

Aerodrome Data and Frequencies

Caucasus

2

Mariana Islands

4

Nevada

5

Normandy

7

Persian Gulf

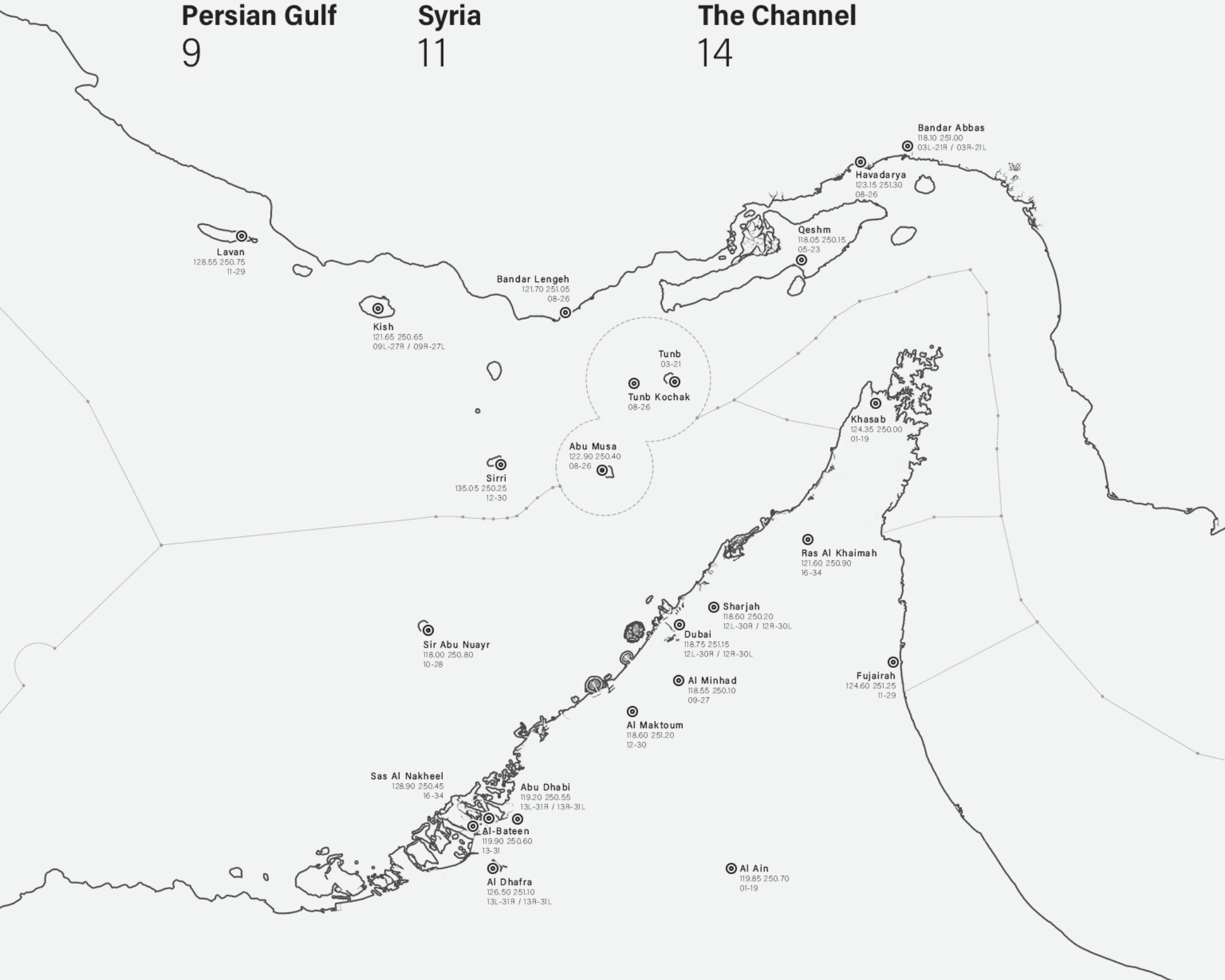
9

Syria

11

The Channel

14

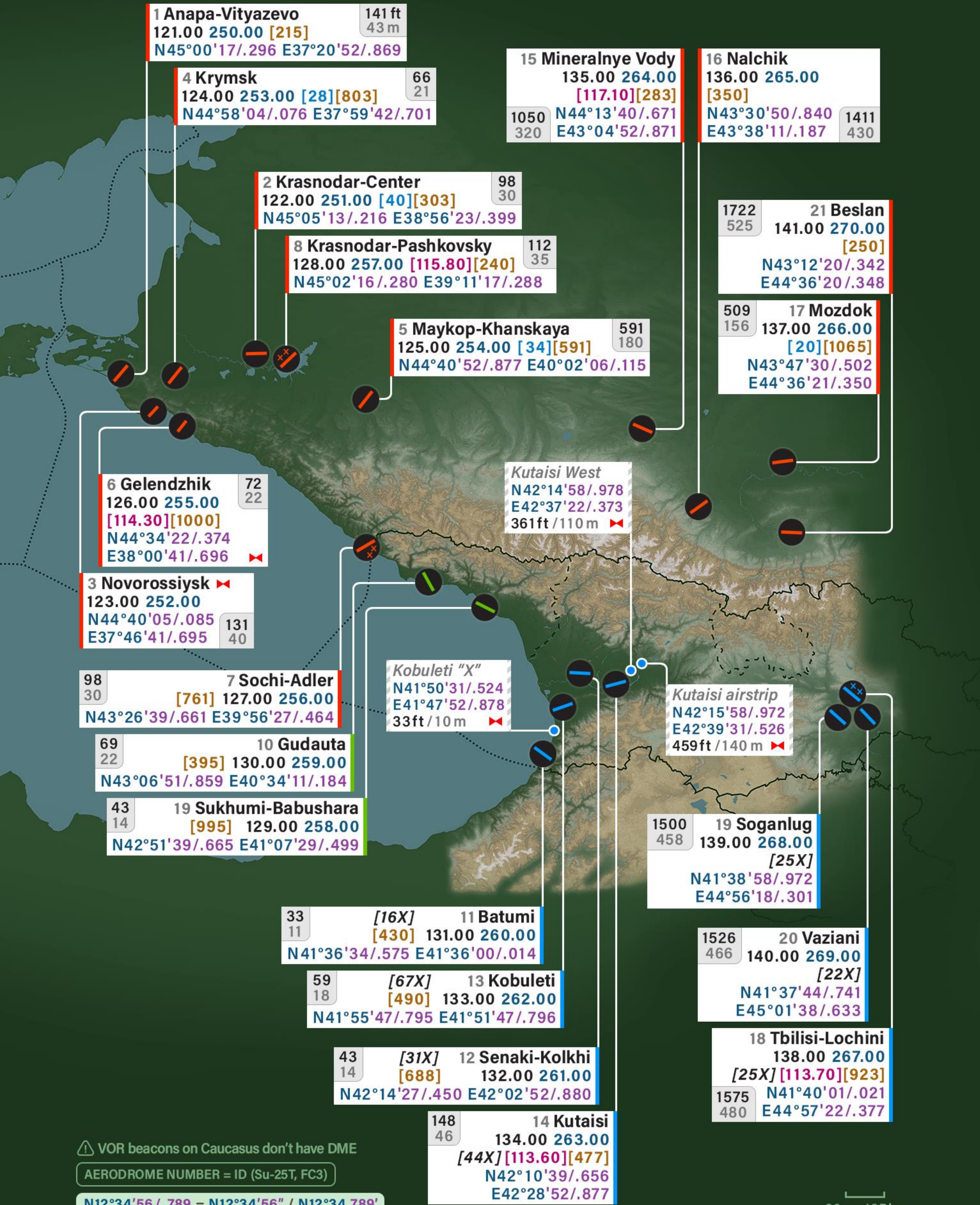


ID (GE)ORGIA, (AB)KHAZIA	ELEV. METERS FEET DEG° MIN 'SEC / .DCML	TCN RSBN VOR NDB	VHF HF UHF FM	ILS or PRMG	NDB OUTER INNER	MAGNETIC HDG RWY	
1 Anapa-Vityazevo URKA RU N45°00'17/.296 E37°20'52/.869	43 141		121.00 3.750 250.00 38.40		443 > 215 > 035° 04 443 > 215 > 215° 22	035° 04 215° 22	↙
11 Batumi 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 Beslan 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 Gelendzhik 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 Gudauta UG23 AB N43°06'51/.859 E40°34'11/.184	22 69		130.00 4.200 259.00 40.20		--- > 395 > 325° 33	145° 15 325° 33	↘
13 Kobuleti (Ozurgeti) 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 Krasnodar-Center 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° 09 261° 27	081° 09 261° 27	—
8 Krasnodar-Pashkovsky 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 Krymsk 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° 04 213° 22	033° 04 213° 22	↙
14 Kutaisi (Kopitnari) 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 Maykop-Khanskaya 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° 04 212° 22	032° 04 212° 22	↙
15 Mineralnye Vody 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° 12 109.30 > 583 > 283 >	289° 30	109° 12 289° 30	↘
17 Mozdok XRMF RU N43°47'30/.502 E44°36'21/.350	156 509	20	137.00 4.550 266.00 41.60	22 > 525 > 1065 > 077° 08 22 > 525 > 1065 >	257° 26	077° 08 257° 26	—
16 Nalchik 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 Novorossiysk 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 Senaki-Kolkhi 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 Sochi-Adler 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 Soganlug 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 Sukhumi-Babushara UGSS AB N42°51'39/.665 E41°07'29/.499	14 43		129.00 4.150 258.00 40.00		489 > 995 > 291° 30	111° 12 291° 30	↘
18 Tbilisi-Lochini 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 > 122° 13 108.90 > 211 > 435 >	302° 31	122° 13 302° 31	↗
20 Vaziani 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	↘
CLOSED, LANDABLE (HELI/STOL):							
<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°



1 Anapa-Vityazevo 141 ft
121.00 250.00 [215]
N45°00'17/.296 E37°20'52/.869

4 Krymsk 66
124.00 253.00 [28][803]
N44°58'04/.076 E37°59'42/.701

15 Mineralnye Vody
135.00 264.00
[117.10][283]
1050 N44°13'40/.671
320 E43°04'52/.871

16 Nalchik
136.00 265.00
[350]
1411 N43°30'50/.840
430 E43°38'11/.187

2 Krasnodar-Center 98
122.00 251.00 [40][303]
N45°05'13/.216 E38°56'23/.399

8 Krasnodar-Pashkovsky 112
128.00 257.00 [115.80][240]
N45°02'16/.280 E39°11'17/.288

5 Maykop-Khanskaya 591
125.00 254.00 [34][591]
N44°40'52/.877 E40°02'06/.115

21 Beslan
1722 141.00 270.00
525 [250]
N43°12'20/.342
E44°36'20/.348

17 Mozdok
509 137.00 266.00
156 [20][1065]
N43°47'30/.502
E44°36'21/.350

6 Gelendzhik 72
126.00 255.00
[114.30][1000]
N44°34'22/.374
E38°00'41/.696

Kutaisi West
N42°14'58/.978
E42°37'22/.373
361ft / 110m ✂

3 Novorossiysk ✂
123.00 252.00
N44°40'05/.085
E37°46'41/.695

Kobuleti "X"
N41°50'31/.524
E41°47'52/.878
33ft / 10m ✂

7 Sochi-Adler
98 [761] 127.00 256.00
30 N43°26'39/.661 E39°56'27/.464

Kutaisi airstrip
N42°15'58/.972
E42°39'31/.526
459ft / 140m ✂

10 Gudauta
69 [395] 130.00 259.00
22 N43°06'51/.859 E40°34'11/.184

19 Sukhumi-Babushara
43 [995] 129.00 258.00
14 N42°51'39/.665 E41°07'29/.499

19 Soganlug
1500 139.00 268.00
458 [25X]
N41°38'58/.972
E44°56'18/.301

11 Batumi
33 [16X] 131.00 260.00
11 [430] N41°36'34/.575 E41°36'00/.014

20 Vaziani
1526 140.00 269.00
466 [22X]
N41°37'44/.741
E45°01'38/.633

13 Kobuleti
59 [67X] 133.00 262.00
18 [490] N41°55'47/.795 E41°51'47/.796

12 Senaki-Kolkhi
43 [31X] 132.00 261.00
14 [688] N42°14'27/.450 E42°02'52/.880

18 Tbilisi-Lochini
138.00 267.00
[25X] [113.70][923]
1575 N41°40'01/.021
480 E44°57'22/.377

14 Kutaisi
148 134.00 263.00
46 [44X] [113.60][477]
N42°10'39/.656
E42°28'52/.877

⚠ VOR beacons on Caucasus don't have DME

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

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

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

810x700 nm



20 nm / 37 km

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

Philippine Sea

2 Saipan
3 Tinian
Aguijan

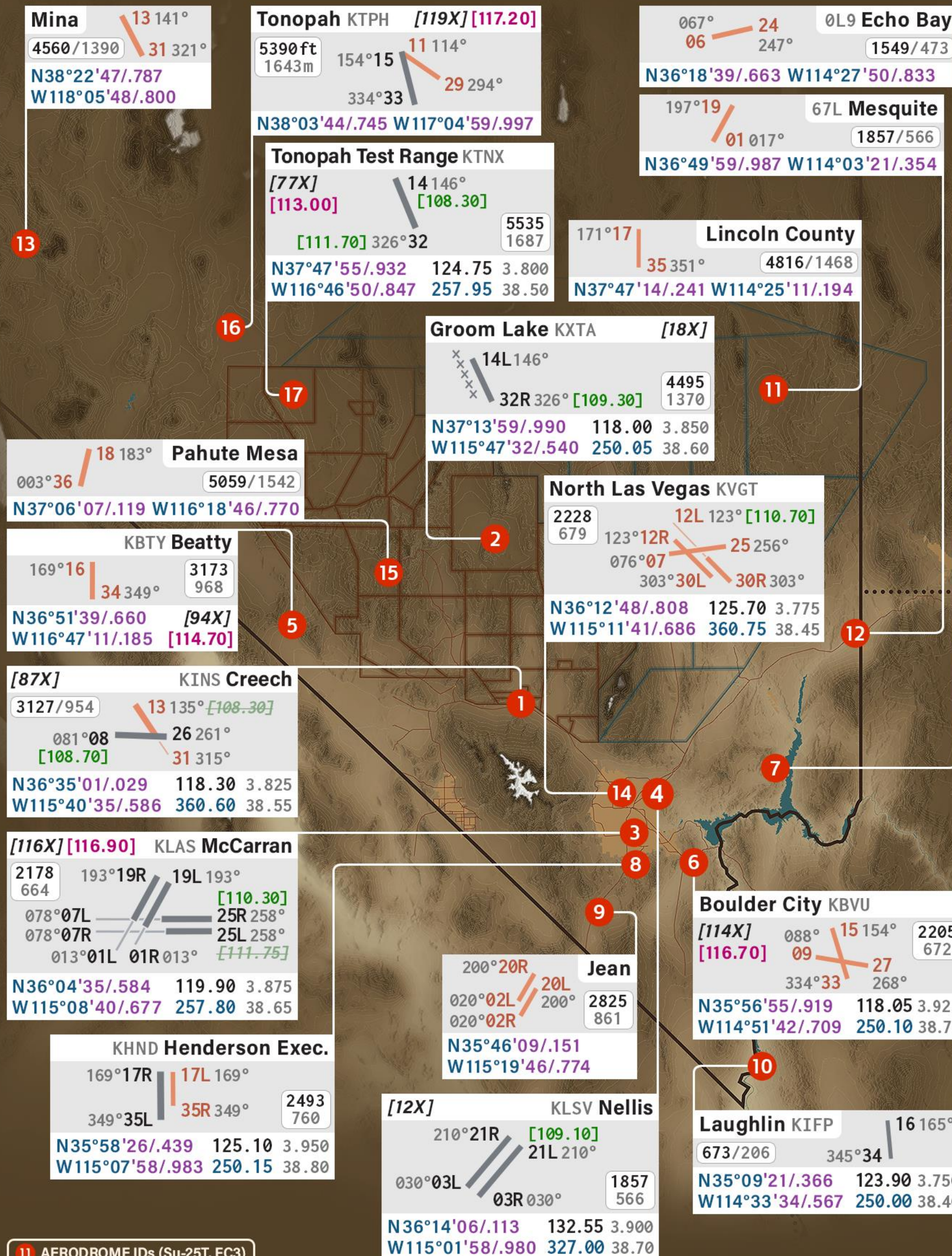
1 Rota

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				
			UHF	FM	16 - RUNWAY SHORTER THAN 6000 ft/1800 m				
5	Beatty KBTY 968 3173 N36°51'39/.660 W116°47'11/.185	94X 114.70	N/A		169° 16 - 34	349°			
6	Boulder City KBVU 672 2205 N35°56'55/.919 W114°51'42/.709	114X 116.70	118.05 3.925 250.10 38.75		088° 09 - 27 154° 15 - 33	268° 334°		+/-	
1	Creech KINS 954 3127 N36°35'01/.029 W115°40'35/.586	87X	118.30 3.825 360.60 38.55		108.70 081° 08 - 26 108.30 135° 13 - 31	261° 315°		-	
7	Echo Bay 0L9 473 1549 N36°18'39/.663 W114°27'50/.833		N/A		067° 06 - 24	247°		-	
2	Groom Lake KXTA 1370 4495 N37°13'59/.990 W115°47'32/.540	18X	118.00 3.850 250.05 38.60		146° 14L - 32R CLOSED 14R - 32L	326° 109.30 CLOSED		XXXX	
8	Henderson Exec. KHND 760 2493 N35°58'26/.439 W115°07'58/.983		125.10 3.950 250.15 38.80		169° 17L - 35R 169° 17R - 35L	349° 349°			
9	Jean 861 2825 N35°46'09/.151 W115°19'46/.774		N/A		020° 02L - 20R 020° 02R - 20L	200° 200°		//	
10	Laughlin, AZ KIFP 206 673 N35°09'21/.366 W114°33'34/.567		123.90 3.750 250.00 38.40		165° 16 - 34	345°			
11	Lincoln County 1468 4816 N37°47'14/.241 W114°25'11/.194		N/A		171° 17 - 35	351°			
3	McCarran Intl KLAS 664 2178 N36°04'35/.584 W115°08'40/.677	116X 116.90	119.90 3.875 257.80 38.65		013° 01L - 19R 013° 01R - 19L 078° 07L - 25R 078° 07R - 25L	193° 193° 110.30 111.75		=	
12	Mesquite 67L 566 1857 N36°49'59/.987 W114°03'21/.354		N/A		017° 01 - 19	197°		/	
13	Mina 1390 4560 N38°22'47/.787 W118°05'48/.800		N/A		141° 13 - 31	321°		\	
4	Nellis KLSV 566 1857 N36°14'06/.113 W115°01'58/.980	12X	132.55 3.900 327.00 38.70		030° 03L - 21R 030° 03R - 21L	210° 109.10			
					RWY 21L TDZ: N36°14.603' W115°01.448'				
14	North Las Vegas KVGT 679 2228 N36°12'48/.808 W115°11'41/.686		125.70 3.775 360.75 38.45		076° 07 - 25 110.70 123° 12L - 30R	256° 303°		+/-	
					123° 12R - 30L 303°				
15	Pahute Mesa 1542 5059 N37°06'07/.119 W116°18'46/.770		N/A		183° 18 - 36	003°		/	
16	Tonopah KTPH 1643 5390 N38°03'44/.745 W117°04'59/.997	119X 117.20	N/A		114° 11 - 29 154° 15 - 33	294° 334°		+/-	
17	Tonopah Test Range KTNX 1687 5535 N37°47'55/.932 W116°46'50/.847	77X 113.00	124.75 3.800 257.95 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'

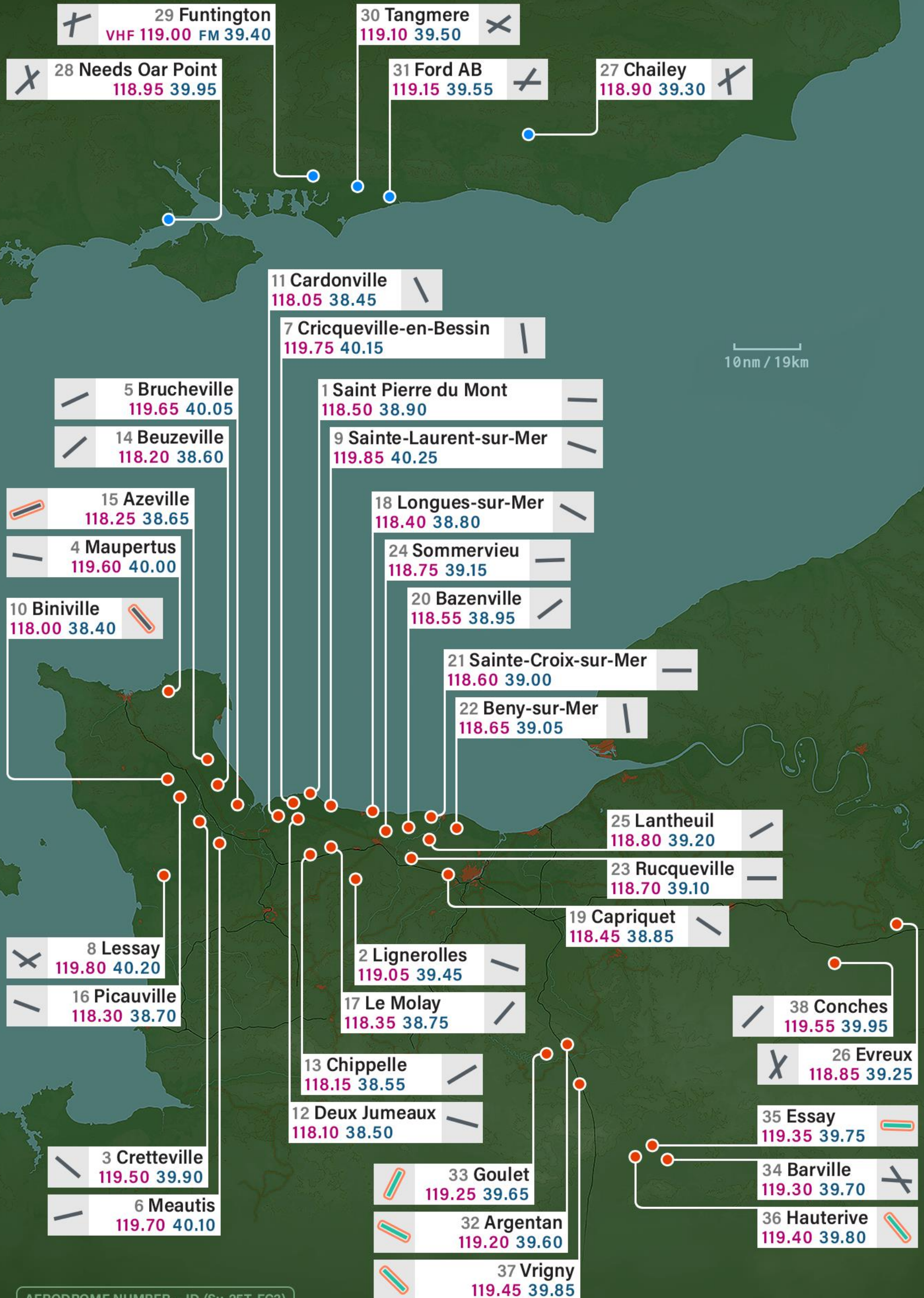
20 nm / 37km

*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°	
England										
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°	

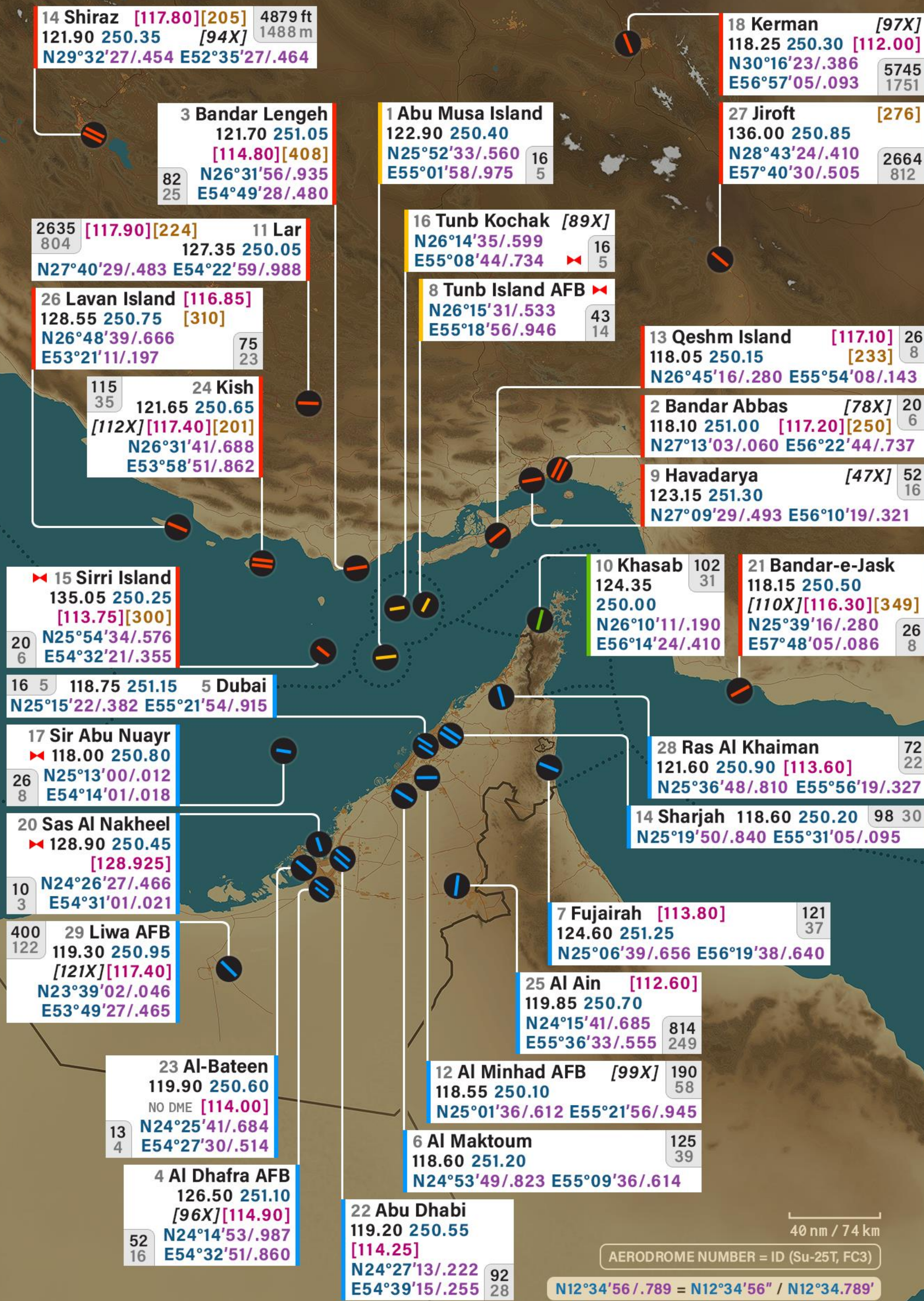
* Subtract from the provided magnetic headings when flying in these years:

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	108.70 127° 13R - 31L 307° 108.70
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	109.50 121° 12R - 30L 301° 111.30
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)

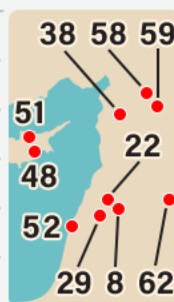
N12°34'56 / .789 = N12°34'56" / N12°34.789'

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 / 1800m					
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	LTAJ	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						
44	Akrotiri	LCRA	21 69	107X	128.00	4.650	107°	10	- 28	287°	109.70	-
UK	N34°35'25/.422 E32°59'15/.266			365	251.75	40.20						
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	5.150	062°	06	- 24	242°	-	
SY	N33°36'34/.581 E36°44'56/.949				252.75	41.20						
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	4.800	041°	04	- 22	221°	/	
SY	N33°55'06/.116 E36°51'57/.950				252.05	40.50						
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	5.075	110.70	030°	03	- 21	210°	↘
LB	N33°49'38/.636 E35°29'15/.261			351	252.60	41.05	110.10	164°	16	- 34	344°	
							109.50	175°	17	- 35	355°	
7	Damascus	OSDI	612 2008	116.00	118.50	5.100	046°	05L	- 23R	226°	109.90	//
SY	N33°25'31/.530 E36°31'06/.110			264	252.65	41.10	111.10	046°	05R	- 23L	226°	
42	Deir ez-Zor	OSDZ	218 713	117.00	118.10	4.625	105°	10	- 28	285°	-	
SY	N35°17'07/.125 E40°10'33/.563			295	251.70	40.15						
49	Ercan	LCEN	95 312	117.00	120.20	4.775	111°	11	- 29	291°	108.30	-
CY	N35°09'18/.308 E33°30'06/.101				252.00	40.45					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					
50	Gecitkale	LCGK	46 148	114.30	120.00	4.825	090°	09	- 27	270°	-	
CY	N35°14'09/.160 E33°43'15/.253			435	252.10	40.55						
53	H3		788 2583		122.00	4.900	061°	06	- 24	241°	↘	
IQ	N32°56'10/.171 E39°44'44/.748				252.25	40.70	108°	11	- 29	292°		
54	H3 Northwest		787 2582		N/A		118°	12	- 30	298°	/	
IQ	N33°04'33/.556 E39°35'47/.794											
55	H3 Southwest		815 2671		N/A		117°	12	- 30	297°	/	
IQ	N32°44'36/.606 E39°36'07/.132											
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	LTAG	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						
45	Kingsfield		85 276	343	121.00	4.675	060°	06	- 24	240°	↘	
UK	N35°00'53/.888 E33°43'01/.021				251.80	40.25						
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						

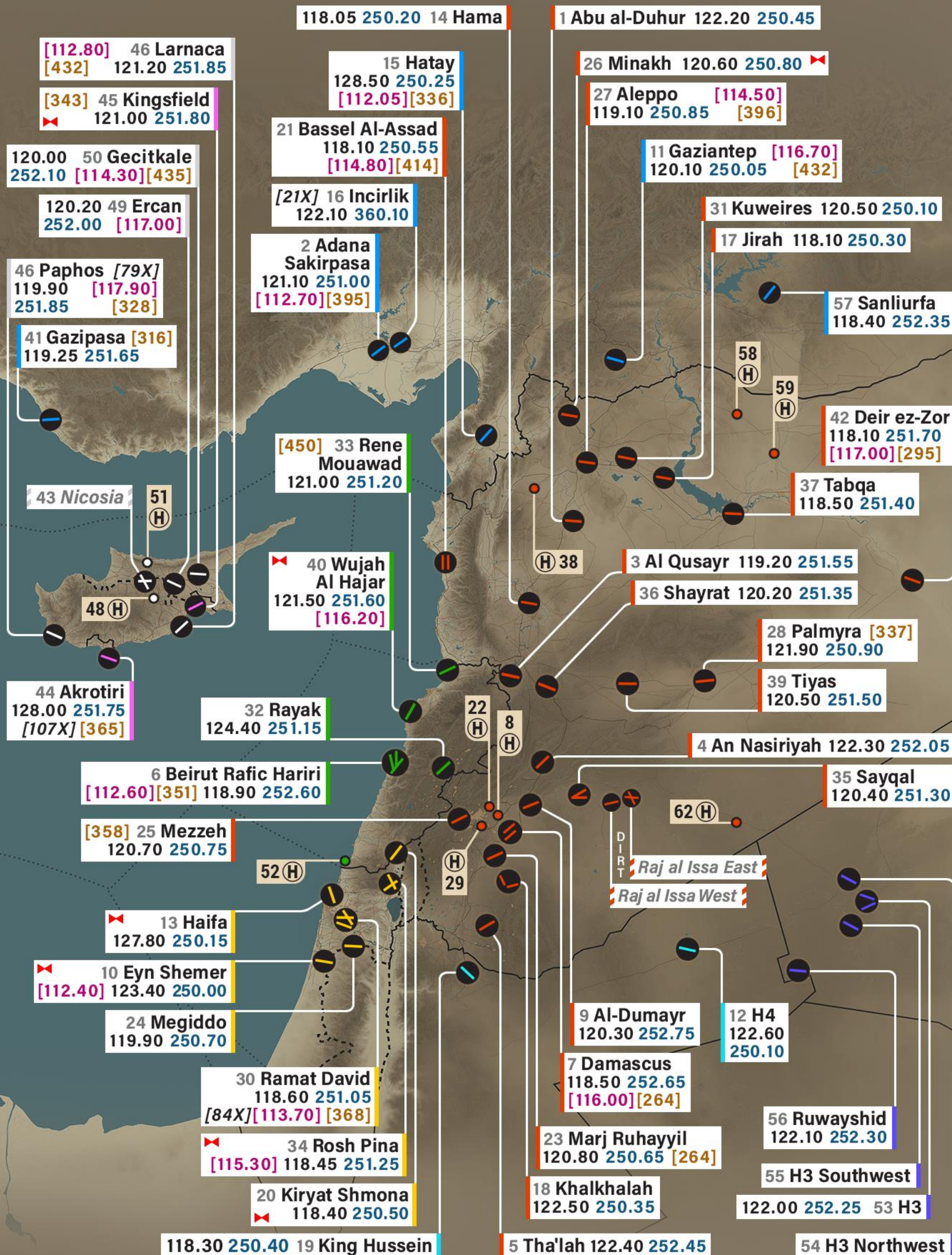
*Add to the provided magnetic headings when flying in these years:
2015-2010: +1° 2009-1985: +2° 1984-1960: +3° 1959-1940: +4°

ID	L-W	ELEV. METERS FEET		TACAN VOR NDB	VHF UHF	HF FM	RUNWAY / MAGNETIC HEADING / ILS		
		DEG°	MIN 'SEC / .DCML				10 - SHORTER THAN 6000 ft / 1800 m		
47	Larnaca LCRE	5	16	112.80 432	121.20 251.90	4.725 40.35	044° 04 - 22	224° 110.30	/
CY	N34°52'23/.390 E33°37'23/.394								
23	Marj Ruhayyil OS63	659	2161	264	120.80 250.65	4.100 39.10	059° 06 - 24	239°	xxx
SY	N33°17'01/.027 E36°27'27/.463								
24	Megiddo LLMG	55	180		119.90 250.70	4.125 39.15	089° 09 - 27	269°	-
IL	N32°35'49/.826 E35°13'48/.804								
25	Mezzeh OS67	728	2387	358	120.70 250.75	4.150 39.20	057° 06 - 24	237°	/
SY	N33°28'40/.667 E36°13'27/.452								
26	Minakh OS71	492	1614		120.60 250.80	4.175 39.25	097° 10 - 28	277°	-
SY	N36°31'16/.282 E37°02'28/.480								
43	Nicosia Intl. LCNC	210	689		CLOSED, LANDABLE		144° 14 - 32	324°	/
UN	N35°09'05/.097 E33°16'33/.558						092° 09 - 27	268°	
28	Palmyra OSPR	404	1325	337	121.90 250.90	4.225 39.35	080° 08 - 26	260°	-
SY	N34°33'26/.437 E38°19'00/.002								
46	Paphos LCPH	13	40	79X 328 117.90	119.90 251.85	4.700 40.30	110° 11 - 29	290° 108.90	/
CY	N34°43'05/.089 E32°29'05/.087								
--	Raj al Issa East airstrip	778	2550		CLOSED, DIRT BUMPY (HELI/STOL)		091° XX - XX	271°	+
SY	N33°41'59/.998 E37°34'09/.158						150° XX - XX	330°	
--	Raj al Issa West airstrip	771	2527		CLOSED, DIRT BUMPY (HELI/STOL)		072° XX - XX	252°	-
SY	N33°41'09/.157 E37°31'34/.582								
30	Ramat David LLRD	45	146	84X 113.70 368	118.60 251.05	4.300 39.50	085° 09 - 27	265°	/
IL	N32°39'58/.981 E35°10'36/.612						107° 11 - 29	287°	
							143° 15 - 33	323° 111.10	
32	Rayak OLRA	925	3035		124.40 251.15	4.350 39.60	042° 04 - 22	222°	/
LB	N33°51'04/.067 E35°59'14/.239								
33	Rene Mouawad OLKA	7	23	450	121.00 251.20	4.375 39.65	059° 06 - 24	239°	/
LB	N34°35'21/.357 E36°00'41/.686								
34	Rosh Pina LLIB	279	914	115.30	118.45 251.25	4.400 39.70	050° 05 - 23	230°	X
IL	N32°58'57/.958 E35°34'14/.244						148° 15 - 33	328°	
56	Ruwayshid	909	2980		122.10 252.30	4.925 40.75	092° 09 - 27	272°	-
IQ	N32°24'17/.297 E39°07'49/.831								
57	Sanliurfa LTCS	824	2703		118.40 252.35	4.950 40.80	038° 04 - 22	218°	/
TK	N37°26'53/.884 E38°53'54/.902								
35	Sayqal OS68	694	2274		120.40 251.30	4.425 39.75	057° 05 - 23	237°	<
SY	N33°40'47/.790 E37°13'01/.026						087° 08 - 26	267°	
36	Shayrat OS65	804	2638		120.20 251.35	4.450 39.80	108° 11 - 29	288°	+++
SY	N34°29'24/.412 E36°54'27/.456								
37	Tabqa OS59	335	1099		118.50 251.40	4.475 39.85	088° 09 - 27	268°	-
SY	N35°45'16/.283 E38.33'59/.986								
5	Tha'lah OS60	736	2414		122.40 252.45	5.000 40.90	054° 05 - 23	234°	/
SY	N32°42'14/.240 E36°24'49/.826								
39	Tiyas OS72	548	1798		120.50 251.50	4.525 39.95	086° 09 - 27	266°	-
SY	N34°31'21/.357 E37°37'48/.807								
40	Wujah Al Hajar Z190	196	641	116.20	121.50 251.60	4.575 40.05	025° 02 - 20	205°	/
LB	N34°16'52/.880 E35°40'48/.806								

ID	HELI H	ELEV. METERS FEET		VHF	UHF	HF	FM	DEG° MIN 'SEC / .DCML	
62	At Tanf	SY	710 2329	114.00	121.10	252.55	5.050	41.00	N33°30'23/.386 E38°36'53/.893
58	Kharab Ishk	SY	432 1416		122.20	252.40	4.975	40.85	N36°32'48/.815 E38°35'15/.251
48	Lakatamia	CY	231 758		120.20	251.95	4.750	40.40	N35°06'16/.276 E33°19'17/.299
22	Marj as Sultan North	SY	612 2008		122.70	250.60	4.075	39.05	N33°30'01/.016 E36°28'01/.028
8	Marj as Sultan South	SY	612 2007		122.90	252.70	5.125	41.15	N33°29'13/.233 E36°28'31/.527
52	Naqoura	LB	117 381		122.00	252.20	4.875	40.65	N33°06'28/.474 E35°07'38/.637
51	Pinarbashi STOL,3400ft	CY	235 771		121.00	252.15	4.850	40.60	N35°16'25/.429 E33°16'05/.094
29	Qabr as Sitt	SY	651 2135		122.60	250.95	4.250	39.40	N33°27'31/.524 E36°21'27/.463
38	Taftanaz STOL,3200ft	SY	311 1020		122.80	251.45	4.500	39.90	N35°58'26/.446 E36°46'53/.886
59	Tal Siman	SY	299 981		121.90	252.50	5.025	40.95	N36°15'44/.745 E38°55'41/.698



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



20 nm / 37 km

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



8 Marj as Sultan South 122.90 252.70

22 Marj as Sultan North 122.70 250.60

29 Qabr as Sitt 122.60 250.95

38 Taftanaz 122.80 251.45

48 Lakatamia 120.20 251.95

51 Pinarbashi 121.00 252.15

52 Naqoura 122.00 252.20

58 Kharab Ishk 122.20 252.40

59 Tal Siman 121.90 252.50

62 At Tanf 121.10 252.55



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	Biggin Hill 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	Detling N51°18'18/.302 E00°35'59/.991	190	623	118.60	39.00	250.60	4.050	057° 05 - 23 237°		
9	Eastchurch 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	Hawkinge 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	Headcorn 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	High Halden 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	Lympne 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	Manston N51°20'31/.518 E01°20'46/.768	50	161	118.45	38.85	250.45	3.975	113° 10 - 28 293°		
France										
1	Abbeville Drucat 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	Dunkirk Mardyck N51°01'46/.777 E02°15'08/.147	5	16	118.40	38.80	250.40	3.950	091° 08 - 26 271°		
2	Merville Calonne 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	Saint Omer Longuenesse 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°		


* 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

Abbeville Drucat 

184ft
 56m

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


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

Merville Calonne 

52ft
 16m

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

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

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

* 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°