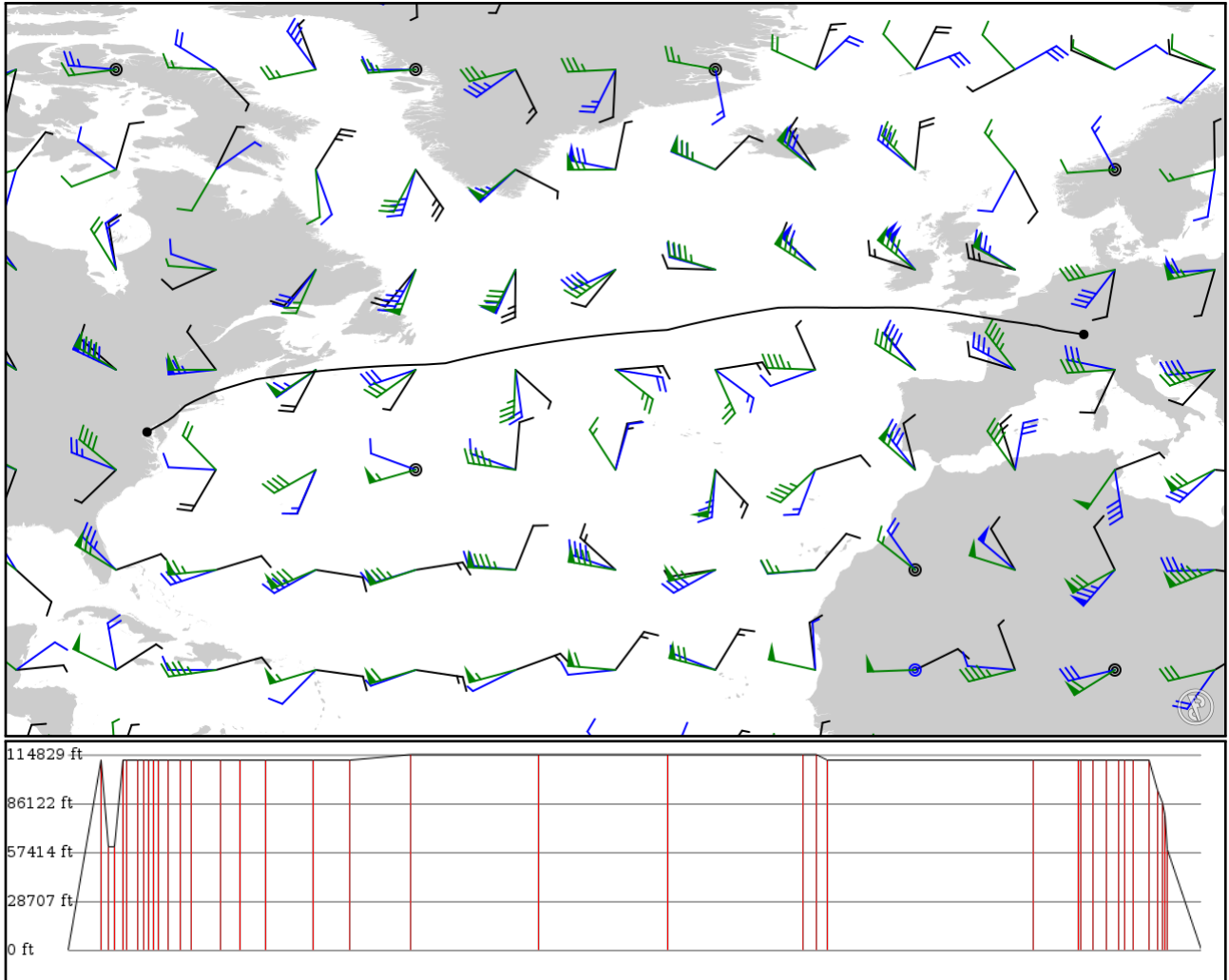


2024/05/12 1945Z

LFSB RLP12 **G4** TRO **UM164** BRY **UM729** RESMI **UL851** LGL **UN502** JSY **UN160** LIZAD **UL739** SOMAX **G**
+50.000_--20.000 **D** VODOR RAFIN **N64C** TUSKY **J575** BOS **J42** LAURN **J222** RBV **J191** DAVYS **V123** RUUTH KADW

3618.51 nm / 6701.48 km



Notes

Using NAT tracks from 21/9/2015

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
LFSB	-	47.59581	0 ft	-	Bale-Mulhouse
APT	-	7.52481	0 m		
RLP12	-	47.98528	34,000 ft	106	-
FIX	-	4.96222	10,363 m		
ERTIP	G4	48.13444	18,500 ft	24	-
FIX	AWY-LO	4.40667	5,639 m		
TRO	G4	48.25122	18,500 ft	19	TROYES BARBEREY VOR
VOR	AWY-LO	3.96314	5,639 m		
BRY	UM164	48.40700	34,000 ft	28	BRAY SUR SEINE VOR-DME
VOR	AWY-HI	3.29478	10,363 m		
AMODO	UM729	48.41944	34,000 ft	12	-
FIX	AWY-HI	2.98028	10,363 m		
RESMI	UM729	48.56861	34,000 ft	32	-
FIX	AWY-HI	2.19194	10,363 m		
TABOV	UL851	48.64417	34,000 ft	22	-
FIX	AWY-HI	1.64889	10,363 m		
PIGOP	UL851	48.68583	34,000 ft	12	-
FIX	AWY-HI	1.33889	10,363 m		
DITAL	UL851	48.74472	34,000 ft	18	-
FIX	AWY-HI	0.88917	10,363 m		
LGL	UL851	48.79061	34,000 ft	14	L AIGLE VOR
VOR	AWY-HI	0.53028	10,363 m		
ARGED	UN502	48.92972	34,000 ft	31	-
FIX	AWY-HI	-0.25000	10,363 m		
SENLO	UN502	49.08333	34,000 ft	37	-
FIX	AWY-HI	-1.17833	10,363 m		
JSY	UN502	49.22111	34,000 ft	35	JERSEY VOR-DME
VOR	AWY-HI	-2.04611	10,363 m		
LIZAD	UN160	49.59028	34,000 ft	91	-
FIX	AWY-HI	-4.33028	10,363 m		
MABUG	UL739	49.78472	34,000 ft	63	-
FIX	AWY-HI	-5.93667	10,363 m		
GAPLI	UL739	50.00000	34,000 ft	80	-
FIX	AWY-HI	-8.00000	10,363 m		
KENUK	UL739	50.00000	34,000 ft	154	-
FIX	AWY-HI	-12.00000	10,363 m		
SOMAX	UL739	50.00000	34,000 ft	115	-
FIX	AWY-HI	-15.00000	10,363 m		
+50.000_--20.000	G	50.00000	35,000 ft	192	-
LATLON	NAT	-20.00000	10,668 m		
+48.000_--30.000	D	48.00000	35,000 ft	411	-
LATLON	NAT	-30.00000	10,668 m		
+47.000_--40.000	D	47.00000	35,000 ft	409	-
LATLON	NAT	-40.00000	10,668 m		
+45.000_--50.000	D	45.00000	35,000 ft	433	-
LATLON	NAT	-50.00000	10,668 m		
VODOR	D	44.93583	35,000 ft	42	-
FIX	NAT	-51.00000	10,668 m		
RAFIN	-	44.88333	34,000 ft	34	-
FIX	-	-51.80472	10,363 m		
TUSKY	N64C	43.56500	34,000 ft	657	-
FIX	AWY-HI	-67.00000	10,363 m		
CANAL	J575	42.66903	34,000 ft	143	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-70.02271	10,363 m		
SCUPP	J575	42.60306	34,000 ft	9	-
FIX	AWY-HI	-70.23037	10,363 m		
BOS	J575	42.35744	34,000 ft	36	BOSTON VOR-DME
VOR	AWY-HI	-70.98956	10,363 m		
PUT	J42	41.95547	34,000 ft	45	PUTNAM VOR-DME
VOR	AWY-HI	-71.84408	10,363 m		
HFD	J42	41.64111	34,000 ft	36	HARTFORD VOR-DME
VOR	AWY-HI	-72.54742	10,363 m		
PACER	J42	41.43982	34,000 ft	21	-
FIX	AWY-HI	-72.94043	10,363 m		
SANTT	J42	41.18887	34,000 ft	26	-
FIX	AWY-HI	-73.42329	10,363 m		
LAURN	J42	40.55161	34,000 ft	49	-
FIX	AWY-HI	-74.12046	10,363 m		
RBV	J222	40.20239	28,600 ft	27	ROBBINSVILLE VORTAC
VOR	AWY-HI	-74.49503	8,717 m		
BRAND	J191	40.03508	26,400 ft	14	-
FIX	AWY-HI	-74.73597	8,047 m		
DAVYS	J191	39.92239	24,200 ft	10	-
FIX	AWY-HI	-74.89716	7,376 m		
RUUTH	V123	39.85033	18,000 ft	6	-
FIX	AWY-LO	-74.99978	5,486 m		
KADW	-	38.81081	0 ft	106	Andrews AFB
APT	-	-76.86712	0 m		

LFSB

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 884 ft / 269 m
Location: 47.595800 7.524810
Magnetic Var: 2.874 E

METAR

LFSB 121930Z AUTO 24005KT 200V260 CAVOK 18/13 Q1014 TEMPO FEW045TCU

TAF

TAF AMD LFSB 121920Z 1219/1318 16005KT CAVOK PROB40 TEMPO 1219/1222 -SHRA FEW060CB BKN080 PROB30 TEMPO 1303/1310 -

Frequencies

TWR - 118.30 MHz - BALE TOWER	GND - 121.60 MHz - BALE GROUND
APP - 118.57 MHz - BALE APPROACH	APP - 119.35 MHz - BALE APPROACH
APP - 121.25 MHz - BALE APPROACH	REC - 127.87 MHz - BALE ATIS
CLD - 121.95 MHz - CLEARANCE DELIVERY	COM - 130.90 MHz - BALE INFO

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	197 ft	5,977 ft	76.98	CONCRETE	0 ft	0 ft
	60 m	1,822 m	74.11		0 m	0 m
26	197 ft	5,977 ft	257.00	CONCRETE	728 ft	0 ft
	60 m	1,822 m	254.13		222 m	0 m
15	197 ft	12,807 ft	154.84	CONCRETE	0 ft	302 ft
	60 m	3,904 m	151.97		0 m	92 m
33	197 ft	12,807 ft	334.86	CONCRETE	3,674 ft	0 ft
	60 m	3,904 m	331.98		1,120 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	MH	111.55 MHz	18 nm	-	-	860 ft
				33 km	-		860 m
33	DME	IBLU	109.35 MHz	18 nm	-	-	885 ft
				33 km	-		885 m
15	LOC-ILS	MH	111.55 MHz	18 nm	154.85	-	884 ft
				33 km	151.98		884 m
33	LOC-ILS	IBLU	109.35 MHz	18 nm	334.85	-	884 ft
				33 km	331.98		884 m
15	GS	MH	111.55 MHz	10 nm	154.85	3.00	884 ft
				19 km	151.98		884 m
33	GS	IBLU	109.35 MHz	10 nm	334.85	3.50	884 ft
				19 km	331.98		884 m

KADW

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 279 ft / 85 m
Location: 38.810800 -76.867100
Magnetic Var: 10.965 W

METAR

KADW 121855Z AUTO 31010G16KT 10SM FEW085 SCT170 SCT200 18/07 A2985 RMK A02 SLP115 T01820070 \$

TAF

TAF KADW 121700Z 1217/1323 31012G20KT 9999 VCSH FEW030 BKN050 BKN180 QNH2981INS TEMPO 1217/1220 31015G25KT 9000 -

Frequencies

CLD - 127.55 MHz - ANDREWS DELIVERY	GND - 121.80 MHz - ANDREWS GROUND
TWR - 118.40 MHz - ANDREWS TOWER	APP - 119.30 MHz - POTOMAC APPROACH
DEP - 125.65 MHz - POTOMAC DEPARTURE	REC - 113.10 MHz - ATIS

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	150 ft	9,769 ft	359.87	ASPHALT	0 ft	1,007 ft
	46 m	2,978 m	10.84		0 m	307 m
19L	150 ft	9,769 ft	179.87	ASPHALT	0 ft	961 ft
	46 m	2,978 m	190.84		0 m	293 m
01L	200 ft	11,322 ft	359.86	CONCRETE	1,001 ft	400 ft
	61 m	3,451 m	10.82		305 m	122 m
19R	200 ft	11,322 ft	179.86	CONCRETE	997 ft	404 ft
	61 m	3,451 m	190.82		304 m	123 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	LOC-ILS	IRWS	111.50 MHz	18 nm	359.86	-	279 ft
				33 km	10.82		279 m
01R	LOC-ILS	IVJM	110.50 MHz	18 nm	359.87	-	279 ft
				33 km	10.83		279 m
19L	LOC-ILS	IGQZ	110.50 MHz	18 nm	179.87	-	249 ft
				33 km	190.83		249 m
19R	LOC-ILS	IMXK	111.50 MHz	18 nm	179.86	-	279 ft
				33 km	190.82		279 m
01L	GS	IRWS	111.50 MHz	10 nm	359.86	3.00	279 ft
				19 km	10.82		279 m
01R	GS	IVJM	110.50 MHz	10 nm	359.87	3.00	279 ft
				19 km	10.83		279 m
19L	GS	IGQZ	110.50 MHz	10 nm	179.87	3.00	279 ft
				19 km	190.83		279 m
19R	GS	IMXK	111.50 MHz	10 nm	179.86	3.00	279 ft
				19 km	190.82		279 m