT12	19.02310	35,000 ft	47	-
FIX	AWY-HI	-71.35110	10,668 m		
AVASO	UT12	19.86280	35,000 ft	52	-
FIX	AWY-HI	-71.59470	10,668 m		
RETAK	UT12	20.19500	35,000 ft	20	-
FIX	AWY-HI	-71.69170	10,668 m		
BOTES	-	20.41670	35,000 ft	14	-
FIX	-	-71.77500	10,668 m		
SAAKO	G444	21.06100	35,000 ft	44	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-71.38910	10,668 m		
GTK	G444	21.44000	35,000 ft	26	GRAND TURK
VOR	AWY-HI	-71.13500	10,668 m		
GTK	-	21.44070	35,000 ft	0	GRAND TURK VORTAC
DME	-	-71.13440	10,668 m		
JEFFO	L450	22.11190	35,000 ft	42	-
FIX	AWY-HI	-71.35630	10,668 m		
FOLLE	L450	22.80190	35,000 ft	43	-
FIX	AWY-HI	-71.58170	10,668 m		
COUKY	G504	23.36200	35,000 ft	35	-
FIX	AWY-HI	-71.77580	10,668 m		
IORIO	G504	24.09980	35,000 ft	44	-
FIX	AWY-HI	-71.87350	10,668 m		
LETON	G431	25.00000	35,000 ft	54	-
FIX	AWY-HI	-71.99410	10,668 m		
ILIDO	L451	28.24460	35,000 ft	225	-
FIX	AWY-HI	-74.12390	10,668 m		
JAINS	L451	31.35560	35,000 ft	239	-
FIX	AWY-HI	-77.00000	10,668 m		
OLDEY	L375	32.26230	35,000 ft	69	-
FIX	AWY-HI	-77.85380	10,668 m		
PANAL	-	32.60910	35,000 ft	20	-
FIX	-	-77.87580	10,668 m		
CLB	AR3	34.10630	35,000 ft	90	CAROLINA BEACH
NDB	AWY-HI	-77.96140	10,668 m		
ILM	-	34.35160	35,000 ft	15	WILMINGTON
VOR	-	-77.87440	10,668 m		
TILTZ	J40	35.45450	35,000 ft	66	-
FIX	AWY-HI	-77.75930	10,668 m		
TYI	J40	35.97670	35,000 ft	31	TAR RIVER (ROCKY MOUNT)
VOR	AWY-HI	-77.70370	10,668 m		
JAGEM	J40	36.53310	30,300 ft	34	-
FIX	AWY-HI	-77.56570	9,235 m		
RIC	J40	37.50230	17,500 ft	59	RICHMOND
VOR	AWY-HI	-77.32030	5,334 m		
KDCA	-	38.85140	0 ft	82	Ronald Reagan Airport
APT	-	-77.03770	0 m		

KDCA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 15 ft / 5 m
Location: 38.851400 -77.037700
Magnetic Var: 10.880 W

METAR

KDCA 201800Z 09004KT 10SM FEW023 SCT190 BKN250 23/16 A3004 RMK A02 T02280161

TAF

KDCA 201735Z 2018/2124 11003KT P6SM SCT022 BKN250 FM202200 13006KT P6SM SCT060 BKN250 FM210300 18005KT P6SM FEW250

Frequencies

REC - 132.65 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 128.25 MHz - CLEARANCE DELIVERY	GND - 121.70 MHz - WASHINGTON GROUND
TWR - 119.10 MHz - WASHINGTON TOWER	TWR - 134.35 MHz - WASHINGTON TOWER
APP - 119.85 MHz - POTOMAC APPROACH	APP - 124.20 MHz - POTOMAC APPROACH
APP - 124.70 MHz - POTOMAC APPROACH	DEP - 118.95 MHz - POTOMAC DEPARTURE
DEP - 125.65 MHz - POTOMAC DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	7,183 ft	355.53	ASPHALT	0 ft	200 ft
	46 m	2,190 m	6.41		0 m	61 m
19	151 ft	7,183 ft	175.53	ASPHALT	0 ft	197 ft
	46 m	2,190 m	186.41		0 m	60 m
15	151 ft	5,205 ft	142.76	ASPHALT	0 ft	413 ft
	46 m	1,587 m	153.64		0 m	126 m
33	151 ft	5,205 ft	322.77	ASPHALT	0 ft	180 ft
	46 m	1,587 m	333.65		0 m	55 m
04	151 ft	5,009 ft	25.45	ASPHALT	203 ft	0 ft
	46 m	1,527 m	36.33		62 m	0 m
22	151 ft	5,009 ft	205.46	ASPHALT	0 ft	381 ft
	46 m	1,527 m	216.34		0 m	116 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IDCA	109.90 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
19	DME	IVWH	108.50 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
01	LOC-ILS	IDCA	109.90 MHz	18 nm	355.51	-	15 ft
				33 km	6.39		15 m
01	GS	IDCA	109.90 MHz	10 nm	355.51	3.00	15 ft
				19 km	6.39		15 m