

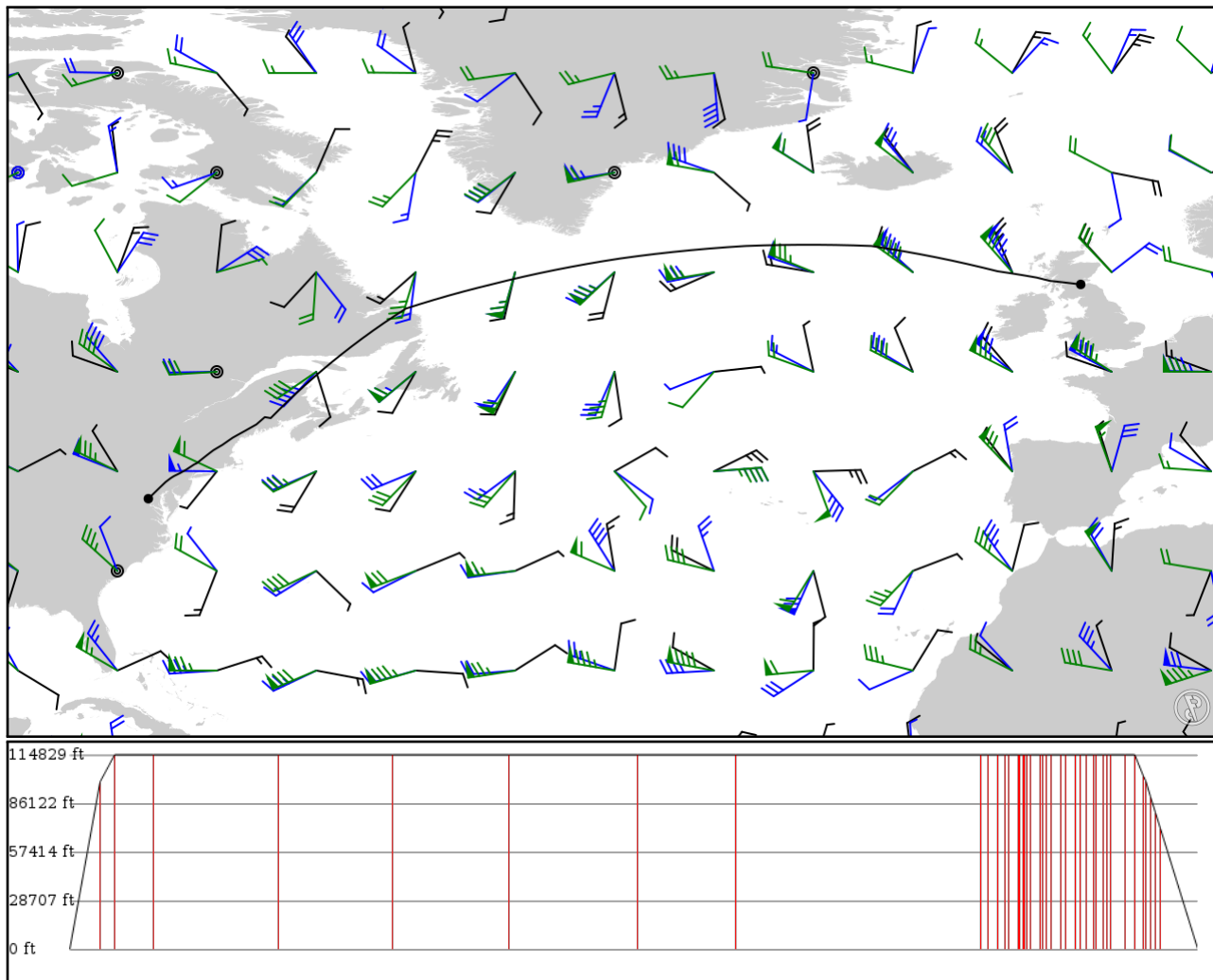
**EGPH**  
Edinburgh

**KIAD**  
Washington Dulles Intl

2024/05/03 0846Z

EGPH BRUCE **L602** TIR GOMUP **E 56/50 C** JANJO **N556A** TOPPS LAUDS **V3** LABEL **V39** CON **T295** SASHA **V39** STUBY  
**V93** IGN **Q480** SPOTZ FJC **V162** ETX **V39** BOYER KIAD

3069.31 nm / 5684.37 km



## Notes

Using NAT tracks from 10/4/2024

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
EGPH APT	-	55.95000 -3.37250	0 ft 0 m	-	Edinburgh
BRUCE FIX	-	56.23640 -5.84111	30,100 ft 9,174 m	84	-
TIR VOR	L602 AWY-HI	56.49320 -6.87559	35,000 ft 10,668 m	37	TIREE
GOMUP FIX	-	57.00000 -10.00000	35,000 ft 10,668 m	107	-
59/20 LATLON	E NAT	59.00000 -20.00000	35,000 ft 10,668 m	339	-
59/30 LATLON	E NAT	59.00000 -30.00000	35,000 ft 10,668 m	309	-
58/40 LATLON	E NAT	58.00000 -40.00000	35,000 ft 10,668 m	319	-
56/50 LATLON	E NAT	56.00000 -50.00000	35,000 ft 10,668 m	348	-
JANJO FIX	C NAT	54.03330 -57.00000	35,000 ft 10,668 m	268	-
TOPPS FIX	N556A AWY-HI	45.34020 -67.73860	35,000 ft 10,668 m	666	-
LAUDS FIX	-	45.41950 -68.20750	35,000 ft 10,668 m	20	-
NIELD FIX	V3 AWY-LO	45.10260 -68.57530	35,000 ft 10,668 m	24	-
BGR VOR	V3 AWY-LO	44.84180 -68.87400	35,000 ft 10,668 m	20	BANGOR
WUGES FIX	V3 AWY-LO	44.73120 -69.07200	35,000 ft 10,668 m	10	-
YOSTT FIX	V3 AWY-LO	44.47590 -69.52400	35,000 ft 10,668 m	24	-
VEEDA FIX	V3 AWY-LO	44.43440 -69.59680	35,000 ft 10,668 m	3	-
AUG VOR	V3 AWY-LO	44.32000 -69.79660	35,000 ft 10,668 m	10	AUGUSTA
ROLAF FIX	V3 AWY-LO	44.28240 -69.86570	35,000 ft 10,668 m	3	-
QUIPS FIX	V3 AWY-LO	44.20910 -69.99970	35,000 ft 10,668 m	7	-
NOLLI FIX	V3 AWY-LO	44.12820 -70.14690	35,000 ft 10,668 m	7	-
SERPA FIX	V3 AWY-LO	43.83990 -70.66580	35,000 ft 10,668 m	28	-
LABEL FIX	V3 AWY-LO	43.78440 -70.76440	35,000 ft 10,668 m	5	-
LIMER FIX	V39 AWY-LO	43.68370 -70.91080	35,000 ft 10,668 m	8	-
NEETS FIX	V39 AWY-LO	43.51410 -71.15560	35,000 ft 10,668 m	14	-
CON VOR	V39 AWY-LO	43.21980 -71.57550	35,000 ft 10,668 m	25	CONCORD
TAPSE FIX	T295 AWY-LO	43.07130 -71.82750	35,000 ft 10,668 m	14	-
EEN	T295	42.79430	35,000 ft	26	KEENE

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-72.29180	10,668 m		
WARIC	T295	42.62830	35,000 ft	13	-
FIX	AWY-LO	-72.51050	10,668 m		
WHATE	T295	42.43610	35,000 ft	16	-
FIX	AWY-LO	-72.76170	10,668 m		
MOLDS	T295	42.20860	35,000 ft	18	-
FIX	AWY-LO	-73.05370	10,668 m		
SASHA	T295	42.13300	35,000 ft	6	-
FIX	AWY-LO	-73.14870	10,668 m		
STUBY	V39	41.90210	35,000 ft	18	-
FIX	AWY-LO	-73.43720	10,668 m		
PWL	V93	41.76980	35,000 ft	10	PAWLING (POUGHKEEPSIE)
VOR	AWY-LO	-73.60060	10,668 m		
IGN	V93	41.66550	35,000 ft	11	KINGSTON
VOR	AWY-LO	-73.82220	10,668 m		
JEFFF	Q480	41.24620	35,000 ft	38	-
FIX	AWY-HI	-74.46200	10,668 m		
CANDR	Q480	40.97100	35,000 ft	27	-
FIX	AWY-HI	-74.95980	10,668 m		
SPOTZ	Q480	40.76530	31,200 ft	22	-
FIX	AWY-HI	-75.38310	9,510 m		
FJC	-	40.72670	30,300 ft	3	ALLENTOWN
VOR	-	-75.45470	9,235 m		
ETX	V162	40.58100	27,400 ft	13	EAST TEXAS
VOR	AWY-LO	-75.68400	8,352 m		
FLOAT	V39	40.43000	24,600 ft	12	-
FIX	AWY-LO	-75.88440	7,498 m		
BOYER	V39	40.27690	21,800 ft	13	-
FIX	AWY-LO	-76.08590	6,645 m		
KIAD	-	38.94770	0 ft	102	Washington Dulles Intl
APT	-	-77.46090	0 m		

## EGPH

Region: UNITED KINGDOM  
Timezone: EUROPE/LONDON  
Runways: 1

Elevation: 136 ft / 41 m  
Location: 55.950000 -3.372500  
Magnetic Var: 1.219 W

## METAR

EGPH 030820Z 07014KT CAVOK 12/08 Q1009

## TAF

TAF EGPB 030458Z 0306/0406 06005KT 9999 FEW020 BECMG 0306/0309 06015KT PROB30 TEMPO 0309/0406 4000 +SHRA TEMPO 03

## Frequencies

APP - 121.20 MHz - EDINBURGH APPROACH  
TWR - 118.70 MHz - EDINBURGH TOWER

GND - 121.75 MHz - EDINBURGH GROUND  
REC - 131.35 MHz - EDINBURGH INFORMATION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	150 ft	8,369 ft	58.80	ASPHALT	692 ft	190 ft
	46 m	2,551 m	60.01		211 m	58 m
24	150 ft	8,369 ft	238.82	ASPHALT	682 ft	194 ft
	46 m	2,551 m	240.04		208 m	59 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	IVG	108.90 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
24	DME	ITH	108.90 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
06	LOC-ILS	IVG	108.90 MHz	18 nm	58.81	-	136 ft
				33 km	60.03		136 m
24	LOC-ILS	ITH	108.90 MHz	18 nm	238.81	-	136 ft
				33 km	240.03		136 m
06	GS	IVG	108.90 MHz	10 nm	58.81	3.00	136 ft
				19 km	60.03		136 m
24	GS	ITH	108.90 MHz	10 nm	238.81	3.00	136 ft
				19 km	240.03		136 m

## KIAD

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 312 ft / 95 m  
Location: 38.947700 -77.460900  
Magnetic Var: 10.663 W

## METAR

KIAD 030752Z 02005KT 10SM CLR 20/15 A2996 RMK A02 SLP140 T02000150

## TAF

KIAD 030531Z 0306/0412 00000KT P6SM FEW250 FM031200 08006KT P6SM SCT250 FM031800 11009KT P6SM SCT250 FM040200 120

## 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