KCRQ
Mc Clellan Palomar

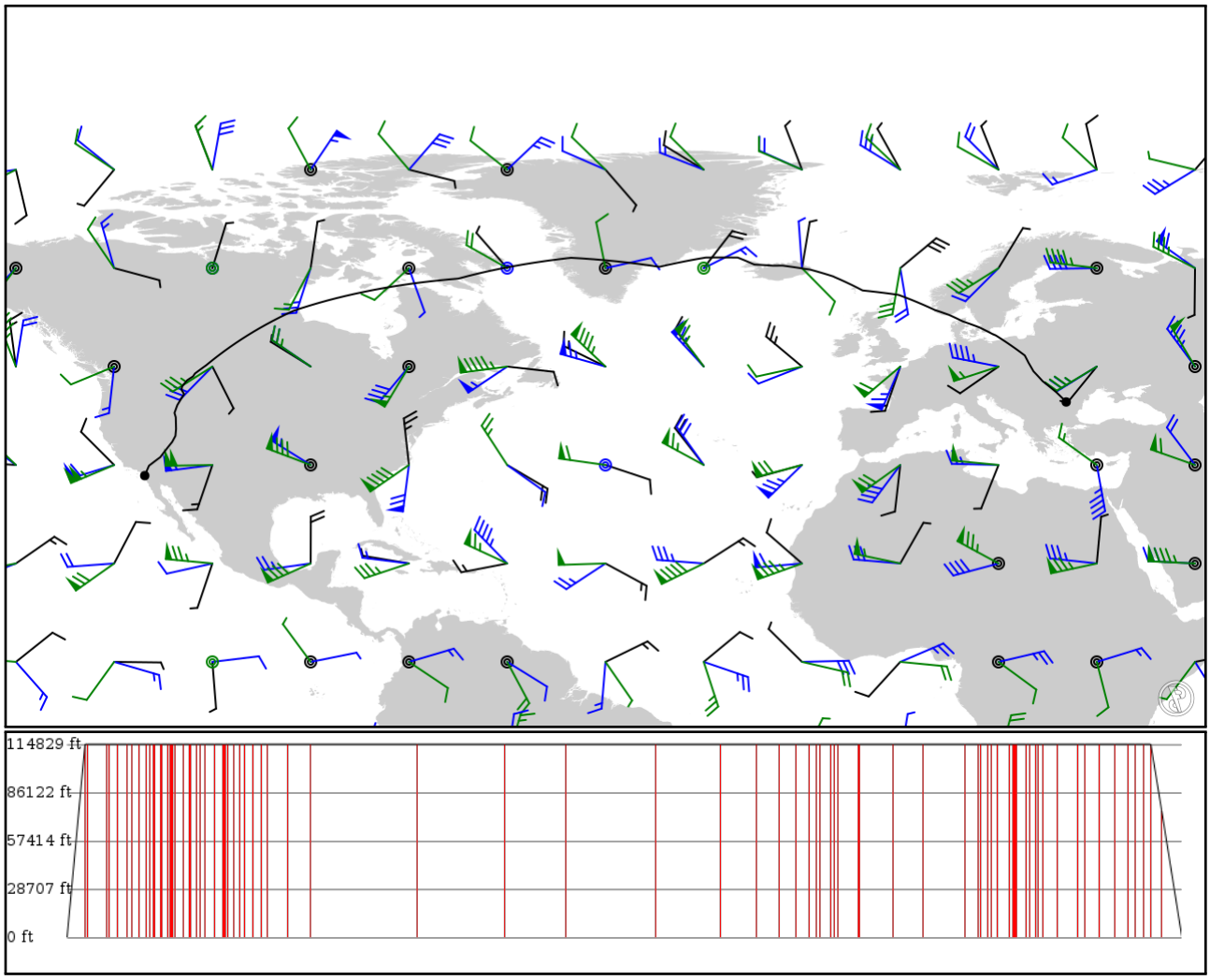
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LROP
Bucarest Otopeni Intl

2024/03/29 0110Z

KCRQ BULGY **V21** HEC **J107** BLD **V21** DTA **V257** MLD **V21** PIH **V257** DBS **V343** BZN **V365** SWEDD **V536** URELE KAVMY SHONK HVR GGRBI **J530** YYN **NCAE** YYQ **N554C** YFB **5E72** DA 6700N03000W 6700N02500W RE **R2** NF KU 6400N01000W CONNY **G3** VALDI **UL621** LAREM **L621** SVA **UL621** AMSEV **L621** REDFI **N983** LDZ **UN133** LENOV **UL619** KENIN **L619** LARMU **UL619** DEMUN LROP

5927.81 nm / 10978.30 km



Notes

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 40000ft
- 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
KCRQ APT	– –	33.12827 -117.27997	0 ft 0 m	–	Mc Clellan Palomar
BULGY FIX	– –	34.66782 -116.62194	35,000 ft 10,668 m	98	–
HEC VOR	V21 AWY-LO	34.79703 -116.46292	35,000 ft 10,668 m	11	HECTOR VORTAC
BLD DME	J107 AWY-HI	35.99579 -114.86358	35,000 ft 10,668 m	106	BOULDER CITY VORTAC
LAPIN FIX	V21 AWY-LO	36.13006 -114.76282	35,000 ft 10,668 m	9	–
MMM DME	V21 AWY-LO	36.76928 -114.27747	35,000 ft 10,668 m	44	MORMON MESA VORTAC
URIAH FIX	V21 AWY-LO	37.50285 -113.70265	35,000 ft 10,668 m	51	–
BERYL FIX	V21 AWY-LO	37.90005 -113.38572	35,000 ft 10,668 m	28	–
MLF VOR	V21 AWY-LO	38.36036 -113.01322	35,000 ft 10,668 m	32	MILFORD VORTAC
ZIBRA FIX	V21 AWY-LO	38.99513 -112.67275	35,000 ft 10,668 m	41	–
DTA VOR	V21 AWY-LO	39.30222 -112.50556	35,000 ft 10,668 m	20	DELTA VORTAC
WADOK FIX	V257 AWY-LO	39.55192 -112.48300	35,000 ft 10,668 m	15	–
LOLIC FIX	V257 AWY-LO	39.71832 -112.46789	35,000 ft 10,668 m	10	–
VERNE FIX	V257 AWY-LO	40.18814 -112.42481	35,000 ft 10,668 m	28	–
ENJAK FIX	V257 AWY-LO	40.35688 -112.40917	35,000 ft 10,668 m	10	–
STACO FIX	V257 AWY-LO	40.82220 -112.41960	35,000 ft 10,668 m	27	–
EMONT FIX	V257 AWY-LO	41.05056 -112.42468	35,000 ft 10,668 m	13	–
RIDEN FIX	V257 AWY-LO	41.14956 -112.42700	35,000 ft 10,668 m	5	–
MOINT FIX	V257 AWY-LO	41.25258 -112.42933	35,000 ft 10,668 m	6	–
KREBS FIX	V257 AWY-LO	41.48879 -112.43471	35,000 ft 10,668 m	14	–
MLD DME	V257 AWY-LO	42.19990 -112.45124	35,000 ft 10,668 m	42	MALAD CITY VOR-DME
BANNO FIX	V21 AWY-LO	42.72035 -112.60687	35,000 ft 10,668 m	32	–
PIH VOR	V21 AWY-LO	42.87039 -112.65222	35,000 ft 10,668 m	9	POCATELLO VOR-DME
ROCCA FIX	V257 AWY-LO	43.40117 -112.46156	35,000 ft 10,668 m	32	–
TERRE FIX	V257 AWY-LO	43.73364 -112.34036	35,000 ft 10,668 m	20	–
DBS VOR	V257 AWY-LO	44.08886 -112.20933	35,000 ft 10,668 m	22	DUBOIS VORTAC
WAIDE	V343	44.84694	35,000 ft	49	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-111.74644	10,668 m		
RANEY	V343	45.51642	35,000 ft	43	-
FIX	AWY-LO	-111.32637	10,668 m		
WOMET	V343	45.61453	35,000 ft	6	-
FIX	AWY-LO	-111.26389	10,668 m		
GATEY	V343	45.66884	35,000 ft	3	-
FIX	AWY-LO	-111.22918	10,668 m		
BZN	V343	45.78389	35,000 ft	7	BOZEMAN VOR-DME
VOR	AWY-LO	-111.15544	10,668 m		
MENAR	V365	45.99079	35,000 ft	13	-
FIX	AWY-LO	-111.27540	10,668 m		
SWEDD	V365	46.44958	35,000 ft	29	-
FIX	AWY-LO	-111.54492	10,668 m		
URELE	V536	46.95894	35,000 ft	30	-
FIX	AWY-LO	-111.47794	10,668 m		
KAVMY	-	47.35061	35,000 ft	26	-
FIX	-	-111.17873	10,668 m		
SHONK	-	47.95644	35,000 ft	41	-
FIX	-	-110.66249	10,668 m		
HVR	-	48.54047	35,000 ft	50	HAVRE VOR-DME
VOR	-	-109.77000	10,668 m		
GGRBI	-	49.00000	35,000 ft	30	-
FIX	-	-109.45800	10,668 m		
YYN	J530	50.29706	35,000 ft	103	SWIFT CURRENT VOR-DME
VOR	AWY-HI	-107.69089	10,668 m		
ELTAX	NCAE	51.95667	35,000 ft	127	-
FIX	AWY-HI	-105.59500	10,668 m		
YYQ	NCAE	58.74175	35,000 ft	563	CHURCHILL VOR-DME
VOR	AWY-HI	-94.13531	10,668 m		
BODRA	N554C	62.28278	35,000 ft	467	-
FIX	AWY-HI	-80.00000	10,668 m		
YFB	N554C	63.74167	35,000 ft	325	FROBAY VOR
VOR	AWY-HI	-68.47333	10,668 m		
SF	5E72	66.96749	35,000 ft	477	SONDRE STROMFJORD NDB
NDB	AWY-HI	-50.94167	10,668 m		
DA	5E72	65.57056	35,000 ft	341	KULUSUK NDB
NDB	AWY-HI	-37.20694	10,668 m		
6700N03000W	-	67.00000	35,000 ft	193	-
LATLON	-	-30.00000	10,668 m		
6700N02500W	-	67.00000	35,000 ft	117	-
LATLON	-	-25.00000	10,668 m		
RE	-	65.92650	35,000 ft	89	REYKJANESSKOLI NDB
NDB	-	-22.43153	10,668 m		
HE	R2	65.75086	35,000 ft	72	HEGRANES NDB
NDB	AWY-LO	-19.51906	10,668 m		
AKI	R2	65.75981	35,000 ft	37	AKUREYRI VOR-DME
VOR	AWY-LO	-18.00411	10,668 m		
TJORN	R2	65.65694	35,000 ft	19	-
FIX	AWY-LO	-17.24389	10,668 m		
FELLI	R2	65.35417	35,000 ft	54	-
FIX	AWY-LO	-15.17389	10,668 m		
ES	R2	65.23847	35,000 ft	19	EGILSSTADIR NDB
NDB	AWY-LO	-14.45203	10,668 m		
NF	R2	65.13444	35,000 ft	19	NORDFJORDUR NDB
NDB	AWY-LO	-13.73639	10,668 m		
KU	-	64.07000	35,000 ft	112	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	-	-10.12182	10,668 m		
6400N01000W	-	64.00000	35,000 ft	5	-
LATLON	-	-10.00000	10,668 m		
CONNY	-	61.90000	35,000 ft	174	-
FIX	-	-5.58333	10,668 m		
VALDI	G3	61.21417	35,000 ft	164	-
FIX	AWY-LO	0.00000	10,668 m		
ZOL	UL621	58.87506	35,000 ft	219	SOLA VOR-DME
VOR	AWY-HI	5.64015	10,668 m		
LAREM	UL621	58.23250	35,000 ft	69	-
FIX	AWY-HI	7.50000	10,668 m		
SVA	L621	58.08450	35,000 ft	15	SVENSHEIA VOR-DME
VOR	AWY-LO	7.90831	10,668 m		
AMSEV	UL621	57.67528	35,000 ft	37	-
FIX	AWY-HI	8.80222	10,668 m		
LAGUM	L621	57.45556	35,000 ft	19	-
FIX	AWY-LO	9.26833	10,668 m		
AAL	L621	57.10372	35,000 ft	31	AALBORG VOR-DME
VOR	AWY-LO	9.99558	10,668 m		
NORTI	L621	56.52444	35,000 ft	63	-
FIX	AWY-LO	11.62556	10,668 m		
MADAG	L621	56.38056	35,000 ft	15	-
FIX	AWY-LO	12.01361	10,668 m		
ROKAM	L621	56.31694	35,000 ft	6	-
FIX	AWY-LO	12.18333	10,668 m		
KULUD	L621	56.26056	35,000 ft	6	-
FIX	AWY-LO	12.33306	10,668 m		
SVD	L621	56.16886	35,000 ft	9	SVEDA VOR-DME
VOR	AWY-LO	12.57378	10,668 m		
MAXUM	L621	55.66125	35,000 ft	46	-
FIX	AWY-LO	13.60400	10,668 m		
ELVIX	L621	55.41186	35,000 ft	22	-
FIX	AWY-LO	14.09422	10,668 m		
ROE	L621	55.06558	35,000 ft	30	RONNE VOR-DME
VOR	AWY-LO	14.75869	10,668 m		
REDFI	L621	54.91667	35,000 ft	15	-
FIX	AWY-LO	15.14056	10,668 m		
ELPOL	N983	54.60639	35,000 ft	25	-
FIX	AWY-LO	15.63389	10,668 m		
MAPEX	N983	53.70611	35,000 ft	72	-
FIX	AWY-LO	17.00361	10,668 m		
AMUTO	N983	52.33333	35,000 ft	108	-
FIX	AWY-LO	18.94583	10,668 m		
LDZ	N983	51.80012	35,000 ft	41	LODZ VOR-DME
VOR	AWY-LO	19.65615	10,668 m		
JED	UN133	50.64732	35,000 ft	72	JEDOW VOR-DME
VOR	AWY-HI	20.25121	10,668 m		
LENOV	UN133	49.33639	35,000 ft	84	-
FIX	AWY-HI	21.01028	10,668 m		
KENIN	UL619	48.36139	35,000 ft	68	-
FIX	AWY-HI	21.92731	10,668 m		
KARIL	L619	47.79395	35,000 ft	39	-
FIX	AWY-LO	22.44224	10,668 m		
LARMU	L619	47.25032	35,000 ft	43	-
FIX	AWY-LO	23.13577	10,668 m		
REBLA	UL619	46.76013	35,000 ft	38	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	23.74464	10,668 m		
DEMUN	UL619	46.03483	23,100 ft	56	-
FIX	AWY-HI	24.61853	7,041 m		
LROP	-	44.57216	0 ft	107	Bucarest Otopeni Intl
APT	-	26.10218	0 m		

KCRQ

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 1
Elevation: 331 ft / 101 m
Location: 33.128300 -117.280000
Magnetic Var: 11.069 E

METAR

KCRQ 290053Z 27007KT 10SM BKN011 14/11 A3000 RMK AO2 SLP157 T01440106 $

TAF

TAF AMD KCRQ 290044Z 2901/2924 28006KT P6SM BKN011 FM290130 VRB04KT P6SM SCT011 FM290400 VRB04KT P6SM BKN012 FM290

Frequencies

REC - 120.15 MHz - ATIS
CLD - 134.85 MHz - CLNC DEL
TWR - 118.60 MHz - PALOMAR TOWER
COM - 118.60 MHz - CTAF
GND - 121.80 MHz - PALOMAR GROUND
APP - 127.30 MHz - SOCAL APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	151 ft 46 m	4,889 ft 1,490 m	79.07 68.00	ASPHALT	299 ft 91 m	302 ft 92 m
24	151 ft 46 m	4,889 ft 1,490 m	259.08 248.01	ASPHALT	0 ft 0 m	203 ft 62 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24	DME	ICRQ	108.70 MHz	18 nm 33 km	- -	-	325 ft 325 m
24	LOC-ILS	ICRQ	108.70 MHz	18 nm 33 km	259.07 248.01	-	325 ft 325 m
24	GS	ICRQ	108.70 MHz	10 nm 19 km	259.18 248.11	3.20	319 ft 319 m

LROP

Region: ROMANIA
Timezone: EUROPE/BUCHAREST
Runways: 2

Elevation: 313 ft / 95 m
Location: 44.572300 26.102300
Magnetic Var: 6.278 E

METAR

LROP 290100Z 24006KT CAVOK 08/07 Q1011 NOSIG

TAF

TAF LROP 282300Z 2900/3000 25010KT CAVOK PROB40 TEMPO 2909/2915 26016G26KT BECMG 2915/2917 VRB04KT

Frequencies

REC - 118.50 MHz - OTOPENI ATIS
TWR - 121.85 MHz - OTOPENI TWR

GND - 121.70 MHz - OTOPENI GND
APP - 118.25 MHz - BUCHAREST APP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08R	148 ft 45 m	11,494 ft 3,503 m	83.90 77.62	ASPHALT	0 ft 0 m	0 ft 0 m
26L	148 ft 45 m	11,494 ft 3,503 m	263.93 257.65	ASPHALT	0 ft 0 m	0 ft 0 m
08L	148 ft 45 m	11,493 ft 3,503 m	83.91 77.63	ASPHALT	0 ft 0 m	0 ft 0 m
26R	148 ft 45 m	11,493 ft 3,503 m	263.94 257.66	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	ILL	110.90 MHz	18 nm 33 km	- -	-	400 ft 400 m
08R	DME	IOP	110.30 MHz	18 nm 33 km	- -	-	400 ft 400 m
26L	DME	IOE	109.10 MHz	18 nm 33 km	- -	-	314 ft 314 m
26R	DME	IRR	110.70 MHz	18 nm 33 km	- -	-	400 ft 400 m
08L	LOC-ILS	ILL	110.90 MHz	18 nm 33 km	83.74 77.46	-	314 ft 314 m
08R	LOC-ILS	IOP	110.30 MHz	18 nm 33 km	83.74 77.46	-	303 ft 303 m
26L	LOC-ILS	IOE	109.10 MHz	18 nm 33 km	264.11 257.83	-	314 ft 314 m
26R	LOC-ILS	IRR	110.70 MHz	18 nm 33 km	264.12 257.84	-	314 ft 314 m
08L	GS	ILL	110.90 MHz	10 nm 19 km	84.84 78.56	3.00	314 ft 314 m
08R	GS	IOP	110.30 MHz	10 nm 19 km	84.81 78.53	2.70	314 ft 314 m
26L	GS	IOE	109.10 MHz	10 nm 19 km	264.81 258.53	2.70	303 ft 303 m
26R	GS	IRR	110.70 MHz	10 nm 19 km	264.84 258.56	3.00	314 ft 314 m