KRIC
Richmond Intl

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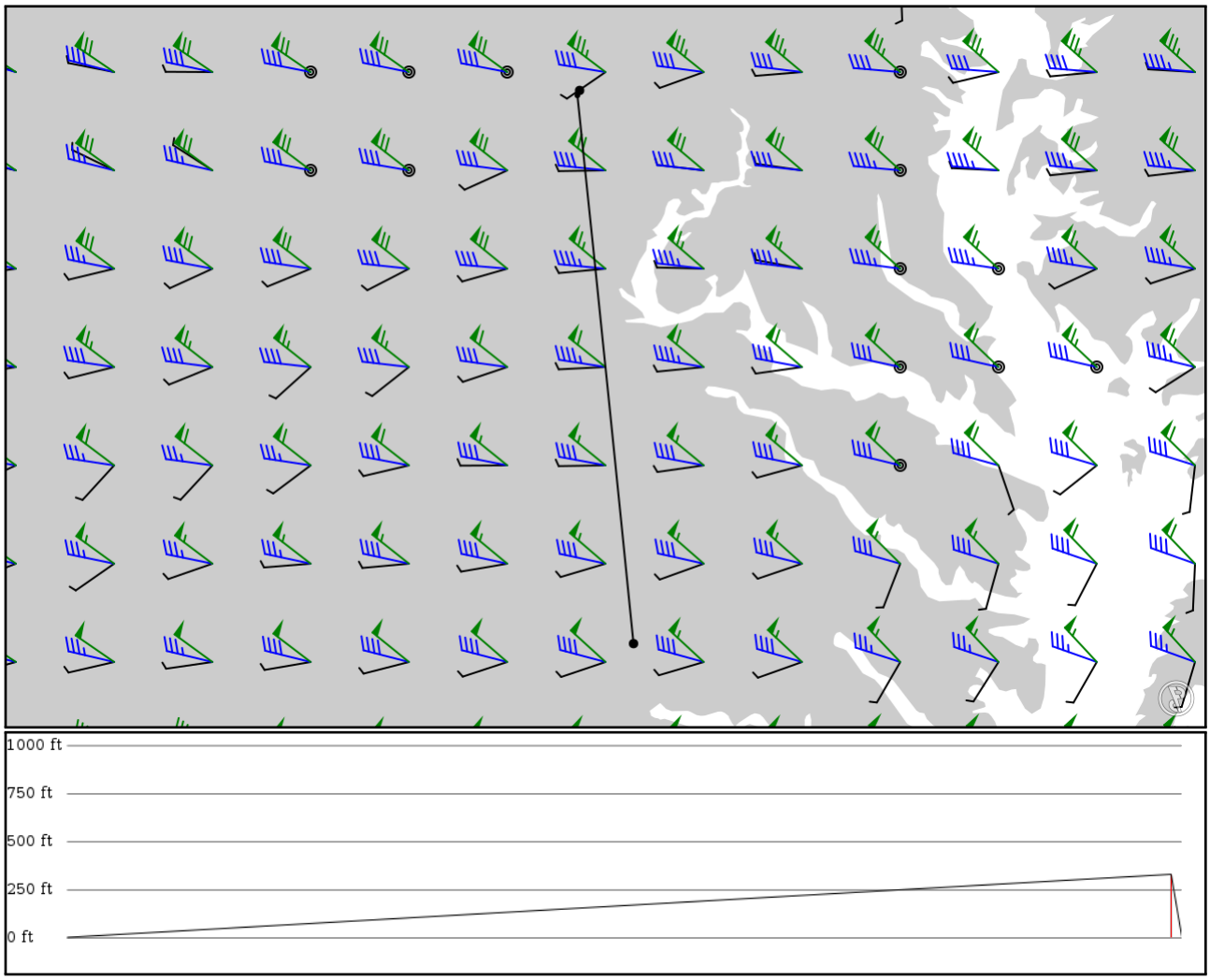
KIAD
Washington Dulles Intl

2024/05/15 0728Z

KRIC AML KIAD

86.99 nm / 161.10 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
KRIC APT	–	37.50470 -77.32020	0 ft 0 m	–	Richmond Intl
AML VOR	–	38.93460 -77.46670	100 ft 30 m	86	ARMEL (WASHINGTON D.C.)
KIAD APT	–	38.94770 -77.46090	0 ft 0 m	0	Washington Dulles Intl

KRIC

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

Elevation: 168 ft / 51 m
Location: 37.504700 -77.320200
Magnetic Var: 10.509 W

METAR

KRIC 150708Z 04010G20KT 5SM BR SCT007 BKN014 OVC026 16/14 A2967 RMK AO2 RAE04 P0000 T01610144

TAF

KRIC 150559Z 1506/1606 09010KT 4SM -RADZ BR OVC006 TEMPO 1506/1507 SCT006 OVC015 FM150800 07007KT 3SM -RADZ BR OVC

Frequencies

REC - 119.15 MHz - ATIS
GND - 121.90 MHz - RICHMOND GROUND
CLD - 127.55 MHz - CLEARANCE DELIVERY
DEP - 126.75 MHz - POTOMAC DEPARTURE
APP - 126.40 MHz - POTOMAC APPROACH

COM - 122.95 MHz - RICHMOND UNICOM
TWR - 121.10 MHz - RICHMOND TOWER
DEP - 126.40 MHz - POTOMAC DEPARTURE
APP - 118.20 MHz - POTOMAC APPROACH
APP - 126.75 MHz - POTOMAC APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	150 ft 46 m	9,012 ft 2,747 m	147.57 158.08	ASPHALT	0 ft 0 m	1,004 ft 306 m
34	150 ft 46 m	9,012 ft 2,747 m	327.58 338.09	ASPHALT	0 ft 0 m	994 ft 303 m
02	150 ft 46 m	6,620 ft 2,018 m	13.41 23.92	ASPHALT	0 ft 0 m	200 ft 61 m
20	150 ft 46 m	6,620 ft 2,018 m	193.41 203.92	ASPHALT	0 ft 0 m	276 ft 84 m
07	100 ft 30 m	5,180 ft 1,579 m	57.36 67.87	ASPHALT	0 ft 0 m	190 ft 58 m
25	100 ft 30 m	5,180 ft 1,579 m	237.37 247.88	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	LOC-ILS	IEZD	110.90 MHz	18 nm 33 km	13.41 23.92	-	168 ft 168 m
16	LOC-ILS	IRGJ	110.70 MHz	18 nm 33 km	147.58 158.09	-	168 ft 168 m
34	LOC-ILS	IBNE	110.70 MHz	18 nm 33 km	327.58 338.09	-	168 ft 168 m
02	GS	IEZD	110.90 MHz	10 nm 19 km	13.41 23.92	3.00	168 ft 168 m
16	GS	IRGJ	110.70 MHz	10 nm 19 km	147.58 158.09	3.00	168 ft 168 m
34	GS	IBNE	110.70 MHz	10 nm 19 km	327.58 338.09	3.00	168 ft 168 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 150652Z 08007KT 10SM OVC010 16/14 A2979 RMK AO2 SLP085 T01610144

TAF

KIAD 150531Z 1506/1612 13007KT P6SM -SHRA SCT009 OVC018 FM150800 08005KT 4SM SHRA BR OVC008 FM151800 04007KT 4SM -

Frequencies

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

Runways

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

Approach Navaids

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

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