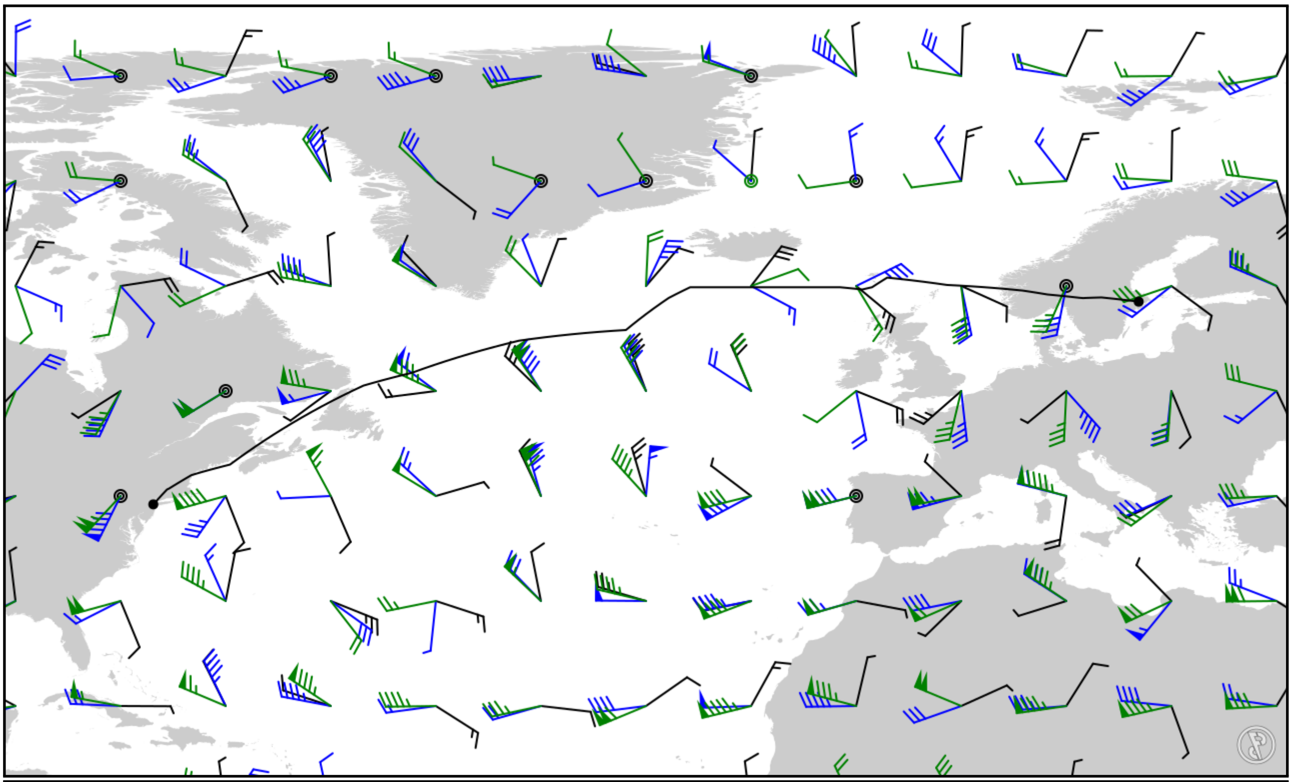
ESSA - KEWR

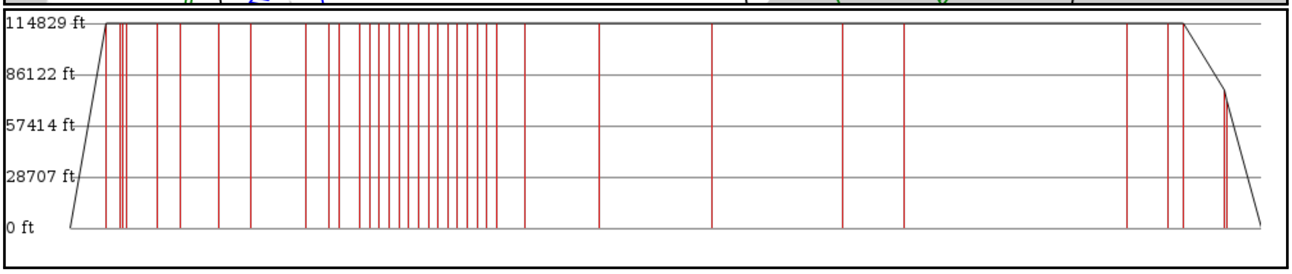
Stockholm Arlanda — Newark Liberty International

2024/03/28 0926Z

ESSA LEGPO 6000N01300E TEKVA **Z259** ESEBA **Z258** VALDI **G3** CONNY 6100N0700W BESGA **UP612** RATSU 6100N01100W 6100N01200W 6100N01300W 6100N01400W 6100N01500W 6100N01600W 6100N01700W 6100N01800W 6100N01900W 6100N02000W 6100N02100W 6100N02200W 6100N02300W 6100N02400W 6000N02600W 57/30 **A** RIKAL **N436A** ALLEX **Q822** ENE **Q480** BAF **V405** COBOL KEWR

3550.87 nm / 6576.21 km





Notes

Using NAT tracks from 17/10/2021

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
ESSA APT	- -	59.65190 17.91860	0 ft 0 m	-	Stockholm Arlanda
LEGPO FIX	- -	60.04610 14.43830	35,000 ft 10,668 m	107	-
6000N01300E LATLON	- -	60.00000 13.00000	35,000 ft 10,668 m	43	-
TEKVA FIX	- -	59.98470 12.71940	35,000 ft 10,668 m	8	-
ESEBA FIX	Z259 AWY-HI	60.01270 12.39230	35,000 ft 10,668 m	9	-
ADOPI FIX	Z258 AWY-HI	60.32360 9.38333	35,000 ft 10,668 m	91	-
VATEB FIX	Z258 AWY-HI	60.68210 7.12812	35,000 ft 10,668 m	70	-
IPTOK FIX	Z258 AWY-HI	61.02090 3.24605	35,000 ft 10,668 m	115	-
VALDI FIX	Z258 AWY-HI	61.21440 0.00000	35,000 ft 10,668 m	94	-
CONNY FIX	G3 AWY-HI	61.90000 -5.58333	35,000 ft 10,668 m	164	-
6100N0700W LATLON	- -	61.00000 -7.00000	35,000 ft 10,668 m	67	-
BESGA FIX	- -	60.78970 -7.91278	35,000 ft 10,668 m	29	-
RATSU FIX	UP612 AWY-HI	61.00000 -10.00000	35,000 ft 10,668 m	62	-
6100N01100W LATLON	- -	61.00000 -11.00000	35,000 ft 10,668 m	29	-
6100N01200W LATLON	- -	61.00000 -12.00000	35,000 ft 10,668 m	29	-
6100N01300W LATLON	- -	61.00000 -13.00000	35,000 ft 10,668 m	29	-
6100N01400W LATLON	- -	61.00000 -14.00000	35,000 ft 10,668 m	29	-
6100N01500W LATLON	- -	61.00000 -15.00000	35,000 ft 10,668 m	29	-
6100N01600W LATLON	- -	61.00000 -16.00000	35,000 ft 10,668 m	29	-
6100N01700W LATLON	- -	61.00000 -17.00000	35,000 ft 10,668 m	29	-
6100N01800W LATLON	- -	61.00000 -18.00000	35,000 ft 10,668 m	29	-
6100N01900W LATLON	- -	61.00000 -19.00000	35,000 ft 10,668 m	29	-
6100N02000W LATLON	- -	61.00000 -20.00000	35,000 ft 10,668 m	29	-
6100N02100W LATLON	- -	61.00000 -21.00000	35,000 ft 10,668 m	29	-
6100N02200W LATLON	- -	61.00000 -22.00000	35,000 ft 10,668 m	29	-
6100N02300W LATLON	- -	61.00000 -23.00000	35,000 ft 10,668 m	29	-
6100N02400W	-	61.00000	35,000 ft	29	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-24.00000	10,668 m		
6000N02600W LATLON	- -	60.00000 -26.00000	35,000 ft 10,668 m	84	-
57/30 LATLON	- -	57.00000 -30.00000	35,000 ft 10,668 m	219	-
56/40 LATLON	A NAT	56.00000 -40.00000	35,000 ft 10,668 m	336	-
53/50 LATLON	A NAT	53.00000 -50.00000	35,000 ft 10,668 m	392	-
RIKAL FIX	A NAT	51.80000 -54.53330	35,000 ft 10,668 m	181	-
ALLEX FIX	N436A AWY-HI	44.41670 -67.00000	35,000 ft 10,668 m	666	-
AJJAY FIX	Q822 AWY-HI	43.72790 -69.60230	35,000 ft 10,668 m	119	-
ENE VOR	Q822 AWY-HI	43.42570 -70.61350	35,000 ft 10,668 m	47	KENNEBUNK
BAF VOR	Q480 AWY-HI	42.16200 -72.71620	23,600 ft 7,193 m	119	BARNES (WESTFIELD/SPRINGFIELD)
COBOL FIX	V405 AWY-LO	42.08700 -72.88720	21,700 ft 6,614 m	8	-
KEWR APT	- -	40.69360 -74.16860	0 ft 0 m	101	Newark Liberty International

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.103 E

METAR

ESSA 280920Z 08008KT 060V130 CAVOK 09/03 Q0993 NOSIG

TAF

TAF ESSA 280830Z 2809/2909 12012KT CAVOK TEMPO 2818/2908 4000 RA BKN005 BECMG 2902/2904 23010KT

Frequencies

REC - 119.00 MHz - ATIS
APP - 123.75 MHz - STOCKHOLM CONTROL APPROACH
APP - 126.65 MHz - STOCKHOLM CONTROL APPROACH
DEP - 120.15 MHz - STOCKHOLM CONTROL DEPARTURE
TWR - 118.50 MHz - ARLANDA TOWER
TWR - 128.72 MHz - ARLANDA TOWER
GND - 121.70 MHz - ARLANDA GROUND
GND - 121.92 MHz - ARLANDA GROUND
REC - 121.62 MHz - ATIS
APP - 120.15 MHz - STOCKHOLM CONTROL APPROACH
DEP - 123.75 MHz - STOCKHOLM CONTROL DEPARTURE
DEP - 126.65 MHz - STOCKHOLM CONTROL DEPARTURE
TWR - 125.12 MHz - ARLANDA TOWER
TWR - 123.10 MHz - ARLANDA TOWER
GND - 121.97 MHz - ARLANDA GROUND
CLD - 121.82 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	148 ft 45 m	10,817 ft 3,297 m	10.38 3.27	ASPHALT	0 ft 0 m	154 ft 47 m
19R	148 ft 45 m	10,817 ft 3,297 m	190.38 183.28	ASPHALT	0 ft 0 m	164 ft 50 m
01R	148 ft 45 m	8,151 ft 2,484 m	10.38 3.27	ASPHALT	0 ft 0 m	223 ft 68 m
19L	148 ft 45 m	8,151 ft 2,484 m	190.38 183.28	ASPHALT	0 ft 0 m	0 ft 0 m
08	148 ft 45 m	8,180 ft 2,493 m	75.84 68.74	ASPHALT	0 ft 0 m	161 ft 49 m
26	148 ft 45 m	8,180 ft 2,493 m	255.88 248.78	ASPHALT	0 ft 0 m	161 ft 49 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	LOC-ILS	SSA	109.90 MHz	18 nm 33 km	10.38 3.28	-	138 ft 138 m
01R	LOC-ILS	TSA	109.35 MHz	18 nm 33 km	10.38 3.28	-	138 ft 138 m
19L	LOC-ILS	USA	111.35 MHz	18 nm 33 km	190.38 183.28	-	138 ft 138 m
19R	LOC-ILS	NSA	110.70 MHz	18 nm 33 km	190.38 183.28	-	138 ft 138 m
26	LOC-ILS	ESA	110.10 MHz	18 nm 33 km	255.86 248.76	-	138 ft 138 m
08	LOC-LOC	WSA	109.55 MHz	18 nm 33 km	75.86 68.76	-	138 ft 138 m
01L	GS	SSA	109.90 MHz	10 nm 19 km	10.38 3.28	3.00	138 ft 138 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01R	GS	TSA	109.35 MHz	10 nm 19 km	10.38 3.28	3.00	138 ft 138 m
19L	GS	USA	111.35 MHz	10 nm 19 km	190.38 183.28	3.00	138 ft 138 m
19R	GS	NSA	110.70 MHz	10 nm 19 km	190.38 183.28	3.00	138 ft 138 m
26	GS	ESA	110.10 MHz	10 nm 19 km	255.86 248.76	3.00	138 ft 138 m

KEWR

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

Elevation: 17 ft / 5 m
Location: 40.693600 -74.168600
Magnetic Var: 12.654 W

METAR

KEWR 280851Z 28003KT 8SM -RA FEW006 SCT043 OVC060 09/08 A3002 RMK AO2 SLP164 P0001 60012 T00940083 56013 $

TAF

KEWR 280830Z 2809/2912 VRB05KT 4SM -RA SCT020 BKN040 TEMPO 2809/2812 BKN008 OVC015 FM281200 VRB05KT 3SM -RA BR BKN

Frequencies

REC - 115.70 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.80 MHz - NEWARK GROUND
GND - 132.45 MHz - RAMP CONTROL
TWR - 134.05 MHz - NEWARK TOWER
APP - 128.55 MHz - NEW YORK APPROACH
APP - 132.80 MHz - NEW YORK APPROACH
REC - 134.82 MHz - D-ATIS
CLD - 118.85 MHz - CLEARANCE DELIVERY
GND - 126.15 MHz - NEWARK GROUND
TWR - 118.30 MHz - NEWARK TOWER
APP - 127.60 MHz - NEW YORK APPROACH
APP - 132.70 MHz - NEW YORK APPROACH
DEP - 119.20 MHz - NEW YORK DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft 46 m	11,011 ft 3,356 m	25.75 38.40	ASPHALT	2,539 ft 774 m	610 ft 186 m
22R	150 ft 46 m	11,011 ft 3,356 m	205.76 218.41	ASPHALT	1,440 ft 439 m	0 ft 0 m
04R	150 ft 46 m	10,009 ft 3,051 m	25.74 38.40	ASPHALT	1,191 ft 363 m	299 ft 91 m
22L	150 ft 46 m	10,009 ft 3,051 m	205.75 218.41	ASPHALT	1,791 ft 546 m	0 ft 0 m
11	150 ft 46 m	6,732 ft 2,052 m	95.00 107.65	ASPHALT	0 ft 0 m	505 ft 154 m
29	150 ft 46 m	6,732 ft 2,052 m	275.02 287.67	ASPHALT	223 ft 68 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IEWR	110.75 MHz	18 nm 33 km	- -	-	11 ft 11 m
04R	DME	IEZA	108.70 MHz	18 nm 33 km	- -	-	18 ft 18 m
22L	DME	ILSQ	108.70 MHz	18 nm 33 km	- -	-	18 ft 18 m
22R	DME	IJNN	110.75 MHz	18 nm 33 km	- -	-	11 ft 11 m
04L	LOC-ILS	IEWR	110.75 MHz	18 nm 33 km	25.76 38.41	-	17 ft 17 m
04R	LOC-ILS	IEZA	108.70 MHz	18 nm 33 km	25.75 38.40	-	17 ft 17 m
11	LOC-ILS	IGPR	109.15 MHz	18 nm 33 km	95.01 107.66	-	17 ft 17 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	LOC-ILS	ILSQ	108.70 MHz	18 nm 33 km	205.75 218.40	-	17 ft 17 m
22R	LOC-ILS	IJNN	110.75 MHz	18 nm 33 km	205.76 218.41	-	17 ft 17 m
04L	GS	IEWR	110.75 MHz	10 nm 19 km	25.76 38.41	3.00	17 ft 17 m
04R	GS	IEZA	108.70 MHz	10 nm 19 km	25.75 38.40	3.00	17 ft 17 m
11	GS	IGPR	109.15 MHz	10 nm 19 km	95.01 107.66	3.00	17 ft 17 m
22L	GS	ILSQ	108.70 MHz	10 nm 19 km	205.75 218.40	3.00	17 ft 17 m
22R	GS	IJNN	110.75 MHz	10 nm 19 km	205.76 218.41	3.00	17 ft 17 m