

KCLE

Cleveland Hopkins Intl

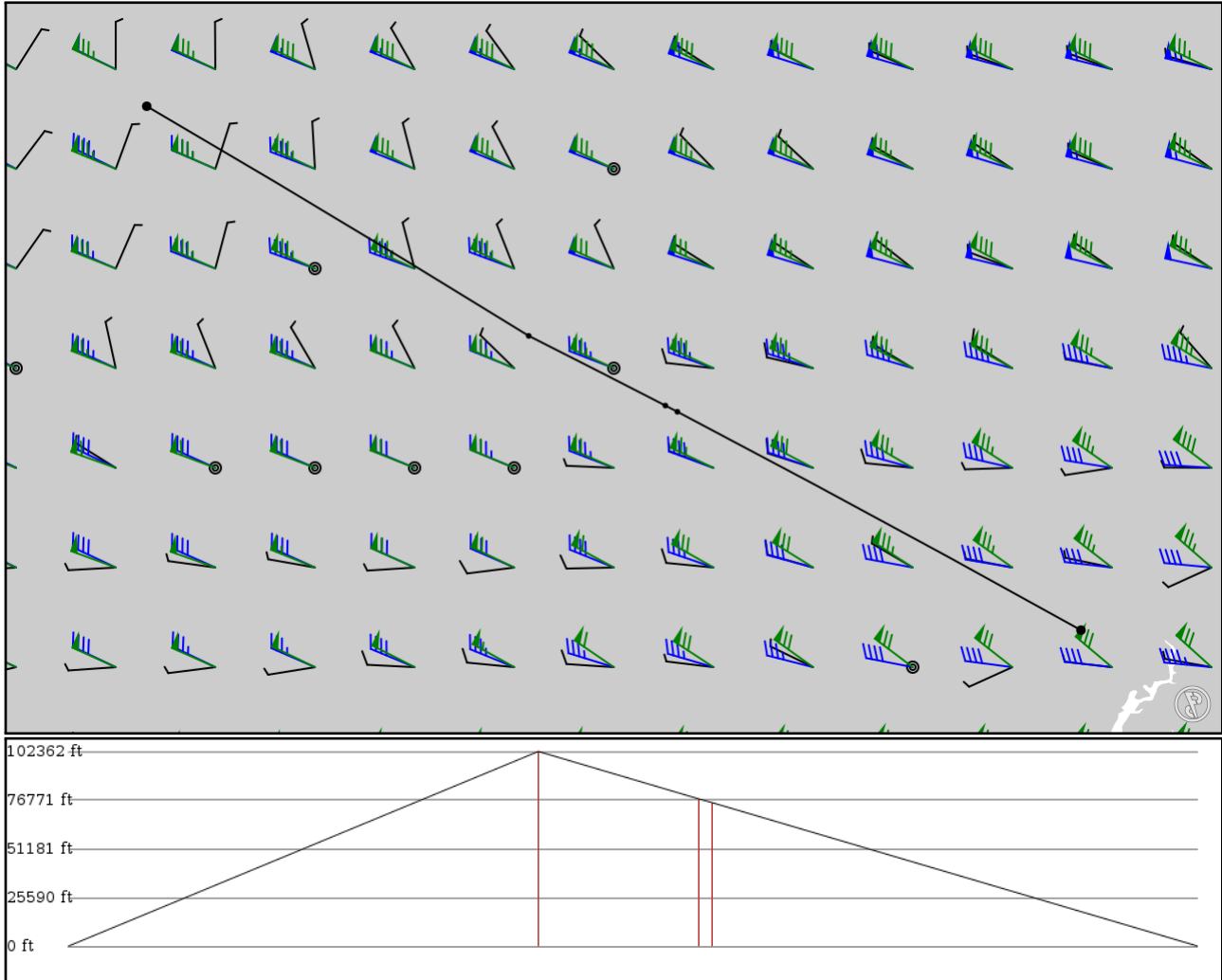
KIAD

Washington Dulles Intl

2024/05/16 0346Z

KCLE AVERE **J518** IHD KIAD

250.19 nm / 463.36 km



Notes

Basic altitude profile:

- Ascent Rate: 2200ft/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
KCLE APT	-	41.41030 -81.85340	0 ft 0 m	-	Cleveland Hopkins Intl
AVERE FIX	-	40.33100 -80.05730	31,200 ft 9,510 m	104	-
LEJOY FIX	J518 AWY-HI	40.00340 -79.41490	23,600 ft 7,193 m	35	-
IHD VOR	J518 AWY-HI	39.97420 -79.35840	23,000 ft 7,010 m	3	INDIAN HEAD
KIAD APT	-	38.94770 -77.46090	0 ft 0 m	107	Washington Dulles Intl

KCLE

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

Elevation: 791 ft / 241 m
Location: 41.410300 -81.853400
Magnetic Var: 8.387 W

METAR

KCLE 160251Z 01007G19KT 10SM FEW250 15/12 A2982 RMK A02 SLP110 T01500122 51011

TAF

KCLE 160256Z 1603/1706 01010G19KT P6SM SCT250 FM160900 02004KT 5SM BR BKN010 FM161000 VRB03KT 1 1/2SM BR BKN003 FM

Frequencies

REC - 127.85 MHz - ATIS
GND - 121.70 MHz - CLEVELAND GROUND
DEP - 118.15 MHz - CLEVELAND DEPARTURE
COM - 122.95 MHz - UNICOM
TWR - 120.90 MHz - CLEVELAND TOWER
APP - 124.00 MHz - CLEVELAND APPROACH
CLD - 125.05 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	151 ft	6,023 ft	93.31	CONCRETE	0 ft	430 ft
	46 m	1,836 m	101.70		0 m	131 m
28	151 ft	6,023 ft	273.33	CONCRETE	0 ft	443 ft
	46 m	1,836 m	281.71		0 m	135 m
06L	151 ft	9,008 ft	49.83	CONCRETE	0 ft	394 ft
	46 m	2,746 m	58.22		0 m	120 m
24R	151 ft	9,008 ft	229.85	CONCRETE	0 ft	203 ft
	46 m	2,746 m	238.24		0 m	62 m
06R	151 ft	9,967 ft	49.84	CONCRETE	1,932 ft	387 ft
	46 m	3,038 m	58.23		589 m	118 m
24L	151 ft	9,967 ft	229.86	CONCRETE	0 ft	203 ft
	46 m	3,038 m	238.25		0 m	62 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	ILIZ	111.55 MHz	18 nm	-	-	783 ft
				33 km	-		783 m
24L	DME	IHPI	109.90 MHz	18 nm	-	-	772 ft
				33 km	-		772 m
24R	DME	IPVY	111.55 MHz	18 nm	-	-	783 ft
				33 km	-		783 m
06L	LOC-ILS	ILIZ	111.55 MHz	18 nm	49.85	-	791 ft
				33 km	58.24		791 m
06R	LOC-ILS	ICLE	111.90 MHz	18 nm	49.86	-	791 ft
				33 km	58.25		791 m
24L	LOC-ILS	IHPI	109.90 MHz	18 nm	229.86	-	791 ft
				33 km	238.25		791 m
24R	LOC-ILS	IPVY	111.55 MHz	18 nm	229.85	-	791 ft
				33 km	238.24		791 m
28	LOC-ILS	IPXP	110.70 MHz	18 nm	273.32	-	791 ft
				33 km	281.71		791 m
06L	GS	ILIZ	111.55 MHz	10 nm	49.85	3.00	791 ft
				19 km	58.24		791 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06R	GS	ICLE	111.90 MHz	10 nm	49.86	3.10	791 ft
				19 km	58.25		791 m
24L	GS	IHPI	109.90 MHz	10 nm	229.86	3.00	791 ft
				19 km	238.25		791 m
24R	GS	IPVY	111.55 MHz	10 nm	229.85	3.00	791 ft
				19 km	238.24		791 m
28	GS	IPXP	110.70 MHz	10 nm	273.32	3.00	791 ft
				19 km	281.71		791 m

KIAD

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

Elevation: 312 ft / 95 m
Location: 38.947700 -77.460900
Magnetic Var: 10.664 W

METAR

KIAD 160252Z 32005KT 10SM SCT035 OVC049 18/15 A2975 RMK A02 SLP073 T01780150 51007

TAF

TAF AMD KIAD 160256Z 1603/1706 32005KT P6SM OVC050 FM160600 35005KT 5SM BR BKN040 FM161100 34007KT P6SM SCT110 FM170000 32005KT P6SM SCT110

Frequencies

COM - 122.95 MHz - UNICOM	REC - 134.85 MHz - D-ATIS
CLD - 135.70 MHz - CLEARANCE DELIVERY	GND - 121.62 MHz - DULLES GROUND
GND - 121.90 MHz - DULLES GROUND	TWR - 120.10 MHz - DULLES TOWER
TWR - 120.25 MHz - DULLES TOWER	TWR - 134.42 MHz - DULLES TOWER
APP - 120.45 MHz - POTOMAC APPROACH	APP - 126.10 MHz - POTOMAC APPROACH
APP - 128.52 MHz - POTOMAC APPROACH	DEP - 126.65 MHz - POTOMAC DEPARTURE
DEP - 125.05 MHz - POTOMAC DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	151 ft	9,408 ft	0.64	CONCRETE	0 ft	404 ft
	46 m	2,868 m	11.30		0 m	123 m
19R	151 ft	9,408 ft	180.64	CONCRETE	0 ft	404 ft
	46 m	2,868 m	191.30		0 m	123 m
01C	151 ft	11,510 ft	0.65	CONCRETE	0 ft	407 ft
	46 m	3,508 m	11.31		0 m	124 m
19C	151 ft	11,510 ft	180.65	CONCRETE	0 ft	43 ft
	46 m	3,508 m	191.31		0 m	13 m
01R	151 ft	11,510 ft	0.66	CONCRETE	0 ft	43 ft
	46 m	3,508 m	11.33		0 m	13 m
19L	151 ft	11,510 ft	180.66	CONCRETE	0 ft	387 ft
	46 m	3,508 m	191.33		0 m	118 m
12	151 ft	10,513 ft	110.71	CONCRETE	0 ft	20 ft
	46 m	3,204 m	121.37		0 m	6 m
30	151 ft	10,513 ft	290.73	CONCRETE	0 ft	387 ft
	46 m	3,204 m	301.39		0 m	118 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01R	DME	IIAD	110.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
19L	DME	ISGC	110.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
19R	DME	IISU	110.75 MHz	18 nm	-	-	313 ft
				33 km	-		313 m
01C	LOC-ILS	IOSZ	111.30 MHz	18 nm	0.65	-	312 ft
				33 km	11.31		312 m
01R	LOC-ILS	IIAD	110.10 MHz	18 nm	0.67	-	312 ft
				33 km	11.33		312 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	IAJU	109.30 MHz	18 nm	110.74	-	312 ft
				33 km	121.40		312 m
19C	LOC-ILS	IDLX	111.30 MHz	18 nm	180.65	-	312 ft
				33 km	191.31		312 m
19L	LOC-ILS	ISGC	110.10 MHz	18 nm	180.67	-	312 ft
				33 km	191.33		312 m
19R	LOC-ILS	IISU	110.75 MHz	18 nm	180.58	-	312 ft
				33 km	191.24		312 m
01L	LOC-ILS	IOIU	110.75 MHz	18 nm	0.58	-	312 ft
				33 km	11.24		312 m
01C	GS	IOSZ	111.30 MHz	10 nm	0.65	3.00	312 ft
				19 km	11.31		312 m
01R	GS	IIAD	110.10 MHz	10 nm	0.67	3.00	312 ft
				19 km	11.33		312 m
12	GS	IAJU	109.30 MHz	10 nm	110.74	3.00	312 ft
				19 km	121.40		312 m
19C	GS	IDLX	111.30 MHz	10 nm	180.65	3.00	312 ft
				19 km	191.31		312 m
19L	GS	ISGC	110.10 MHz	10 nm	180.67	3.00	312 ft
				19 km	191.33		312 m
19R	GS	IISU	110.75 MHz	10 nm	180.58	3.00	312 ft
				19 km	191.24		312 m
01L	GS	IOIU	110.75 MHz	10 nm	0.58	3.00	312 ft
				19 km	11.24		312 m