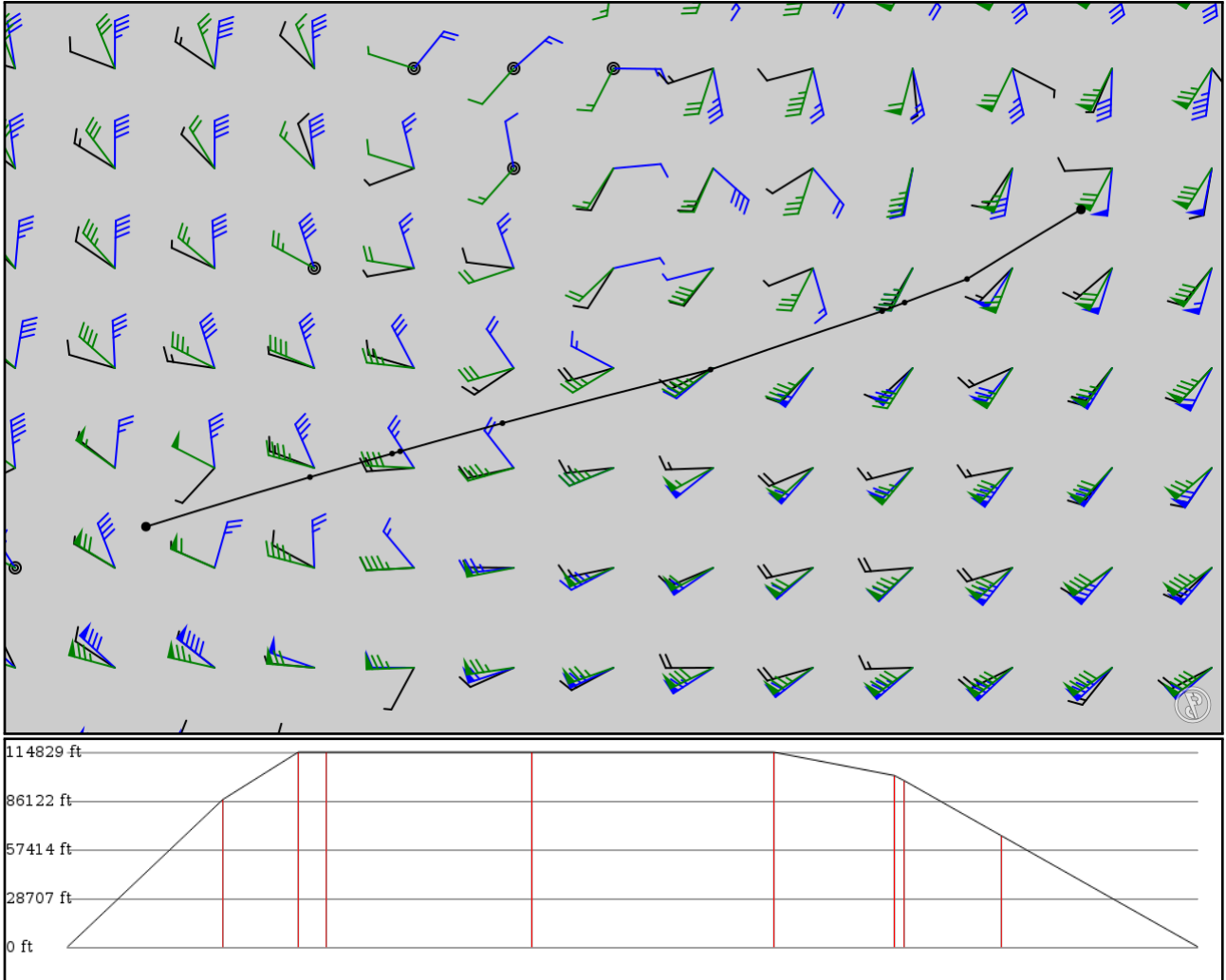


2024/05/23 1552Z

KAPA LOZUL **V160** HBU **J146** NOOTN KLAS

536.53 nm / 993.66 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
KAPA APT	-	39.57010 -104.84800	0 ft 0 m	-	Centennial
LOZUL FIX	-	38.80540 -106.10400	26,500 ft 8,077 m	74	-
SKIPT FIX	V160 AWY-LO	38.54700 -106.79200	35,000 ft 10,668 m	35	-
HBU VOR	V160 AWY-LO	38.45210 -107.04000	35,000 ft 10,668 m	12	BLUE MESA (GUNNISON)
DVC VOR	J146 AWY-HI	37.80870 -108.93100	35,000 ft 10,668 m	97	DOVE CREEK
DICEE FIX	J146 AWY-HI	37.21930 -111.22400	35,000 ft 10,668 m	114	-
FREDD FIX	J146 AWY-HI	36.90940 -112.35100	30,800 ft 9,388 m	57	-
BETHL FIX	J146 AWY-HI	36.88440 -112.44000	29,900 ft 9,114 m	4	-
NOOTN FIX	J146 AWY-HI	36.62570 -113.34500	20,000 ft 6,096 m	46	-
KLAS APT	-	36.08070 -115.15300	0 ft 0 m	93	McCarran Intl

KAPA

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 3

Elevation: 5,884 ft / 1,793 m

Location: 39.570100 -104.848000

Magnetic Var: 7.459 E

METAR

KAPA 231453Z 20013G20KT 10SM FEW100 FEW220 19/M03 A2975 RMK A02 SLP015 T01941033 50001

TAF

KAPA 231127Z 2312/2412 19008KT P6SM FEW200 FM231500 22012KT P6SM FEW150 FM231900 26014G24KT P6SM SCT120 FM240200

Frequencies

REC - 120.30 MHz - ATIS

CLD - 128.60 MHz - CLEARANCE DELIVERY

TWR - 118.90 MHz - CENTENNIAL TOWER

DEP - 132.75 MHz - DENVER DEPARTURE

COM - 122.95 MHz - UNICOM

GND - 121.80 MHz - CENTENNIAL GROUND

APP - 132.75 MHz - DENVER APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17L	100 ft	10,015 ft	177.97	ASPHALT	0 ft	200 ft
	30 m	3,053 m	170.51		0 m	61 m
35R	100 ft	10,015 ft	357.97	ASPHALT	610 ft	194 ft
	30 m	3,053 m	350.51		186 m	59 m
17R	75 ft	7,009 ft	177.98	ASPHALT	0 ft	151 ft
	23 m	2,137 m	170.52		0 m	46 m
35L	75 ft	7,009 ft	357.98	ASPHALT	0 ft	151 ft
	23 m	2,137 m	350.52		0 m	46 m
10	75 ft	4,791 ft	110.99	ASPHALT	400 ft	151 ft
	23 m	1,460 m	103.54		122 m	46 m
28	75 ft	4,791 ft	291.00	ASPHALT	171 ft	148 ft
	23 m	1,460 m	283.55		52 m	45 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	IAPA	111.30 MHz	18 nm	-	-	5,773 ft
				33 km	-		5,773 m
35R	LOC-ILS	IAPA	111.30 MHz	18 nm	357.97	-	5,884 ft
				33 km	350.51		5,884 m
35R	GS	IAPA	111.30 MHz	10 nm	357.97	3.00	5,884 ft
				19 km	350.51		5,884 m

KLAS

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 2,180 ft / 664 m
Location: 36.080700 -115.153000
Magnetic Var: 11.045 E

METAR

KLAS 231456Z 18004KT 10SM CLR 24/00 A2978 RMK A02 SLP060 T02440000 51020

TAF

TAF AMD KLAS 231452Z 2315/2418 20006KT P6SM SKC FM231600 02011KT P6SM SKC FM231900 VRB06KT P6SM FEW150 FM240100 22008KT

Frequencies

REC - 132.40 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.00 MHz - CLEARANCE DELIVERY	GND - 121.10 MHz - LAS VEGAS GROUND
GND - 121.90 MHz - LAS VEGAS GROUND	TWR - 128.80 MHz - LAS VEGAS TOWER
TWR - 118.75 MHz - LAS VEGAS TOWER	TWR - 119.90 MHz - LAS VEGAS TOWER
APP - 125.60 MHz - LAS VEGAS APPROACH	APP - 125.02 MHz - LAS VEGAS APPROACH
DEP - 125.90 MHz - LAS VEGAS DEPARTURE	DEP - 133.95 MHz - LAS VEGAS DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	151 ft	14,525 ft	89.92	CONCRETE	2,152 ft	0 ft
	46 m	4,427 m	78.88		656 m	0 m
26R	151 ft	14,525 ft	269.95	CONCRETE	1,414 ft	374 ft
	46 m	4,427 m	258.91		431 m	114 m
08R	151 ft	10,535 ft	89.92	CONCRETE	0 ft	381 ft
	46 m	3,211 m	78.88		0 m	116 m
26L	151 ft	10,535 ft	269.94	CONCRETE	0 ft	381 ft
	46 m	3,211 m	258.90		0 m	116 m
01R	151 ft	9,779 ft	24.82	CONCRETE	486 ft	400 ft
	46 m	2,981 m	13.78		148 m	122 m
19L	151 ft	9,779 ft	204.83	CONCRETE	876 ft	394 ft
	46 m	2,981 m	193.78		267 m	120 m
01L	151 ft	8,998 ft	24.82	CONCRETE	584 ft	400 ft
	46 m	2,743 m	13.78		178 m	122 m
19R	151 ft	8,998 ft	204.83	CONCRETE	0 ft	0 ft
	46 m	2,743 m	193.79		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	ICUA	110.10 MHz	18 nm	-	-	2,092 ft
				33 km	-		2,092 m
26R	DME	ILAS	110.30 MHz	18 nm	-	-	2,203 ft
				33 km	-		2,203 m
01L	LOC-ILS	ICUA	110.10 MHz	18 nm	24.83	-	2,180 ft
				33 km	13.79		2,180 m
26L	LOC-ILS	IRLE	111.50 MHz	18 nm	269.93	-	2,180 ft
				33 km	258.89		2,180 m
26R	LOC-ILS	ILAS	110.30 MHz	18 nm	269.94	-	2,180 ft
				33 km	258.90		2,180 m
01L	GS	ICUA	110.10 MHz	10 nm	24.83	3.40	2,180 ft
				19 km	13.79		2,180 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	GS	IRLE	111.50 MHz	10 nm	269.93	3.00	2,180 ft
				19 km	258.89		2,180 m
26R	GS	ILAS	110.30 MHz	10 nm	269.94	3.00	2,180 ft
				19 km	258.90		2,180 m