

KRDU

Raleigh Durham Intl

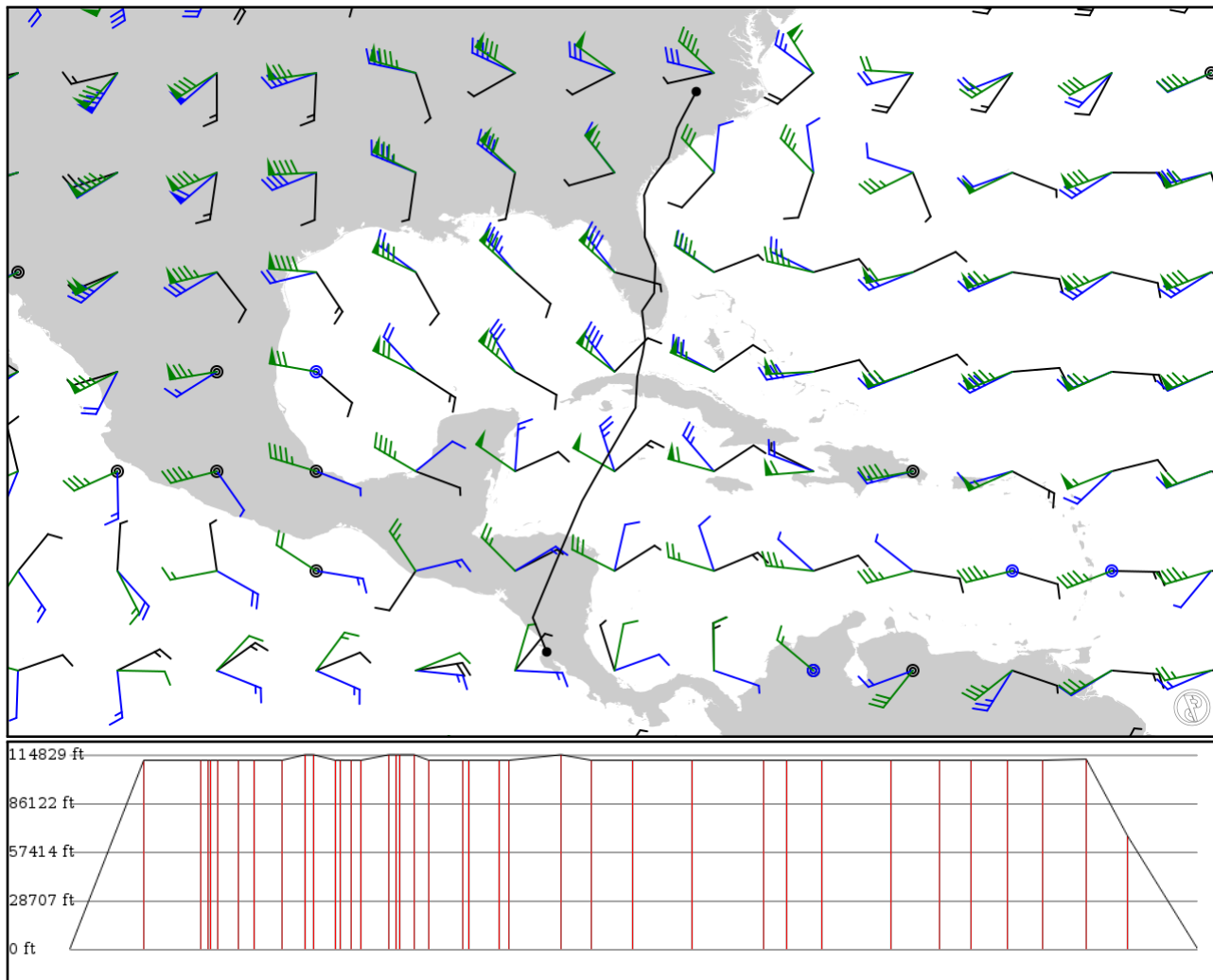
MRLB

Daniel Oduber Quiros Intl

2024/05/23 1109Z

KRDU FLO J55 CHS V1 STARY V437 OMN J79 MALET V3 MLB V437 PHK V601 DEEDS B9 MTH G448 UCL G439 MGA
MRLB

1626.87 nm / 3012.96 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
KRDU APT	-	35.87586 -78.78560	0 ft 0 m	-	Raleigh Durham Intl
FLO VOR	-	34.23297 -79.65717	34,000 ft 10,363 m	107	FLORENCE VORTAC
CHS VOR	J55 AWY-HI	32.89431 -80.03781	34,000 ft 10,363 m	82	CHARLESTON VORTAC
COTAK FIX	V1 AWY-LO	32.75583 -80.14833	34,000 ft 10,363 m	10	-
ROOFS FIX	V1 AWY-LO	32.70459 -80.18909	34,000 ft 10,363 m	3	-
BASSO FIX	V1 AWY-LO	32.54887 -80.31269	34,000 ft 10,363 m	11	-
RUBYS FIX	V1 AWY-LO	32.14531 -80.63053	34,000 ft 10,363 m	29	-
TYBEE FIX	V1 AWY-LO	31.83806 -80.87022	34,000 ft 10,363 m	22	-
STARY FIX	V1 AWY-LO	31.20131 -81.14458	34,000 ft 10,363 m	40	-
HOTAR FIX	V437 AWY-LO	30.63981 -81.11270	35,000 ft 10,668 m	33	-
SUBER FIX	V437 AWY-LO	30.45680 -81.11263	35,000 ft 10,668 m	10	-
JETSO FIX	V437 AWY-LO	29.90892 -81.11269	34,000 ft 10,363 m	32	-
COBOK FIX	V437 AWY-LO	29.80848 -81.11270	34,000 ft 10,363 m	6	-
COKES FIX	V437 AWY-LO	29.55493 -81.11270	34,000 ft 10,363 m	15	-
OMN DME	V437 AWY-LO	29.30325 -81.11270	34,000 ft 10,363 m	15	ORMOND BEACH VORTAC
MALET FIX	J79 AWY-HI	28.69164 -80.86786	35,000 ft 10,668 m	38	-
TICCO FIX	V3 AWY-LO	28.51681 -80.79800	35,000 ft 10,668 m	11	-
INDIA FIX	V3 AWY-LO	28.43450 -80.76535	35,000 ft 10,668 m	5	-
MLB VOR	V3 AWY-LO	28.10528 -80.63533	35,000 ft 10,668 m	20	MELBOURNE VOR-DME
SMERE FIX	V437 AWY-LO	27.74819 -80.65062	34,000 ft 10,363 m	21	-
MODEE FIX	V437 AWY-LO	26.94980 -80.68442	34,000 ft 10,363 m	47	-
PHK VOR	V437 AWY-LO	26.78275 -80.69144	34,000 ft 10,363 m	10	PAHOKEE VORTAC
SWAGS FIX	V601 AWY-LO	26.17697 -81.09997	34,000 ft 10,363 m	42	-
DEEDS FIX	V601 AWY-LO	25.97786 -81.23322	34,000 ft 10,363 m	13	-
MTH NDB	B9 AWY-LO	24.71189 -81.09531	35,000 ft 10,668 m	76	MARATHON NDB
TADPO FIX	G448 AWY-LO	24.00044 -81.21700	34,000 ft 10,363 m	43	-
UVA	G448	23.02469	34,000 ft	60	VARDER VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-81.45358	10,363 m		
UCL	G448	21.60503	34,000 ft	85	CAYO LARGO DEL SU VOR-DME
VOR	AWY-LO	-81.53269	10,363 m		
SELEK	G439	20.09472	34,000 ft	103	-
FIX	AWY-LO	-82.41528	10,363 m		
NAPRA	G439	19.60222	34,000 ft	33	-
FIX	AWY-LO	-82.69944	10,363 m		
SEKIN	G439	18.87833	34,000 ft	49	-
FIX	AWY-LO	-83.11500	10,363 m		
CISNE	G439	17.40000	34,000 ft	100	-
FIX	AWY-LO	-83.95000	10,363 m		
LERIK	G439	16.34028	34,000 ft	68	-
FIX	AWY-LO	-84.40778	10,363 m		
DAVRO	G439	15.62361	34,000 ft	46	-
FIX	AWY-LO	-84.71472	10,363 m		
KARET	G439	14.80972	34,000 ft	52	-
FIX	AWY-LO	-85.06000	10,363 m		
PERSI	G439	14.04389	34,000 ft	49	-
FIX	AWY-LO	-85.38250	10,363 m		
RAKEL	G439	13.06556	34,200 ft	63	-
FIX	AWY-LO	-85.79111	10,424 m		
MGA	G439	12.13972	20,400 ft	59	MANAGUA VOR-DME
VOR	AWY-LO	-86.17422	6,218 m		
MRLB	-	10.59329	0 ft	100	Daniel Oduber Quiros Intl
APT	-	-85.54441	0 m		

KRDU

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

Elevation: 435 ft / 133 m
Location: 35.875900 -78.785600
Magnetic Var: 9.443 W

METAR

KRDU 230951Z 22009KT 10SM SCT170 BKN250 21/16 A2999 RMK A02 SLP149 T02110161

TAF

KRDU 230527Z 2306/2406 22005KT P6SM SCT250 FM232100 26008KT P6SM VCTS SCT050CB BKN150 TEMPO 2322/2401 30010G20KT

Frequencies

REC - 123.80 MHz - ATIS	CLD - 120.10 MHz - CLEARANCE DELIVERY
GND - 121.70 MHz - RALEIGH GROUND	GND - 121.90 MHz - RALEIGH GROUND
GND - 130.17 MHz - RAMP CONTROL TERMINAL 2	TWR - 119.30 MHz - RALEIGH TOWER
TWR - 127.45 MHz - RALEIGH TOWER	APP - 127.67 MHz - RALEIGH APPROACH
DEP - 132.35 MHz - RALEIGH DEPARTURE	DEP - 125.30 MHz - RALEIGH DEPARTURE
COM - 122.95 MHz - RALEIGH UNICOM	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	98 ft	3,573 ft	135.28	ASPHALT	0 ft	0 ft
	30 m	1,089 m	144.72		0 m	0 m
32	98 ft	3,573 ft	315.28	ASPHALT	0 ft	0 ft
	30 m	1,089 m	324.72		0 m	0 m
05R	151 ft	7,507 ft	45.02	ASPHALT	0 ft	197 ft
	46 m	2,288 m	54.46		0 m	60 m
23L	151 ft	7,507 ft	225.03	ASPHALT	0 ft	197 ft
	46 m	2,288 m	234.47		0 m	60 m
05L	151 ft	10,010 ft	45.02	CONCRETE	0 ft	197 ft
	46 m	3,051 m	54.47		0 m	60 m
23R	151 ft	10,010 ft	225.04	CONCRETE	0 ft	194 ft
	46 m	3,051 m	234.48		0 m	59 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IGKK	109.10 MHz	18 nm	-	-	411 ft
				33 km	-		411 m
23R	DME	IDMP	111.70 MHz	18 nm	-	-	435 ft
				33 km	-		435 m
05L	LOC-ILS	IGKK	109.10 MHz	18 nm	45.03	-	435 ft
				33 km	54.47		435 m
05R	LOC-ILS	IRDU	109.50 MHz	18 nm	45.03	-	435 ft
				33 km	54.47		435 m
23L	LOC-ILS	ILEI	108.50 MHz	18 nm	225.03	-	435 ft
				33 km	234.47		435 m
23R	LOC-ILS	IDMP	111.70 MHz	18 nm	225.03	-	435 ft
				33 km	234.47		435 m
05L	GS	IGKK	109.10 MHz	10 nm	45.03	3.00	435 ft
				19 km	54.47		435 m
05R	GS	IRDU	109.50 MHz	10 nm	45.03	3.00	435 ft
				19 km	54.47		435 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
23L	GS	ILEI	108.50 MHz	10 nm	225.03	3.00	435 ft
				19 km	234.47		435 m
23R	GS	IDMP	111.70 MHz	10 nm	225.03	3.00	435 ft
				19 km	234.47		435 m