

# Aerodrome Data and Frequencies

**Caucasus**

2

**Mariana Islands**

4

**Nevada**

5

**Normandy**

7

**Persian Gulf**

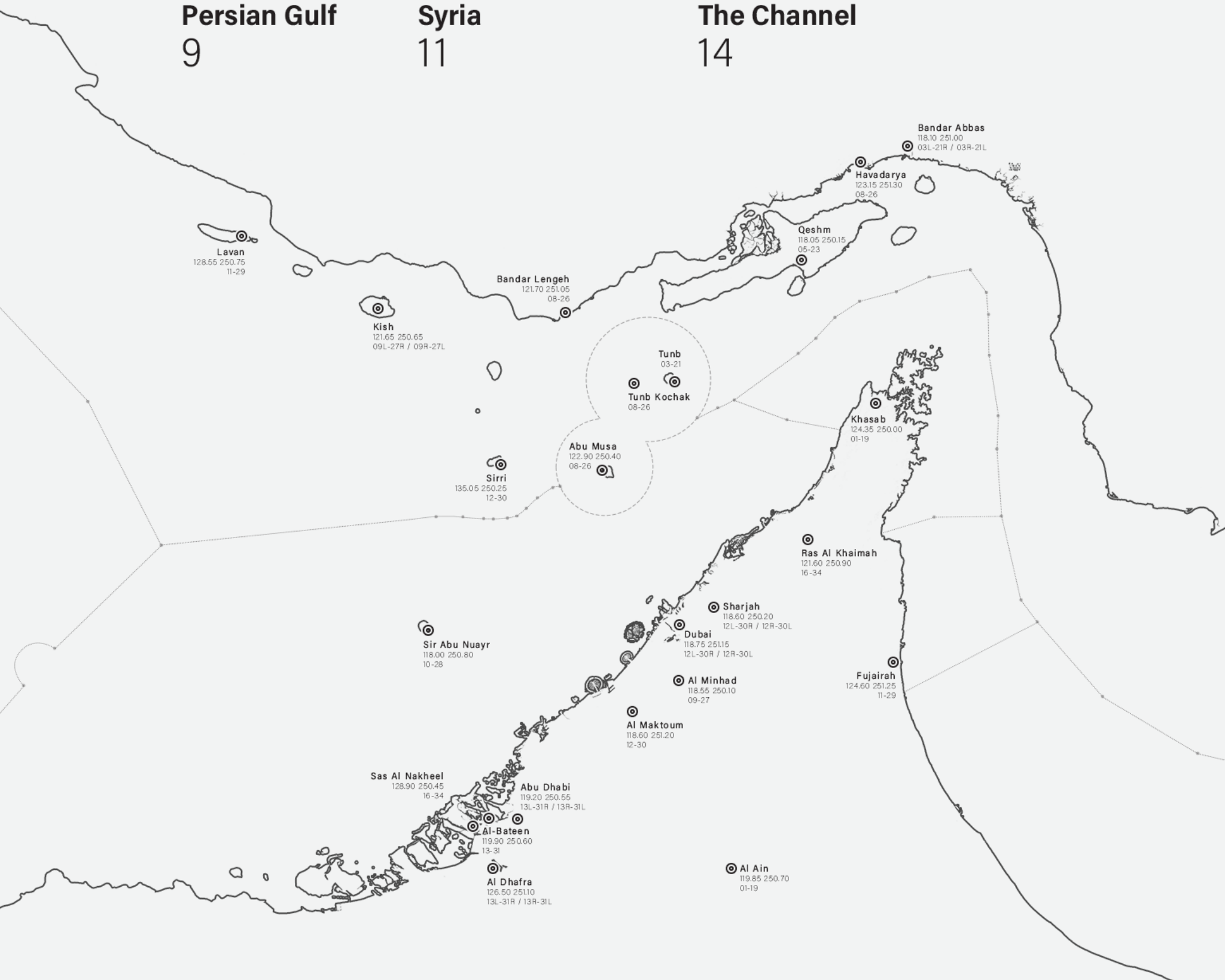
9

**Syria**

11

**The Channel**

14

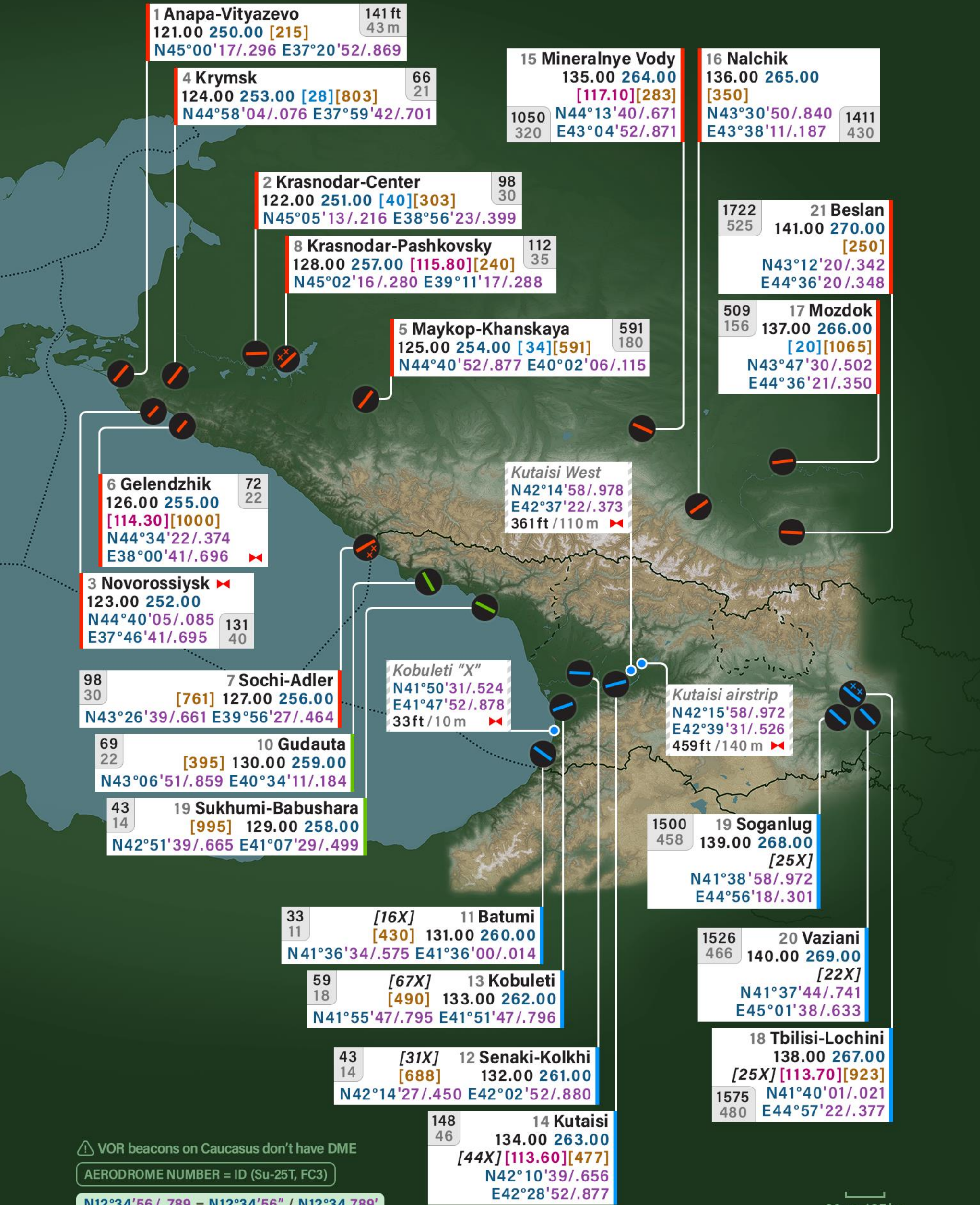


ID (GE)ORGIA, (AB)KHAZIA	ELEV. METERS FEET DEG° MIN 'SEC / .DCML	TCN RSBN VOR NDB	VHF HF UHF FM	ILS or PRMG	NDB OUTER INNER	MAGNETIC HDG RWY	
1 <b>Anapa-Vityazevo</b> URKA RU N45°00'17/.296 E37°20'52/.869	43 141		121.00 3.750 250.00 38.40		443 > 215 > 035° 04 443 > 215 > 215° 22	035° 04 215° 22	↙
11 <b>Batumi</b> UGSB GE N41°36'34/.575 E41°36'00/.014	11 33	16X 430	131.00 4.250 260.00 40.40		110.30 > 120° 13	120° 13 300° 31	↘
21 <b>Beslan</b> URMO RU N43°12'20/.342 E44°36'20/.348	525 1722		141.00 4.750 270.00 42.40	110.50 > 1050 > 250 >	086° 10 266° 28	086° 10 266° 28	—
6 <b>Gelendzhik</b> URKG RU N44°34'22/.374 E38°00'41/.696	22 72	114.30 1000	126.00 4.000 255.00 39.40		034° 01 214° 19	034° 01 214° 19	↗
10 <b>Gudauta</b> UG23 AB N43°06'51/.859 E40°34'11/.184	22 69		130.00 4.200 259.00 40.20		145° 15 --- > 395 > 325° 33	145° 15 325° 33	↘
13 <b>Kobuleti (Ozurgeti)</b> UG5X GE N41°55'47/.795 E41°51'47/.796	18 59	67X	133.00 4.350 262.00 40.80	111.50 > 870 > 490 >	064° 07 244° 25	064° 07 244° 25	↘
2 <b>Krasnodar-Center</b> URKL RU N45°05'13/.216 E38°56'23/.399	30 98	40	122.00 3.800 251.00 38.60	38 > 625 > 303 >	081° 09 625 > 303 > 261° 27	081° 09 261° 27	—
8 <b>Krasnodar-Pashkovsky</b> URKK RU N45°02'16/.280 E39°11'17/.288	35 112	115.80	128.00 4.100 257.00 39.80		493 > 240 > 040° 05 493 > 240 > 220° 23	040° 05 220° 23	↗
4 <b>Krymsk</b> URKW RU N44°58'04/.076 E37°59'42/.701	21 66	28	124.00 3.900 253.00 39.00	26 > 408 > 803 >	033° 04 26 > 408 > 803 > 213° 22	033° 04 213° 22	↙
14 <b>Kutaisi (Kopitnari)</b> UGKO GE N42°10'39/.656 E42°28'52/.877	46 148	44X 113.60	134.00 4.400 263.00 41.00	109.75 > --- > 477 >	068° 07 248° 25	068° 07 248° 25	—
5 <b>Maykop-Khanskaya</b> URKH RU N44°40'52/.877 E40°02'06/.115	180 591	34	125.00 3.950 254.00 39.20	36 > 289 > 591 >	032° 04 289 > 591 > 212° 22	032° 04 212° 22	↙
15 <b>Mineralnye Vody</b> URMM RU N44°13'40/.671 E43°04'52/.871	320 1050	117.10	135.00 4.450 264.00 41.20	111.70 > 583 > 283 > 109.30 > 583 > 283 >	109° 12 289° 30	109° 12 289° 30	↘
17 <b>Mozdok</b> XRMF RU N43°47'30/.502 E44°36'21/.350	156 509	20	137.00 4.550 266.00 41.60	22 > 525 > 1065 > 22 > 525 > 1065 >	077° 08 257° 26	077° 08 257° 26	—
16 <b>Nalchik</b> URMN RU N43°30'50/.840 E43°38'11/.187	430 1411		136.00 4.500 265.00 41.40	110.50 > 718 > 350 >	049° 06 229° 24	049° 06 229° 24	↘
3 <b>Novorossiysk</b> URKN RU N44°40'05/.085 E37°46'41/.695	40 131		123.00 3.850 252.00 38.80		036° 04 216° 22	036° 04 216° 22	↗
12 <b>Senaki-Kolkhi</b> UGKS GE N42°14'27/.450 E42°02'52/.880	14 43	31X	132.00 4.300 261.00 40.60	108.90 > 335 > 688 >	089° 09 269° 27	089° 09 269° 27	—
7 <b>Sochi-Adler</b> URSS RU N43°26'39/.661 E39°56'27/.464	30 98		127.00 4.050 256.00 39.60	111.10 > --- > 761 >	056° 06 236° 24	056° 06 236° 24	↗
19 <b>Soganlug</b> UG24 GE N41°38'58/.972 E44°56'18/.301	458 1500	25X	139.00 4.650 268.00 42.00		126° 14 306° 32	126° 14 306° 32	↘
9 <b>Sukhumi-Babushara</b> UGSS AB N42°51'39/.665 E41°07'29/.499	14 43		129.00 4.150 258.00 40.00		111° 12 489 > 995 > 291° 30	111° 12 291° 30	↘
18 <b>Tbilisi-Lochini</b> UGTB GE N41°40'01/.021 E44°57'22/.377	480 1575	25X 113.70	138.00 4.600 267.00 41.80	110.30 > 342 > 923 > 108.90 > 211 > 435 >	122° 13 302° 31	122° 13 302° 31	↗
20 <b>Vaziani</b> UG27 GE N41°37'44/.741 E45°01'38/.633	466 1526	22X	140.00 4.700 269.00 42.20		108.75 > 130° 13 108.75 > 310° 31	130° 13 310° 31	↘
<b>CLOSED, LANDABLE (HELI/STOL):</b>							
<i>Kobuleti "X" (parachute school)</i> GE N41°50'31/.524 E41°47'52/.878	10 33		N/A		026° XX - XX 206° 157° XX - XX 337°	026° XX - XX 206° 157° XX - XX 337°	X
<i>Kutaisi airstrip (heliport)</i> GE N42°15'58/.972 E42°39'31/.526	140 459		N/A		082° XX - XX 262°	082° XX - XX 262°	—
<i>Kutaisi West</i> GE N42°14'58/.978 E42°37'22/.373	110 361		N/A		082° XX - XX 262°	082° XX - XX 262°	—

01 - RUNWAY SHORTER THAN 6000 ft / 1800 m

\*Add to the provided magnetic headings when flying in these years:

2014-2006: +1° 2005-1981: +2° 1980-1954: +3° 1953-1940: +4°



⚠ VOR beacons on Caucasus don't have DME

AERODROME NUMBER = ID (Su-25T, FC3)

N12°34'56 / .789 = N12°34'56" / N12°34.789'

20nm / 37km

# AD Mariana Islands

Provided magnetic headings are valid from 2013 to 2025\*  
TRUE (F10 map) to MAGNETIC in 2013-2025: +1 deg

DimOn

ID	DEG° MIN 'SEC / .DCML			ELEV. FT M	RUNWAY / MAGNETIC HEADING / ILS			
	VHF	UHF	HF		FM	06 - SHORTER THAN 6000 ft / 1800m		
6	<b>Andersen AFB</b> PGUA			606 185	109.30	067°	06L - 24R	247° 109.35
	N 13°34'54/.902				110.10	067°	06R - 24L	247° 110.15
	E144°55'51/.863				TACAN 54X =			
	126.20	250.10	3.850	38.60				
4	<b>Antonio B. Won Pat</b> PGUM			255 86	110.30	066°	06L - 24R	246°
	N 13°29'05/.086				110.90	066°	06R - 24L	246°
	E144°47'48/.809				TACAN 105X VOR 115.80 NDB 385 =			
	118.10	340.20	3.825	38.55				
8	<b>North West Field</b>			522 160	064° XX - XX 244°			
	N 13°37'30/.508				CLOSED, LANDABLE			
	E144°51'29/.487				xxx			
5	<b>Olf Orote</b>			94 29	067° XX - XX 247°			
	N 13°26'17/.291				CLOSED, LANDABLE			
	E144°38'31/.532				(HELI/STOL) -			
7	<b>Pagan Airstrip</b>			49 15	112° XX - XX 292°			
	N 18°07'23/.396				CLOSED, LANDABLE, GRASS			
	E145°45'46/.770				(HELI/STOL) -			
1	<b>Rota</b> PGR0			569 173	093° 09 - 27 273°			
	N 14°10'27/.462							
	E145°14'27/.465				NDB 332 -			
	123.60	250.00	3.750	38.40				
2	<b>Saipan</b> PGSN			213 65	069° 06 - 24 249°			
	N 15°07'08/.135				109.90	069°	07 - 25	249°
	E145°43'44/.747				NDB 312 =			
	125.70	256.90	3.775	38.45				
3	<b>Tinian</b> PGWT			284 87	080° 08 - 26 260°			
	N 14°59'57/.951							
	E145°37'09/.150				-			
	123.65	250.05	3.800	38.50				

N12°34'56/.789 = N12°34'56" / N12°34.789'

\*Subtract from the provided magnetic headings  
when flying in this period: 2012-1940: -1°

**Farallon de Pajaros**  
N 20°32'37"  
E144°53'34"

**Maug**  
N 20°01'19"  
E145°13'18"

**Asuncion**  
N 19°41'27"  
E145°24'22"

**Agrihan**  
N 18°46'37"  
E145°40'07"

**Pagan**  
N 18°07'23"  
E145°45'45" 7 Pagan  
(CLOSED)

**Alamagan**  
N 17°35'36"  
E145°49'57"

**Guguan**  
N 17°18'38"  
E145°50'26"

**Sarigan**  
N 16°42'12"  
E145°46'41"

**Anatahan**  
N 16°21'14"  
E145°40'49"

**Farallon de Medinilla**  
N 16°01'02"  
E146°03'31"

810x700nm



20 nm / 37 km

AERODROME NUMBER = ID (Su-25T, FC3)

Philippine Sea

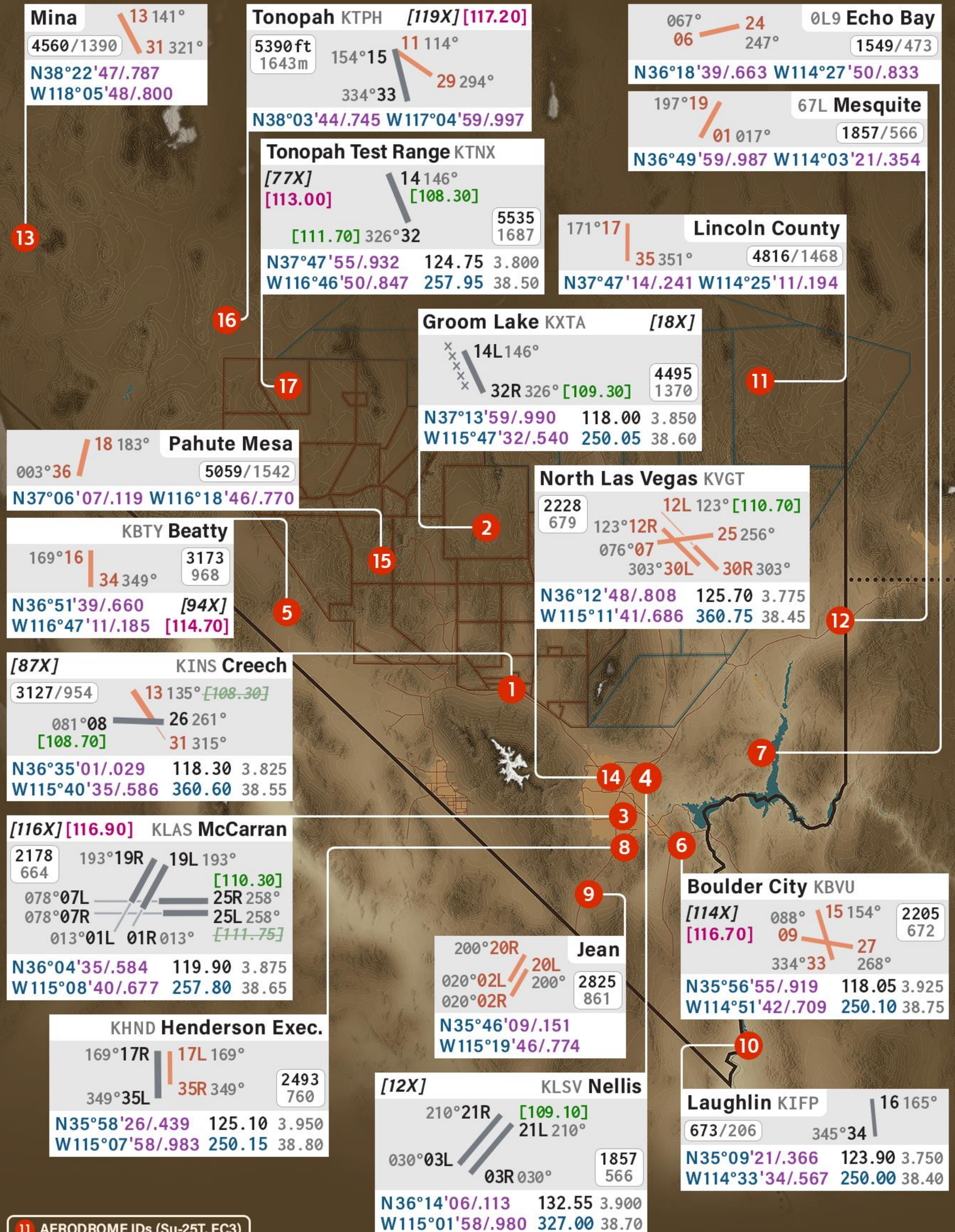
2 Saipan  
3 Tinian  
Aguijan

1 Rota  
North Pacific Ocean

8 North West Field (CLOSED)  
4 Antonio B. Won Pat  
6 Andersen AFB  
5 Olf Orote (CLOSED)  
Guam

ID	ELEV. METERS FEET DEG° MIN 'SEC / .DCML	TACAN VOR	VHF HF		RUNWAY / MAGNETIC HEADING / ILS			16 - RUNWAY SHORTER THAN 6000 ft/1800 m	
			UHF	FM					
5	<b>Beatty</b> KBTY N36°51'39/.660 W116°47'11/.185	94X 114.70	N/A		169° 16 - 34	349°			
6	<b>Boulder City</b> KBVU N35°56'55/.919 W114°51'42/.709	114X 116.70	118.05 250.10	3.925 38.75	088° 09 - 27 154° 15 - 33	268° 334°		+	
1	<b>Creech</b> KINS N36°35'01/.029 W115°40'35/.586	87X	118.30 360.60	3.825 38.55	108.70 <del>108.30</del>	081° 08 - 26 135° 13 - 31	261° 315°	-	
7	<b>Echo Bay</b> 0L9 N36°18'39/.663 W114°27'50/.833		N/A		067° 06 - 24	247°		-	
2	<b>Groom Lake</b> KXTA N37°13'59/.990 W115°47'32/.540	18X	118.00 250.05	3.850 38.60	146° 14L - 32R CLOSED 14R - 32L	326° 109.30 CLOSED		XXXX	
8	<b>Henderson Exec.</b> KHND N35°58'26/.439 W115°07'58/.983		125.10 250.15	3.950 38.80	169° 17L - 35R 169° 17R - 35L	349° 349°			
9	<b>Jean</b> N35°46'09/.151 W115°19'46/.774		N/A		020° 02L - 20R 020° 02R - 20L	200° 200°		//	
10	<b>Laughlin, AZ</b> KIFP N35°09'21/.366 W114°33'34/.567		123.90 250.00	3.750 38.40	165° 16 - 34	345°			
11	<b>Lincoln County</b> N37°47'14/.241 W114°25'11/.194		N/A		171° 17 - 35	351°			
3	<b>McCarran Intl</b> KLAS N36°04'35/.584 W115°08'40/.677	116X 116.90	119.90 257.80	3.875 38.65	013° 01L - 19R 013° 01R - 19L 078° 07L - 25R 078° 07R - 25L	193° 193° 110.30 111.75		=	
12	<b>Mesquite</b> 67L N36°49'59/.987 W114°03'21/.354		N/A		017° 01 - 19	197°		/	
13	<b>Mina</b> N38°22'47/.787 W118°05'48/.800		N/A		141° 13 - 31	321°		\	
4	<b>Nellis</b> KLSV N36°14'06/.113 W115°01'58/.980	12X	132.55 327.00	3.900 38.70	030° 03L - 21R 030° 03R - 21L	210° 109.10			
					RWY 21L TDZ: N36°14.603' W115°01.448'				
14	<b>North Las Vegas</b> KVGT N36°12'48/.808 W115°11'41/.686		125.70 360.75	3.775 38.45	076° 07 - 25 110.70 123° 12L - 30R	256° 303°		-	
					123° 12R - 30L 303°				
15	<b>Pahute Mesa</b> N37°06'07/.119 W116°18'46/.770		N/A		183° 18 - 36	003°		/	
16	<b>Tonopah</b> KTPH N38°03'44/.745 W117°04'59/.997	119X 117.20	N/A		114° 11 - 29 154° 15 - 33	294° 334°		-	
17	<b>Tonopah Test Range</b> KTNX N37°47'55/.932 W116°46'50/.847	77X 113.00	124.75 257.95	3.800 38.50	108.30 146° 14 - 32	326° 111.70		\	

\*Subtract from the provided magnetic headings when flying in these years:  
2014-2006: -1° 2005-1997: -2° 1996-1940: -3°



11 AERODROME IDs (Su-25T, FC3)

RUNWAY SHORTER THAN 6000 ft / 1800 m

N12°34'56 / .789 = N12°34'56" / N12°34.789'

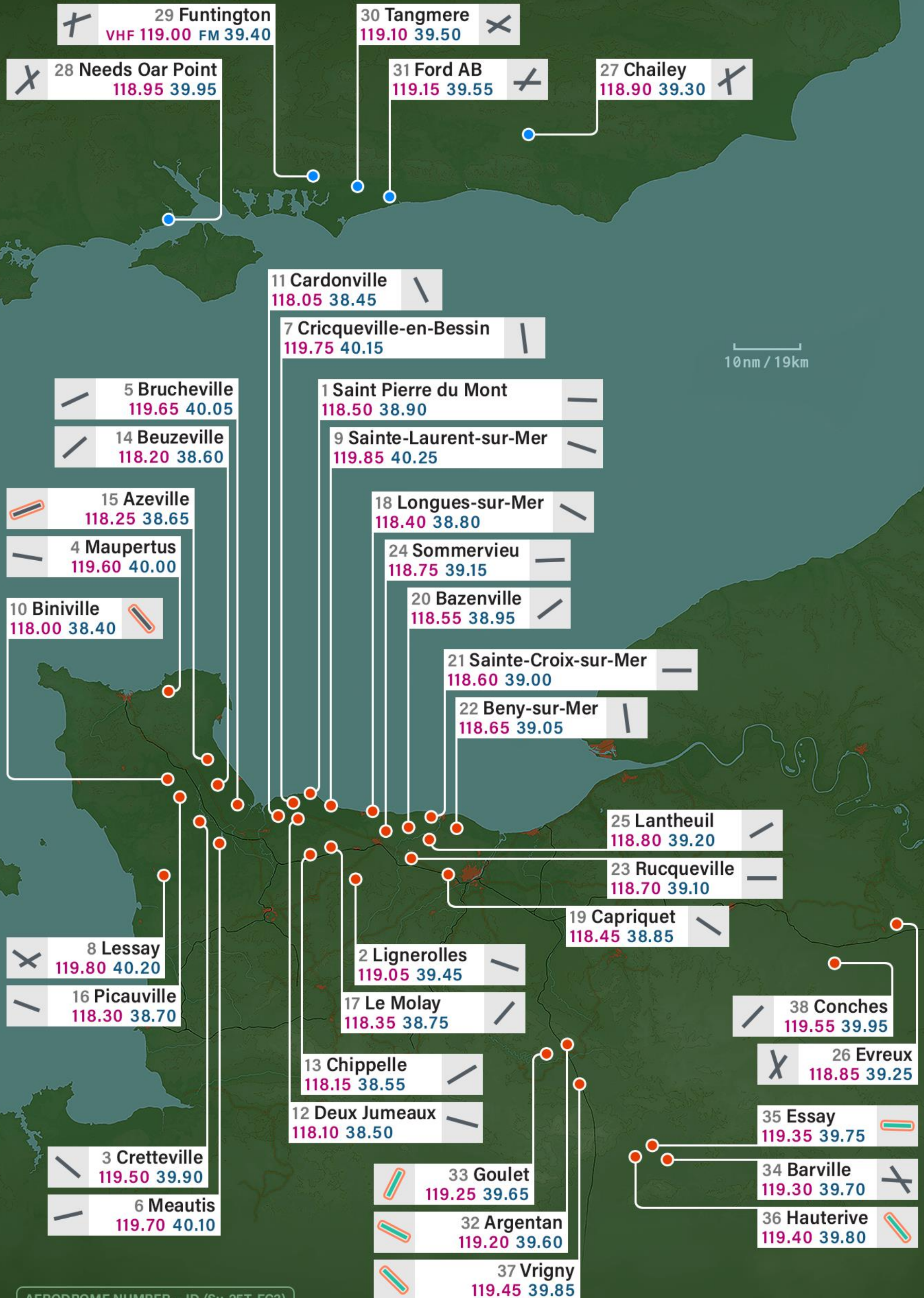
20 nm / 37km

\*Subtract from the provided magnetic headings when flying in these years:  
2014-2006: -1° 2005-1997: -2° 1996-1940: -3°

ID	France	ELEV. METERS FEET		VHF	FM	UHF	HF	MAGNETIC HDG / 128° - GRASS RWY		
								12 - SHORTER THAN 3500 ft / 1000m		
32	Argentan	195	640	119.20	39.60	251.20	4.350	128° 12	- 30 308°	
15	Azeville	23	75	118.25	38.65	250.25	3.875	081° 07	- 25 261°	
34	Barville	142	463	119.30	39.70	251.30	4.400	106° 10 - 28 286°	157° 15 - 33 337°	
20	Bazenville	61	200	118.55	38.95	250.55	4.025	064° 05	- 23 244°	
22	Beny-sur-Mer	61	199	118.65	39.05	250.65	4.075	183° 17	- 35 003°	
14	Beuzeville	35	114	118.20	38.60	250.20	3.850	060° 05	- 23 240°	
10	Biniville	33	107	118.00	38.40	250.00	3.750	151° 14	- 32 331°	
5	Brucheville	14	46	119.65	40.05	251.65	4.575	077° 07	- 25 257°	
19	Carpiquet	57	187	118.45	38.85	250.45	3.975	134° 12	- 30 314°	
11	Cardonville	31	102	118.05	38.45	250.05	3.775	165° 15	- 33 345°	
13	Chippelle	38	125	118.15	38.55	250.15	3.825	071° 06	- 24 251°	
38	Conches	165	541	119.55	39.95	251.55	4.525	053° 04	- 22 233°	
3	Cretteville	29	95	119.50	39.90	251.50	4.500	141° 13	- 31 321°	
7	Cricqueville-en-Bessin	25	81	119.75	40.15	251.75	4.625	184° 17	- 35 004°	
12	Deux Jumeaux	38	124	118.10	38.50	250.10	3.800	116° 10	- 28 296°	
35	Essay	156	509	119.35	39.75	251.35	4.425	105° 09	- 27 285°	
26	Evreux	129	423	118.85	39.25	250.85	4.175	174° 16 - 34 354°	044° 03 - 21 224°	
33	Goulet	188	617	119.25	39.65	251.25	4.375	037° 03	- 21 217°	
36	Hauterive	145	476	119.40	39.80	251.40	4.450	153° 14	- 32 333°	
25	Lantheuil	54	175	118.80	39.20	250.80	4.150	071° 06	- 24 251°	
17	Le Molay	32	105	118.35	38.75	250.35	3.925	052° 04	- 22 232°	
8	Lessay	21	66	119.80	40.20	251.80	4.650	074° 06 - 24 254°	135° 12 - 30 315°	
2	Lignerolles	124	405	119.05	39.45	251.05	4.275	121° 11	- 29 301°	
18	Longues-sur-Mer	69	225	118.40	38.80	250.40	3.950	131° 12	- 30 311°	
4	Maupertus	135	441	119.60	40.00	251.60	4.550	112° 10	- 28 292°	
6	Meautis	26	83	119.70	40.10	251.70	4.600	091° 08	- 26 271°	
16	Picauville	23	73	118.30	38.70	250.30	3.900	121° 11	- 29 301°	
23	Rucqueville	59	193	118.70	39.10	250.70	4.100	101° 09	- 27 281°	
1	Saint Pierre du Mont	32	103	118.50	38.90	250.50	4.000	103° 09	- 27 283°	
21	Sainte-Croix-sur-Mer	49	160	118.60	39.00	250.60	4.050	101° 09	- 27 281°	
9	Sainte-Laurent-sur-Mer	46	148	119.85	40.25	251.85	4.675	118° 11	- 29 298°	
24	Sommervieu	57	187	118.75	39.15	250.75	4.125	097° 09	- 27 277°	
37	Vrigny	181	591	119.45	39.85	251.45	4.475	146° 14	- 32 326°	
<b>England</b>										
27	Chailey	42	135	118.90	39.30	250.90	4.200	065° 05 - 23 245°	183° 17 - 35 003°	
31	Ford AB	9	29	119.15	39.55	251.15	4.325	049° 04 - 22 229°	099° 09 - 27 279°	
29	Funtington	51	165	119.00	39.40	251.00	4.250	022° 01 - 19 202°	084° 07 - 25 264°	
28	Needs Oar Point	10	30	118.95	39.35	250.95	4.225	057° 05 - 23 237°	176° 16 - 34 356°	
30	Tangmere	15	48	119.10	39.50	251.10	4.300	069° 06 - 24 249°	120° 11 - 29 300°	

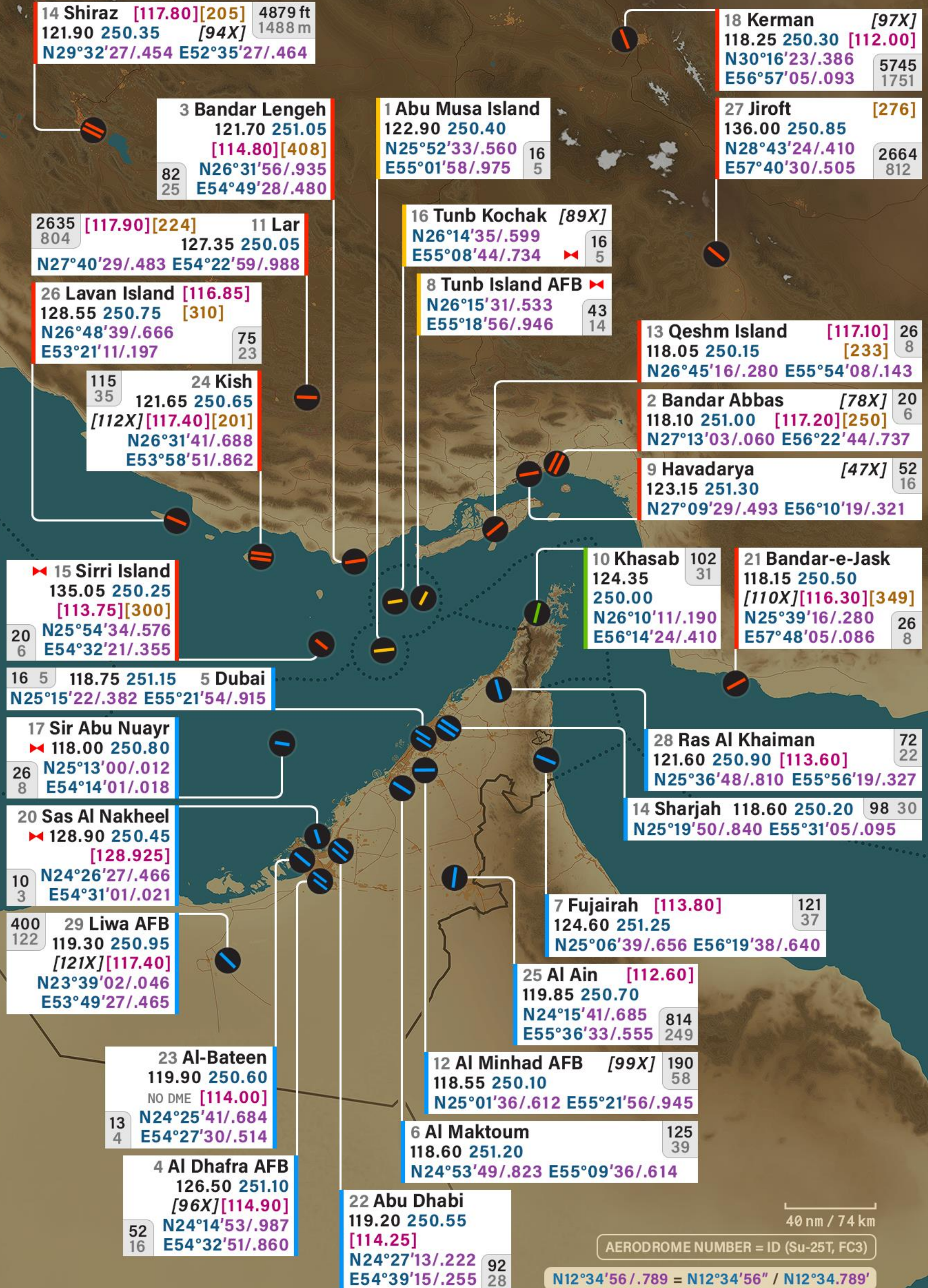
\* Subtract from the provided magnetic headings when flying in these years:

1950-1959: -1° 1960-1964: -2° 1965-1969: -3° 1970-1974: -4° 1975-1979: -5°  
1980-1989: -6° 1990-1994: -7° 1995-2004: -8° 2005-2009: -9° 2010-2025: -10°



ID	ELEV. METERS FEET	TACAN NDB	VHF HF	RUNWAY / MAGNETIC HEADING / ILS
*C - CONTESTED	DEG° MIN 'SEC / .DCML	VOR	UHF FM	16 - SHORTER THAN 6000 ft / 1800m
22 Abu Dhabi OMAA	28 92	114.25	119.20 4.050	128° 13L - 31R 308°
AE N24°27'13/.222 E54°39'15/.255			250.55 39.00	128° 13R - 31L 308°
1 Abu Musa Island OIBA	5 16		122.90 3.975	083° 08 - 26 263°
*C N25°52'33/.560 E55°01'58/.975			250.40 38.85	
25 Al Ain OMAL	249 814	112.60	119.85 4.125	007° 01 - 19 187°
AE N24°15'41/.685 E55°36'33/.555			250.70 39.15	
4 Al Dhafra AFB OMAM	16 52	96X	126.50 4.300	111.10 127° 13L - 31R 307° 109.10
AE N24°14'53/.987 E54°32'51/.860		114.90	251.10 39.50	<del>108.70</del> 127° 13R - 31L 307° <del>108.70</del>
6 Al Maktoum OMDW	39 125		118.60 4.350	111.75 121° 12 - 30 301° 109.75
AE N24°53'49/.823 E55°09'36/.614			251.20 39.60	
12 Al Minhad AFB OMDM	58 190	99X	118.55 3.800	110.70 089° 09 - 27 269° 110.75
AE N25°01'36/.612 E55°21'56/.945			250.10 38.50	
23 Al-Bateen OMAD	4 13	114.00	119.90 4.075	128° 13 - 31 308°
AE N24°25'41/.684 E54°27'30/.514		NO DME	250.60 39.05	
2 Bandar Abbas OIKB	6 20	78X 250	118.10 4.250	027° 03L - 21R 207°
IR N27°13'03/.060 E56°22'44/.737		117.20	251.00 39.40	027° 03R - 21L 207° 109.90
3 Bandar Lengeh OIBL	25 82	408	121.70 4.275	079° 08 - 26 259°
IR N26°31'56/.935 E54°49'28/.480		114.80	251.05 39.45	
21 Bandar-e-Jask OIZJ	8 26	110X 349	118.15 4.025	061° 06 - 24 241°
IR N25°39'16/.280 E57°48'05/.086		116.30	250.50 38.95	
5 Dubai OMDB	5 16		118.75 4.325	110.10 121° 12L - 30R 301° 110.90
AE N25°15'22/.382 E55°21'54/.915			251.15 39.55	<del>109.50</del> 121° 12R - 30L 301° <del>111.30</del>
7 Fujairah OMJF	37 121	113.80	124.60 4.375	112° 11 - 29 292° 111.50
AE N25°06'39/.656 E56°19'38/.640			251.25 39.65	
9 Havadarya OIKP	16 52	47X	123.15 4.400	108.90 078° 08 - 26 258°
IR N27°09'29/.493 E56°10'19/.321			251.30 39.70	
27 Jiroft OIKJ	812 2664	276	136.00 4.175	127° 13 - 31 307°
IR N28°43'24/.410 E57°40'30/.505			250.85 39.25	
18 Kerman OIKK	1751 5745	97X	118.25 3.925	157° 16 - 34 337°
IR N30°16'23/.386 E56°57'05/.093		112.00	250.30 38.75	
10 Khasab OOKB	31 102		124.35 3.750	013° 01 - 19 193° 110.30
OM N26°10'11/.190 E56°14'24/.410			250.00 38.40	NO LANDING ^^
24 Kish OIBK	35 115	112X 201	121.65 4.100	095° 09L - 27R 275°
IR N26°31'41/.688 E53°58'51/.862		117.40	250.65 39.10	095° 09R - 27L 275°
11 Lar OISL	804 2635	224	127.35 3.775	089° 09 - 27 269°
IR N27°40'29/.483 E54°22'59/.988		117.90	250.05 38.45	
26 Lavan Island OIBV	23 75	310	128.55 4.150	111° 11 - 29 291°
IR N26°48'39/.666 E53°21'11/.197		116.85	250.75 39.20	
29 Liwa AFB OMLW	122 400	121X	119.30 4.225	131° 13 - 31 311°
AE N23°39'02/.046 E53°49'27/.465		117.40	250.95 39.35	
13 Qeshm Island OIKQ	8 26	233	118.05 3.825	049° 05 - 23 229°
IR N26°45'16/.280 E55°54'08/.143		117.10	250.15 38.55	
28 Ras Al Khaiman OMRK	22 72	113.60	121.60 4.200	164° 16 - 34 344°
AE N25°36'48/.810 E55°56'19/.327			250.90 39.30	
20 Sas Al Nakheel OMNK	3 10	128.925	128.90 4.000	161° 16 - 34 341°
AE N24°26'27/.466 E54°31'01/.021			250.45 38.90	
14 Sharjah OMSJ	30 98		118.60 3.850	108.55 122° 12L - 30R 302° 111.95
AE N25°19'50/.840 E55°31'05/.095			250.20 38.60	122° 12R - 30L 302°
19 Shiraz OISS	1488 4879	94X 205	121.90 3.950	115° 11L - 29R 295°
IR N29°32'27/.454 E52°35'27/.464		117.80	250.35 38.80	115° 11R - 29L 295° 108.50
17 Sir Abu Nuayr OMSN	8 26		118.00 3.900	099° 10 - 28 279°
AE N25°13'00/.012 E54°14'01/.018			250.80 38.70	
15 Sirri Island OIBS	6 20	300	135.05 3.875	126° 12 - 30 306°
IR N25°54'34/.576 E54°32'21/.355		113.75	250.25 38.65	
8 Tunb Island AFB OIGI	14 43		N/A	027° 03 - 21 207°
*C N26°15'31/.533 E55°18'56/.946				
16 Tunb Kochak OITK	5 16	89X	N/A	081° 08 - 26 261°
*C N26°14'35/.599 E55°08'44/.734				

\*Add to the provided magnetic headings when flying in this period: 2009-1940: +1°



40 nm / 74 km

AERODROME NUMBER = ID (Su-25T, FC3)

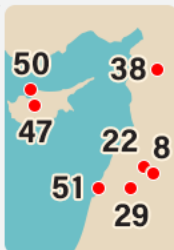
N12°34'56 / .789 = N12°34'56" / N12°34.789'

ID	A-K	ELEV. METERS FEET		TACAN VOR NDB	VHF UHF	HF FM	RUNWAY / MAGNETIC HEADING / ILS						
		DEG°	MIN 'SEC / .DCML				09	-	SHORTER THAN 6000 ft / 1800 m				
1	Abu al-Duhur	OS57	250 820		122.20	4.000	089°	09	- 27	269°	—		
SY	N35°43'56/.938 E37°06'14/.247				250.45	38.90							
2	Adana Sakirpasa	LTAf	17 56	112.70	121.10	4.275	108.70	051°	05	- 23	231°	↘	
TK	N36°58'54/.913 E35°16'48/.800			395	251.00	39.45							
43	Akrotiri	LCRA	21 69	107X	128.00	4.625		107°	10	- 28	287°	109.70	↘
UK	N34°35'25/.422 E32°59'15/.266			365	251.70	40.15							
3	Al Qusayr	OS70	527 1729		119.20	4.550		098°	10	- 28	278°	—	
SY	N34°34'09/.156 E36°34'17/.287				251.55	40.00							
9	Al-Dumayr	OS61	630 2067		120.30	4.975		062°	06	- 24	242°	↘	
SY	N33°36'34/.581 E36°44'56/.949				252.40	40.85							
27	Aleppo	OSAP	383 1254	114.50	119.10	4.200		093°	09	- 27	273°	—	
SY	N36°10'50/.837 E37°13'27/.462			396	250.85	39.30							
4	An Nasiriyah	OS64	839 2750		122.30	4.775		041°	04	- 22	221°	↘	
SY	N33°55'06/.116 E36°51'57/.950				252.00	40.45							
21	Bassel Al-Assad	OSLK	28 92	114.80	118.10	4.050		174°	17L - 35R	354°			
SY	N35°24'06/.100 E35°57'01/.023			414	250.55	39.00	109.10	174°	17R - 35L	354°			
6	Beirut Rafic Hariri	OLBA	12 39	112.60	118.90	4.900	110.70	030°	03	- 21	210°	↘	
LB	N33°49'38/.636 E35°29'15/.261			351	252.25	40.70	110.10	164°	16	- 34	344°		
							109.50	175°	17	- 35	355°		
7	Damascus	OSDI	612 2008	116.00	118.50	4.925		046°	05L - 23R	226°	109.90	↘	
SY	N33°25'31/.530 E36°31'06/.110			264, 342	252.30	40.75	111.10	046°	05R - 23L	226°			
48	Ercan	LCEN	95 312	117.00	120.20	4.750		111°	11	- 29	291°	108.30	↘
CY	N35°09'18/.308 E33°30'06/.101				251.95	40.40		MISPLACED, NO G/S			^^^^^^		
10	Eyn Shemer	LLES	34 110	112.40	123.40	3.750		096°	09	- 27	276°	—	
IL	N32°26'27/.451 E35°00'27/.454				250.00	38.40							
11	Gaziantep	LTAJ	698 2290	116.70	120.10	3.775		101°	10	- 28	281°	109.10	↘
TK	N36°56'52/.878 E37°28'44/.745			432	250.05	38.45							
41	Gazipasa	LTFG	40 130	316	119.25	4.600	108.50	081°	08	- 26	261°	—	
TK	N36°17'56/.935 E32°17'51/.857				251.65	40.10	^^^^^^	NO G/S					
49	Gecitkale	LCGK	46 148	114.30	120.00	4.800		090°	09	- 27	270°	—	
CY	N35°14'09/.160 E33°43'15/.253			435	252.05	40.50							
12	H4	OJHR	688 2257		122.60	3.800		099°	10	- 28	279°	—	
JO	N32°32'21/.356 E38°11'42/.704				250.10	38.50							
13	Haifa	LLHA	6 20		127.80	3.825		158°	16	- 34	338°	↘	
IL	N32°48'38/.644 E35°02'36/.612				250.15	38.55							
14	Hama	OS58	300 984		118.05	3.850		096°	09	- 27	276°	—	
SY	N35°07'04/.082 E36°42'44/.742				250.20	38.60							
15	Hatay	LTDA	78 253	112.05	128.50	3.875	108.90	040°	04	- 22	220°	↘	
TK	N36°21'44/.739 E36°17'14/.245			336	250.25	38.65							
16	Incirlik	LTAJ	71 230	21X	122.10	3.900	109.30	050°	05	- 23	230°	111.70	↘
TK	N37°00'07/.122 E35°25'33/.565				360.10	38.70							
17	Jirah	OS62	358 1173		118.10	3.925		096°	10	- 28	276°	—	
SY	N36°05'49/.816 E37°56'09/.159				250.30	38.75							
18	Khalkhalah	OS69	737 2418		122.50	3.950		072°	07	- 25	252°	↘	
SY	N33°03'58/.971 E36°34'20/.340				250.35	38.80		147°	15	- 33	327°		
19	King Hussein	OJMF	672 2205		118.30	3.975		128°	13	- 31	308°	↘	
JO	N32°21'24/.400 E36°15'35/.591				250.40	38.85							
44	Kingsfield		85 276	343	121.00	4.650		060°	06	- 24	240°	↘	
UK	N35°00'53/.888 E33°43'01/.021				251.75	40.20							
20	Kiryat Shmona	LLKS	110 360		118.40	4.025		034°	03	- 21	214°	↘	
IL	N33°12'56/.948 E35°35'45/.750				250.50	38.95							
31	Kuweires	OS66	366 1201		120.50	4.325		097°	10	- 28	277°	—	
SY	N36°11'14/.249 E37°34'53/.889				250.10	39.55							

\*Add to the provided magnetic headings when flying in these years:  
2015-2010: +1° 2009-1985: +2° 1984-1960: +3° 1959-1940: +4°

ID	L-W	ELEV. METERS FEET		TACAN VOR NDB	VHF UHF	HF FM	RUNWAY / MAGNETIC HEADING / ILS 10 - SHORTER THAN 6000 ft / 1800 m	
		DEG° MIN 'SEC / .DCML						
46	<b>Larnaca</b> LCRE CY N34°52'23/.390 E33°37'23/.394	5	16	112.80 432	121.20 251.85	4.700 40.30	044° 04 - 22 224° 110.30	↘
23	<b>Marj Ruhayyil</b> OS63 SY N33°17'01/.027 E36°27'27/.463	659	2161		120.80 250.65	4.100 39.10	059° 06 - 24 239°	↘ xxx
24	<b>Megiddo</b> LLMG IL N32°35'49/.826 E35°13'48/.804	55	180		119.90 250.70	4.125 39.15	089° 09 - 27 269°	—
25	<b>Mezzeh</b> OS67 SY N33°28'40/.667 E36°13'27/.452	728	2387	358	120.70 250.75	4.150 39.20	057° 06 - 24 237°	↘
26	<b>Minakh</b> OS71 SY N36°31'16/.282 E37°02'28/.480	492	1614		120.60 250.80	4.175 39.25	097° 10 - 28 277°	↘
42	<b>Nicosia Intl.</b> LCNC UN N35°09'05/.097 E33°16'33/.558	220	722		N/A		144° 14 - 32 324° CLOSED, LANDABLE	↘
28	<b>Palmyra</b> OSPR SY N34°33'26/.437 E38°19'00/.002	404	1325	337	121.90 250.90	4.225 39.35	080° 08 - 26 260°	—
45	<b>Paphos</b> LCPH CY N34°43'05/.089 E32°29'05/.087	13	40	79X 328 117.90	119.90 251.80	4.675 40.25	110° 11 - 29 290° 108.90	↘
30	<b>Ramat David</b> LLRD IL N32°39'58/.981 E35°10'36/.612	45	146	84X 113.70 368	118.60 251.05	4.300 39.50	085° 09 - 27 265° 107° 11 - 29 287° 143° 15 - 33 323° 111.10	↘
32	<b>Rayak</b> OLRA LB N33°51'04/.067 E35°59'14/.239	925	3035		124.40 251.15	4.350 39.60	042° 04 - 22 222°	↘
33	<b>Rene Mouawad</b> OLKA LB N34°35'21/.357 E36°00'41/.686	7	23	450	121.00 251.20	4.375 39.65	059° 06 - 24 239°	↘
34	<b>Rosh Pina</b> LLIB IL N32°58'57/.958 E35°34'14/.244	279	914	115.30	118.45 251.25	4.400 39.70	050° 05 - 23 230° 148° 15 - 33 328°	✗
35	<b>Sayqal</b> OS68 SY N33°40'47/.790 E37°13'01/.026	694	2274		120.40 251.30	4.425 39.75	057° 05 - 23 237° 087° 08 - 26 267°	↘
36	<b>Shayrat</b> OS65 SY N34°29'24/.412 E36°54'27/.456	804	2638		120.20 251.35	4.450 39.80	108° 11 - 29 288°	↘ +++
37	<b>Tabqa</b> OS59 SY N35°45'16/.283 E38.33'59/.986	335	1099		118.50 251.40	4.475 39.85	088° 09 - 27 268°	—
5	<b>Tha'lah</b> OS60 SY N32°42'14/.240 E36°24'49/.826	736	2414		122.40 252.20	4.875 40.65	054° 05 - 23 234°	↘
39	<b>Tiyas</b> OS72 SY N34°31'21/.357 E37°37'48/.807	548	1798		120.50 251.50	4.525 39.95	086° 09 - 27 266°	—
40	<b>Wujah Al Hajar</b> Z190 LB N34°16'52/.880 E35°40'48/.806	196	641	116.20	121.50 251.60	4.575 40.05	025° 02 - 20 205°	↘

ID	HELI H	ELEV. METERS FEET		VHF	UHF	HF	FM	DEG° MIN 'SEC / .DCML
47	<b>Lakatamia</b>	CY	231 758	120.20	251.90	4.725	40.35	N35°06'16/.276 E33°19'17/.299
22	<b>Marj as Sultan North</b>	SY	612 2008	122.70	250.60	4.075	39.05	N33°30'01/.016 E36°28'01/.028
8	<b>Marj as Sultan South</b>	SY	612 2007	122.90	252.35	4.950	40.80	N33°29'13/.233 E36°28'31/.527
51	<b>Naqoura</b>	LB	117 381	122.00	252.15	4.850	40.60	N33°06'28/.474 E35°07'38/.637
50	<b>Pinarbashi</b> STOL,3400ft	CY	235 771	121.00	252.10	4.825	40.55	N35°16'25/.429 E33°16'05/.094
29	<b>Qabr as Sitt</b>	SY	651 2135	122.60	250.95	4.250	39.40	N33°27'31/.524 E36°21'27/.463
38	<b>Taftanaz</b> STOL,3200ft	SY	311 1020	122.80	251.45	4.500	39.90	N35°58'26/.446 E36°46'53/.886



\*Add to the provided magnetic headings when flying in these years:  
2015-2010: +1° 2009-1985: +2° 1984-1960: +3° 1959-1940: +4°

N12°34'56"/.789 = N12°34'56" / N12°34.789'

41 Gazipasa [316]  
119.25 251.65  
N36°17'56/.935  
E32°17'51/.857

49 Gecitkale  
120.00 252.05  
[114.30][435]  
N35°14'09/.160  
E33°43'15/.253

48 Ercan  
120.20 251.95  
[117.00]  
N35°09'18/.308  
E33°30'06/.101

42 Nicosia  
N35°09'05/.097  
E33°16'33/.558

45 Paphos  
119.90 251.80  
[79X]  
[117.90][328]  
N34°43'05/.089  
E32°29'05/.087

50 (H)

47 (H)

43 Akrotiri  
128.00 251.70  
[107X] [365]  
N34°35'25/.422  
E32°59'15/.266

33 Rene Mouawad  
[450] 121.00 251.20  
N34°35'21/.357  
E36°00'41/.686

40 Wujah Al Hajar  
121.50 251.60  
[116.20]  
N34°16'52/.880  
E35°40'48/.806

29 (H)

22 (H)

8 (H)

6 Beirut Rafic Hariri  
118.90 252.25  
[112.60][351]  
N33°49'38/.636  
E35°29'15/.261

32 Rayak  
124.40 251.15  
N33°51'04/.067  
E35°59'14/.239

51 (H)

127.80 250.15 13 Haifa  
N32°48'38/.644 E35°02'36/.612

[84X] 30 Ramat David  
[113.70][368] 118.60 251.05  
N32°39'58/.981 E35°10'36/.612

10 Eyn Shemer  
[112.40] 123.40 250.00  
N32°26'27/.451 E35°00'27/.454

24 Megiddo  
119.90 250.70  
N32°35'49/.826  
E35°13'48/.804

34 Rosh Pina  
118.45 251.25  
[115.30]  
N32°58'57/.958  
E35°34'14/.244

20 Kiryat Shmona  
118.40 250.50  
N33°12'56/.948  
N35°35'45/.750

23 Marj Ruhayyil 120.80 250.65  
N33°17'01/.027 E36°27'27/.463

25 Mezzeah [358] 120.70 250.75  
N33°28'40/.667 E36°13'27/.452

22 Marj as Sultan North  
122.70 250.60  
N33°30'01/.016  
E36°28'01/.028

8 Marj as Sultan South  
122.90 252.35  
N33°29'13/.233  
E36°28'31/.527

20 nm / 37 km

AERODROME NUMBER = ID (Su-25T, FC3)

47 Lakatamia  
120.20 251.90  
N35°06'16/.276  
E33°19'17/.299

51 Naqoura  
122.00 252.15  
N33°06'28/.474  
E35°07'38/.637

50 Pinarbashi  
121.00 252.10  
N35°16'25/.429  
E33°16'05/.094

29 Qabr as Sitt  
122.60 250.95  
N33°27'31/.524  
E36°21'27/.463

38 Taftanaz  
122.80 251.45  
N35°58'26/.446  
E36°46'53/.886

16 Incirlik  
[21X] 122.10 360.10  
N37°00'07/.122  
E35°25'33/.565

2 Adana Sakirpasa  
121.10 251.00  
[112.70][395]  
N36°58'54/.913  
E35°16'48/.800

44 Kingsfield  
121.00 [343]  
251.75  
N35°00'53/.888  
E33°43'01/.021

46 Larnaca  
121.20 251.85  
[112.80][432]  
N34°52'23/.390  
E33°37'23/.394

21 Bassel Al-Assad  
118.10 250.55  
[114.80][414]  
N35°24'06/.100  
E35°57'01/.023

14 Hama  
118.05 250.20  
N35°07'04/.082  
E36°42'44/.742

3 Al Qusayr  
119.20 251.55  
N34°34'09/.156  
E36°34'17/.287

1 Abu al-Duhur 122.20 250.45  
N35°43'56/.938 E37°06'14/.247

15 Hatay [112.05][336] 128.50 250.25  
N36°21'44/.739 E36°17'14/.245

27 Aleppo [114.50][396] 119.10 250.85  
N36°10'50/.837 E37°13'27/.462

26 Minakh 120.60 250.80  
N36°31'16/.282 E37°02'28/.480

11 Gaziantep [116.70]  
120.10 250.05 [432]  
N36°56'52/.878 E37°28'44/.745

31 Kuweires  
120.50 250.10  
N36°11'14/.249  
E37°34'53/.889

17 Jirah  
118.10 250.30  
N36°05'49/.816  
E37°56'09/.159

37 Tabqa  
118.50 251.40  
N35°45'16/.283  
E38.33'59/.986

36 Shayrat 120.20 251.35  
N34°29'24/.412 E36°54'27/.456

39 Tiyas  
120.50 251.50  
N34°31'21/.357  
E37°37'48/.807

28 Palmyra  
121.90 [337]  
250.90  
N34°33'26/.437  
E38°19'00/.002

4 An Nasiriyah 122.30 252.00  
N33°55'06/.116 E36°51'57/.950

35 Sayqal 120.40 251.30  
N33°40'47/.790 E37°13'01/.026

9 Al-Dumayr 120.30 252.40  
N33°36'34/.581 E36°44'56/.949

7 Damascus  
118.50 252.30  
[116.00]  
[264] [342]  
N33°25'31/.530  
E36°31'06/.110

18 Khalkhalah  
122.50 250.35  
N33°03'58/.971  
E36°34'20/.340

5 Tha'lah  
122.40 252.20  
N32°42'14/.240  
E36°24'49/.826

12 H4  
122.60 250.10  
N32°32'21/.356  
E38°11'42/.704

19 King Hussein 118.30 250.40  
N32°21'24/.400 E36°15'35/.591

22 Marj as Sultan South  
122.90 252.35  
N33°29'13/.233  
E36°28'31/.527



ID	🇬🇧 England	ELEV. METERS FEET		VHF	FM	UHF	HF	MAGNETIC HDG / 057° - GRASS RUNWAY		
		DEG°	MIN 'SEC / .DCML					05 - SHORTER THAN 3500 ft / 1000 m		
12	<b>Biggin Hill</b> N51°19'36/.602 E00°01'51/.866	169	553	118.20	38.60	250.20	3.850	039° 03 - 21 219° 059° 05 - 23 239° 119° 11 - 29 299°	↙	
8	<b>Detling</b> N51°18'18/.302 E00°35'59/.991	190	623	118.60	39.00	250.60	4.050	057° 05 - 23 237°	↗	
9	<b>Eastchurch</b> N51°23'24/.408 E00°50'48/.814	13	40	118.05	38.45	250.05	3.775	032° 02 - 20 212° 108° 10 - 28 288°	↗	
6	<b>Hawkinge</b> N51°06'42/.714 E01°09'36/.615	160	525	118.50	38.90	250.50	4.000	011° 01 - 19 191° 051° 04 - 22 231°	↗	
11	<b>Headcorn</b> N51°10'57/.956 E00°41'22/.369	35	115	118.15	38.55	250.15	3.825	024° 01 - 19 204° 104° 10 - 28 284°	+	
10	<b>High Halden</b> N51°07'17/.298 E00°41'37/.624	32	105	118.10	38.50	250.10	3.800	042° 03 - 21 222° 113° 11 - 29 293°	+	
7	<b>Lympne</b> N51°04'50/.839 E01°01'01/.022	107	351	118.55	38.95	250.55	4.025	030° 02 - 20 210° 145° 13 - 31 325° 169° 16 - 34 349°	↗	
5	<b>Manston</b> N51°20'31/.518 E01°20'46/.768	50	161	118.45	38.85	250.45	3.975	113° 10 - 28 293°	—	
<b>🇫🇷 France</b>										
1	<b>Abbeville Drucat</b> N50°08'36/.607 E01°49'55/.916	56	184	118.25	38.65	250.25	3.875	034° 02 - 20 214° 101° 09 - 27 281° 142° 13 - 31 322°	↙	
4	<b>Dunkirk Mardyck</b> N51°01'46/.777 E02°15'08/.147	5	16	118.40	38.80	250.40	3.950	091° 08 - 26 271°	—	
2	<b>Merville Calonne</b> N50°37'10/.170 E02°38'17/.287	16	52	118.30	38.70	250.30	3.900	048° 04 - 22 228° 088° 08 - 26 268° 149° 14 - 32 329°	+	
3	<b>Saint Omer Longuenesse</b> N50°43'43/.721 E02°13'54/.915	67	220	118.35	38.75	250.35	3.925	040° 03 - 21 220° 097° 08 - 26 277°	7	


\* Subtract from the provided magnetic headings when flying in these years:

1949-1952: -1° 1953-1959: -2° 1960-1969: -3° 1970-1973: -4° 1974-1977: -5°  
1978-1986: -6° 1987-1991: -7° 1992-1999: -8° 2000-2005: -9° 2006-2024: -10°

$N12^{\circ}34'56"/.789 = N12^{\circ}34'56" / N12^{\circ}34.789'$

GRASS RUNWAY | PAVED  
 SHORTER THAN 3500 ft / 1000 m  
 AERODROME IDs (Su-25T, FC3)


10nm / 19km

**Detling** 

23 237°  
 057°05

623ft  
 190m


118.60 39.00 N51°18'18/.302  
 250.60 4.050 E00°35'59/.991

**Eastchurch** 

40ft  
 13m

10 108° 20 212°  
 032°02 28 288°


118.05 38.45 N51°23'24/.408  
 250.05 3.775 E00°50'48/.814

**Biggin Hill** 

553ft  
 169m

219°21 23 239°  
 119°11 059°05 03 039° 29 299°


118.20 38.60 N51°19'36/.602  
 250.20 3.850 E00°01'51/.866

**Hawkinge** 

525ft  
 160m

191°19 22 231°  
 051°04 01 011°


118.50 38.90 N51°06'42/.714  
 250.50 4.000 E01°09'36/.615

**Manston** 

10 113° 161ft  
 50m

28 293°


118.45 38.85 N51°20'31/.518  
 250.45 3.975 E01°20'46/.768

**Dunkirk Mardyck** 

16ft  
 5m

26 271°  
 091°08


118.40 38.80 N51°01'46/.777  
 250.40 3.950 E02°15'08/.147

**High Halden** 

105ft  
 32m

11 113° 21 222°  
 042°03 29 293°


118.10 38.50 N51°07'17/.298  
 250.10 3.800 E00°41'37/.624

**Saint Omer** 

220ft  
 67m

220°21 26  
 097°08 040°03 277°


118.35 38.75 N50°43'43/.721  
 250.35 3.925 E02°13'54/.915

**Headcorn** 

115ft  
 35m

19 204°  
 104°10 284°28  
 024°01


118.15 38.55 N51°10'57/.956  
 250.15 3.825 E00°41'22/.369

**Lympne** 

351ft  
 107m

169°16 20 210°  
 145°13 31 325°  
 030°02 34 349°


118.55 38.95 N51°04'50/.839  
 250.55 4.025 E01°01'01/.022

**Abbeville Drucat** 

184ft  
 56m

142°13 20 214°  
 034°02 27 281°  
 101°09 31 322°

118.25 38.65 N50°08'36/.607  
 250.25 3.875 E01°49'55/.916

**Merville Calonne** 

52ft  
 16m

149°14 22 228°  
 088°08 26 268°  
 048°04 32 329°

118.30 38.70 N50°37'10/.170  
 250.30 3.900 E02°38'17/.287

\* Subtract from the provided magnetic headings when flying in these years:  
 1949-1952: -1° 1953-1959: -2° 1960-1969: -3° 1970-1973: -4° 1974-1977: -5°  
 1978-1986: -6° 1987-1991: -7° 1992-1999: -8° 2000-2005: -9° 2006-2024: -10°