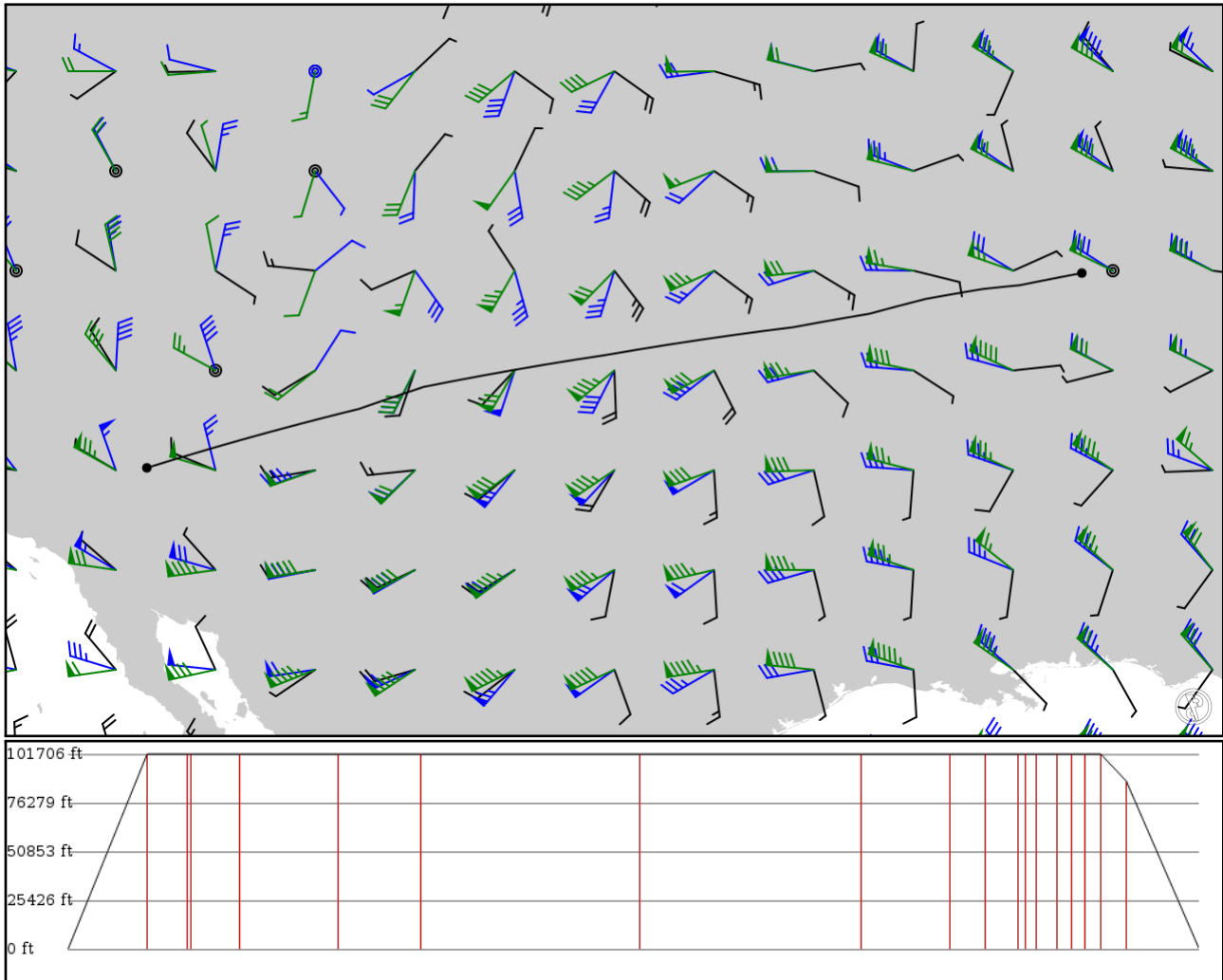


2024/05/10 1333Z

KLAS NOOTN **J146** GLD **J192** PWE **J64** LMN **V216** OTM **V434** MZV **V38** WYNET KMDW

1322.61 nm / 2449.48 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 260kts
- Cruise Altitude: 31000ft
- Cruise Speed: 340kts
- Descent Rate: 1800ft/min
- Descent Speed: 191kts

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
KLAS	-	36.08070	0 ft	-	McCarran Intl
APT	-	-115.15300	0 m		
NOOTN	-	36.62570	31,000 ft	93	-
FIX	-	-113.34500	9,449 m		
BETHL	J146	36.88440	31,000 ft	46	-
FIX	AWY-HI	-112.44000	9,449 m		
FREDD	J146	36.90940	31,000 ft	4	-
FIX	AWY-HI	-112.35100	9,449 m		
DICEE	J146	37.21930	31,000 ft	57	-
FIX	AWY-HI	-111.22400	9,449 m		
DVC	J146	37.80870	31,000 ft	114	DOVE CREEK
VOR	AWY-HI	-108.93100	9,449 m		
HBU	J146	38.45210	31,000 ft	97	BLUE MESA (GUNNISON)
VOR	AWY-HI	-107.04000	9,449 m		
GLD	J146	39.38790	31,000 ft	256	GOODLAND
VOR	AWY-HI	-101.69200	9,449 m		
PWE	J192	40.20040	31,000 ft	257	PAWNEE CITY
VOR	AWY-HI	-96.20630	9,449 m		
LMN	J64	40.59670	31,000 ft	105	LAMONI
VOR	AWY-HI	-93.96760	9,449 m		
OHGEE	V216	40.81830	31,000 ft	39	-
FIX	AWY-LO	-93.14000	9,449 m		
OTM	V216	41.02910	31,000 ft	39	OTTUMWA
VOR	AWY-LO	-92.32590	9,449 m		
VOYUG	V434	41.06180	31,000 ft	8	-
FIX	AWY-LO	-92.14450	9,449 m		
ACKLY	V434	41.10940	31,000 ft	12	-
FIX	AWY-LO	-91.87720	9,449 m		
WAPEL	V434	41.20330	31,000 ft	25	-
FIX	AWY-LO	-91.33810	9,449 m		
POCIN	V434	41.26540	31,000 ft	16	-
FIX	AWY-LO	-90.97170	9,449 m		
MZV	V434	41.32090	31,000 ft	15	MOLINE
VOR	AWY-LO	-90.63820	9,449 m		
GENSO	V38	41.36230	31,000 ft	17	-
FIX	AWY-LO	-90.24810	9,449 m		
WYNET	V38	41.43120	26,700 ft	30	-
FIX	AWY-LO	-89.56660	8,138 m		
KMDW	-	41.78590	0 ft	84	Chicago Midway Intl
APT	-	-87.75250	0 m		

KLAS

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

Elevation: 2,180 ft / 664 m
Location: 36.080700 -115.153000
Magnetic Var: 11.048 E

METAR

KLAS 101256Z 02009KT 10SM FEW200 18/01 A3000 RMK AO2 SLP142 T01830006 \$

TAF

KLAS 101120Z 1012/1118 03008KT P6SM FEW120 FEW200 FM101400 36010KT P6SM FEW120 FEW200 FM101700 02008KT P6SM FEW10

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	78.87		656 m	0 m
26R	151 ft	14,525 ft	269.95	CONCRETE	1,414 ft	374 ft
	46 m	4,427 m	258.90		431 m	114 m
08R	151 ft	10,535 ft	89.92	CONCRETE	0 ft	381 ft
	46 m	3,211 m	78.87		0 m	116 m
26L	151 ft	10,535 ft	269.94	CONCRETE	0 ft	381 ft
	46 m	3,211 m	258.89		0 m	116 m
01R	151 ft	9,779 ft	24.82	CONCRETE	486 ft	400 ft
	46 m	2,981 m	13.77		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	193.78		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	13.78		2,180 m
26L	LOC-ILS	IRLE	111.50 MHz	18 nm	269.93	-	2,180 ft
				33 km	258.88		2,180 m
26R	LOC-ILS	ILAS	110.30 MHz	18 nm	269.94	-	2,180 ft
				33 km	258.89		2,180 m
01L	GS	ICUA	110.10 MHz	10 nm	24.83	3.40	2,180 ft
				19 km	13.78		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	258.88		2,180 m
26R	GS	ILAS	110.30 MHz	10 nm	269.94	3.00	2,180 ft
				19 km	258.89		2,180 m

KMDW

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 5

Elevation: 620 ft / 189 m
Location: 41.785900 -87.752500
Magnetic Var: 4.204 W

METAR

KMDW 101253Z 33005KT 10SM FEW015 BKN110 12/08 A2995 RMK A02 SLP142 T01170083

TAF

TAF KMDW 101120Z 1012/1118 32005KT P6SM SCT060 FM101800 27012KT P6SM BKN050 TEMPO 1104/1106 30020G30KT 6SM -RA OVC050

Frequencies

REC - 132.75 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 124.62 MHz - CLEARANCE DELIVERY	GND - 121.65 MHz - MIDWAY GROUND
TWR - 135.20 MHz - MIDWAY TOWER	DEP - 128.20 MHz - CHICAGO DEPARTURE
APP - 128.20 MHz - CHICAGO APPROACH	APP - 126.05 MHz - CHICAGO APPROACH
DEP - 126.05 MHz - CHICAGO DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13L	150 ft	5,138 ft	133.63	ASPHALT	751 ft	0 ft
	46 m	1,566 m	137.84		229 m	0 m
31R	150 ft	5,138 ft	313.64	ASPHALT	0 ft	0 ft
	46 m	1,566 m	317.85		0 m	0 m
13C	150 ft	6,525 ft	133.65	ASPHALT	466 ft	0 ft
	46 m	1,989 m	137.85		142 m	0 m
31C	150 ft	6,525 ft	313.66	ASPHALT	699 ft	0 ft
	46 m	1,989 m	317.86		213 m	0 m
13R	60 ft	3,858 ft	133.66	ASPHALT	0 ft	331 ft
	18 m	1,176 m	137.87		0 m	101 m
31L	60 ft	3,858 ft	313.67	ASPHALT	0 ft	95 ft
	18 m	1,176 m	317.87		0 m	29 m
04L	150 ft	5,509 ft	43.35	ASPHALT	761 ft	0 ft
	46 m	1,679 m	47.55		232 m	0 m
22R	150 ft	5,509 ft	223.36	ASPHALT	879 ft	0 ft
	46 m	1,679 m	227.56		268 m	0 m
04R	150 ft	6,443 ft	43.36	ASPHALT	518 ft	0 ft
	46 m	1,964 m	47.56		158 m	0 m
22L	150 ft	6,443 ft	223.37	ASPHALT	633 ft	0 ft
	46 m	1,964 m	227.57		193 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13C	DME	IMDW	109.90 MHz	18 nm	-	-	620 ft
				33 km	-		620 m
31C	DME	IMXT	109.90 MHz	18 nm	-	-	620 ft
				33 km	-		620 m
04R	LOC-ILS	IHKH	111.50 MHz	18 nm	43.37	-	620 ft
				33 km	47.57		620 m
13C	LOC-ILS	IMDW	109.90 MHz	18 nm	133.66	-	620 ft
				33 km	137.86		620 m
31C	LOC-ILS	IMXT	109.90 MHz	18 nm	313.66	-	620 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	317.86		620 m
04R	GS	IHKH	111.50 MHz	10 nm	43.37	3.00	620 ft
				19 km	47.57		620 m
13C	GS	IMDW	109.90 MHz	10 nm	133.66	3.00	620 ft
				19 km	137.86		620 m
31C	GS	IMXT	109.90 MHz	10 nm	313.66	3.00	620 ft
				19 km	317.86		620 m