NZAA
Auckland Intl

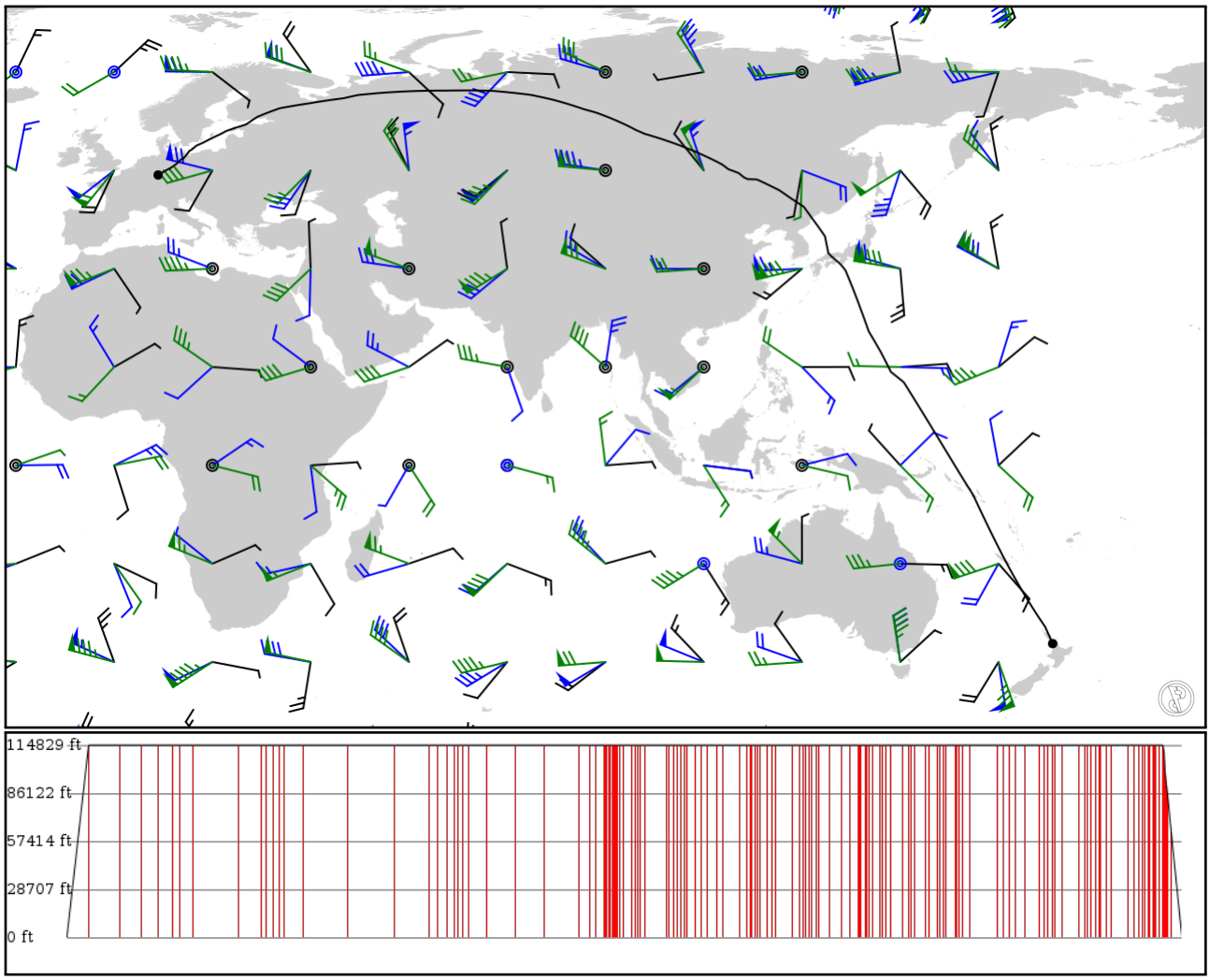
-

EDDF
Frankfurt

2024/03/29 0524Z

NZAA AA **A597** TAPOP **Y46** CANDY MIRIO TANTA SHION ALISA PIONE OYE **Y39** MIHOU **Y332** IGRAS **B332** KANSU **R224** YNJ YNJ **W39** UGABI **B451** HRB HRB **B451** HLD **A345** TELOK **A810** AGINO **A91** KTN **A920** OMITA **G490** PTG **R809** TARSA **G719** LAGNI **B946** BILMI **G375** LKN **G722** KUMEN **A714** KOMEK **T351** ROKVI **M854** MOHNI **Q22** TLL **Q11** PIMEX **P739** KOLJA **M864** ETRUS **Z131** BANUB **UZ131** GUDOP **UZ717** PODUS **UZ130** SOBLU **UN746** MAG **UZ20** BIRKA **T177** ERSIL EDDF

9969.28 nm / 18463.10 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
NZAA APT	–	-37.00810 174.79200	0 ft 0 m	–	Auckland Intl
AA VOR	–	-37.00460 174.81400	300 ft 91 m	1	AUCKLAND
DUGAN FIX	A597 AWY-HI	-33.87950 173.39000	35,000 ft 10,668 m	200	–
MINET FIX	A597 AWY-HI	-29.94540 170.80000	35,000 ft 10,668 m	270	–
LEKAX FIX	A597 AWY-HI	-27.09060 169.06500	35,000 ft 10,668 m	194	–
VIRAR FIX	A597 AWY-HI	-24.79330 167.74200	35,000 ft 10,668 m	155	–
LAMOK FIX	A597 AWY-HI	-22.84890 166.66500	35,000 ft 10,668 m	130	–
LTO VOR	A597 AWY-HI	-22.00540 166.21200	35,000 ft 10,668 m	56	TONTOUTA (NOUMEA)
GOPRA FIX	A597 AWY-HI	-20.20830 165.26800	35,000 ft 10,668 m	120	–
ENOUS FIX	A597 AWY-HI	-14.00000 162.19200	35,000 ft 10,668 m	412	–
ADNUG FIX	A597 AWY-HI	-10.95590 160.74500	35,000 ft 10,668 m	201	–
DUMUL FIX	A597 AWY-HI	-10.34790 160.46100	35,000 ft 10,668 m	40	–
HN VOR	A597 AWY-HI	-9.43513 160.03700	35,000 ft 10,668 m	60	HONIARA
LEDIM FIX	A597 AWY-HI	-8.58372 159.50000	35,000 ft 10,668 m	60	–
NINOD FIX	A597 AWY-HI	-8.01559 159.14300	35,000 ft 10,668 m	40	–
KAKOP FIX	A597 AWY-HI	-5.61833 157.65000	35,000 ft 10,668 m	169	–
ADBON FIX	A597 AWY-HI	0.00003 154.22800	35,000 ft 10,668 m	394	–
OKOLE FIX	A597 AWY-HI	6.06667 150.51700	35,000 ft 10,668 m	426	–
GALSS FIX	A597 AWY-HI	10.46170 147.79200	35,000 ft 10,668 m	309	–
JUNIE FIX	A597 AWY-HI	11.54740 147.10800	35,000 ft 10,668 m	76	–
OPLAR FIX	A597 AWY-HI	12.39760 146.05700	35,000 ft 10,668 m	80	–
GUMGE FIX	A597 AWY-HI	13.08540 145.19800	35,000 ft 10,668 m	65	–
UNZ VOR	A597 AWY-HI	13.45450 144.73300	35,000 ft 10,668 m	35	NIMITZ
WUVEN FIX	A597 AWY-HI	14.05620 144.43300	35,000 ft 10,668 m	40	–
REEDE FIX	A597 AWY-HI	14.95000 143.98300	35,000 ft 10,668 m	59	–
RICHH FIX	A597 AWY-HI	17.19690 142.82000	35,000 ft 10,668 m	150	–
MONPI	A597	21.00000	35,000 ft	260	–

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
FIX	AWY-HI	140.60000	10,668 m		
ASEDA	A597	25.00430	35,000 ft	253	-
FIX	AWY-HI	139.15900	10,668 m		
TAXON	A597	30.00380	35,000 ft	317	-
FIX	AWY-HI	137.23900	10,668 m		
BUBDO	A597	31.43200	35,000 ft	90	-
FIX	AWY-HI	136.65400	10,668 m		
TAPOP	A597	32.33810	35,000 ft	57	-
FIX	AWY-HI	136.27300	10,668 m		
ALBAT	Y46	33.36450	35,000 ft	74	-
FIX	AWY-HI	135.44200	10,668 m		
KISEI	Y46	33.46780	35,000 ft	8	-
FIX	AWY-HI	135.32900	10,668 m		
EVERT	Y46	33.65700	35,000 ft	15	-
FIX	AWY-HI	135.13300	10,668 m		
CANDY	Y46	33.87490	35,000 ft	16	-
FIX	AWY-HI	134.92800	10,668 m		
MIRIO	-	34.00150	35,000 ft	13	-
FIX	-	134.70900	10,668 m		
TANTA	-	34.26800	35,000 ft	20	-
FIX	-	134.45800	10,668 m		
SHION	-	34.42840	35,000 ft	12	-
FIX	-	134.28300	10,668 m		
ALISA	-	34.51180	35,000 ft	8	-
FIX	-	134.13400	10,668 m		
PIONE	-	34.67140	35,000 ft	11	-
FIX	-	134.01500	10,668 m		
OYE	-	34.75040	35,000 ft	10	KIBI
VOR	-	133.83500	10,668 m		
YUBAR	Y39	35.01460	35,000 ft	20	-
FIX	AWY-HI	133.58600	10,668 m		
MIHOU	Y39	35.53110	35,000 ft	39	-
FIX	AWY-HI	133.09400	10,668 m		
KAPPA	Y332	36.70510	35,000 ft	71	-
FIX	AWY-HI	132.86000	10,668 m		
IGRAS	Y332	37.31260	35,000 ft	36	-
FIX	AWY-HI	132.73600	10,668 m		
SABET	B332	37.64140	35,000 ft	19	-
FIX	AWY-HI	132.67200	10,668 m		
PALDU	B332	37.97030	35,000 ft	19	-
FIX	AWY-HI	132.60700	10,668 m		
KANSU	B332	38.63330	35,000 ft	40	-
FIX	AWY-HI	132.47500	10,668 m		
KAKPU	R224	41.46140	35,000 ft	193	-
FIX	AWY-HI	130.47300	10,668 m		
ANKOG	R224	41.72220	35,000 ft	17	-
FIX	AWY-HI	130.27800	10,668 m		
VASRO	R224	42.46390	35,000 ft	50	-
FIX	AWY-HI	129.74000	10,668 m		
YNJ	R224	42.88330	35,000 ft	28	YANJI
VOR	AWY-HI	129.45200	10,668 m		
YNJ	-	42.88330	35,000 ft	0	YANJI VOR-DME
DME	-	129.43600	10,668 m		
KANVU	W39	43.39500	35,000 ft	34	-
FIX	AWY-HI	129.06500	10,668 m		
SAMAV	W39	43.78500	35,000 ft	26	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	128.79200	10,668 m		
UGABI	W39	44.12670	35,000 ft	23	-
FIX	AWY-HI	128.55000	10,668 m		
KETOV	B451	45.03000	35,000 ft	79	-
FIX	AWY-HI	127.17700	10,668 m		
HRB	B451	45.62330	35,000 ft	52	HARBIN VOR-DME
DME	AWY-HI	126.26000	10,668 m		
HRB	-	45.62670	35,000 ft	0	HARBIN
VOR	-	126.26000	10,668 m		
ONINA	B451	46.27170	35,000 ft	54	-
FIX	AWY-HI	125.33700	10,668 m		
NDG	B451	47.24400	35,000 ft	82	QIQIHAR
VOR	AWY-HI	123.92100	10,668 m		
TEPOD	B451	47.80170	35,000 ft	57	-
FIX	AWY-HI	122.77000	10,668 m		
HLD	B451	49.20330	35,000 ft	144	HAILAR
VOR	AWY-HI	119.82200	10,668 m		
KAGAK	A345	49.26670	35,000 ft	67	-
FIX	AWY-HI	118.10000	10,668 m		
MANLI	A345	49.58330	35,000 ft	31	-
FIX	AWY-HI	117.45000	10,668 m		
TELOK	A345	49.63330	35,000 ft	4	-
FIX	AWY-HI	117.36700	10,668 m		
BADEK	A810	50.14560	35,000 ft	39	-
FIX	AWY-HI	116.74700	10,668 m		
NAREM	A810	50.38390	35,000 ft	18	-
FIX	AWY-HI	116.45100	10,668 m		
NEKLU	A810	50.58060	35,000 ft	22	-
FIX	AWY-HI	115.96100	10,668 m		
AGINO	A810	51.10060	35,000 ft	62	-
FIX	AWY-HI	114.53400	10,668 m		
LASAD	A91	51.61310	35,000 ft	39	-
FIX	AWY-HI	113.86300	10,668 m		
KTN	A91	52.02440	35,000 ft	32	KADALA (CHITA)
VOR	AWY-HI	113.30800	10,668 m		
ALUMI	A920	53.63720	35,000 ft	153	-
FIX	AWY-HI	110.01500	10,668 m		
MOPON	A920	54.24970	35,000 ft	60	-
FIX	AWY-HI	108.64100	10,668 m		
ARNAB	A920	54.63780	35,000 ft	39	-
FIX	AWY-HI	107.72900	10,668 m		
NIRUN	A920	54.81970	35,000 ft	18	-
FIX	AWY-HI	107.29000	10,668 m		
GOGIL	A920	55.16720	35,000 ft	36	-
FIX	AWY-HI	106.43000	10,668 m		
LUPIT	A920	55.33360	35,000 ft	17	-
FIX	AWY-HI	106.00700	10,668 m		
NAROB	A920	55.36640	35,000 ft	3	-
FIX	AWY-HI	105.92300	10,668 m		
ABLAS	A920	55.70220	35,000 ft	36	-
FIX	AWY-HI	105.04400	10,668 m		
UBORA	A920	55.91720	35,000 ft	23	-
FIX	AWY-HI	104.45100	10,668 m		
OSNIK	A920	56.74810	35,000 ft	95	-
FIX	AWY-HI	102.01700	10,668 m		
OMITA	A920	57.68060	35,000 ft	114	-

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
FIX	AWY-HI	98.96000	10,668 m		
BARIK	G490	58.37720	35,000 ft	65	-
FIX	AWY-HI	97.36970	10,668 m		
ADASO	G490	59.24720	35,000 ft	74	-
FIX	AWY-HI	95.67470	10,668 m		
TIKUS	G490	59.43390	35,000 ft	16	-
FIX	AWY-HI	95.27140	10,668 m		
PEDAN	G490	59.59720	35,000 ft	14	-
FIX	AWY-HI	94.91140	10,668 m		
TALOD	G490	59.96720	35,000 ft	32	-
FIX	AWY-HI	94.11140	10,668 m		
KULIM	G490	60.12000	35,000 ft	13	-
FIX	AWY-HI	93.76170	10,668 m		
SEVIK	G490	60.41720	35,000 ft	27	-
FIX	AWY-HI	93.06640	10,668 m		
NIDAT	G490	60.69530	35,000 ft	26	-
FIX	AWY-HI	92.38190	10,668 m		
AGEKA	G490	61.33110	35,000 ft	61	-
FIX	AWY-HI	90.73920	10,668 m		
PTG	G490	61.59890	35,000 ft	26	PODKAMENNAYA TUNGUSKA
VOR	AWY-HI	90.01330	10,668 m		
REMTA	R809	61.83860	35,000 ft	27	-
FIX	AWY-HI	89.18640	10,668 m		
OTRIS	R809	62.24720	35,000 ft	48	-
FIX	AWY-HI	87.71110	10,668 m		
ABREN	R809	63.24390	35,000 ft	103	-
FIX	AWY-HI	84.63920	10,668 m		
DIRUK	R809	63.77060	35,000 ft	58	-
FIX	AWY-HI	82.82440	10,668 m		
TABOS	R809	63.98390	35,000 ft	24	-
FIX	AWY-HI	82.04890	10,668 m		
LOKDI	R809	64.17530	35,000 ft	24	-
FIX	AWY-HI	81.23560	10,668 m		
TARSA	R809	64.91720	35,000 ft	99	-
FIX	AWY-HI	77.78190	10,668 m		
DIKEN	G719	65.05390	35,000 ft	28	-
FIX	AWY-HI	76.69530	10,668 m		
BANIL	G719	65.38030	35,000 ft	76	-
FIX	AWY-HI	73.74720	10,668 m		
GIMIR	G719	65.48220	35,000 ft	26	-
FIX	AWY-HI	72.69860	10,668 m		
OGLES	G719	65.57810	35,000 ft	26	-
FIX	AWY-HI	71.64390	10,668 m		
LAGNI	G719	65.66720	35,000 ft	26	-
FIX	AWY-HI	70.58170	10,668 m		
RODKA	B946	65.73360	35,000 ft	80	-
FIX	AWY-HI	67.31530	10,668 m		
ATSEK	B946	65.73940	35,000 ft	16	-
FIX	AWY-HI	66.63670	10,668 m		
PENIG	B946	65.74250	35,000 ft	13	-
FIX	AWY-HI	66.07360	10,668 m		
OTNIS	B946	65.74110	35,000 ft	37	-
FIX	AWY-HI	64.54500	10,668 m		
NAREK	B946	65.71080	35,000 ft	60	-
FIX	AWY-HI	62.09000	10,668 m		
BILMI	B946	65.43780	35,000 ft	245	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	52.20000	10,668 m		
NARUD	G375	65.29860	35,000 ft	52	-
FIX	AWY-HI	50.14080	10,668 m		
NAKIR	G375	65.08690	35,000 ft	61	-
FIX	AWY-HI	47.74920	10,668 m		
LKN	G375	64.89220	35,000 ft	52	LESHUKONSKOYE
VOR	AWY-HI	45.72640	10,668 m		
KUMEN	G722	64.28330	35,000 ft	80	-
FIX	AWY-HI	42.96420	10,668 m		
MOSOR	A714	63.61500	35,000 ft	131	-
FIX	AWY-HI	38.22920	10,668 m		
KEGUL	A714	63.34170	35,000 ft	46	-
FIX	AWY-HI	36.61420	10,668 m		
OLBAN	A714	63.21830	35,000 ft	23	-
FIX	AWY-HI	35.76920	10,668 m		
SUDEP	A714	62.97500	35,000 ft	44	-
FIX	AWY-HI	34.21920	10,668 m		
KULOR	A714	62.80830	35,000 ft	28	-
FIX	AWY-HI	33.22920	10,668 m		
KOMEK	A714	62.42170	35,000 ft	63	-
FIX	AWY-HI	31.10830	10,668 m		
ROKVI	T351	60.86080	35,000 ft	149	-
FIX	AWY-HI	27.02310	10,668 m		
NITAS	M854	60.17580	35,000 ft	51	-
FIX	AWY-HI	25.97470	10,668 m		
MOHNI	M854	59.89690	35,000 ft	20	-
FIX	AWY-HI	25.58500	10,668 m		
TLL	Q22	59.41130	35,000 ft	36	TALLINN
VOR	AWY-HI	24.83840	10,668 m		
LONSA	Q11	59.08220	35,000 ft	36	-
FIX	AWY-HI	23.83440	10,668 m		
ODVIN	Q11	58.83470	35,000 ft	29	-
FIX	AWY-HI	23.02580	10,668 m		
SUVIX	Q11	58.69060	35,000 ft	16	-
FIX	AWY-HI	22.59330	10,668 m		
PIMEX	Q11	58.21280	35,000 ft	51	-
FIX	AWY-HI	21.21440	10,668 m		
DEREX	P739	57.67280	35,000 ft	45	-
FIX	AWY-HI	20.21080	10,668 m		
KOLJA	P739	56.00000	35,000 ft	150	-
FIX	AWY-HI	16.81470	10,668 m		
ETRUS	M864	55.47340	35,000 ft	50	-
FIX	AWY-HI	15.63480	10,668 m		
GOSOT	Z131	54.80560	35,000 ft	48	-
FIX	AWY-HI	14.85780	10,668 m		
BANUB	Z131	54.46190	35,000 ft	28	-
FIX	AWY-HI	14.29720	10,668 m		
POBOX	UZ131	54.15890	35,000 ft	19	-
FIX	AWY-HI	14.09420	10,668 m		
RODEP	UZ131	53.68610	35,000 ft	31	-
FIX	AWY-HI	13.73140	10,668 m		
TIRMI	UZ131	53.52790	35,000 ft	10	-
FIX	AWY-HI	13.59710	10,668 m		
GUDOP	UZ131	53.02970	35,000 ft	33	-
FIX	AWY-HI	13.17080	10,668 m		
PODUS	UZ717	52.95920	35,000 ft	13	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	12.83060	10,668 m		
RUPIR	UZ130	52.81810	35,000 ft	9	-
FIX	AWY-HI	12.69030	10,668 m		
SOBLU	UZ130	52.39220	35,000 ft	29	-
FIX	AWY-HI	12.27280	10,668 m		
MAG	UN746	51.99500	35,000 ft	29	MAGDEBURG
VOR	AWY-HI	11.79430	10,668 m		
DIBDO	UZ20	51.83970	33,900 ft	12	-
FIX	AWY-HI	11.57390	10,333 m		
KENIG	UZ20	51.61960	30,100 ft	17	-
FIX	AWY-HI	11.26440	9,174 m		
ORTAG	UZ20	51.48680	27,900 ft	10	-
FIX	AWY-HI	11.07980	8,504 m		
BIRKA	UZ20	51.37940	26,000 ft	8	-
FIX	AWY-HI	10.93170	7,925 m		
ERSIL	T177	51.05060	19,300 ft	31	-
FIX	AWY-LO	10.28660	5,883 m		
EDDF	-	50.03260	0 ft	90	Frankfurt
APT	-	8.54067	0 m		

NZAA

Region: NEW ZEALAND AND ANTARCTICA
Timezone: PACIFIC/AUCKLAND
Runways: 1
Elevation: 23 ft / 7 m
Location: -37.008100 174.792000
Magnetic Var: 20.172 E

METAR

NZAA 290500Z AUTO 22020KT 9999 FEW042/// 17/09 Q1009

TAF

TAF NZAA 290209Z 2903/3006 24020KT 9999 -SHRA FEW030 BKN050 FM290900 18010KT 9999 FEW030 BECMG 2920/2922 20020KT

Frequencies

REC - 127.80 MHz - ATIS
GND - 121.90 MHz - AUCKLAND GROUND
TWR - 120.95 MHz - AUCKLAND TOWER
APP - 120.10 MHz - AUCKLAND APPROACH
APP - 129.50 MHz - AUCKLAND APPROACH
REC - 127.00 MHz - ATIS
TWR - 118.70 MHz - AUCKLAND TOWER
CLD - 128.20 MHz - CLEARANCE DELIVERY
APP - 124.30 MHz - AUCKLAND APPROACH
APP - 129.60 MHz - AUCKLAND APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	151 ft 46 m	12,040 ft 3,670 m	70.92 50.75	CONCRETE	1,250 ft 381 m	0 ft 0 m
23L	151 ft 46 m	12,040 ft 3,670 m	250.90 230.73	CONCRETE	0 ft 0 m	131 ft 40 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05R	DME	IAA	110.30 MHz	18 nm 33 km	- -	-	23 ft 23 m
23L	DME	IMG	109.90 MHz	18 nm 33 km	- -	-	23 ft 23 m
05R	LOC-ILS	IAA	110.30 MHz	18 nm 33 km	70.91 50.74	-	23 ft 23 m
23L	LOC-ILS	IMG	109.90 MHz	18 nm 33 km	250.91 230.74	-	23 ft 23 m
05R	GS	IAA	110.30 MHz	10 nm 19 km	70.91 50.74	3.00	23 ft 23 m
23L	GS	IMG	109.90 MHz	10 nm 19 km	250.91 230.74	3.00	23 ft 23 m

EDDF

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 4

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.158 E

METAR

EDDF 290450Z AUTO 36003KT 310V050 9999 -RA FEW033 06/04 Q0997 TEMPO 12005KT RA

TAF

TAF AMD EDDF 290049Z 2900/3006 04005KT CAVOK BECMG 2902/2906 12005KT BKN045 PROB40 TEMPO 2903/2919 RA BKN014 BECMG

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 MHz - LANGEN RADAR
APP - 119.02 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft 45 m	9,194 ft 2,802 m	69.56 66.40	CONCRETE	0 ft 0 m	0 ft 0 m
25R	148 ft 45 m	9,194 ft 2,802 m	249.59 246.43	CONCRETE	0 ft 0 m	0 ft 0 m
07C	197 ft 60 m	13,134 ft 4,003 m	69.57 66.41	ASPHALT	0 ft 0 m	203 ft 62 m
25C	197 ft 60 m	13,134 ft 4,003 m	249.61 246.45	ASPHALT	0 ft 0 m	935 ft 285 m
07R	148 ft 45 m	13,134 ft 4,003 m	69.59 66.43	ASPHALT	0 ft 0 m	213 ft 65 m
25L	148 ft 45 m	13,134 ft 4,003 m	249.63 246.47	ASPHALT	0 ft 0 m	1,775 ft 541 m
18	148 ft 45 m	13,083 ft 3,988 m	179.64 176.48	ASPHALT	0 ft 0 m	0 ft 0 m
36	148 ft 45 m	13,083 ft 3,988 m	359.64 356.48	ASPHALT	0 ft 0 m	121 ft 37 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm 33 km	- -	-	357 ft 357 m
25C	DME	IFCW	111.55 MHz	18 nm 33 km	- -	-	364 ft 364 m
25R	DME	IFNW	111.35 MHz	18 nm 33 km	- -	-	357 ft 357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.43		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.42		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.45		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.43		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.45		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.42		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.43		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.42		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.45		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.43		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.45		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.42		362 m