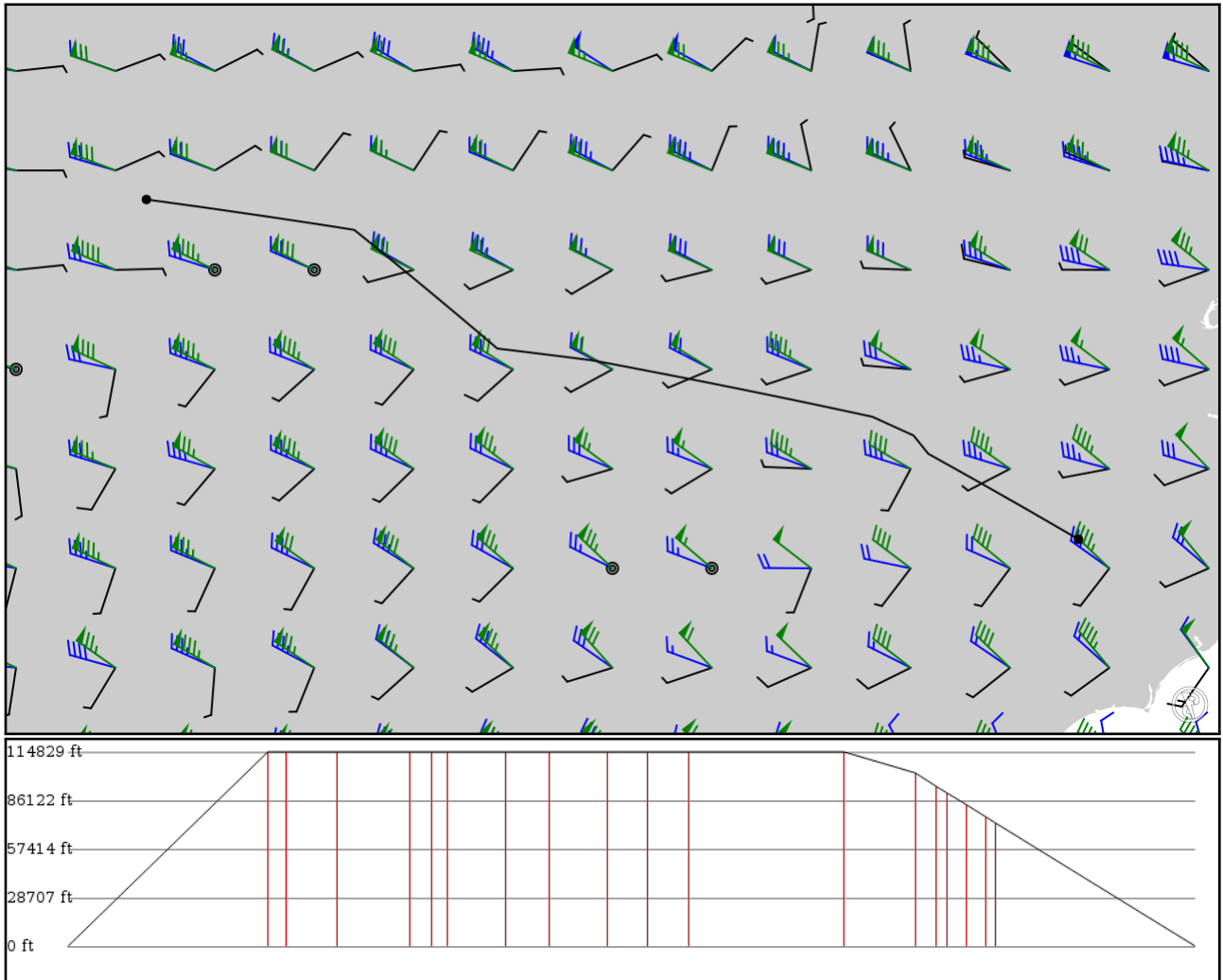


2024/06/15 2238Z

KSPI ORLEY **V50** TTH **V171** IIU **V4** HYK **V178** BLF **V45** WILIZ KRDU

587.96 nm / 1088.91 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
KSPI	-	39.84410	0 ft	-	Springfield
APT	-	-89.67830	0 m		
ORLEY	-	39.52290	35,000 ft	104	-
FIX	-	-87.45980	10,668 m		
TTH	V50	39.48890	35,000 ft	9	TERRE HAUTE
VOR	AWY-LO	-87.24900	10,668 m		
SCOTO	V171	39.16910	35,000 ft	26	-
FIX	AWY-LO	-86.85470	10,668 m		
FRIZN	V171	38.71310	35,000 ft	37	-
FIX	AWY-LO	-86.30130	10,668 m		
HONOS	V171	38.57200	35,000 ft	11	-
FIX	AWY-LO	-86.13210	10,668 m		
MAIZE	V171	38.47450	35,000 ft	8	-
FIX	AWY-LO	-86.01590	10,668 m		
IIU	V171	38.10350	35,000 ft	30	LOUISVILLE
VOR	AWY-LO	-85.57740	10,668 m		
FEDRA	V4	38.04570	35,000 ft	22	-
FIX	AWY-LO	-85.10050	10,668 m		
HYK	V4	37.96640	35,000 ft	30	LEXINGTON
VOR	AWY-LO	-84.47250	10,668 m		
LOGIC	V178	37.88410	35,000 ft	21	-
FIX	AWY-LO	-84.03380	10,668 m		
TRENT	V178	37.80050	35,000 ft	21	-
FIX	AWY-LO	-83.59900	10,668 m		
SLINK	V178	37.46780	35,000 ft	80	-
FIX	AWY-LO	-81.95030	10,668 m		
BLF	V178	37.30640	31,200 ft	37	BLUEFIELD
VOR	AWY-LO	-81.19430	9,510 m		
HECKE	V45	37.21600	28,800 ft	10	-
FIX	AWY-LO	-80.99440	8,778 m		
ERATH	V45	37.17030	27,600 ft	5	-
FIX	AWY-LO	-80.89400	8,412 m		
PSK	V45	37.08770	25,500 ft	9	PULASKI (DUBLIN)
VOR	AWY-LO	-80.71290	7,772 m		
NANKY	V45	36.94750	23,300 ft	10	-
FIX	AWY-LO	-80.60000	7,102 m		
WILIZ	V45	36.87500	22,200 ft	5	-
FIX	AWY-LO	-80.54170	6,767 m		
KRDU	-	35.87590	0 ft	103	Raleigh Durham Intl
APT	-	-78.78560	0 m		

KSPI

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

Elevation: 597 ft / 182 m
Location: 39.844100 -89.678300
Magnetic Var: 2.568 W

METAR

KSPI 152152Z 09009KT 10SM CLR 31/12 A2999 RMK A02 SLP150 T03110122

TAF

KSPI 151734Z 1518/1618 16008KT P6SM OVC250 FM160200 15010KT P6SM SCT250 FM161400 18010G18KT P6SM SCT050 BKN250

Frequencies

REC - 127.65 MHz - ATIS/ASOS
GND - 121.90 MHz - GROUND
COM - 122.95 MHz - UNICOM

CLD - 121.70 MHz - SPRINGFIELD CLEARANCE
TWR - 121.30 MHz - TOWER/CTAF
APP - 126.15 MHz -
SPRINGFIELD DEP/KANSAS CITY CENTER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	150 ft	8,001 ft	41.51	CONCRETE	0 ft	1,001 ft
	46 m	2,439 m	44.08		0 m	305 m
22	150 ft	8,001 ft	221.52	CONCRETE	0 ft	151 ft
	46 m	2,439 m	224.09		0 m	46 m
13	150 ft	7,394 ft	126.70	ASPHALT	600 ft	597 ft
	46 m	2,254 m	129.27		183 m	182 m
31	150 ft	7,394 ft	306.72	ASPHALT	0 ft	200 ft
	46 m	2,254 m	309.29		0 m	61 m
18	150 ft	5,310 ft	181.24	ASPHALT	0 ft	0 ft
	46 m	1,618 m	183.81		0 m	0 m
36	150 ft	5,310 ft	1.24	ASPHALT	0 ft	0 ft
	46 m	1,618 m	3.81		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04	LOC-ILS	ISPI	109.50 MHz	18 nm	41.52	-	597 ft
				33 km	44.09		597 m
22	LOC-ILS	ILQY	111.70 MHz	18 nm	221.52	-	587 ft
				33 km	224.09		587 m
31	LOC-ILS	ICJF	110.15 MHz	18 nm	306.71	-	597 ft
				33 km	309.28		597 m
04	GS	ISPI	109.50 MHz	10 nm	41.52	3.00	597 ft
				19 km	44.09		597 m
22	GS	ILQY	111.70 MHz	10 nm	221.52	3.00	597 ft
				19 km	224.09		597 m
31	GS	ICJF	110.15 MHz	10 nm	306.71	3.00	597 ft
				19 km	309.28		597 m

KRDU

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

Elevation: 435 ft / 133 m
Location: 35.875900 -78.785600
Magnetic Var: 9.445 W

METAR

KRDU 152151Z 02006KT 10SM FEW060 33/14 A3001 RMK A02 SLP156 T03330139

TAF

TAF KRDU 151720Z 1518/1618 05007KT P6SM FEW060 FEW070

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	324.73		0 m	0 m
05R	151 ft	7,507 ft	45.02	ASPHALT	0 ft	197 ft
	46 m	2,288 m	54.47		0 m	60 m
23L	151 ft	7,507 ft	225.03	ASPHALT	0 ft	197 ft
	46 m	2,288 m	234.48		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	54.48		435 m
05R	LOC-ILS	IRDU	109.50 MHz	18 nm	45.03	-	435 ft
				33 km	54.48		435 m
23L	LOC-ILS	ILEI	108.50 MHz	18 nm	225.03	-	435 ft
				33 km	234.48		435 m
23R	LOC-ILS	IDMP	111.70 MHz	18 nm	225.03	-	435 ft
				33 km	234.48		435 m
05L	GS	IGKK	109.10 MHz	10 nm	45.03	3.00	435 ft
				19 km	54.48		435 m
05R	GS	IRDU	109.50 MHz	10 nm	45.03	3.00	435 ft
				19 km	54.48		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	234.48		435 m
23R	GS	IDMP	111.70 MHz	10 nm	225.03	3.00	435 ft
				19 km	234.48		435 m