

# RNAV/LOC/LOC BC Apchs with MAP before Rwy Cycle 2205

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>AG</b>							
	AGGA	R36	RW36	GA458	369 ft	61 ft	-308 ft
	AGGL	R05	RW05	GL742	523 ft	61 ft	-462 ft
	AGGM	R07	RW07	MA07	486 ft	65 ft	-421 ft
	AGGM	R25	RW25	MA25	665 ft	68 ft	-597 ft
	AGGS	R10	RW10	GS868	579 ft	58 ft	-521 ft
<b>AY</b>							
	AYGR	R21	RW21	YGRN	817 ft	307 ft	-510 ft
	AYMD	R07	RW07	YMDW	311 ft	70 ft	-241 ft
	AYMR	R27-Y	RW27	MXHE	3'186 ft	2'780 ft	-406 ft
	AYPY	L14L	RW14L	IWG08	345 ft	153 ft	-192 ft
	AYPY	L32R	RW32R	TESEM	377 ft	178 ft	-199 ft
	AYPY	R32R	RW32R	YPYSM	719 ft	178 ft	-541 ft
	AYXM	L16	RW16	IXM20	5'761 ft	5'097 ft	-664 ft
	AYXM	R16	RW16	YXMN	5'570 ft	5'097 ft	-473 ft
<b>BG</b>							
	BGBW	R06-Y	RW06	BWM0	1'109 ft	61 ft	-1'048 ft
	BGBW	R06-Z	RW06	BWM4	1'187 ft	61 ft	-1'126 ft
	BGGH	H22	RW22	GH22M	787 ft	330 ft	-457 ft
	BGGH	L22-Y	RW22	GN18	693 ft	330 ft	-363 ft
	BGGH	L22-Z	RW22	GN18	693 ft	330 ft	-363 ft
	BGKK	R11	RW11	KKM11	990 ft	165 ft	-825 ft
	BGMV	R32	RW32	MA32	493 ft	79 ft	-414 ft
	BGNO	R21	RW21	NOMPT	249 ft	111 ft	-138 ft
	BGQQ	R35	RW35	QQM35	957 ft	101 ft	-856 ft
	BGSF	L09-Y	RW09	ISF25	468 ft	150 ft	-318 ft
	BGSF	L09-Z	RW09	ISF25	468 ft	150 ft	-318 ft
	BGSS	H13-Y	RW13	SSM43	1'260 ft	83 ft	-1'177 ft
	BGSS	H13-Z	RW13	SSM13	1'202 ft	83 ft	-1'119 ft
	BGTL	L08-X	RW08	FREZN	396 ft	218 ft	-178 ft
	BGTL	L08-Y	RW08	FREZN	388 ft	218 ft	-170 ft
	BGTL	L08-Z	RW08	FREZN	388 ft	218 ft	-170 ft
	BGUK	R23	RW23	UKM23	620 ft	445 ft	-175 ft
<b>BI</b>							
	BIAR	H19-X	RW19	ARM69	232 ft	55 ft	-177 ft
	BIAR	H19-Y	RW19	ARM49	360 ft	55 ft	-305 ft
	BIAR	H19-Y	RW19	ARM49	360 ft	55 ft	-305 ft
	BIAR	L01	RW01	KN	750 ft	57 ft	-693 ft
	BIAR	L19	RW19	17IAR	634 ft	55 ft	-579 ft
	BIAR	L19	RW19	17IAR	634 ft	55 ft	-579 ft
	BIEG	L03	RW03	IES01	448 ft	125 ft	-323 ft
	BIHN	H18	RW18	HN18	545 ft	74 ft	-471 ft
	BIHN	H36	RW36	HN36M	280 ft	57 ft	-223 ft
	BIKF	L01-Y	RW01	IKN7	357 ft	185 ft	-172 ft
	BIKF	L01-Z	RW01	IKN7	346 ft	185 ft	-161 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
BIKF	L10-Y	RW10	IKF5	267 ft	159 ft	-108 ft
BIKF	L10-Z	RW10	IKF5	255 ft	159 ft	-96 ft
BIKF	L19-Y	RW19	IKO5	313 ft	211 ft	-102 ft
BIKF	L19-Z	RW19	IKO5	313 ft	211 ft	-102 ft
BIKF	L28-Y	RW28	05IKW	314 ft	218 ft	-96 ft
BIKF	L28-Z	RW28	IKW5	314 ft	218 ft	-96 ft
BIRK	L13-Y	RW13	IRE13	251 ft	71 ft	-180 ft
BIRK	L13-Z	RW13	IRE13	251 ft	71 ft	-180 ft
BIRK	L19-Y	RW19	IRK01	404 ft	79 ft	-325 ft
BIRK	L19-Z	RW19	IRK01	404 ft	79 ft	-325 ft
BIRL	H01	RW01	RLM01	1'399 ft	1'081 ft	-318 ft

**BK**

BKPR	L17-Z	RW17	PRS01	2'122 ft	1'839 ft	-283 ft
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**CY**

CAD4	R34	RW34	ODKEK	2'609 ft	1'457 ft	-1'152 ft
CAJ9	R11-Y	RW11	XUBEV	2'606 ft	2'541 ft	-65 ft
CAJ9	R11-Z	RW11	XUBEV	2'606 ft	2'541 ft	-65 ft
CAJ9	R29-Y	RW29	RABUD	2'591 ft	2'549 ft	-42 ft
CAJ9	R29-Z	RW29	RABUD	2'591 ft	2'549 ft	-42 ft
CAT4	R29	RW29	AXONA	380 ft	213 ft	-167 ft
CBBC	R13	RW13	DASAX	478 ft	191 ft	-287 ft
CBBC	R31	RW31	NUDAK	312 ft	153 ft	-159 ft
CBD6	R34	RW34	URPOL	1'156 ft	648 ft	-508 ft
CBW4	R15-Y	RW15	SIDBI	2'032 ft	2'020 ft	-12 ft
CBW4	R15-Z	RW15	SIDBI	2'032 ft	2'020 ft	-12 ft
CCD4	R24	RW24	AGDIM	251 ft	237 ft	-14 ft
CCH4	R09	RW09	KERTO	572 ft	223 ft	-349 ft
CCK4	R05	RW05	AVSIN	586 ft	108 ft	-478 ft
CCK4	R23	RW23	EPSAD	599 ft	124 ft	-475 ft
CCV4	R08	RW08	AGLAS	511 ft	238 ft	-273 ft
CCV4	R26	RW26	OBVIV	426 ft	233 ft	-193 ft
CDA5	R18	RW18	VIXAT	297 ft	140 ft	-157 ft
CEC4	R20-W	RW20	GOSAS	4'881 ft	4'036 ft	-845 ft
CEC4	R20-X	RW20	GOSAS	4'881 ft	4'036 ft	-845 ft
CEC4	R20-Y	RW20	GOSAS	4'878 ft	4'036 ft	-842 ft
CEC4	R20-Z	RW20	GOSAS	4'881 ft	4'036 ft	-845 ft
CFN5	R07	RW07	PUVON	1'512 ft	1'098 ft	-414 ft
CJB3	R15	RW15	VOLEG	925 ft	893 ft	-32 ft
CJP9	R05-Y	RW05	IKMAS	1'198 ft	752 ft	-446 ft
CJT4	R10	RW10	VIPGU	1'023 ft	927 ft	-96 ft
CJT4	R28	RW28	LOGSI	1'246 ft	928 ft	-318 ft
CJV7	R17	RW17	KIVEV	1'039 ft	882 ft	-157 ft
CLV2	R16	RW16	IKBIK	934 ft	913 ft	-21 ft
CMR2	R12-Y	RW12	KEKLI	881 ft	618 ft	-263 ft
CMR2	R12-Z	RW12	KEKLI	881 ft	618 ft	-263 ft
CMR2	R30	RW30	MITAL	803 ft	639 ft	-164 ft
CNH2	R12	RW12	REXAP	131 ft	83 ft	-48 ft
CNH2	R30	RW30	BOMUL	396 ft	78 ft	-318 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
CNQ3	R05	RW05	NADGU	792 ft	631 ft	-161 ft
CPV8	R13	RW13	VIMTA	1'195 ft	1'038 ft	-157 ft
CPV8	R31	RW31	SEGOS	1'351 ft	1'033 ft	-318 ft
CRL4	R08	RW08	MUSLI	2'344 ft	2'306 ft	-38 ft
CRW4	R01	RW01	HEPPS	110 ft	71 ft	-39 ft
CRW4	R19	RW19	LEPEB	98 ft	57 ft	-41 ft
CSE4	R28	RW28	LOKBA	306 ft	261 ft	-45 ft
CSM3	R06	RW06	DEDNA	1'968 ft	1'458 ft	-510 ft
CSM3	R24	RW24	LISVI	1'593 ft	1'436 ft	-157 ft
CSU3	R20	RW20	ULDAD	644 ft	166 ft	-478 ft
CSZ4	R23	RW23	XULKO	1'341 ft	983 ft	-358 ft
CTA4	R10	RW10	BEXUX	918 ft	822 ft	-96 ft
CTA4	R28	RW28	ETBUB	1'143 ft	870 ft	-273 ft
CTG3	R08-X	RW08	TIKOT	177 ft	113 ft	-64 ft
CTG3	R08-Z	RW08	TIKOT	177 ft	113 ft	-64 ft
CVB2	R10	RW10	URTES	431 ft	295 ft	-136 ft
CVB2	R28	RW28	LIDUD	313 ft	287 ft	-26 ft
CYAB	R13	RW13	OLANA	286 ft	122 ft	-164 ft
CYAB	R31	RW31	IGROK	358 ft	119 ft	-239 ft
CYAH	R09-Z	RW09	UDBAL	1'202 ft	1'043 ft	-159 ft
CYAH	R27-Z	RW27	XETOM	1'225 ft	1'052 ft	-173 ft
CYAV	R36-X	RW36	SIMGU	816 ft	808 ft	-8 ft
CYBB	R23	RW23	VOBUB	228 ft	70 ft	-158 ft
CYCC	R10	RW10	IGVIR	378 ft	221 ft	-157 ft
CYCD	R16-Z	RW16	VOKIN	603 ft	125 ft	-478 ft
CYCK	R06-Z	RW06	MIXIV	725 ft	693 ft	-32 ft
CYCK	R24-Z	RW24	ALERO	854 ft	695 ft	-159 ft
CYCQ	R23-Y	RW23	DERSU	2'232 ft	2'049 ft	-183 ft
CYDA	R03-Y	RW03	BUBEK	1'320 ft	1'254 ft	-66 ft
CYDA	R03-Z	RW03	VINRU	1'387 ft	1'254 ft	-133 ft
CYDC	R22-Y	RW22	XESOM	2'405 ft	2'338 ft	-67 ft
CYDC	R22-Z	RW22	XESOM	2'405 ft	2'338 ft	-67 ft
CYDL	R03-Y	RW03	ITGEL	3'102 ft	2'653 ft	-449 ft
CYDL	R03-Z	RW03	ITGEL	3'102 ft	2'653 ft	-449 ft
CYDL	R21-Y	RW21	VIBTO	2'791 ft	2'676 ft	-115 ft
CYDL	R21-Z	RW21	AVOTO	3'123 ft	2'676 ft	-447 ft
CYDM	R09	RW09	EBGIS	3'000 ft	2'409 ft	-591 ft
CYDP	R04	RW04	GOPO	143 ft	64 ft	-79 ft
CYDP	R22	RW22	IGVOT	222 ft	63 ft	-159 ft
CYES	R34	RW34	SAXOK	562 ft	546 ft	-16 ft
CYEU	R28	RW28	XIDID	476 ft	319 ft	-157 ft
CYEV	L06	RW06	02IEV	301 ft	254 ft	-47 ft
CYFC	R15-Z	RW15	KIRUX	366 ft	103 ft	-263 ft
CYGK	R25	RW25	AGBOK	761 ft	347 ft	-414 ft
CYHD	L12	RW12	MA12	1'434 ft	1'404 ft	-30 ft
CYHI	R06	RW06	EPMOS	252 ft	156 ft	-96 ft
CYIF	L19	RW19	IIF08	69 ft	69 ft	ft
CYIF	R01-Y	RW01	IMEGO	104 ft	63 ft	-41 ft

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CYIF	R19-Y	RW19	URNUD	110 ft	69 ft	-41 ft
CYJF	R03	RW03	EMIVI	914 ft	757 ft	-157 ft
CYKA	L27-Y	RW27	IGTEB	1'825 ft	1'183 ft	-642 ft
CYKZ	R03	RW03	VILSU	909 ft	673 ft	-236 ft
CYLC	R15	RW15	UKTOT	532 ft	219 ft	-313 ft
CYLC	R33	RW33	ALKOX	730 ft	189 ft	-541 ft
CYLW	L16-Z	RW16	PENTI	2'154 ft	1'459 ft	-695 ft
CYLW	R16-X	RW16	MIBSI	1'465 ft	1'460 ft	-5 ft
CYLW	R16-Y	RW16	AXETI	1'948 ft	1'460 ft	-488 ft
CYMH	R11	RW11	VIGMU	123 ft	85 ft	-38 ft
CYMH	R29	RW29	TALNI	87 ft	75 ft	-12 ft
CYPD	R11-Z	RW11	XEROK	539 ft	382 ft	-157 ft
CYPW	R09	RW09	URMAX	706 ft	419 ft	-287 ft
CYPW	R27	RW27	MOBID	642 ft	475 ft	-167 ft
CYPZ	R11	RW11	ANVUV	2'454 ft	2'393 ft	-61 ft
CYQB	R11-Z	RW11	DUKBA	446 ft	289 ft	-157 ft
CYQH	L09	RW09	MA09	2'301 ft	2'295 ft	-6 ft
CYQH	R09-Z	RW09	DUXAD	2'454 ft	2'295 ft	-159 ft
CYQH	R27-Z	RW27	VIXOP	2'346 ft	2'305 ft	-41 ft
CYQT	R12-Z	RW12	OMPU	1'292 ft	702 ft	-590 ft
CYQZ	R13-Y	RW13	PEMSO	1'850 ft	1'838 ft	-12 ft
CYRI	R05-Z	RW05	VOGUS	631 ft	470 ft	-161 ft
CYSG	R06-Z	RW06	KELKI	1'068 ft	909 ft	-159 ft
CYSZ	R14	RW14	DURID	570 ft	90 ft	-480 ft
CYTB	R26	RW26	LERER	992 ft	940 ft	-52 ft
CYTZ	L26	RW26	ITZ05	306 ft	300 ft	-6 ft
CYTZ	R08-X	RW08	MEGBO	304 ft	297 ft	-7 ft
CYTZ	R08-Y	RW08	OBTAL	324 ft	307 ft	-17 ft
CYTZ	R08-Z	RW08	DUVU	844 ft	301 ft	-543 ft
CYTZ	R26-X	RW26	AMBIP	313 ft	308 ft	-5 ft
CYTZ	R26-Z	RW26	EBGAP	1'192 ft	300 ft	-892 ft
CYVK	R05	RW05	PEVKU	1'668 ft	1'181 ft	-487 ft
CYVW	R31	RW31	UKTIL	3'071 ft	2'280 ft	-791 ft
CYXC	L16-Y	RW16	MA16	3'424 ft	3'081 ft	-343 ft
CYXC	L16-Z	RW16	MA16	3'424 ft	3'081 ft	-343 ft
CYXS	R24	RW24	SERMU	2'424 ft	2'267 ft	-157 ft
CYXT	R15-Z	RW15	VITEK	1'165 ft	743 ft	-422 ft
CYYD	R15-Y	RW15	DAXAV	1'771 ft	1'751 ft	-20 ft
CYYD	R15-Z	RW15	BERIB	1'868 ft	1'751 ft	-117 ft
CYYD	R33-W	RW33	SEDEP	1'779 ft	1'764 ft	-15 ft
CYYD	R33-Z	RW33	NABRA	2'224 ft	1'764 ft	-460 ft
CYYF	R16-Z	RW16	PEVKO	1'210 ft	1'189 ft	-21 ft
CYYJ	L27	RW27	GAGLU	405 ft	106 ft	-299 ft
CYYR	L08-Z	RW08	UYR17	288 ft	207 ft	-81 ft
CYYT	R02	RW02	UKNAK	652 ft	495 ft	-157 ft
CYYY	R33	RW33	MUXIN	344 ft	222 ft	-122 ft
CYZD	R33-Z	RW33	LESUS	1'201 ft	686 ft	-515 ft
CYZT	R08-Z	RW08	PUSOL	279 ft	121 ft	-158 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
CYZT	R26-Y	RW26	KEDPO	400 ft	82 ft	-318 ft
CYZT	R26-Z	RW26	KEDPO	400 ft	82 ft	-318 ft
CYZW	R27-X	RW27	PEVSU	2'414 ft	2'348 ft	-66 ft
CYZW	R27-Z	RW27	PEVSU	2'414 ft	2'348 ft	-66 ft
CYZY	R17	RW17	KEGDI	2'489 ft	2'314 ft	-175 ft
CYZY	R35	RW35	BISLI	2'471 ft	2'315 ft	-156 ft
CZAM	R14	RW14	XOSEM	2'146 ft	1'781 ft	-365 ft
CZAM	R32	RW32	BITMI	2'603 ft	1'801 ft	-802 ft
CZFN	R07	RW07	OMPUB	425 ft	370 ft	-55 ft
CZMT	R13-Z	RW13	MELTU	225 ft	66 ft	-159 ft
CZSN	R36	RW36	EMUXO	1'257 ft	970 ft	-287 ft

## DA

DAAE	L26	RW26	BJ42	1'342 ft	60 ft	-1'282 ft
DAAG	L09-N	RW09	HB15	529 ft	106 ft	-423 ft
DAAG	L09-V	RW09	HB15	538 ft	106 ft	-432 ft
DAAG	L23	RW23	12AG	453 ft	130 ft	-323 ft
DAAG	L27	RW27	AL17	604 ft	115 ft	-489 ft
DAAJ	L12	RW12	DJ11	3'528 ft	3'213 ft	-315 ft
DAAS	L27	RW27	43STF	3'851 ft	3'367 ft	-484 ft
DAAT	L08	RW08	TA17	5'020 ft	4'519 ft	-501 ft
DAAV	L17	RW17	JIL20	548 ft	70 ft	-478 ft
DAAV	L17	RW17	JIL20	548 ft	70 ft	-478 ft
DABB	L18	RW18	08ANB	68 ft	56 ft	-12 ft
DABB	L18	RW18	08ANB	68 ft	56 ft	-12 ft
DABC	L31-Z	RW31	CT17	2'781 ft	2'304 ft	-477 ft
DABC	L34-Z	RW34	CS17	2'883 ft	2'366 ft	-517 ft
DABT	L23	RW23	15BT	3'174 ft	2'750 ft	-424 ft
DABT	L23	RW23	15BT	3'174 ft	2'750 ft	-424 ft
DAOF	L26R	RW26R	TF13	1'855 ft	1'494 ft	-361 ft
DAON	L25	RW25	15LT	1'285 ft	857 ft	-428 ft
DAON	L25	RW25	15LT	1'285 ft	857 ft	-428 ft
DAOO	L25R	RW25R	36ORA	667 ft	345 ft	-322 ft
DAUA	L04	RW04	12AD	1'295 ft	965 ft	-330 ft
DAUB	L31	RW31	BIS	564 ft	296 ft	-268 ft
DAUB	L31	RW31	BIS	564 ft	296 ft	-268 ft
DAUG	L30	RW30	GH16	1'931 ft	1'470 ft	-461 ft
DAUK	L01	RW01	1GT	594 ft	329 ft	-265 ft
DAUO	L13-Y	RW13	EO12	574 ft	244 ft	-330 ft
DAUO	L13-Z	RW13	EO12	574 ft	244 ft	-330 ft

## DB

DBBB	L24-Y	RW24	CN06	202 ft	65 ft	-137 ft
DBBB	L24-Z	RW24	CN06	202 ft	65 ft	-137 ft

## DF

DFFD	L04-Y	RW04	OUA	1'260 ft	1'084 ft	-176 ft
DFFD	L04-Z	RW04	OUA	1'260 ft	1'084 ft	-176 ft
DFOO	L06-Y	RW06	BD	1'650 ft	1'467 ft	-183 ft
DFOO	L06-Z	RW06	BD	1'650 ft	1'467 ft	-183 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>DG</b>							
	DGAA	L21	RW21	IACA8	462 ft	247 ft	-215 ft
	DGLE	L23-X	RW23	ITM14	983 ft	591 ft	-392 ft
<b>DI</b>							
	DIAP	L21-X	RW21	AN08	260 ft	61 ft	-199 ft
	DIAP	L21-Y	RW21	AN08	260 ft	61 ft	-199 ft
	DIAP	L21-Z	RW21	AN08	260 ft	61 ft	-199 ft
	DIYO	L05-Y	RW05	YAM	806 ft	701 ft	-105 ft
	DIYO	L05-Z	RW05	YAM	806 ft	701 ft	-105 ft
<b>DR</b>							
	DRRN	L09RZ	RW09R	NM10	1'038 ft	778 ft	-260 ft
<b>DT</b>							
	DTMB	L07	RW07	07MIS	229 ft	58 ft	-171 ft
<b>DX</b>							
	DXNG	L03-Y	RW03	NT	1'747 ft	1'549 ft	-198 ft
	DXNG	L03-Z	RW03	NT	1'747 ft	1'549 ft	-198 ft
	DXXX	L22-Y	RW22	LM	302 ft	114 ft	-188 ft
	DXXX	L22-Z	RW22	LM	302 ft	114 ft	-188 ft
<b>EB</b>							
	EBAW	L29	RW29	MM29	251 ft	81 ft	-170 ft
	EBBE	L04LY	RW04L	MI04L	577 ft	399 ft	-178 ft
	EBBE	L04LZ	RW04L	MI04L	577 ft	399 ft	-178 ft
	EBBE	L22RX	RW22R	BBE12	545 ft	366 ft	-179 ft
	EBBE	L22RY	RW22R	BBE12	545 ft	366 ft	-179 ft
	EBBE	L22RZ	RW22R	BBE12	545 ft	366 ft	-179 ft
	EBBL	L23R	RW23R	BBL01	369 ft	211 ft	-158 ft
	EBBR	L01	RW01	MM01	418 ft	225 ft	-193 ft
	EBBR	L19	RW19	IBM05	252 ft	155 ft	-97 ft
	EBBR	L25LY	RW25L	MM25L	407 ft	200 ft	-207 ft
	EBBR	L25LZ	RW25L	MM25L	407 ft	200 ft	-207 ft
	EBBR	L25RY	RW25R	MM25R	357 ft	152 ft	-205 ft
	EBBR	L25RZ	RW25R	MM25R	357 ft	152 ft	-205 ft
	EBCI	L24	RW24	MM24	833 ft	626 ft	-207 ft
	EBCI	L24	RW24	MM24	833 ft	626 ft	-207 ft
	EBFS	L26R	RW26R	BFS11	1'113 ft	974 ft	-139 ft
	EBKT	H06	RW06	MAP06	354 ft	105 ft	-249 ft
	EBLG	L04R	RW04R	IHH14	1'096 ft	694 ft	-402 ft
	EBLG	L04R	RW04R	IHH14	1'096 ft	694 ft	-402 ft
	EBLG	L22L	RW22L	MM22L	874 ft	645 ft	-229 ft
	EBLG	L22R	RW22R	IBI16	1'073 ft	627 ft	-446 ft
	EBOS	L08	RW08	DD	331 ft	56 ft	-275 ft
	EBOS	L08	RW08	DD	331 ft	56 ft	-275 ft
	EBOS	L26	RW26	OO	251 ft	54 ft	-197 ft
<b>ED</b>							
	EDAC	L22	RW22	MM22	831 ft	655 ft	-176 ft
	EDAH	L28	RW28	HC	300 ft	139 ft	-161 ft
	EDDB	L07L	RW07L	IBNE7	356 ft	194 ft	-162 ft
	EDDB	L07R	RW07R	07BSE	367 ft	202 ft	-165 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EDDB	L25L	RW25L	07BSW	365 ft	199 ft	-166 ft
EDDB	L25R	RW25R	IBNW6	339 ft	204 ft	-135 ft
EDDC	L04	RW04	MM04	996 ft	804 ft	-192 ft
EDDC	L22	RW22	IDRW8	948 ft	750 ft	-198 ft
EDDE	L09	RW09	EFD07	1'077 ft	1'073 ft	-4 ft
EDDE	L27	RW27	EFD12	1'244 ft	1'064 ft	-180 ft
EDDF	L07C	RW07C	FCE06	531 ft	379 ft	-152 ft
EDDF	L07R	RW07R	IFS07	545 ft	378 ft	-167 ft
EDDF	L25C	RW25C	07FCW	575 ft	414 ft	-161 ft
EDDF	L25L	RW25L	IFSW7	573 ft	412 ft	-161 ft
EDDG	L07	RW07	IMOE7	372 ft	206 ft	-166 ft
EDDG	L25	RW25	IMOW8	414 ft	209 ft	-205 ft
EDDH	L05	RW05	MM05	239 ft	82 ft	-157 ft
EDDH	L15	RW15	HHS07	272 ft	103 ft	-169 ft
EDDH	L23	RW23	07ALF	259 ft	93 ft	-166 ft
EDDK	L14L	RW14L	MM14L	456 ft	280 ft	-176 ft
EDDK	L24	RW24	IKOW7	494 ft	322 ft	-172 ft
EDDK	L32R	RW32R	IKEN7	494 ft	352 ft	-142 ft
EDDL	L05L	RW05L	IDNE1	328 ft	166 ft	-162 ft
EDDL	L05R	RW05R	06DUS	353 ft	171 ft	-182 ft
EDDL	L23L	RW23L	IDSW7	338 ft	188 ft	-150 ft
EDDL	L23R	RW23R	IDNW7	343 ft	174 ft	-169 ft
EDDM	L08L	RW08L	IMNE7	1'692 ft	1'517 ft	-175 ft
EDDM	L08R	RW08R	IMSE7	1'711 ft	1'536 ft	-175 ft
EDDM	L26L	RW26L	IMSW7	1'685 ft	1'520 ft	-165 ft
EDDM	L26R	RW26R	IMNW7	1'665 ft	1'499 ft	-166 ft
EDDN	L10	RW10	INUE7	1'234 ft	1'072 ft	-162 ft
EDDN	L28-Y	RW28	NGD12	1'273 ft	1'096 ft	-177 ft
EDDN	L28-Z	RW28	NGD12	1'273 ft	1'096 ft	-177 ft
EDDP	L08L	RW08L	LND09	634 ft	468 ft	-166 ft
EDDP	L08R	RW08R	MM08R	644 ft	478 ft	-166 ft
EDDP	L26L	RW26L	MM26L	704 ft	520 ft	-184 ft
EDDP	L26R	RW26R	MM26R	639 ft	498 ft	-141 ft
EDDR	L27	RW27	SAD09	1'310 ft	1'108 ft	-202 ft
EDDS	L07	RW07	STE08	1'507 ft	1'317 ft	-190 ft
EDDS	L25	RW25	STG	1'399 ft	1'231 ft	-168 ft
EDDV	H27R	RW27R	DV614	419 ft	219 ft	-200 ft
EDDV	L09L	RW09L	MM09L	377 ft	217 ft	-160 ft
EDDV	L09R	RW09R	HSE07	388 ft	222 ft	-166 ft
EDDV	L27LY	RW27L	MM27L	420 ft	229 ft	-191 ft
EDDV	L27LZ	RW27L	MM27L	420 ft	229 ft	-191 ft
EDDV	L27RY	RW27R	08HAD	421 ft	219 ft	-202 ft
EDDV	L27RZ	RW27R	08HAD	421 ft	219 ft	-202 ft
EDDW	L09-Z	RW09	MM09	239 ft	63 ft	-176 ft
EDDW	L27-Z	RW27	MM27	285 ft	64 ft	-221 ft
EDFH	L03	RW03	FHH12	1'864 ft	1'688 ft	-176 ft
EDFH	L21	RW21	MM21	1'811 ft	1'645 ft	-166 ft
EDFM	L27	RW27	MND10	673 ft	356 ft	-317 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EDGS	L31	RW31	MM31	2'141 ft	1'978 ft	-163 ft
EDHI	L05	RW05	MM05	243 ft	65 ft	-178 ft
EDHI	L23	RW23	HFW07	231 ft	65 ft	-166 ft
EDHK	L08	RW08	MM08	342 ft	149 ft	-193 ft
EDHK	L26	RW26	MM26	306 ft	139 ft	-167 ft
EDHL	L07	RW07	ILU10	242 ft	103 ft	-139 ft
EDHL	L25	RW25	09ILU	232 ft	98 ft	-134 ft
EDJA	L06	RW06	14ALD	2'478 ft	2'129 ft	-349 ft
EDJA	L24	RW24	ALD10	2'119 ft	2'103 ft	-16 ft
EDLN	L13	RW13	MHD03	362 ft	174 ft	-188 ft
EDLN	L31	RW31	MHD15	386 ft	175 ft	-211 ft
EDLP	L06	RW06	PLE07	923 ft	749 ft	-174 ft
EDLP	L24	RW24	6IPLW	867 ft	724 ft	-143 ft
EDLV	L27	RW27	LAA	310 ft	155 ft	-155 ft
EDLW	L06	RW06	MM06	649 ft	468 ft	-181 ft
EDLW	L24	RW24	IDW07	604 ft	451 ft	-153 ft
EDMA	L25	RW25	MM25	1'790 ft	1'565 ft	-225 ft
EDMO	L22	RW22	11OBI	2'102 ft	1'940 ft	-162 ft
EDNY	L06	RW06	FHD06	1'541 ft	1'385 ft	-156 ft
EDNY	L24	RW24	FHD14	1'594 ft	1'418 ft	-176 ft
EDOP	L24	RW24	PMD13	370 ft	216 ft	-154 ft
EDSB	L03	RW03	KBD15	644 ft	456 ft	-188 ft
EDSB	L21	RW21	11KBD	650 ft	455 ft	-195 ft
EDTL	L21	RW21	MM21	731 ft	550 ft	-181 ft
EDTY	L28	RW28	SHD12	1'575 ft	1'348 ft	-227 ft
EDVE	L26	RW26	BWG07	509 ft	338 ft	-171 ft
EDVK	L09	RW09	MM09	1'112 ft	910 ft	-202 ft
EDVK	L27	RW27	MM27	1'008 ft	852 ft	-156 ft
EDXW	L32	RW32	MM32	236 ft	81 ft	-155 ft
ETAD	L05	RW05	SPE01	1'204 ft	1'176 ft	-28 ft
ETAD	L23	RW23	CAPAK	1'328 ft	1'246 ft	-82 ft
ETAR	L08	RW08	GEMPO	996 ft	810 ft	-186 ft
ETAR	L09	RW09	APVOM	1'008 ft	810 ft	-198 ft
ETAR	L26	RW26	LUKIK	1'029 ft	826 ft	-203 ft
ETAR	L27	RW27	IVLEL	851 ft	830 ft	-21 ft
ETHN	L25	RW25	NDD07	1'750 ft	1'585 ft	-165 ft
ETMN	L08	RW08	INO07	289 ft	119 ft	-170 ft
ETMN	L26	RW26	MM26	262 ft	91 ft	-171 ft
ETNG	L27-Y	RW27	7IGEW	503 ft	340 ft	-163 ft
ETNH	L26	RW26	MM26	247 ft	88 ft	-159 ft
ETNL	L09-Y	RW09	LAG14	343 ft	190 ft	-153 ft
ETNL	L09-Z	RW09	LAG14	342 ft	190 ft	-152 ft
ETNL	L27-Y	RW27	MM28	329 ft	161 ft	-168 ft
ETNL	L27-Z	RW27	MM28	329 ft	161 ft	-168 ft
ETNN	L25	RW25	NVO24	647 ft	379 ft	-268 ft
ETNT	L26	RW26	INT10	350 ft	69 ft	-281 ft
ETNW	L08-Z	RW08	IWU07	392 ft	221 ft	-171 ft
ETNW	L08-Z	RW08	IWU07	392 ft	221 ft	-171 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ETNW	L26-Z	RW26	WUW0	394 ft	224 ft	-170 ft
ETNW	L26-Z	RW26	WUW0	394 ft	224 ft	-170 ft
ETOU	L25	RW25	OU110	666 ft	509 ft	-157 ft
ETSH	L27	RW27	DME07	479 ft	313 ft	-166 ft
ETSI	L25LX	RW25L	IGL	1'435 ft	1'243 ft	-192 ft
ETSI	L25LY	RW25L	IGL	1'435 ft	1'243 ft	-192 ft
ETSI	L25LZ	RW25L	IGL	1'435 ft	1'243 ft	-192 ft
ETSN	L27	RW27	INEU1	1'560 ft	1'296 ft	-264 ft

## EE

EEEE	L06	RW06	IAM08	325 ft	117 ft	-208 ft
EEEE	L06	RW06	IAM08	325 ft	117 ft	-208 ft
EEEE	L24	RW24	07IGO	288 ft	111 ft	-177 ft
EEEE	L24	RW24	07IGO	288 ft	111 ft	-177 ft
EEKE	L17	RW17	IWA03	156 ft	60 ft	-96 ft
EETN	L08	RW08	IIB05	343 ft	184 ft	-159 ft
EETN	L26	RW26	ILK07	353 ft	189 ft	-164 ft
EETU	L26	RW26	IUM05	406 ft	247 ft	-159 ft

## EF

EFET	L21	RW21	ET363	1'066 ft	1'056 ft	-10 ft
EFHA	L26-Y	RW26	HA05	621 ft	524 ft	-97 ft
EFHA	L26-Z	RW26	HA361	630 ft	524 ft	-106 ft
EFHK	L15	RW15	HL10	474 ft	213 ft	-261 ft
EFIV	L22-Y	RW22	IV361	618 ft	514 ft	-104 ft
EFIV	L22-Z	RW22	IV361	618 ft	514 ft	-104 ft
EFJO	L28	RW28	JO361	460 ft	415 ft	-45 ft
EFJY	L30-Y	RW30	JY361	565 ft	458 ft	-107 ft
EFJY	L30-Z	RW30	JY361	565 ft	458 ft	-107 ft
EFKE	L18-Y	RW18	KE361	134 ft	99 ft	-35 ft
EFKE	L18-Z	RW18	KE361	134 ft	99 ft	-35 ft
EFKI	L07	RW07	KI361	524 ft	481 ft	-43 ft
EFKK	L19-Y	RW19	KK361	139 ft	134 ft	-5 ft
EFKK	L19-Z	RW19	KK361	139 ft	134 ft	-5 ft
EFKS	L12	RW12	KS361	955 ft	917 ft	-38 ft
EFKT	L16-Y	RW16	KT361	702 ft	683 ft	-19 ft
EFKT	L16-Z	RW16	KT361	702 ft	683 ft	-19 ft
EFKT	L34-Y	RW34	KT362	1'099 ft	695 ft	-404 ft
EFKT	L34-Z	RW34	KT362	1'099 ft	695 ft	-404 ft
EFKU	L33-Y	RW33	KU361	464 ft	367 ft	-97 ft
EFKU	L33-Z	RW33	KU361	464 ft	367 ft	-97 ft
EFLP	L06	RW06	LP361	435 ft	399 ft	-36 ft
EFMA	L21-Y	RW21	MA361	110 ft	68 ft	-42 ft
EFMA	L21-Z	RW21	MA361	110 ft	68 ft	-42 ft
EFMI	L11-Y	RW11	M	790 ft	374 ft	-416 ft
EFMI	L11-Z	RW11	M	790 ft	374 ft	-416 ft
EFOU	L12-Y	RW12	OU05	205 ft	98 ft	-107 ft
EFOU	L12-Z	RW12	OU361	206 ft	98 ft	-108 ft
EFPO	L30-Y	RW30	PO362	193 ft	86 ft	-107 ft
EFPO	L30-Z	RW30	PO362	193 ft	86 ft	-107 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EFRO	L21-Y	RW21	RO02	679 ft	660 ft	-19 ft
EFRO	L21-Z	RW21	RO361	678 ft	660 ft	-18 ft
EFSA	L12	RW12	SA361	394 ft	362 ft	-32 ft
EFSI	L32-Y	RW32	MM32	482 ft	334 ft	-148 ft
EFSI	L32-Z	RW32	MM32	484 ft	334 ft	-150 ft
EFTP	L24-Y	RW24	TP03	460 ft	417 ft	-43 ft
EFTP	L24-Z	RW24	TP361	459 ft	417 ft	-42 ft
EFTU	L26-Y	RW26	O2TU	199 ft	192 ft	-7 ft
EFTU	L26-Z	RW26	TU361	205 ft	192 ft	-13 ft
EFUT	L25-Y	RW25	UT05	504 ft	390 ft	-114 ft
EFUT	L25-Z	RW25	UT361	509 ft	390 ft	-119 ft
EFVA	L16-Y	RW16	VA05	179 ft	71 ft	-108 ft
EFVA	L16-Z	RW16	VA361	179 ft	71 ft	-108 ft

## EG

EGAA	L17	RW17	IFT08	510 ft	256 ft	-254 ft
EGAA	L25-Y	RW25	IAG09	607 ft	318 ft	-289 ft
EGAA	L25-Z	RW25	IAG09	607 ft	318 ft	-289 ft
EGAC	L04	RW04	HBD01	390 ft	63 ft	-327 ft
EGAC	L22	RW22	IBF05	231 ft	62 ft	-169 ft
EGAE	L08-Y	RW08	EGN01	394 ft	71 ft	-323 ft
EGAE	L08-Z	RW08	EGN01	394 ft	71 ft	-323 ft
EGAE	L26	RW26	IEGT1	378 ft	61 ft	-317 ft
EGBJ	L27	RW27	IGOS1	516 ft	137 ft	-379 ft
EGCN	L02-Y	RW02	FIN01	430 ft	102 ft	-328 ft
EGCN	L02-Z	RW02	FIN01	430 ft	102 ft	-328 ft
EGCN	L20	RW20	FNL01	395 ft	76 ft	-319 ft
EGDM	L23	RW23	IBO10	747 ft	428 ft	-319 ft
EGDM	L23-Z	RW23	IBO10	747 ft	428 ft	-319 ft
EGDR	L29	RW29	CUL05	477 ft	318 ft	-159 ft
EGDR	L29-N	RW29	CUL05	477 ft	318 ft	-159 ft
EGDY	L26	RW26	IYEO1	437 ft	119 ft	-318 ft
EGEC	H11	RW11	MA11	89 ft	80 ft	-9 ft
EGFF	L12	RW12	ICDF0	427 ft	255 ft	-172 ft
EGFF	L12	RW12	ICDF0	427 ft	255 ft	-172 ft
EGFF	L30-Y	RW30	ICWA0	422 ft	263 ft	-159 ft
EGFF	L30-Z	RW30	ICWA0	422 ft	263 ft	-159 ft
EGGD	L09	RW09	05BON	822 ft	664 ft	-158 ft
EGGD	L27	RW27	05BTS	803 ft	651 ft	-152 ft
EGGP	L09	RW09	ILV05	269 ft	110 ft	-159 ft
EGGP	L27	RW27	ILQ5	287 ft	128 ft	-159 ft
EGGW	L25	RW25	ILJ05	728 ft	558 ft	-170 ft
EGHQ	L12	RW12	NEW01	674 ft	357 ft	-317 ft
EGHQ	L30	RW30	INWQ1	754 ft	435 ft	-319 ft
EGJB	L09	RW09	IUY5	511 ft	352 ft	-159 ft
EGJB	L27	RW27	IGH05	546 ft	386 ft	-160 ft
EGJJ	L08	RW08	JW	496 ft	321 ft	-175 ft
EGJJ	L26	RW26	IDD5	492 ft	322 ft	-170 ft
EGKA	H02	RW02	MA02	392 ft	57 ft	-335 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EGKB	L21	RW21	IBGH5	719 ft	567 ft	-152 ft
EGKK	L08R	RW08R	IGG05	412 ft	246 ft	-166 ft
EGKK	L26L	RW26L	IWW05	413 ft	246 ft	-167 ft
EGLC	L09	RW09	05LST	359 ft	67 ft	-292 ft
EGLC	L27	RW27	LCY	127 ft	69 ft	-58 ft
EGLF	L06	RW06	IFR05	442 ft	275 ft	-167 ft
EGLF	L24-Y	RW24	05IFN	440 ft	269 ft	-171 ft
EGLF	L24-Z	RW24	05IFN	440 ft	269 ft	-171 ft
EGLL	L09L	RW09L	IAA05	295 ft	129 ft	-166 ft
EGLL	L09R	RW09R	IBB05	284 ft	125 ft	-159 ft
EGLL	L27L	RW27L	ILL05	279 ft	127 ft	-152 ft
EGLL	L27R	RW27R	IRR05	297 ft	128 ft	-169 ft
EGMD	H03	RW03	MA03	306 ft	60 ft	-246 ft
EGMD	H21-Y	RW21	MA21	439 ft	62 ft	-377 ft
EGMD	H21-Z	RW21	MA21C	610 ft	62 ft	-548 ft
EGNH	L28	RW28	IBP09	368 ft	78 ft	-290 ft
EGNJ	L20	RW20	IHS5	274 ft	124 ft	-150 ft
EGNL	L35	RW35	IWL05	280 ft	94 ft	-186 ft
EGNM	L14-Y	RW14	LBF05	910 ft	724 ft	-186 ft
EGNM	L14-Z	RW14	LBF05	910 ft	724 ft	-186 ft
EGNM	L32	RW32	ILF09	1'014 ft	712 ft	-302 ft
EGNM	L32	RW32	ILF09	1'014 ft	712 ft	-302 ft
EGNO	L25	RW25	IWQ05	264 ft	104 ft	-160 ft
EGNO	L25-N	RW25	IWQ05	264 ft	104 ft	-160 ft
EGNO	L25-T	RW25	IWQ05	264 ft	104 ft	-160 ft
EGNR	L04	RW04	01THR	457 ft	82 ft	-375 ft
EGNR	L22	RW22	HDN01	386 ft	67 ft	-319 ft
EGNS	L08	RW08	IRH7	336 ft	80 ft	-256 ft
EGNS	L26	RW26	IRY05	231 ft	83 ft	-148 ft
EGNT	L07	RW07	INC5	484 ft	313 ft	-171 ft
EGNT	L25	RW25	NWC5	448 ft	289 ft	-159 ft
EGNV	L05	RW05	TSE05	318 ft	165 ft	-153 ft
EGNV	L23	RW23	ITD05	325 ft	166 ft	-159 ft
EGNX	L09	RW09	IEM05	515 ft	356 ft	-159 ft
EGNX	L27	RW27	05IEM	491 ft	332 ft	-159 ft
EGOS	L18	RW18	SHY5	465 ft	292 ft	-173 ft
EGOV	L13	RW13	IVY01	412 ft	81 ft	-331 ft
EGPA	H27	RW27	MA27	275 ft	89 ft	-186 ft
EGPA	L09	RW09	IOR05	259 ft	89 ft	-170 ft
EGPA	L27	RW27	IKIR5	265 ft	89 ft	-176 ft
EGPB	L09	RW09	SUB05	244 ft	70 ft	-174 ft
EGPB	L27	RW27	ISG05	244 ft	71 ft	-173 ft
EGPD	L16	RW16	IAX05	414 ft	255 ft	-159 ft
EGPD	L34	RW34	IABD1	584 ft	265 ft	-319 ft
EGPE	L05	RW05	ILN05	239 ft	80 ft	-159 ft
EGPE	L05	RW05	ILN05	239 ft	80 ft	-159 ft
EGPE	L23	RW23	IDX05	230 ft	71 ft	-159 ft
EGPF	L05	RW05	IUU05	226 ft	76 ft	-150 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EGPF	L23	RW23	IOO1	387 ft	71 ft	-316 ft
EGPH	L06	RW06	IVG01	482 ft	160 ft	-322 ft
EGPH	L24	RW24	ITH01	468 ft	150 ft	-318 ft
EGPK	L12	RW12	IPP07	294 ft	88 ft	-206 ft
EGPN	H09	RW09	MA09	375 ft	57 ft	-318 ft
EGPN	L09	RW09	01DDE	392 ft	67 ft	-325 ft
EGPO	L18	RW18	STW5	236 ft	66 ft	-170 ft
EGPO	L36	RW36	SOY05	235 ft	65 ft	-170 ft
EGPR	H15	RW15	MA15	140 ft	44 ft	-96 ft
EGQL	L26	RW26	LUK16	323 ft	72 ft	-251 ft
EGQS	L23	RW23	ILO05	233 ft	74 ft	-159 ft
EGSC	L23	RW23	D5	258 ft	98 ft	-160 ft
EGSH	L27	RW27	05INH	322 ft	156 ft	-166 ft
EGSS	L04	RW04	ISE05	541 ft	382 ft	-159 ft
EGSS	L22	RW22	ISX05	557 ft	398 ft	-159 ft
EGSY	L25	RW25	ISA05	351 ft	183 ft	-168 ft
EGTE	L08	RW08	IET01	468 ft	150 ft	-318 ft
EGTE	L26	RW26	IXR01	530 ft	152 ft	-378 ft
EGTK	L19	RW19	IOX05	467 ft	308 ft	-159 ft
EGUB	L19	RW19	IBO11	603 ft	253 ft	-350 ft
EGUL	L06-Y	RW06	EPORA	254 ft	78 ft	-176 ft
EGUL	L06-Z	RW06	EPORA	257 ft	78 ft	-179 ft
EGUL	L24-Y	RW24	XERSA	257 ft	79 ft	-178 ft
EGUL	L24-Z	RW24	XERSA	261 ft	79 ft	-182 ft
EGUN	L10	RW10	LORVA	226 ft	71 ft	-155 ft
EGUW	L23	RW23	IWA01	657 ft	328 ft	-329 ft
EGVN	L07	RW07	BZA08	607 ft	334 ft	-273 ft
EGVN	L07	RW07	BZA08	610 ft	334 ft	-276 ft
EGVN	L25	RW25	IBZB1	629 ft	298 ft	-331 ft
EGVN	L25	RW25	IBZB1	629 ft	298 ft	-331 ft
EGWU	L25	RW25	NHT01	523 ft	174 ft	-349 ft
EGXC	L25	RW25	CNY10	403 ft	74 ft	-329 ft
EGXE	L16	RW16	ILI05	329 ft	160 ft	-169 ft
EGXW	L20	RW20	IWA8	535 ft	269 ft	-266 ft
EGYD	L26	RW26	ICW9	517 ft	230 ft	-287 ft
EGYD	L26-T	RW26	ICW9	517 ft	230 ft	-287 ft
EGYM	L24	RW24	IMR08	378 ft	111 ft	-267 ft

## EH

EHAM	L22	RW22	AM652	418 ft	36 ft	-382 ft
EHDL	L19	RW19	DNS04	285 ft	214 ft	-71 ft
EHEH	L03-Z	RW03	EHZ6	250 ft	123 ft	-127 ft
EHEH	L21-Z	RW21	EHO5	213 ft	117 ft	-96 ft
EHGR	L28	RW28	GZO06	223 ft	85 ft	-138 ft
EHKD	H03-Z	RW03	HDR	330 ft	53 ft	-277 ft
EHKD	L21	RW21	DKY08	243 ft	52 ft	-191 ft
EHLW	L05	RW05	LWZ06	188 ft	54 ft	-134 ft
EHLW	L09	RW09	WOL12	382 ft	53 ft	-329 ft
EHLW	L23	RW23	4LWO	132 ft	54 ft	-78 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EHLW	L27	RW27	LOB11	352 ft	53 ft	-299 ft
EHVK	L06L	RW06L	VLZ5	218 ft	122 ft	-96 ft
EHVK	L24R	RW24R	VLO2	114 ft	112 ft	-2 ft
EHWO	L07	RW07	WDZ07	256 ft	89 ft	-167 ft
EHWO	L25	RW25	WDO0	250 ft	113 ft	-137 ft

## EI

EICK	H16	RW16	CK008	693 ft	534 ft	-159 ft
EICK	H34	RW34	CK015	706 ft	515 ft	-191 ft
EICK	L16	RW16	CK011	691 ft	527 ft	-164 ft
EICK	L34	RW34	CK018	716 ft	511 ft	-205 ft
EIDW	L10R	RW10R	MM10R	459 ft	292 ft	-167 ft
EIDW	L16	RW16	DW008	580 ft	267 ft	-313 ft
EIDW	L28L	RW28L	MM28L	411 ft	252 ft	-159 ft
EIKN	L26-A	RW26	KN008	907 ft	715 ft	-192 ft
EIKN	L26-B	RW26	KN009	901 ft	715 ft	-186 ft
EIKY	L26	RW26	KY017	349 ft	162 ft	-187 ft
EINN	L06	RW06	NN004	418 ft	96 ft	-322 ft
EINN	L24	RW24	SHA	403 ft	65 ft	-338 ft
EISG	H10-Z	RW10	SG205	506 ft	61 ft	-445 ft

## EK

EKAH	L28L	RW28L	TR2	154 ft	125 ft	-29 ft
EKBI	L09-Y	RW09	LEL16	350 ft	265 ft	-85 ft
EKBI	L09-Z	RW09	BIL05	382 ft	265 ft	-117 ft
EKBI	L27-Y	RW27	BIL16	379 ft	294 ft	-85 ft
EKBI	L27-Z	RW27	LEL05	379 ft	294 ft	-85 ft
EKCH	L04L	RW04L	05CH	169 ft	63 ft	-106 ft
EKCH	L04R	RW04R	NE01	385 ft	62 ft	-323 ft
EKCH	L12	RW12	KA05	171 ft	63 ft	-108 ft
EKCH	L22L	RW22L	05OXS	160 ft	58 ft	-102 ft
EKCH	L22R	RW22R	KLK05	173 ft	64 ft	-109 ft
EKCH	L30	RW30	05OY	166 ft	58 ft	-108 ft
EKEB	L08-Y	RW08	ES16	250 ft	128 ft	-122 ft
EKEB	L08-Z	RW08	OO05	237 ft	128 ft	-109 ft
EKEB	L26-Y	RW26	1600	258 ft	147 ft	-111 ft
EKEB	L26-Z	RW26	ES05	245 ft	147 ft	-98 ft
EKKA	L09R	RW09R	KAP6	342 ft	204 ft	-138 ft
EKKA	L27L	RW27L	KR06	355 ft	220 ft	-135 ft
EKOD	L24	RW24	OD05	199 ft	96 ft	-103 ft
EKRK	L11	RW11	05KV	291 ft	195 ft	-96 ft
EKRK	L11	RW11	05KV	291 ft	195 ft	-96 ft
EKRK	L21	RW21	SN02	196 ft	196 ft	ft
EKRK	R11	RW11	RK369	472 ft	195 ft	-277 ft
EKRK	R11	RW11	RK369	472 ft	195 ft	-277 ft
EKRN	L29	RW29	IRE02	107 ft	101 ft	-6 ft
EKSB	L32	RW32	CIM05	176 ft	71 ft	-105 ft
EKSN	H08	RW08	SN08M	364 ft	141 ft	-223 ft
EKSP	L10LZ	RW10L	11SKR	189 ft	176 ft	-13 ft
EKSP	L28RZ	RW28R	27SKR	197 ft	191 ft	-6 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EKVD	R19	RW19	VD191	285 ft	193 ft	-92 ft
EKVG	H30-U	RW30	VG900	295 ft	295 ft	ft
EKVG	H30-V	RW30	VG900	295 ft	295 ft	ft
EKVG	H30-W	RW30	VG900	295 ft	295 ft	ft
EKVG	L12	RW12	SF17	876 ft	314 ft	-562 ft
EKVG	L30-V	RW30	MF30	1'343 ft	285 ft	-1'058 ft
EKVG	L30-Z	RW30	MF28	1'291 ft	285 ft	-1'006 ft
EKVG	L30-Z	RW30	MF28	1'291 ft	285 ft	-1'006 ft
EKYT	L08L	RW08L	AE05	174 ft	57 ft	-117 ft
EKYT	L26R	RW26R	YT5	177 ft	60 ft	-117 ft
EKYT	L26R	RW26R	YT5	177 ft	60 ft	-117 ft

## EL

ELLX	L06	RW06	ILE07	1'396 ft	1'209 ft	-187 ft
ELLX	L24	RW24	ILW07	1'436 ft	1'263 ft	-173 ft

## EN

ENAL	H06-Z	RW06	AL799	590 ft	85 ft	-505 ft
ENAL	H24-Y	RW24	AL440	156 ft	99 ft	-57 ft
ENAL	L24	RW24	VGR01	338 ft	99 ft	-239 ft
ENAN	L14	RW14	AN22	256 ft	76 ft	-180 ft
ENAS	H12	RW12	AS401	750 ft	179 ft	-571 ft
ENAS	H30	RW30	AS601	520 ft	153 ft	-367 ft
ENAT	L11	RW11	AT01	400 ft	60 ft	-340 ft
ENAT	L11	RW11	AT01	400 ft	60 ft	-340 ft
ENAT	L11	RW11	AT01	400 ft	60 ft	-340 ft
ENBL	H25-Z	RW25	BL400	2'219 ft	1'095 ft	-1'124 ft
ENBL	L07	RW07	BL14	1'500 ft	1'079 ft	-421 ft
ENBL	L25	RW25	FD02	2'168 ft	1'095 ft	-1'073 ft
ENBO	H25	RW25	BO633	151 ft	90 ft	-61 ft
ENBO	L07-Z	RW07	BO9	303 ft	69 ft	-234 ft
ENBO	L25	RW25	BD11	447 ft	90 ft	-357 ft
ENBR	L17-W	RW17	BR8	408 ft	216 ft	-192 ft
ENBR	L35-W	RW35	BG01	454 ft	197 ft	-257 ft
ENBS	L21	RW21	BT01	898 ft	539 ft	-359 ft
ENBV	L24	RW24	BV01	542 ft	79 ft	-463 ft
ENCN	L03	RW03	CN01	400 ft	91 ft	-309 ft
ENCN	L21	RW21	KJ01	430 ft	102 ft	-328 ft
ENDU	H28	RW28	DU411	281 ft	270 ft	-11 ft
ENDU	L10-X	RW10	DU24	718 ft	303 ft	-415 ft
ENDU	L10-Z	RW10	DU24	718 ft	303 ft	-415 ft
ENDU	L28	RW28	BF09	576 ft	270 ft	-306 ft
ENEV	H35-Z	RW35	EV710	444 ft	131 ft	-313 ft
ENEV	L17	RW17	EV5	288 ft	132 ft	-156 ft
ENFL	H25	RW25	FL710	377 ft	72 ft	-305 ft
ENFL	L07	RW07	FLO01	330 ft	87 ft	-243 ft
ENGM	L01L	RW01L	OBW10	976 ft	706 ft	-270 ft
ENGM	L01R	RW01R	ONE10	998 ft	720 ft	-278 ft
ENGM	L19L	RW19L	GME1	995 ft	731 ft	-264 ft
ENGM	L19R	RW19R	GSW1	993 ft	726 ft	-267 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ENHD	L13	RW13	HD5	239 ft	112 ft	-127 ft
ENHF	L04-Z	RW04	HA02	1'065 ft	312 ft	-753 ft
ENHF	L22-Z	RW22	HF3	1'227 ft	311 ft	-916 ft
ENHK	L29	RW29	VK22	785 ft	62 ft	-723 ft
ENKB	H25	RW25	KB780	244 ft	234 ft	-10 ft
ENKB	L07-X	RW07	KB18	739 ft	230 ft	-509 ft
ENKB	L07-Z	RW07	KB18	739 ft	230 ft	-509 ft
ENKR	L23	RW23	KR7	528 ft	332 ft	-196 ft
ENLK	H02	RW02	LK410	201 ft	124 ft	-77 ft
ENLK	L02	RW02	LK02	761 ft	124 ft	-637 ft
ENMH	L17	RW17	MH16	567 ft	83 ft	-484 ft
ENML	H25	RW25	ML631	86 ft	60 ft	-26 ft
ENML	L25-Z	RW25	ME3	915 ft	60 ft	-855 ft
ENMS	L33	RW33	MS01	673 ft	290 ft	-383 ft
ENNA	L16-Y	RW16	BK12	317 ft	66 ft	-251 ft
ENNA	L16-Y	RW16	BK12	317 ft	66 ft	-251 ft
ENNA	L16-Y	RW16	BK12	317 ft	66 ft	-251 ft
ENNA	L16-Z	RW16	BK12	317 ft	66 ft	-251 ft
ENNA	L34	RW34	BA01	391 ft	76 ft	-315 ft
ENNO	H12	RW12	NERUV	1'162 ft	110 ft	-1'052 ft
ENNO	L12	RW12	NT25	1'182 ft	110 ft	-1'072 ft
ENOL	L15	RW15	OL09	307 ft	69 ft	-238 ft
ENOL	L33	RW33	ON01	372 ft	80 ft	-292 ft
ENRO	H31	RW31	RO400	2'118 ft	2'101 ft	-17 ft
ENRO	L31	RW31	RO01	2'381 ft	2'101 ft	-280 ft
ENRY	L30	RW30	RY5	321 ft	219 ft	-102 ft
ENSB	H10-Y	RW10	SB602	1'108 ft	121 ft	-987 ft
ENSB	H10-Y	RW10	SB602	1'108 ft	121 ft	-987 ft
ENSB	H10-Y	RW10	SB602	1'108 ft	121 ft	-987 ft
ENSB	H10-Y	RW10	SB602	1'108 ft	121 ft	-987 ft
ENSB	H28	RW28	SB701	1'327 ft	129 ft	-1'198 ft
ENSB	L10	RW10	LB27	949 ft	121 ft	-828 ft
ENSB	L10	RW10	LB27	949 ft	121 ft	-828 ft
ENSB	L10	RW10	LB27	949 ft	121 ft	-828 ft
ENSB	L28	RW28	LA11	508 ft	129 ft	-379 ft
ENSD	H08	RW08	SD400	2'137 ft	224 ft	-1'913 ft
ENSD	H26	RW26	SD500	731 ft	230 ft	-501 ft
ENSD	L26	RW26	AD19	1'238 ft	230 ft	-1'008 ft
ENSG	H24-Y	RW24	SG403	2'745 ft	1'683 ft	-1'062 ft
ENSG	H24-Z	RW24	SG407	1'741 ft	1'683 ft	-58 ft
ENSG	L06	RW06	SGD27	2'854 ft	1'666 ft	-1'188 ft
ENSG	L24	RW24	SG22	2'615 ft	1'683 ft	-932 ft
ENSH	H01-Z	RW01	SH400	907 ft	79 ft	-828 ft
ENSH	L01	RW01	SV02	716 ft	79 ft	-637 ft
ENSK	H26	RW26	SK551	532 ft	63 ft	-469 ft
ENSK	L08	RW08	01STK	368 ft	61 ft	-307 ft
ENSK	L26	RW26	SK5	344 ft	63 ft	-281 ft
ENSO	L14	RW14	SRD11	395 ft	204 ft	-191 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ENSS	H33-Y	RW33	SS609	757 ft	74 ft	-683 ft
ENST	H02-Z	RW02	ST417	135 ft	83 ft	-52 ft
ENST	L20	RW20	STO15	510 ft	103 ft	-407 ft
ENTC	H18	RW18	TC504	447 ft	65 ft	-382 ft
ENTC	H36	RW36	TC406	502 ft	77 ft	-425 ft
ENTC	L18	RW18	TR19	830 ft	65 ft	-765 ft
ENTC	L18	RW18	TR19	830 ft	65 ft	-765 ft
ENTC	L18	RW18	TR19	830 ft	65 ft	-765 ft
ENTC	L36	RW36	TC17	752 ft	77 ft	-675 ft
ENTO	L18	RW18	TRP6	487 ft	332 ft	-155 ft
ENTO	L36	RW36	SFJ5	408 ft	305 ft	-103 ft
ENVA	L09	RW09	TO14	470 ft	66 ft	-404 ft
ENVA	L27	RW27	TD16	610 ft	106 ft	-504 ft
ENVD	L07	RW07	VD17	411 ft	177 ft	-234 ft
ENZV	L11-Z	RW11	ZL01	331 ft	57 ft	-274 ft
ENZV	L18-Z	RW18	ZV09	296 ft	60 ft	-236 ft
ENZV	L36-Z	RW36	SL10	340 ft	79 ft	-261 ft

## EP

EPBY	L26-Y	RW26	BYD8	488 ft	284 ft	-204 ft
EPCE	L25-Y	RW25	M	737 ft	555 ft	-182 ft
EPCE	L25-Z	RW25	ICE08	737 ft	555 ft	-182 ft
EPDE	L30-X	RW30	ML30	588 ft	441 ft	-147 ft
EPDE	L30-Y	RW30	ML30	588 ft	441 ft	-147 ft
EPDE	L30-Z	RW30	ND	588 ft	441 ft	-147 ft
EPGD	L29	RW29	IGD08	727 ft	538 ft	-189 ft
EPKK	L25	RW25	KRW08	1'017 ft	829 ft	-188 ft
EPKS	L29-Y	RW29	NK	498 ft	324 ft	-174 ft
EPKS	L29-Z	RW29	NK	497 ft	324 ft	-173 ft
EPKT	L27	RW27	IKT07	1'215 ft	1'053 ft	-162 ft
EPLB	L25-Y	RW25	ISW09	910 ft	676 ft	-234 ft
EPLB	L25-Z	RW25	ISW09	910 ft	676 ft	-234 ft
EPLK	L28-Y	RW28	IAS02	681 ft	681 ft	ft
EPLK	L28-Z	RW28	IAS02	684 ft	681 ft	-3 ft
EPLL	L25	RW25	LOD1	918 ft	656 ft	-262 ft
EPMB	L25-Y	RW25	NB	238 ft	68 ft	-170 ft
EPMB	L25-Z	RW25	NB	238 ft	68 ft	-170 ft
EPMM	L26-Y	RW26	NF	862 ft	654 ft	-208 ft
EPMM	L26-Z	RW26	NF	862 ft	654 ft	-208 ft
EPMO	L08	RW08	MDX09	619 ft	391 ft	-228 ft
EPOK	L31	RW31	NW	387 ft	186 ft	-201 ft
EPPO	L28	RW28	ML28	580 ft	338 ft	-242 ft
EPPW	L28LY	RW28L	IPW18	436 ft	432 ft	-4 ft
EPPW	L28LZ	RW28L	NG	645 ft	432 ft	-213 ft
EPRZ	L27-Z	RW27	RZW08	915 ft	719 ft	-196 ft
EPSC	L31	RW31	SZC12	524 ft	205 ft	-319 ft
EPSN	L29	RW29	ND	604 ft	429 ft	-175 ft
EPSY	L01-Y	RW01	SZY08	688 ft	490 ft	-198 ft
EPSY	L01-Z	RW01	SZY08	688 ft	490 ft	-198 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EPWA	L11-Z	RW11	WAS07	579 ft	412 ft	-167 ft
EPWA	L33-X	RW33	WA07	571 ft	408 ft	-163 ft
EPWR	L29	RW29	WRO0	731 ft	451 ft	-280 ft
EPZG	L24-Y	RW24	IZG07	408 ft	237 ft	-171 ft

## ES

ESCF	L01	RW01	CFE07	469 ft	301 ft	-168 ft
ESCF	L19	RW19	CFB07	536 ft	345 ft	-191 ft
ESCM	L21	RW21	CM07	286 ft	118 ft	-168 ft
ESDF	L01	RW01	NDF8	435 ft	231 ft	-204 ft
ESDF	L19	RW19	DF08	442 ft	260 ft	-182 ft
ESGG	L03	RW03	MM03	719 ft	528 ft	-191 ft
ESGG	L21	RW21	MM21	727 ft	556 ft	-171 ft
ESGJ	L01	RW01	SGJ05	888 ft	784 ft	-104 ft
ESGJ	L19	RW19	MM19	973 ft	789 ft	-184 ft
ESGT	L33	RW33	MM33	378 ft	185 ft	-193 ft
ESIB	L01	RW01	07IBT	391 ft	219 ft	-172 ft
ESIB	L19	RW19	7IBC	384 ft	225 ft	-159 ft
ESKM	L16	RW16	MM16	910 ft	681 ft	-229 ft
ESKN	L08	RW08	WEK8	370 ft	164 ft	-206 ft
ESKN	L26	RW26	MM26	344 ft	178 ft	-166 ft
ESKS	L15	RW15	SAE08	1'889 ft	1'694 ft	-195 ft
ESKS	L33	RW33	SAL08	1'902 ft	1'694 ft	-208 ft
ESMK	L19	RW19	MK7	309 ft	124 ft	-185 ft
ESMQ	L16-Y	RW16	MM16	249 ft	68 ft	-181 ft
ESMQ	L16-Z	RW16	MM16	250 ft	68 ft	-182 ft
ESMS	L17	RW17	NMS08	461 ft	259 ft	-202 ft
ESMS	L35	RW35	SMS08	484 ft	286 ft	-198 ft
ESMT	L19	RW19	MM19	289 ft	134 ft	-155 ft
ESMX	L19	RW19	MM19	786 ft	613 ft	-173 ft
ESND	L09-Y	RW09	08IND	1'426 ft	1'223 ft	-203 ft
ESND	L09-Z	RW09	08IND	1'426 ft	1'223 ft	-203 ft
ESNG	L30	RW30	NG60	1'183 ft	1'021 ft	-162 ft
ESNK	L17	RW17	NK14	247 ft	85 ft	-162 ft
ESNK	L35	RW35	NK07	265 ft	74 ft	-191 ft
ESNL	L14-Y	RW14	WL07	954 ft	755 ft	-199 ft
ESNL	L14-Z	RW14	WL07	954 ft	755 ft	-199 ft
ESNL	L32-Y	RW32	NL5	777 ft	739 ft	-38 ft
ESNL	L32-Z	RW32	NL5	777 ft	739 ft	-38 ft
ESNN	L16	RW16	NNN08	294 ft	67 ft	-227 ft
ESNN	L34	RW34	SNN08	262 ft	63 ft	-199 ft
ESNO	L12-Y	RW12	NO07	595 ft	404 ft	-191 ft
ESNO	L12-Z	RW12	NO07	595 ft	404 ft	-191 ft
ESNQ	L21-Y	RW21	NQ08	1'683 ft	1'482 ft	-201 ft
ESNQ	L21-Z	RW21	NQ08	1'683 ft	1'482 ft	-201 ft
ESNS	L28	RW28	08NS	375 ft	172 ft	-203 ft
ESNU	L14	RW14	NU08	280 ft	75 ft	-205 ft
ESNU	L32-Y	RW32	SNU08	259 ft	67 ft	-192 ft
ESNU	L32-Z	RW32	SNU08	259 ft	67 ft	-192 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ESNV	L28	RW28	MM28	1'370 ft	1'189 ft	-181 ft
ESNX	L12-Y	RW12	ARV08	1'496 ft	1'292 ft	-204 ft
ESNX	L12-Z	RW12	ARV08	1'496 ft	1'292 ft	-204 ft
ESNX	L30-Y	RW30	NX08	1'494 ft	1'290 ft	-204 ft
ESNX	L30-Z	RW30	NX08	1'494 ft	1'290 ft	-204 ft
ESNZ	L12	RW12	PC08	1'434 ft	1'244 ft	-190 ft
ESOE	L01	RW01	MM01	301 ft	211 ft	-90 ft
ESOE	L01	RW01	MM01	301 ft	211 ft	-90 ft
ESOE	L19	RW19	NOE05	338 ft	242 ft	-96 ft
ESOE	L19	RW19	NOE05	338 ft	242 ft	-96 ft
ESOH	L18	RW18	IHF8	722 ft	524 ft	-198 ft
ESOK	L03	RW03	MM03	564 ft	383 ft	-181 ft
ESOK	L21	RW21	MM21	584 ft	403 ft	-181 ft
ESOW	L19	RW19	SCD08	278 ft	72 ft	-206 ft
ESPA	L14-Y	RW14	MM14	289 ft	115 ft	-174 ft
ESPA	L14-Z	RW14	MM14	289 ft	115 ft	-174 ft
ESPA	L32	RW32	SPA07	240 ft	71 ft	-169 ft
ESSA	L01L	RW01L	SSA08	342 ft	149 ft	-193 ft
ESSA	L01R	RW01R	TSA08	386 ft	188 ft	-198 ft
ESSA	L19L	RW19L	USA08	353 ft	149 ft	-204 ft
ESSA	L19R	RW19R	NSA08	369 ft	168 ft	-201 ft
ESSA	L26	RW26	ESA8	368 ft	175 ft	-193 ft
ESSB	L12	RW12	SB08	333 ft	97 ft	-236 ft
ESSB	L30	RW30	SBA07	307 ft	93 ft	-214 ft
ESSD	L32-Y	RW32	SD07	715 ft	543 ft	-172 ft
ESSD	L32-Z	RW32	SD07	715 ft	543 ft	-172 ft
ESSL	L11	RW11	MM11	388 ft	193 ft	-195 ft
ESSL	L29	RW29	MM29	396 ft	223 ft	-173 ft
ESSP	L09	RW09	KSP7	234 ft	63 ft	-171 ft
ESSP	L27	RW27	SP8	275 ft	82 ft	-193 ft
ESST	L16	RW16	NST1	615 ft	400 ft	-215 ft
ESST	L34	RW34	NST16	876 ft	444 ft	-432 ft
ESSU	L36	RW36	SU07	360 ft	180 ft	-180 ft
ESSV	L21-Y	RW21	SV08	386 ft	187 ft	-199 ft
ESSV	L21-Z	RW21	SV08	386 ft	187 ft	-199 ft
ESTA	L14-Y	RW14	DB08	309 ft	110 ft	-199 ft
ESTA	L14-Z	RW14	DB08	309 ft	110 ft	-199 ft
ESTL	L29L	RW29L	DA08	388 ft	186 ft	-202 ft
ESUP	L11	RW11	IUP7	762 ft	591 ft	-171 ft
ESUT	L15	RW15	IUT4	2'889 ft	1'553 ft	-1'336 ft
ESUT	L33	RW33	IUT25	2'297 ft	1'553 ft	-744 ft

## EV

EVGA	L18	RW18	LDE06	463 ft	257 ft	-206 ft
EVRA	L18-Y	RW18	ML18	180 ft	85 ft	-95 ft
EVRA	L18-Z	RW18	ML18	180 ft	85 ft	-95 ft
EVRA	L36-Y	RW36	ML36	248 ft	89 ft	-159 ft
EVRA	L36-Z	RW36	ML36	248 ft	89 ft	-159 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>EY</b>	EYKA	L08	RW08	MA08	545 ft	290 ft	-255 ft
	EYKA	L26	RW26	ML26	565 ft	310 ft	-255 ft
	EYPA	L19	RW19	PLG23	309 ft	86 ft	-223 ft
	EYSA	L14L	RW14L	ISZ07	720 ft	497 ft	-223 ft
	EYSA	L14LY	RW14L	ISZ07	720 ft	497 ft	-223 ft
	EYSA	L14LZ	RW14L	ISZ07	720 ft	497 ft	-223 ft
	EYSA	L32R	RW32R	IDL07	714 ft	491 ft	-223 ft
	EYSA	L32RY	RW32R	IDL07	714 ft	491 ft	-223 ft
	EYSA	L32RZ	RW32R	IDL07	714 ft	491 ft	-223 ft
	EYVI	L01-Y	RW01	IAV07	868 ft	645 ft	-223 ft
	EYVI	L01-Z	RW01	IAV07	868 ft	645 ft	-223 ft
	EYVI	L19-Y	RW19	IBK07	922 ft	699 ft	-223 ft
	EYVI	L19-Z	RW19	IBK07	922 ft	699 ft	-223 ft
<b>FA</b>	FAGR	R04	RW04	GR1MP	3'019 ft	2'631 ft	-388 ft
	FAGY	R24	RW24	GY2MP	3'681 ft	3'522 ft	-159 ft
	FAKN	R05	RW05	KN1MP	2'875 ft	2'875 ft	ft
	FALE	R06	RW06	LE1MP	464 ft	337 ft	-127 ft
	FAMN	R09	RW09	MN1M	1'660 ft	1'177 ft	-483 ft
	FAPM	R16	RW16	PM1MP	2'652 ft	2'401 ft	-251 ft
	FATW	R18	RW18	TW1M	4'038 ft	3'944 ft	-94 ft
	FATW	R36	RW36	TW2M	4'060 ft	3'968 ft	-92 ft
<b>FB</b>	FBSK	L08-X	RW08	GBW1	3'605 ft	3'342 ft	-263 ft
	FBSK	L08-Y	RW08	GBW1	3'605 ft	3'342 ft	-263 ft
	FBSK	L08-Z	RW08	GBW1	3'605 ft	3'342 ft	-263 ft
<b>FD</b>	FDMS	L07	RW07	MM07	2'354 ft	2'101 ft	-253 ft
	FDSK	L20	RW20	ISK05	1'241 ft	1'135 ft	-106 ft
<b>FE</b>	FEFF	L34-Y	RW34	BGI10	1'498 ft	1'231 ft	-267 ft
	FEFF	L34-Z	RW34	BGI10	1'497 ft	1'231 ft	-266 ft
<b>FG</b>	FGBT	L21-Y	RW21	10BA	418 ft	61 ft	-357 ft
	FGBT	L21-Z	RW21	13BTA	209 ft	61 ft	-148 ft
	FGMY	L18-Y	RW18	MGY	2'443 ft	2'209 ft	-234 ft
	FGMY	L18-Z	RW18	MGY	2'443 ft	2'209 ft	-234 ft
	FGSL	L22	RW22	MBO	168 ft	93 ft	-75 ft
	FGSL	L22-V	RW22	MBO	168 ft	93 ft	-75 ft
<b>FH</b>	FHAW	R13	RW13	FIPPS	512 ft	347 ft	-165 ft
	FHSH	H19	RW19	SHNMP	1'304 ft	1'063 ft	-241 ft
	FHSH	L19	RW19	SHNMP	1'306 ft	1'063 ft	-243 ft
<b>FI</b>	FIMP	L14	RW14	IPL06	458 ft	233 ft	-225 ft
<b>FJ</b>	FJDG	L31	RW31	BAALL	276 ft	63 ft	-213 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>FK</b>	FKKD	L30-Y	RW30	DLA	331 ft	64 ft	-267 ft
	FKKD	L30-Z	RW30	DLA	332 ft	64 ft	-268 ft
	FKKR	L09-Y	RW09	TJR	931 ft	742 ft	-189 ft
	FKKR	L09-Z	RW09	TJR	931 ft	742 ft	-189 ft
<b>FL</b>	FLKK	L10-Y	RW10	LO02	3'834 ft	3'829 ft	-5 ft
<b>FM</b>	FMCH	L02-Y	RW02	HA07	279 ft	116 ft	-163 ft
	FMCH	L02-Y	RW02	HA07	279 ft	116 ft	-163 ft
	FMCH	L02-Z	RW02	HA07	279 ft	116 ft	-163 ft
	FMCH	L02-Z	RW02	HA07	279 ft	116 ft	-163 ft
	FMEE	L14-U	RW14	SD10	344 ft	77 ft	-267 ft
	FMEE	L14-V	RW14	ABFXR	ft	77 ft	77 ft
	FMEE	L14-W	RW14	ABFXR	ft	77 ft	77 ft
	FMEE	L14-X	RW14	ABSDG	ft	77 ft	77 ft
	FMEE	L14-Y	RW14	ABSDG	ft	77 ft	77 ft
	FMEE	L14-Z	RW14	SD10	362 ft	92 ft	-270 ft
	FMMI	L11-Y	RW11	IA	4'418 ft	4'246 ft	-172 ft
	FMMI	L11-Z	RW11	IA	4'419 ft	4'246 ft	-173 ft
	FMMT	L19-Z	RW19	MM19	235 ft	73 ft	-162 ft
<b>FN</b>	FNUB	R28	RW28	G270B	6'023 ft	5'770 ft	-253 ft
<b>FQ</b>	FQNC	L19-Y	RW19	NC08	585 ft	380 ft	-205 ft
	FQNC	L19-Z	RW19	NC08	585 ft	380 ft	-205 ft
<b>FS</b>	FSIA	L31-Y	RW31	SIA16	572 ft	62 ft	-510 ft
	FSIA	L31-Y	RW31	SIA19	667 ft	62 ft	-605 ft
	FSIA	L31-Z	RW31	SIA22	763 ft	62 ft	-701 ft
	FSIA	L31-Z	RW31	SIA20	699 ft	62 ft	-637 ft
	FSIA	R13-Y	RW13	OLIVA	837 ft	62 ft	-775 ft
	FSIA	R31-X	RW31	ODRIN	1'017 ft	62 ft	-955 ft
	FSIA	R31-Y	RW31	ODRIN	1'017 ft	62 ft	-955 ft
	FSPP	R15	RW15	PP408	892 ft	60 ft	-832 ft
	FSPP	R33	RW33	PP405	724 ft	60 ft	-664 ft
<b>FT</b>	FTTJ	L05-Y	RW05	IFL05	1'121 ft	1'018 ft	-103 ft
	FTTJ	L05-Z	RW05	IFL05	1'121 ft	1'018 ft	-103 ft
<b>FV</b>	FVJN	L13	RW13	MM13	4'587 ft	4'401 ft	-186 ft
	FVRG	L05	RW05	SI	5'030 ft	4'843 ft	-187 ft
<b>FX</b>	FXMM	L22-N	RW22	ME	5'800 ft	5'370 ft	-430 ft
	FXMM	L22-V	RW22	43MZV	5'595 ft	5'370 ft	-225 ft
<b>FY</b>	FYWH	L26	RW26	WHV2	5'838 ft	5'551 ft	-287 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>FZ</b>							
	FZAA	L24-V	RW24	KSA32	1'190 ft	1'052 ft	-138 ft
	FZAA	L24-W	RW24	KSA32	1'190 ft	1'052 ft	-138 ft
	FZAA	L24-X	RW24	KSA32	1'190 ft	1'052 ft	-138 ft
	FZAA	L24-Y	RW24	KSA32	1'190 ft	1'052 ft	-138 ft
	FZAA	L24-Z	RW24	KSA32	1'190 ft	1'052 ft	-138 ft
	FZIC	L12-V	RW12	KGI	1'629 ft	1'457 ft	-172 ft
	FZIC	L12-Y	RW12	KGI	1'629 ft	1'457 ft	-172 ft
	FZIC	L12-Z	RW12	KGI	1'629 ft	1'457 ft	-172 ft
	FZNA	H35-Y	RW35	N35MP	5'278 ft	5'023 ft	-255 ft
	FZNA	H35-Z	RW35	N35MP	5'263 ft	5'023 ft	-240 ft
	FZQA	L07-Y	RW07	LUB	4'589 ft	4'351 ft	-238 ft
	FZQA	L07-Z	RW07	LUB	4'589 ft	4'351 ft	-238 ft
<b>GA</b>							
	GABS	L06-Y	RW06	BS075	1'420 ft	1'238 ft	-182 ft
	GABS	L06-Z	RW06	BS075	1'420 ft	1'238 ft	-182 ft
<b>GB</b>							
	GBYD	L32	RW32	17BJ	318 ft	124 ft	-194 ft
	GBYD	L32-V	RW32	17BJ	319 ft	125 ft	-194 ft
<b>GC</b>							
	GCFV	L01-Y	RW01	IFV06	277 ft	87 ft	-190 ft
	GCFV	L01-Z	RW01	IFV06	277 ft	87 ft	-190 ft
	GCFV	L19-Y	RW19	IFA1	484 ft	133 ft	-351 ft
	GCFV	L19-Z	RW19	IFA1	485 ft	133 ft	-352 ft
	GCLP	L03LX	RW03L	06ILP	322 ft	127 ft	-195 ft
	GCLP	L03LY	RW03L	06ILP	322 ft	127 ft	-195 ft
	GCLP	L03LZ	RW03L	06ILP	319 ft	127 ft	-192 ft
	GCLP	L21RY	RW21R	RLP01	402 ft	82 ft	-320 ft
	GCLP	L21RZ	RW21R	RLP01	403 ft	82 ft	-321 ft
	GCCR	L03-Z	RW03	IRR10	395 ft	69 ft	-326 ft
	GCTS	L07-Y	RW07	ITS05	399 ft	238 ft	-161 ft
	GCTS	L07-Z	RW07	ITS05	397 ft	238 ft	-159 ft
	GCTS	L25-Y	RW25	ISUR1	588 ft	259 ft	-329 ft
	GCTS	L25-Z	RW25	ISUR1	584 ft	259 ft	-325 ft
	GCXO	L12	RW12	FP	2'341 ft	2'112 ft	-229 ft
	GCXO	L30	RW30	1ITF	2'375 ft	2'057 ft	-318 ft
<b>GM</b>							
	GMAD	L27-X	RW27	ADA01	561 ft	303 ft	-258 ft
	GMAD	L27-Y	RW27	ADM	492 ft	303 ft	-189 ft
	GMAD	L27-Z	RW27	ADM	492 ft	303 ft	-189 ft
	GMAG	L05	RW05	16GLM	1'781 ft	1'096 ft	-685 ft
	GMFF	L27	RW27	12LFA	2'308 ft	1'942 ft	-366 ft
	GMFF	L27-N	RW27	12LFA	2'283 ft	1'942 ft	-341 ft
	GMFO	L06-Z	RW06	10OJD	2'175 ft	1'587 ft	-588 ft
	GMFO	L13	RW13	VDO	1'731 ft	1'536 ft	-195 ft
	GMME	L21-Z	RW21	19RBT	596 ft	281 ft	-315 ft
	GMMH	L03-Z	RW03	26DKH	109 ft	86 ft	-23 ft
	GMMI	R16	RW16	MI506	704 ft	385 ft	-319 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
GMLL	L02	RW02	AUN01	539 ft	273 ft	-266 ft
GMMN	L17RY	RW17R	84CBA	952 ft	691 ft	-261 ft
GMMN	L17RZ	RW17R	84CBA	952 ft	691 ft	-261 ft
GMMN	L35L	RW35L	41NSR	953 ft	708 ft	-245 ft
GMMN	L35LZ	RW35L	D139	945 ft	706 ft	-239 ft
GMMN	L35R	RW35R	14SLK	948 ft	708 ft	-240 ft
GMMW	L08	RW08	TZN05	753 ft	644 ft	-109 ft
GMMX	L10	RW10	MX106	1'846 ft	1'555 ft	-291 ft
GMMX	R10	RW10	MX106	1'846 ft	1'555 ft	-291 ft
GMMZ	L30-Z	RW30	OZT15	4'043 ft	3'761 ft	-282 ft
GMTA	R17	RW17	TA106	388 ft	70 ft	-318 ft
GMTN	R24	RW24	TN106	764 ft	58 ft	-706 ft
GMTT	L28-Z	RW28	TAG1	386 ft	113 ft	-273 ft

### GO

GOBD	L01-Y	RW01	DS	528 ft	322 ft	-206 ft
GOBD	L01-Z	RW01	DS	528 ft	322 ft	-206 ft
GOGS	R14	RW14	GS004	ft	98 ft	98 ft

### GQ

GQNO	L06-Y	RW06	SY07	219 ft	60 ft	-159 ft
GQNO	L06-Z	RW06	SY07	218 ft	60 ft	-158 ft
GQNO	L34-X	RW34	OT	262 ft	57 ft	-205 ft
GQNO	L34-Y	RW34	OT	263 ft	57 ft	-206 ft
GQNO	L34-Z	RW34	OT	263 ft	57 ft	-206 ft
GQPP	L02-Y	RW02	PE	210 ft	53 ft	-157 ft
GQPP	L02-Z	RW02	PE	211 ft	53 ft	-158 ft
GQPP	R20	RW20	PP010	280 ft	57 ft	-223 ft

### GU

GUCY	L06-X	RW06	GIA08	308 ft	118 ft	-190 ft
GUCY	L06-Z	RW06	GIA08	308 ft	118 ft	-190 ft

### GV

GVAC	L01	RW01	MM01	415 ft	234 ft	-181 ft
GVAC	L01-N	RW01	MM01	416 ft	234 ft	-182 ft
GVSV	L06	RW06	ABSVT	136 ft	78 ft	-58 ft
GVSV	R06	RW06	SV02W	718 ft	78 ft	-640 ft

### HA

HAAB	L25LY	RW25L	1IAA	7'970 ft	7'643 ft	-327 ft
HAAB	R25LY	RW25L	AB005	8'097 ft	7'643 ft	-454 ft
HAAB	R25RY	RW25R	AB020	8'105 ft	7'652 ft	-453 ft
HAAX	R34	RW34	AX006	7'904 ft	6'965 ft	-939 ft
HABD	R22-Y	RW22	BD013	6'780 ft	5'966 ft	-814 ft
HADC	R35	RW35	DC006	8'135 ft	6'098 ft	-2'037 ft
HADR	R15	RW15	DR006	4'472 ft	3'674 ft	-798 ft
HAGN	R35-Y	RW35	GN006	7'526 ft	6'416 ft	-1'110 ft
HALA	R01	RW01	LA206	5'957 ft	5'673 ft	-284 ft
HALL	R10	RW10	LL008	7'479 ft	6'364 ft	-1'115 ft
HASO	R29	RW29	SO228	5'383 ft	5'132 ft	-251 ft

### HB

HBBA	L17	RW17	MM17	2'825 ft	2'632 ft	-193 ft
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	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>HD</b>	HDAM	L27	RW27	DTI50	176 ft	74 ft	-102 ft
<b>HE</b>	HEAL	H13	RW13	AL603	439 ft	193 ft	-246 ft
	HEAT	L31	RW31	AST	1'017 ft	822 ft	-195 ft
	HEAZ	L36	RW36	IALZ1	697 ft	344 ft	-353 ft
	HEBA	H32	RW32	BA314	185 ft	183 ft	-2 ft
	HEBA	L32	RW32	BIL15	613 ft	183 ft	-430 ft
	HEBL	L33	RW33	ABSML	850 ft	666 ft	-184 ft
	HECA	H05C	RW05C	CA418	649 ft	432 ft	-217 ft
	HECA	H23R	RW23R	CA412	630 ft	249 ft	-381 ft
	HECA	L05C	RW05C	CVO	647 ft	432 ft	-215 ft
	HECA	L05L	RW05L	IZF05	335 ft	240 ft	-95 ft
	HECA	L23C	RW23C	ITT06	564 ft	425 ft	-139 ft
	HECA	L23R	RW23R	CAI	645 ft	249 ft	-396 ft
	HEKG	H36	RW36	KHG	396 ft	216 ft	-180 ft
	HESH	L04L	RW04L	05KIL	291 ft	184 ft	-107 ft
	HETB	H22	RW22	TB525	2'650 ft	2'451 ft	-199 ft
<b>HJ</b>	HJJJ	L13	RW13	IJC05	1'645 ft	1'546 ft	-99 ft
	HJJJ	L13	RW13	IJC05	1'645 ft	1'546 ft	-99 ft
<b>HK</b>	HKEL	L08	RW08	14ELD	7'133 ft	6'892 ft	-241 ft
	HKJK	L06	RW06	08NL	5'573 ft	5'380 ft	-193 ft
	HKJK	L06-W	RW06	08NL	5'573 ft	5'380 ft	-193 ft
	HKJK	L06-Y	RW06	08NL	5'573 ft	5'380 ft	-193 ft
	HKJK	L06-Z	RW06	08NL	5'573 ft	5'380 ft	-193 ft
	HKKI	H06	RW06	UTOLO	4'116 ft	3'786 ft	-330 ft
	HKKI	H24	RW24	AVOBA	4'105 ft	3'845 ft	-260 ft
	HKLK	H09	RW09	APGEM	2'490 ft	2'165 ft	-325 ft
	HKMO	L21	RW21	06MI	379 ft	250 ft	-129 ft
	HKNL	H03	RW03	UDPAM	6'609 ft	6'278 ft	-331 ft
	HKNL	H21	RW21	UTVER	6'622 ft	6'303 ft	-319 ft
	HKOK	H09	RW09	NIBIT	5'291 ft	5'042 ft	-249 ft
<b>HL</b>	HLGD	L36	RW36	ILS05	490 ft	320 ft	-170 ft
	HLLB	L33L	RW33L	13ILS	846 ft	483 ft	-363 ft
	HLLQ	L28	RW28	05ILB	2'366 ft	2'207 ft	-159 ft
	HLLS	L13	RW13	06ILS	1'582 ft	1'455 ft	-127 ft
	HLLT	L27	RW27	MM27	504 ft	313 ft	-191 ft
<b>HR</b>	HRYR	L28-Y	RW28	IKNB1	5'227 ft	4'924 ft	-303 ft
	HRYR	L28-Z	RW28	IKNB1	5'227 ft	4'924 ft	-303 ft
	HRYR	R28	RW28	UVDUV	5'306 ft	4'924 ft	-382 ft
<b>HS</b>	HSMN	L02	RW02	MIN05	1'031 ft	925 ft	-106 ft
	HSPN	L34-Y	RW34	PSD13	191 ft	185 ft	-6 ft
	HSSK	L36	RW36	KIN08	1'510 ft	1'310 ft	-200 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>HT</b>	HTDA	L05-Y	RW05	DV	365 ft	226 ft	-139 ft
	HTDA	L05-Z	RW05	DV	365 ft	226 ft	-139 ft
	HTMP	R27	RW27	MP603	4'101 ft	3'607 ft	-494 ft
	HTZA	L18-Y	RW18	ZL1	434 ft	104 ft	-330 ft
	HTZA	L18-Z	RW18	ZL1	429 ft	104 ft	-325 ft
<b>HU</b>	HUEN	L17-Y	RW17	EL01	4'100 ft	3'830 ft	-270 ft
	HUEN	L17-Z	RW17	EL01	4'100 ft	3'830 ft	-270 ft
<b>K1</b>	1U7_	R10	RW10	GLUTS	6'159 ft	5'975 ft	-184 ft
	3S8_	R13	RW13	ISNEJ	1'322 ft	1'139 ft	-183 ft
	64OG	R25-M	RW25	CIYAP	3'954 ft	3'947 ft	-7 ft
	65S_	R02	RW02	ARHIY	2'526 ft	2'366 ft	-160 ft
	8S1_	R36	RW36	MIGSE	3'282 ft	2'989 ft	-293 ft
	9S9_	R08	RW08	WALDA	1'707 ft	1'626 ft	-81 ft
	KAFO	R16	RW16	ZASGO	6'394 ft	6'235 ft	-159 ft
	KBDN	R16-Y	RW16	HOND	3'610 ft	3'453 ft	-157 ft
	KBDN	R34	RW34	FEDKU	3'667 ft	3'509 ft	-158 ft
	KCII	R33	RW33	FAMOT	4'066 ft	3'987 ft	-79 ft
	KCOD	R04	RW04	CFFFG	5'187 ft	5'157 ft	-30 ft
	KCOE	L06	RW06	TIYOS	2'327 ft	2'327 ft	ft
	KCOE	R02	RW02	EGGID	2'508 ft	2'351 ft	-157 ft
	KDEW	R16	RW16	BADKE	2'432 ft	2'249 ft	-183 ft
	KDIJ	R04	RW04	DIVVE	6'499 ft	6'187 ft	-312 ft
	KDLN	R35	RW35	KEYET	5'432 ft	5'275 ft	-157 ft
	KDWX	R24	RW24	JULAB	6'847 ft	6'589 ft	-258 ft
	KGCD	R09-Y	RW09	TERJE	3'847 ft	3'687 ft	-160 ft
	KGCD	R09-Z	RW09	WIXOX	3'721 ft	3'701 ft	-20 ft
	KGIC	R26	RW26	UYINA	3'628 ft	3'360 ft	-268 ft
	KHSG	R05	RW05	ELEDE	5'200 ft	4'922 ft	-278 ft
	KIDA	B03	RW03	FEBED	5'003 ft	4'792 ft	-211 ft
	KJAC	R19-X	RW19	CFFRV	ft	6'503 ft	6'503 ft
	KLVM	R22	RW22	NOMO	4'847 ft	4'690 ft	-157 ft
	KMFR	R14-Y	RW14	JUROD	1'625 ft	1'352 ft	-273 ft
	KMMV	R04	RW04	VESYU	368 ft	211 ft	-157 ft
	KMUO	L12-Z	RW12	ZINUD	3'033 ft	3'033 ft	ft
	KMUO	L30-Z	RW30	KUMSE	3'047 ft	3'046 ft	-1 ft
	KMYL	R16	RW16	XOYTY	5'271 ft	5'074 ft	-197 ft
	KNUW	L14	RW14	MEVRE	253 ft	89 ft	-164 ft
	KOKH	R07	RW07	VUCUS	213 ft	186 ft	-27 ft
	KONP	R34	RW34	AVAVE	400 ft	214 ft	-186 ft
	KORS	R16	RW16	TALCS	317 ft	46 ft	-271 ft
	KORS	R34	RW34	JESOR	272 ft	80 ft	-192 ft
	KPDX	L10L	RW10L	CFBGC	225 ft	80 ft	-145 ft
	KPUW	R23-Y	RW23	WIMAP	2'800 ft	2'610 ft	-190 ft
	KRLD	L19	RW19	JUDUB	524 ft	429 ft	-95 ft
KRNT	R16-Y	RW16	TOYOL	185 ft	74 ft	-111 ft	



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KSEA	L34C	RW34C	UFMOP	573 ft	413 ft	-160 ft
KSEA	L34R	RW34R	JEVUN	515 ft	397 ft	-118 ft
KSFF	L22R	RW22R	IZELY	2'061 ft	2'007 ft	-54 ft
KSKA	L05	RW05	BAPLE	2'671 ft	2'512 ft	-159 ft
KSKA	L23	RW23	OLMAE	2'625 ft	2'465 ft	-160 ft
KSLE	B13	RW13	WIPIR	503 ft	245 ft	-258 ft
KSMN	R17	RW17	AXLED	5'705 ft	4'091 ft	-1'614 ft
KSUN	R31-X	RW31	CAKIR	5'501 ft	5'317 ft	-184 ft
KSUN	R31-Y	RW31	CAKIR	5'501 ft	5'317 ft	-184 ft
KTCM	L16-Z	RW16	FABOD	482 ft	332 ft	-150 ft
KTCM	L34	RW34	GUTBE	521 ft	371 ft	-150 ft
KTMK	R13	RW13	QUCYO	265 ft	70 ft	-195 ft
S39_	R11	RW11	ASICU	3'443 ft	3'286 ft	-157 ft
S39_	R29	RW29	UPEFI	3'632 ft	3'279 ft	-353 ft

## K2

4V0_	R25	RW25	WUMO	5'494 ft	5'328 ft	-166 ft
67L_	R02	RW02	OYUDU	1'994 ft	1'916 ft	-78 ft
E45_	R09	RW09	JISAV	3'366 ft	2'935 ft	-431 ft
KAEJ	R33	RW33	ROBVY	8'420 ft	7'945 ft	-475 ft
KAPC	R06	RW06	ZAPIX	339 ft	65 ft	-274 ft
KASE	L15	RW15	CEYAG	8'985 ft	7'730 ft	-1'255 ft
KAVQ	R12	RW12	ZIBAR	2'212 ft	2'055 ft	-157 ft
KAVQ	R21	RW21	ZOMAP	2'241 ft	2'065 ft	-176 ft
KBAB	L15-Y	RW15	HEGOP	305 ft	163 ft	-142 ft
KBAB	L33-Y	RW33	ZAPUX	319 ft	155 ft	-164 ft
KBAM	R04	RW04	SIHEJ	4'824 ft	4'586 ft	-238 ft
KBIH	R12-Y	RW12	HOSU	4'564 ft	4'173 ft	-391 ft
KBIH	R12-Z	RW12	HOSU	4'579 ft	4'173 ft	-406 ft
KBJC	R12L	RW12L	DUUUD	5'973 ft	5'701 ft	-272 ft
KBKF	L32	RW32	HIPER	5'867 ft	5'713 ft	-154 ft
KBLH	R26	RW26	RESNE	595 ft	438 ft	-157 ft
KBMC	R35	RW35	XEXXA	4'428 ft	4'275 ft	-153 ft
KBUR	L08-Y	RW08	CFBXN	1'107 ft	777 ft	-330 ft
KBUR	L08-Z	RW08	CFBXN	1'107 ft	777 ft	-330 ft
KBUR	R08-Z	RW08	HIMEN	1'201 ft	787 ft	-414 ft
KBVU	R27	RW27	ROUPY	2'335 ft	2'178 ft	-157 ft
KBWC	R26	RW26	ZEROS	1 ft	-93 ft	-94 ft
KCAG	R07	RW07	MOZCA	6'481 ft	6'226 ft	-255 ft
KCCB	R06	RW06	TOVQU	1'565 ft	1'433 ft	-132 ft
KCEC	L12	RW12	YACUS	208 ft	107 ft	-101 ft
KCEZ	R03	RW03	OVOW	6'114 ft	5'959 ft	-155 ft
KCFO	L17	RW17	USDEQ	5'682 ft	5'527 ft	-155 ft
KCFO	L35	RW35	IJKUQ	5'709 ft	5'565 ft	-144 ft
KCGZ	R23	RW23	UYABU	1'672 ft	1'504 ft	-168 ft
KCMA	R08	RW08	VAANG	276 ft	111 ft	-165 ft
KCMA	R26-Y	RW26	WAVVS	301 ft	125 ft	-176 ft
KCNY	R03	RW03	FOGUG	4'776 ft	4'593 ft	-183 ft
KCXP	R27	RW27	WOKE	5'033 ft	4'737 ft	-296 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KDAG	R22	RW22	CUTNO	2'272 ft	1'949 ft	-323 ft
KDMA	L12-Y	RW12	VOLOG	2'803 ft	2'639 ft	-164 ft
KDMA	L30-Y	RW30	WALRA	2'893 ft	2'754 ft	-139 ft
KDPG	R12	RW12	HISUK	4'639 ft	4'397 ft	-242 ft
KDVO	R13	RW13	GOVLE	134 ft	39 ft	-95 ft
KEDW	L23LY	RW23L	CURBO	2'334 ft	2'332 ft	-2 ft
KEED	R29	RW29	ADUXE	1'085 ft	963 ft	-122 ft
KEGE	L25-Y	RW25	GORPP	6'601 ft	6'590 ft	-11 ft
KEKA	R12	RW12	XUNXO	288 ft	41 ft	-247 ft
KEKO	R24	RW24	ZOKEG	5'272 ft	5'115 ft	-157 ft
KENV	R26	RW26	ZETVI	4'516 ft	4'276 ft	-240 ft
KFFZ	R04L	RW04L	ZENAM	1'660 ft	1'405 ft	-255 ft
KFFZ	R04R	RW04R	GOYEB	1'662 ft	1'407 ft	-255 ft
KFLG	L21	RW21	SOLBE	7'188 ft	7'048 ft	-140 ft
KFOM	R22	RW22	SUWE	5'181 ft	5'024 ft	-157 ft
KGJT	R29	RW29	BIBPA	5'071 ft	4'911 ft	-160 ft
KGUC	L06	RW06	MEBNE	8'539 ft	7'708 ft	-831 ft
KHDN	R28	RW28	WOGRI	6'843 ft	6'660 ft	-183 ft
KHHR	L25	RW25	WARVA	373 ft	106 ft	-267 ft
KHIF	L14-X	RW14	DITLE	5'003 ft	4'833 ft	-170 ft
KHMN	L16-X	RW16	FAMAG	4'306 ft	4'133 ft	-173 ft
KHMT	R05	RW05	HUMIT	1'703 ft	1'546 ft	-157 ft
KIGM	R21-Y	RW21	ESOTY	3'598 ft	3'440 ft	-158 ft
KIYK	R02	RW02	BISAC	4'244 ft	2'482 ft	-1'762 ft
KJTC	R21	RW21	MIKVE	7'220 ft	7'052 ft	-168 ft
KKNB	R01	RW01	SIGOY	5'024 ft	4'863 ft	-161 ft
KLAM	R27-Y	RW27	ZUTPA	7'379 ft	7'125 ft	-254 ft
KLAM	R27-Z	RW27	ZUTPA	7'379 ft	7'125 ft	-254 ft
KLOL	R02	RW02	LOLXU	4'026 ft	3'947 ft	-79 ft
KLSV	L21LX	RW21L	SESDE	2'057 ft	1'915 ft	-142 ft
KLSV	L21LY	RW21L	ENIYO	2'072 ft	1'919 ft	-153 ft
KLUF	L03R	RW03R	METKE	1'280 ft	1'121 ft	-159 ft
KLUF	L21L	RW21L	JEVKU	1'317 ft	1'134 ft	-183 ft
KMCE	B12	RW12	REFER	407 ft	208 ft	-199 ft
KMHV	R04	RW04	UCASU	3'013 ft	2'830 ft	-183 ft
KMRY	L10R	RW10R	STENO	371 ft	210 ft	-161 ft
KMRY	R28LY	RW28L	UTUYA	491 ft	302 ft	-189 ft
KMTJ	R35	RW35	BEQJI	5'969 ft	5'789 ft	-180 ft
KNKX	L24RY	RW24R	ZENPA	670 ft	525 ft	-145 ft
KNKX	L24RZ	RW24R	ZENPA	670 ft	525 ft	-145 ft
KNSI	L30	RW30	DEYAF	822 ft	548 ft	-274 ft
KNSI	R30	RW30	DEYAF	823 ft	554 ft	-269 ft
KNTD	L21-Y	RW21	NEWA	214 ft	63 ft	-151 ft
KNTD	L21-Z	RW21	NEWA	214 ft	63 ft	-151 ft
KNUQ	L14L	RW14L	CILGU	194 ft	58 ft	-136 ft
KNUQ	L32R	RW32R	CIKGA	228 ft	81 ft	-147 ft
KNYL	L21R	RW21R	HODK	401 ft	243 ft	-158 ft
KNZY	R36	RW36	ZOBAN	136 ft	57 ft	-79 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KOAK	R10L	RW10L	JEPAG	203 ft	55 ft	-148 ft
KOAK	R10R	RW10R	CAXIN	207 ft	58 ft	-149 ft
KPAO	R31	RW31	GIDGY	247 ft	37 ft	-210 ft
KPHX	L07L	RW07L	CERLA	1'288 ft	1'160 ft	-128 ft
KPMD	R22	RW22	OQXIB	2'835 ft	2'543 ft	-292 ft
KPRC	R12	RW12	PARKZ	5'159 ft	5'064 ft	-95 ft
KPSO	R01	RW01	VEPBU	7'826 ft	7'669 ft	-157 ft
KPVU	L13	RW13	CIKAK	4'696 ft	4'547 ft	-149 ft
KRDD	B16	RW16	HHHOT	835 ft	560 ft	-275 ft
KRIF	R19	RW19	CEDBO	5'487 ft	5'330 ft	-157 ft
KRIL	R08-Y	RW08	RIFPU	5'719 ft	5'517 ft	-202 ft
KRIL	R26-W	RW26	SEQRY	5'785 ft	5'595 ft	-190 ft
KRIV	L32-X	RW32	KIMDE	1'691 ft	1'538 ft	-153 ft
KRIV	L32-Y	RW32	KIMDE	1'693 ft	1'538 ft	-155 ft
KRNO	L16RX	RW16R	WUMK	4'663 ft	4'465 ft	-198 ft
KRNO	L16RY	RW16R	WUMK	4'671 ft	4'474 ft	-197 ft
KRNO	L16RZ	RW16R	WUMK	4'663 ft	4'465 ft	-198 ft
KRYN	R06R	RW06R	XOXUJ	2'704 ft	2'449 ft	-255 ft
KSAF	R20	RW20	ROYSO	6'559 ft	6'402 ft	-157 ft
KSDM	R08L	RW08L	UGOYA	735 ft	578 ft	-157 ft
KSEE	R09L	RW09L	ISOKE	612 ft	400 ft	-212 ft
KSEE	R17	RW17	HIRAK	578 ft	418 ft	-160 ft
KSFO	R28RX	RW28R	CFFKC	130 ft	68 ft	-62 ft
KSGU	R01	RW01	IRQEV	3'080 ft	2'892 ft	-188 ft
KSGU	R19	RW19	YEYUY	3'106 ft	2'939 ft	-167 ft
KSLC	L34L	RW34L	FALEM	4'424 ft	4'279 ft	-145 ft
KSLC	L34R	RW34R	GITBE	4'421 ft	4'274 ft	-147 ft
KSMO	R03-Y	RW03	MORVE	395 ft	176 ft	-219 ft
KSMO	R03-Z	RW03	MORVE	382 ft	156 ft	-226 ft
KSNA	B02L	RW02L	ZUSED	326 ft	111 ft	-215 ft
KSNS	R08	RW08	MIMSY	293 ft	124 ft	-169 ft
KSNS	R13	RW13	GUHW	393 ft	134 ft	-259 ft
KSQL	R30-Y	RW30	KIZEM	98 ft	45 ft	-53 ft
KSQL	R30-Z	RW30	KIZEM	98 ft	45 ft	-53 ft
KSTS	R02	RW02	ZIVMA	447 ft	174 ft	-273 ft
KSTS	R14	RW14	ACUTI	318 ft	160 ft	-158 ft
KSUU	L03L	RW03L	HEDAS	260 ft	83 ft	-177 ft
KSVE	R29	RW29	BIDAY	4'250 ft	4'172 ft	-78 ft
KTCY	R26	RW26	UCSIJ	423 ft	213 ft	-210 ft
KTEX	L09	RW09	CEXEP	9'480 ft	9'083 ft	-397 ft
KTEX	R09-M	RW09	SKYHI	9'789 ft	9'083 ft	-706 ft
KTNP	R26	RW26	JUXIX	1'987 ft	1'826 ft	-161 ft
KTNX	L14	RW14	OSRIE	5'684 ft	5'523 ft	-161 ft
KTNX	L32	RW32	WATLU	5'758 ft	5'600 ft	-158 ft
KTRK	R11	RW11	MARDR	6'271 ft	5'941 ft	-330 ft
KTRK	R20	RW20	WINUB	6'254 ft	5'948 ft	-306 ft
KTRM	R35	RW35	RIPSE	63 ft	-94 ft	-157 ft
KTUS	L11L	RW11L	HUGIK	2'758 ft	2'628 ft	-130 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KTVL	R18	RW18	SAKY	7'198 ft	6'315 ft	-883 ft
KUDD	R28	RW28	CEKMA	273 ft	91 ft	-182 ft
KUKI	L15	RW15	D19	1'083 ft	667 ft	-416 ft
KVBG	L30	RW30	FABUR	580 ft	418 ft	-162 ft
KWHP	R12	RW12	YUDKU	1'244 ft	1'046 ft	-198 ft
L08_	R26	RW26	ASIYO	929 ft	564 ft	-365 ft
L35_	R26	RW26	XEZUC	7'086 ft	6'798 ft	-288 ft
L71_	R06	RW06	ODACE	2'664 ft	2'504 ft	-160 ft
L71_	R24	RW24	FEKIG	2'611 ft	2'451 ft	-160 ft
O02_	R26-Y	RW26	POLIC	5'098 ft	4'941 ft	-157 ft
O28_	R16	RW16	GRAIE	2'263 ft	2'106 ft	-157 ft
O46_	R14	RW14	ZIXIB	3'206 ft	2'947 ft	-259 ft
O60_	R32	RW32	TAKUY	939 ft	313 ft	-626 ft
P13_	R27	RW27	GOBFO	3'488 ft	3'224 ft	-264 ft

### K3

3JC_	R36	RW36	EGETE	1'309 ft	1'152 ft	-157 ft
KALO	B30	RW30	WOLO	1'183 ft	919 ft	-264 ft
KATY	B17	RW17	FODUP	2'022 ft	1'786 ft	-236 ft
KBFF	L12	RW12	FERPO	4'098 ft	4'012 ft	-86 ft
KBFF	R05	RW05	WOTM	4'009 ft	3'999 ft	-10 ft
KCGI	B28	RW28	YISUN	593 ft	379 ft	-214 ft
KGFK	B17R	RW17R	ONAYU	1'106 ft	896 ft	-210 ft
KGRI	B17	RW17	GRI06	2'193 ft	1'882 ft	-311 ft
KHON	B30	RW30	ZAKTA	1'553 ft	1'333 ft	-220 ft
KHUT	B31	RW31	CFFDL	1'784 ft	1'570 ft	-214 ft
KIAB	L01L	RW01L	JIMIT	1'543 ft	1'388 ft	-155 ft
KIAB	L19R	RW19R	HUVOR	1'558 ft	1'422 ft	-136 ft
KINL	L31	RW31	EKOJO	1'316 ft	1'216 ft	-100 ft
KJLN	B31	RW31	CFNPW	1'241 ft	1'025 ft	-216 ft
KJMS	B13	RW13	ZUGEX	1'766 ft	1'552 ft	-214 ft
KMCW	B18	RW18	WOPIK	1'504 ft	1'263 ft	-241 ft
KMIB	L12-Y	RW12	FIMPU	1'862 ft	1'716 ft	-146 ft
KMIB	L30-Y	RW30	FAREG	1'833 ft	1'687 ft	-146 ft
KMIC	R32	RW32	FICGO	1'217 ft	902 ft	-315 ft
KMKC	R19	RW19	WALOR	1'077 ft	800 ft	-277 ft
KMKC	R21	RW21	FISGO	979 ft	801 ft	-178 ft
KMOT	B13	RW13	BUPAY	2'018 ft	1'751 ft	-267 ft
KOFF	L12	RW12	GAYEB	1'251 ft	1'090 ft	-161 ft
KOFF	L30-Y	RW30	CULUX	1'176 ft	1'022 ft	-154 ft
KOTM	B13	RW13	OTM84	1'126 ft	881 ft	-245 ft
KPNM	R16	RW16	SOYOL	1'178 ft	1'021 ft	-157 ft
KRCA	L13-Y	RW13	AGBAH	3'478 ft	3'326 ft	-152 ft
KRCA	L31-Y	RW31	OPOGE	3'390 ft	3'228 ft	-162 ft
KRDR	L17	RW17	WAMG	1'111 ft	946 ft	-165 ft
KRDR	L35	RW35	KIDSE	1'127 ft	961 ft	-166 ft
KSTJ	B17	RW17	XUVVO	1'093 ft	882 ft	-211 ft
KSTJ	L35	RW35	XUJUP	995 ft	862 ft	-133 ft
KSZL	L01-Y	RW01	BONIC	1'045 ft	887 ft	-158 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KSZL	L19-Y	RW19	FETRA	1'068 ft	921 ft	-147 ft
KTOP	B31	RW31	CFTXL	1'136 ft	926 ft	-210 ft

#### K4

00R_	R30	RW30	DILKS	448 ft	191 ft	-257 ft
0R4_	R32	RW32	QUOTH	261 ft	104 ft	-157 ft
3R4_	R30	RW30	MOFCO	544 ft	357 ft	-187 ft
5T9_	R13	RW13	MESYU	1'084 ft	927 ft	-157 ft
KAMA	R22-Y	RW22	CIPLI	3'809 ft	3'653 ft	-156 ft
KBAD	L15-Y	RW15	FIRKU	408 ft	213 ft	-195 ft
KBAD	L15-Z	RW15	AKUYE	410 ft	213 ft	-197 ft
KBAD	L33-W	RW33	JOGAB	410 ft	211 ft	-199 ft
KBMQ	R01	RW01	BEPKY	1'628 ft	1'303 ft	-325 ft
KBRO	B31	RW31	WIGIP	310 ft	72 ft	-238 ft
KCLL	B17	RW17	WEVAN	602 ft	372 ft	-230 ft
KCRP	L36	RW36	TENUH	226 ft	89 ft	-137 ft
KCXW	R04	RW04	UYASI	524 ft	315 ft	-209 ft
KDAL	R13RY	RW13R	DESPE	684 ft	529 ft	-155 ft
KDFW	R31RY	RW31R	CEMOL	744 ft	561 ft	-183 ft
KDLF	L13C	RW13C	COTLU	1'289 ft	1'131 ft	-158 ft
KDLF	L31C	RW31C	FOVMO	1'334 ft	1'117 ft	-217 ft
KDTN	L14	RW14	WUMD	350 ft	233 ft	-117 ft
KDTN	R05	RW05	WUMA	451 ft	215 ft	-236 ft
KDYS	L16-W	RW16	AVEME	2'023 ft	1'840 ft	-183 ft
KDYS	L34-W	RW34	HEPEM	1'970 ft	1'838 ft	-132 ft
KEFD	L17RZ	RW17R	IYJIV	273 ft	82 ft	-191 ft
KEFD	L35LZ	RW35L	BAYUU	284 ft	78 ft	-206 ft
KELP	L04	RW04	WONS	4'226 ft	3'972 ft	-254 ft
KELP	R26LY	RW26L	WANU	4'240 ft	4'017 ft	-223 ft
KEND	L17C	RW17C	YEBUS	1'513 ft	1'326 ft	-187 ft
KEND	L35C	RW35C	POMOE	1'533 ft	1'343 ft	-190 ft
KEND	R17L	RW17L	TUKAE	1'738 ft	1'327 ft	-411 ft
KEND	R17R	RW17R	TRUKS	1'455 ft	1'321 ft	-134 ft
KEND	R35L	RW35L	SHAMB	1'487 ft	1'354 ft	-133 ft
KEND	R35R	RW35R	FIGTU	1'699 ft	1'334 ft	-365 ft
KGMJ	R36	RW36	CERIV	1'027 ft	868 ft	-159 ft
KGPM	R36	RW36	CUXPI	1'211 ft	610 ft	-601 ft
KHQZ	B36	RW36	HIPIM	730 ft	484 ft	-246 ft
KHRL	B35L	RW35L	WANEL	496 ft	95 ft	-401 ft
KHRO	L36	RW36	HOTIX	1'598 ft	1'401 ft	-197 ft
KLBB	B35L	RW35L	NOLOE	3'517 ft	3'297 ft	-220 ft
KLRF	L25	RW25	SATEK	532 ft	340 ft	-192 ft
KLTS	L18L	RW18L	CFKRP	1'591 ft	1'432 ft	-159 ft
KLTS	L18R	RW18R	KOTVE	1'596 ft	1'428 ft	-168 ft
KLTS	L36L	RW36L	KEGVE	1'541 ft	1'396 ft	-145 ft
KLTS	L36R	RW36R	CFMZT	1'562 ft	1'403 ft	-159 ft
KMEZ	R17	RW17	SESIE	1'251 ft	1'081 ft	-170 ft
KNBG	L04	RW04	ZAGOR	203 ft	47 ft	-156 ft
KNEW	L18R	RW18R	ETOSE	262 ft	56 ft	-206 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KNFW	L18	RW18	COGOR	848 ft	672 ft	-176 ft
KNFW	L36	RW36	DOMPE	851 ft	700 ft	-151 ft
KNGP	L13R	RW13R	STUFN	214 ft	60 ft	-154 ft
KNOG	L13-X	RW13	LAPAZ	452 ft	307 ft	-145 ft
KNOG	L13-Z	RW13	LAPAZ	453 ft	307 ft	-146 ft
KNQI	L13R	RW13R	PEXIE	262 ft	100 ft	-162 ft
KOCH	L36	RW36	ZITGI	480 ft	377 ft	-103 ft
KORK	R35	RW35	RASNE	743 ft	581 ft	-162 ft
KRND	L15L	RW15L	JEPGA	942 ft	792 ft	-150 ft
KRND	L15R	RW15R	WUTO	963 ft	811 ft	-152 ft
KRND	L33L	RW33L	WAPOP	988 ft	777 ft	-211 ft
KRND	L33R	RW33R	FOLAV	940 ft	773 ft	-167 ft
KSKF	L16-Y	RW16	FEPIV	887 ft	740 ft	-147 ft
KSKF	L34-Y	RW34	JETKA	879 ft	710 ft	-169 ft
KSPS	L15C	RW15C	MISDE	1'184 ft	1'053 ft	-131 ft
KSPS	L33LY	RW33L	JISOK	1'051 ft	1'050 ft	-1 ft
KTIK	L31	RW31	ML31	1'514 ft	1'338 ft	-176 ft
KTXK	B04	RW04	TXK05	626 ft	390 ft	-236 ft

## K5

KBAK	R05	RW05	WIGUR	866 ft	704 ft	-162 ft
KBAK	R14	RW14	YAYUY	857 ft	700 ft	-157 ft
KBKL	R24R	RW24R	LOLCY	897 ft	625 ft	-272 ft
KBMI	B11	RW11	RAWIN	1'179 ft	914 ft	-265 ft
KCIU	L16	RW16	CFCHN	1'047 ft	849 ft	-198 ft
KCMX	B13	RW13	JOTUV	1'351 ft	1'138 ft	-213 ft
KDEC	B24	RW24	SADGY	950 ft	734 ft	-216 ft
KDTW	R22RU	RW22R	CFBJN	703 ft	697 ft	-6 ft
KDTW	R22RY	RW22R	CFBJN	703 ft	697 ft	-6 ft
KEAU	B04	RW04	PECIV	1'127 ft	930 ft	-197 ft
KEKX	R23	RW23	WUXAX	964 ft	806 ft	-158 ft
KESC	B27	RW27	NOCCI	855 ft	646 ft	-209 ft
KFFO	L05L	RW05L	ZAPSA	1'016 ft	854 ft	-162 ft
KFFO	L23R	RW23R	GENIE	1'041 ft	872 ft	-169 ft
KFKS	R15	RW15	HUSDI	797 ft	673 ft	-124 ft
KFKS	R33	RW33	JEQMU	803 ft	641 ft	-162 ft
KFLD	L36	RW36	BIBME	1'000 ft	849 ft	-151 ft
KGRB	B24	RW24	JUKOB	954 ft	732 ft	-222 ft
KGUS	L05	RW05	ZOTAT	988 ft	859 ft	-129 ft
KGUS	L23	RW23	CHEVI	993 ft	849 ft	-144 ft
KIMT	B19	RW19	IMT15	1'469 ft	1'227 ft	-242 ft
KLSE	R31	RW31	WAKEP	851 ft	712 ft	-139 ft
KLUK	B03R	RW03R	LVERT	756 ft	526 ft	-230 ft
KMDW	R22LZ	RW22L	HINSN	739 ft	656 ft	-83 ft
KMGY	L20	RW20	JIRDI	1'391 ft	995 ft	-396 ft
KMSN	L21	RW21	ZIMKI	1'032 ft	937 ft	-95 ft
KMTC	L01	RW01	CUBEN	631 ft	629 ft	-2 ft
KMTC	L19	RW19	HAMUK	629 ft	629 ft	ft
KORD	L10RY	RW10R	WUGIX	859 ft	730 ft	-129 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KORD	R10RY	RW10R	CFLCC	741 ft	735 ft	-6 ft
KORD	R28LY	RW28L	CFDZQ	719 ft	713 ft	-6 ft
KOSH	B18	RW18	ZILMU	1'017 ft	837 ft	-180 ft
KPTK	B27L	RW27L	IPTK3	1'255 ft	1'014 ft	-241 ft
KRFD	B19	RW19	FIGOD	1'054 ft	811 ft	-243 ft
KSDF	L29	RW29	CFCCG	694 ft	536 ft	-158 ft
KSQI	B07	RW07	HUNAX	907 ft	697 ft	-210 ft
KTOL	L25-Z	RW25	JEVRI	874 ft	715 ft	-159 ft
KUES	R28	RW28	VEYUG	1'120 ft	943 ft	-177 ft
KUNI	L25	RW25	CFTZM	987 ft	811 ft	-176 ft
KVOK	L27	RW27	AKETT	1'113 ft	954 ft	-159 ft

## K6

0B1_	R32-Y	RW32	IRANE	929 ft	706 ft	-223 ft
0V4_	R24	RW24	SOZIY	795 ft	634 ft	-161 ft
12N_	R03	RW03	MANTU	672 ft	632 ft	-40 ft
20N_	R15	RW15	NEWM	461 ft	197 ft	-264 ft
4B6_	R02	RW02	PODBE	495 ft	310 ft	-185 ft
59B_	R13	RW13	MIBME	1'464 ft	1'228 ft	-236 ft
59B_	R31-Y	RW31	CAKUP	1'385 ft	1'228 ft	-157 ft
79D_	R26	RW26	JUBVI	1'952 ft	1'782 ft	-170 ft
I16_	R26	RW26	AXNAP	1'980 ft	1'821 ft	-159 ft
KADW	L01L	RW01L	GUTRE	370 ft	305 ft	-65 ft
KADW	L01R	RW01R	AREKE	308 ft	302 ft	-6 ft
KADW	L19L	RW19L	FEPOK	345 ft	327 ft	-18 ft
KADW	L19R	RW19R	BARLE	493 ft	324 ft	-169 ft
KAOO	R03-Y	RW03	RIVIT	1'704 ft	1'546 ft	-158 ft
KAVP	L04	RW04	FEVOR	1'018 ft	1'012 ft	-6 ft
KAVP	L22	RW22	FELDI	966 ft	961 ft	-5 ft
KBDL	L33	RW33	IDOCO	379 ft	219 ft	-160 ft
KBDR	R06	RW06	CFLVP	62 ft	58 ft	-4 ft
KBID	R10	RW10	ILACI	315 ft	158 ft	-157 ft
KBLF	R05	RW05	JOSOM	3'057 ft	2'895 ft	-162 ft
KBML	R18	RW18	BIISN	1'387 ft	1'211 ft	-176 ft
KBOS	L15R	RW15R	ZASMU	193 ft	67 ft	-126 ft
KBOS	L27	RW27	OQDEK	455 ft	65 ft	-390 ft
KBOS	R32	RW32	PAARK	207 ft	64 ft	-143 ft
KBTV	R33-Y	RW33	HABOK	570 ft	389 ft	-181 ft
KBVY	R09	RW09	MEMAE	292 ft	127 ft	-165 ft
KCBE	L23	RW23	WAKIB	ft	815 ft	815 ft
KCBE	R05	RW05	LIDVE	929 ft	772 ft	-157 ft
KCEF	L05	RW05	FIMVO	286 ft	286 ft	ft
KCEF	L23	RW23	ZODER	291 ft	291 ft	ft
KCHO	R21-Y	RW21	ORMEY	828 ft	668 ft	-160 ft
KCRW	L05	RW05	UCYUZ	1'011 ft	997 ft	-14 ft
KDCA	R15	RW15	CFSDN	82 ft	69 ft	-13 ft
KDOV	L01	RW01	SISME	101 ft	75 ft	-26 ft
KDOV	L19	RW19	IKUGE	105 ft	72 ft	-33 ft
KDSV	R14	RW14	YICUP	831 ft	675 ft	-156 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KDXR	L08	RW08	ISOZO	548 ft	497 ft	-51 ft
KEKN	R05	RW05	KOBAH	2'222 ft	2'022 ft	-200 ft
KEKN	R23	RW23	TYGRT	2'156 ft	1'997 ft	-159 ft
KEVY	R35-Y	RW35	CEXEL	263 ft	106 ft	-157 ft
KEWB	B23	RW23	BLEBS	335 ft	124 ft	-211 ft
KEWR	R29-X	RW29	ISERE	256 ft	70 ft	-186 ft
KFIG	R30	RW30	UYUHO	1'879 ft	1'561 ft	-318 ft
KFIT	R14	RW14	OLLIV	558 ft	394 ft	-164 ft
KFME	R10	RW10	POGKI	323 ft	165 ft	-158 ft
KFMH	L23-Z	RW23	DEMBE	371 ft	176 ft	-195 ft
KFMH	L32	RW32	JAGSU	371 ft	160 ft	-211 ft
KFYJ	L10	RW10	CFFHD	71 ft	66 ft	-5 ft
KGFL	R19	RW19	JENAB	558 ft	376 ft	-182 ft
KGFL	R30	RW30	CENOX	632 ft	374 ft	-258 ft
KHEF	R34L	RW34L	ANYAB	361 ft	215 ft	-146 ft
KHEF	R34R	RW34R	OKILE	374 ft	217 ft	-157 ft
KHFD	R02	RW02	GERRE	177 ft	62 ft	-115 ft
KHGR	L09	RW09	HADMI	872 ft	714 ft	-158 ft
KHWV	L06	RW06	CFFGL	251 ft	120 ft	-131 ft
KIAG	R10L	RW10L	ZUKDU	790 ft	641 ft	-149 ft
KIPT	R12	RW12	YEXWU	764 ft	573 ft	-191 ft
KJFK	R13RZ	RW13R	PEEBO	921 ft	62 ft	-859 ft
KJFK	R22LX	RW22L	CFLNN	105 ft	67 ft	-38 ft
KLEB	L18	RW18	GULEC	975 ft	614 ft	-361 ft
KLEB	R07	RW07	ZERKI	769 ft	612 ft	-157 ft
KLEB	R36	RW36	OSICE	819 ft	653 ft	-166 ft
KLFI	L08-Y	RW08	ZOMPI	216 ft	57 ft	-159 ft
KLFI	L26-Z	RW26	ZASPO	209 ft	56 ft	-153 ft
KLGA	R13	RW13	PRUZK	237 ft	67 ft	-170 ft
KLGA	R22-X	RW22	EESON	102 ft	62 ft	-40 ft
KLGA	R31-X	RW31	DRRYL	1'142 ft	57 ft	-1'085 ft
KLKP	R14	RW14	OPDIE	2'421 ft	1'794 ft	-627 ft
KLNP	R06	RW06	VECON	2'879 ft	2'704 ft	-175 ft
KLWB	L04	RW04	OBIW	2'488 ft	2'337 ft	-151 ft
KMGW	R36	RW36	GIVVE	1'468 ft	1'296 ft	-172 ft
KMSS	R09	RW09	ZIGMA	410 ft	253 ft	-157 ft
KNHK	L06	RW06	MADSN	251 ft	89 ft	-162 ft
KNTU	R32L	RW32L	EGOBE	237 ft	76 ft	-161 ft
KNTU	R32R	RW32R	EGOBE	237 ft	75 ft	-162 ft
KOIC	R19	RW19	HOKVA	1'231 ft	1'074 ft	-157 ft
KPHL	L26	RW26	CFLFX	92 ft	86 ft	-6 ft
KPHL	L27L	RW27L	XIVOY	274 ft	60 ft	-214 ft
KROA	L34	RW34	XOPYU	1'477 ft	1'193 ft	-284 ft
KROA	R06-Y	RW06	CAKIX	1'368 ft	1'210 ft	-158 ft
KRUT	R01	RW01	CARVO	1'023 ft	834 ft	-189 ft
KSEG	R35	RW35	OJREY	671 ft	488 ft	-183 ft
KTEB	R06-X	RW06	JEBUV	401 ft	60 ft	-341 ft
KTEB	R19-X	RW19	COFFS	220 ft	63 ft	-157 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KTEB	R19-Z	RW19	JAPIR	283 ft	60 ft	-223 ft
KTEB	R24	RW24	BAITH	137 ft	53 ft	-84 ft
KUUU	R16	RW16	HAXEM	345 ft	186 ft	-159 ft
KVBW	R15	RW15	JAPMI	1'387 ft	1'197 ft	-190 ft
KVSF	L05	RW05	PIPSE	642 ft	630 ft	-12 ft
KWRI	L06	RW06	NEBDE	354 ft	181 ft	-173 ft
KWRI	L24	RW24	KETPE	344 ft	153 ft	-191 ft
N07_	R01	RW01	CEDDA	631 ft	209 ft	-422 ft
N07_	R19	RW19	ZURGI	421 ft	211 ft	-210 ft
N89_	R04	RW04	FEBRA	626 ft	340 ft	-286 ft
N89_	R22	RW22	YARNN	518 ft	334 ft	-184 ft
P34_	R26	RW26	YOYUL	751 ft	575 ft	-176 ft
W00_	R18	RW18	XEQAP	297 ft	218 ft	-79 ft
W00_	R36	RW36	XEFCU	387 ft	218 ft	-169 ft
W99_	R31-Y	RW31	YIKRU	1'191 ft	994 ft	-197 ft
W99_	R31-Z	RW31	YIKRU	1'191 ft	994 ft	-197 ft

**K7**

24A_	R33	RW33	KAKEC	3'023 ft	2'857 ft	-166 ft
3J7_	L25	RW25	AXAHY	890 ft	729 ft	-161 ft
42J_	R05	RW05	CANCO	540 ft	216 ft	-324 ft
4A9_	R22-Y	RW22	ISBAW	1'084 ft	911 ft	-173 ft
4J1_	R01-Y	RW01	COGSA	280 ft	120 ft	-160 ft
54J_	R09	RW09	MAGSS	484 ft	327 ft	-157 ft
6A4_	R24	RW24	MILCO	2'469 ft	2'291 ft	-178 ft
FA54	R05	RW05	OJWIP	136 ft	57 ft	-79 ft
KAPT	R04	RW04	ITIYO	850 ft	691 ft	-159 ft
KBIX	L22	RW22	CULUG	232 ft	67 ft	-165 ft
KCOF	L03	RW03	GEPRE	217 ft	55 ft	-162 ft
KCOF	L21	RW21	TENBE	217 ft	58 ft	-159 ft
KCSV	L26-Z	RW26	CFBWP	2'075 ft	1'916 ft	-159 ft
KCTZ	L06	RW06	UHBEK	551 ft	169 ft	-382 ft
KDYB	R24	RW24	JERAK	243 ft	84 ft	-159 ft
KEDE	R01	RW01	IVOTY	214 ft	57 ft	-157 ft
KEGI	L18	RW18	POOLR	404 ft	239 ft	-165 ft
KFAY	B22	RW22	JONSI	400 ft	210 ft	-190 ft
KFAY	R10	RW10	HEDUR	385 ft	228 ft	-157 ft
KFFA	R03	RW03	UXUXY	209 ft	52 ft	-157 ft
KFFA	R21	RW21	OYOCE	343 ft	48 ft	-295 ft
KFPR	R28L	RW28L	SESOC	237 ft	80 ft	-157 ft
KGEV	L28	RW28	ESUGY	3'611 ft	3'135 ft	-476 ft
KGEV	R28	RW28	ASHER	3'476 ft	3'135 ft	-341 ft
KGSB	L08	RW08	JAVIX	286 ft	123 ft	-163 ft
KGSB	L26-Y	RW26	TIGTE	338 ft	159 ft	-179 ft
KGSO	L32-Y	RW32	JEGEG	1'087 ft	950 ft	-137 ft
KGSO	L32-Z	RW32	JEGEG	1'090 ft	950 ft	-140 ft
KHBG	R13-Y	RW13	ZENBO	412 ft	189 ft	-223 ft
KHRT	L36	RW36	GFROG	262 ft	85 ft	-177 ft
KHRT	R18	RW18	HEGON	207 ft	74 ft	-133 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KHRT	R36	RW36	HABEV	304 ft	89 ft	-215 ft
KHSE	R25	RW25	BECAC	214 ft	56 ft	-158 ft
KHST	L06-Z	RW06	CODM	199 ft	56 ft	-143 ft
KHWO	R10R	RW10R	HIMIX	362 ft	53 ft	-309 ft
KHWO	R28R	RW28R	JUMUV	126 ft	51 ft	-75 ft
KJAU	R23	RW23	HUBJO	1'387 ft	1'230 ft	-157 ft
KJZI	L09	RW09	IETI9	77 ft	69 ft	-8 ft
KLNA	R34	RW34	NUYIT	244 ft	63 ft	-181 ft
KLSF	L33	RW33	MM33	436 ft	276 ft	-160 ft
KMAC	L10	RW10	UZNO	460 ft	453 ft	-7 ft
KMCF	L05	RW05	EMIFE	225 ft	58 ft	-167 ft
KMCF	L23	RW23	FANED	230 ft	64 ft	-166 ft
KMGE	L11	RW11	CEDOK	1'288 ft	1'119 ft	-169 ft
KMGE	L29	RW29	HIDIT	1'206 ft	1'040 ft	-166 ft
KMIA	L08R	RW08R	HEMOP	446 ft	59 ft	-387 ft
KMJD	R18-Y	RW18	XOPXY	250 ft	91 ft	-159 ft
KMLB	B27L	RW27L	OWZIJ	325 ft	74 ft	-251 ft
KMXF	L15	RW15	WODU	367 ft	221 ft	-146 ft
KNCA	L01	RW01	AMRU	226 ft	74 ft	-152 ft
KNDZ	L32	RW32	HIDAS	377 ft	215 ft	-162 ft
KNPA	L07LZ	RW07L	ONBIE	221 ft	73 ft	-148 ft
KNSE	L14	RW14	HUDU	425 ft	249 ft	-176 ft
KPAM	L14LZ	RW14L	CUTMI	219 ft	64 ft	-155 ft
KPAM	L32RZ	RW32R	JASES	236 ft	64 ft	-172 ft
KPDK	R21LY	RW21L	JOPUN	1'198 ft	1'039 ft	-159 ft
KPOB	L23	RW23	WIBAX	468 ft	241 ft	-227 ft
KRDU	L23L	RW23L	BEGVE	800 ft	481 ft	-319 ft
KRHP	R08	RW08	MIRNE	1'918 ft	1'722 ft	-196 ft
KRMG	R07	RW07	GOXIW	851 ft	689 ft	-162 ft
KSGJ	L31	RW31	CFSJN	ft	56 ft	56 ft
KSPG	R07	RW07	YOPUN	330 ft	57 ft	-273 ft
KSPG	R18	RW18	PICOL	212 ft	55 ft	-157 ft
KSPG	R36	RW36	BENWA	322 ft	45 ft	-277 ft
KSRB	L04	RW04	ZIGUN	1'204 ft	1'064 ft	-140 ft
KSSC	L04LY	RW04L	CAVEG	468 ft	287 ft	-181 ft
KSSC	L04R	RW04R	JADVO	286 ft	283 ft	-3 ft
KSSC	L22RY	RW22R	SUVEE	464 ft	289 ft	-175 ft
KSYI	R36-Y	RW36	WOZX	995 ft	838 ft	-157 ft
KTIX	R18-Y	RW18	STRUG	223 ft	77 ft	-146 ft
KTIX	R18-Z	RW18	EGBIJ	90 ft	80 ft	-10 ft
KTPF	R36	RW36	CUVYA	208 ft	41 ft	-167 ft
KTTS	R33	RW33	LEUNA	221 ft	63 ft	-158 ft
KVAD	L18LY	RW18L	EEPEE	443 ft	283 ft	-160 ft
KVAD	L36RY	RW36R	JAEBE	421 ft	256 ft	-165 ft
KVPS	L19-W	RW19	WEGD	269 ft	110 ft	-159 ft
KVPS	L19-X	RW19	PURKR	275 ft	110 ft	-165 ft
KVPS	L30-Y	RW30	RUTHI	270 ft	99 ft	-171 ft
KVPS	L30-Z	RW30	JABTA	297 ft	99 ft	-198 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KWDR	L31	RW31	BOWIT	1'111 ft	960 ft	-151 ft
KWRB	L15-Y	RW15	JEGMO	346 ft	343 ft	-3 ft
KXNO	R06	RW06	CEDIL	489 ft	321 ft	-168 ft
M22_	R02	RW02	KENCE	893 ft	737 ft	-156 ft
N52_	R22	RW22	REFRI	799 ft	639 ft	-160 ft
W03_	R21	RW21	CEDNA	354 ft	195 ft	-159 ft
X51_	R10	RW10	XAGUH	205 ft	46 ft	-159 ft
X51_	R28	RW28	ZENAX	287 ft	47 ft	-240 ft

### LA

LAKU	H19	RW19	KU504	2'267 ft	1'202 ft	-1'065 ft
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### LB

LBBG	L22	RW22	IBG06	352 ft	170 ft	-182 ft
LBPB	L30-W	RW30	MM30	853 ft	653 ft	-200 ft
LBPB	L30-X	RW30	MM30	853 ft	653 ft	-200 ft
LBSF	L09-Y	RW09	ISL14	2'195 ft	1'789 ft	-406 ft
LBSF	L27-Y	RW27	SOF28	1'975 ft	1'795 ft	-180 ft
LBWN	L09-Y	RW09	IWN6	433 ft	254 ft	-179 ft

### LC

LCEN	H11	RW11	MA11	714 ft	433 ft	-281 ft
LCEN	L29	RW29	IEC15	839 ft	406 ft	-433 ft
LCLK	L22-S	RW22	ILC05	205 ft	57 ft	-148 ft
LCLK	L22-X	RW22	ILC05	205 ft	57 ft	-148 ft
LCLK	L22-Y	RW22	ILC05	203 ft	57 ft	-146 ft
LCRA	L28	RW28	IAK5	295 ft	123 ft	-172 ft

### LD

LDDU	L11-Y	RW11	IDU8	773 ft	569 ft	-204 ft
LDDU	L11-Z	RW11	IDU8	773 ft	569 ft	-204 ft
LDOS	L11	RW11	ISJ07	527 ft	341 ft	-186 ft
LDPL	L27-Y	RW27	MM27	512 ft	325 ft	-187 ft
LDPL	L27-Z	RW27	MM27	511 ft	325 ft	-186 ft
LDRI	L14	RW14	MM14	521 ft	314 ft	-207 ft
LDSP	H05-Y	RW05	SP402	1'026 ft	120 ft	-906 ft
LDSP	L05-Y	RW05	MM05	271 ft	120 ft	-151 ft
LDSP	L05-Z	RW05	MM05	271 ft	120 ft	-151 ft
LDSP	R23	RW23	RORKA	2'000 ft	100 ft	-1'900 ft
LDZA	L04-Y	RW04	MM04	585 ft	403 ft	-182 ft
LDZA	L04-Y	RW04	MM04	584 ft	403 ft	-181 ft
LDZA	L04-Z	RW04	MM04	584 ft	403 ft	-181 ft
LDZA	L22-Y	RW22	MM22	577 ft	398 ft	-179 ft
LDZA	L22-Z	RW22	MM22	578 ft	398 ft	-180 ft
LDZD	L13	RW13	MM14	475 ft	293 ft	-182 ft

### LE

LEAB	L09	RW09	IAB08	2'586 ft	2'331 ft	-255 ft
LEAB	L27	RW27	IAE08	2'620 ft	2'351 ft	-269 ft
LEAM	L25	RW25	MAP25	438 ft	120 ft	-318 ft
LEAS	L29-Y	RW29	07AVS	679 ft	449 ft	-230 ft
LEAS	L29-Z	RW29	VES	662 ft	449 ft	-213 ft
LEBB	L12-Y	RW12	IBO24	935 ft	169 ft	-766 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LEBB	L12-Z	RW12	IBO24	935 ft	169 ft	-766 ft
LEBB	L30-X	RW30	IBL1	545 ft	178 ft	-367 ft
LEBB	L30-Y	RW30	IBL1	537 ft	178 ft	-359 ft
LEBB	L30-Z	RW30	IBL1	569 ft	178 ft	-391 ft
LEBL	L02	RW02	BLT10	388 ft	57 ft	-331 ft
LEBL	L06L	RW06L	QAA10	390 ft	58 ft	-332 ft
LEBL	L06R	RW06R	BLE01	390 ft	58 ft	-332 ft
LEBL	L24L	RW24L	BLW10	382 ft	58 ft	-324 ft
LEBL	L24R	RW24R	BCA01	392 ft	60 ft	-332 ft
LEBZ	L31-Y	RW31	ITL06	861 ft	658 ft	-203 ft
LEBZ	L31-Z	RW31	ITL06	861 ft	658 ft	-203 ft
LECH	L06	RW06	ICN1	1'462 ft	1'143 ft	-319 ft
LECO	L21-Y	RW21	LCO11	686 ft	322 ft	-364 ft
LECO	L21-Y	RW21	LCO11	686 ft	322 ft	-364 ft
LECO	L21-Y	RW21	LCO11	686 ft	322 ft	-364 ft
LECO	L21-Y	RW21	LCO11	686 ft	322 ft	-364 ft
LECO	L21-Z	RW21	LCO11	685 ft	322 ft	-363 ft
LECO	L21-Z	RW21	LCO11	685 ft	322 ft	-363 ft
LEGE	L19-Y	RW19	GIR	854 ft	519 ft	-335 ft
LEGE	L19-Z	RW19	GIR	854 ft	519 ft	-335 ft
LEGR	L09-Y	RW09	01GRD	2'218 ft	1'892 ft	-326 ft
LEGR	L09-Z	RW09	01GRD	2'214 ft	1'892 ft	-322 ft
LEGT	L05	RW05	IGE05	2'250 ft	2'082 ft	-168 ft
LEIB	L06	RW06	IBI1	391 ft	67 ft	-324 ft
LEIB	L24	RW24	IBZ06	276 ft	69 ft	-207 ft
LEJR	L20-Y	RW20	IJR06	352 ft	143 ft	-209 ft
LEJR	L20-Z	RW20	IJR1	462 ft	143 ft	-319 ft
LELC	L05RY	RW05R	ISJ08	299 ft	62 ft	-237 ft
LELC	L05RZ	RW05R	ISJ08	299 ft	62 ft	-237 ft
LELC	L23LY	RW23L	08ISR	323 ft	56 ft	-267 ft
LELC	L23LZ	RW23L	08ISR	323 ft	56 ft	-267 ft
LELN	L23	RW23	ILE15	3'532 ft	3'046 ft	-486 ft
LEMD	L18L	RW18L	IML10	2'302 ft	1'972 ft	-330 ft
LEMD	L18R	RW18R	IMR01	2'370 ft	2'041 ft	-329 ft
LEMD	L32L	RW32L	MAA11	2'345 ft	1'983 ft	-362 ft
LEMD	L32R	RW32R	MBB12	2'301 ft	1'936 ft	-365 ft
LEMG	L12-Y	RW12	IMG01	413 ft	94 ft	-319 ft
LEMG	L12-Z	RW12	IMG01	413 ft	94 ft	-319 ft
LEMG	L13-Y	RW13	GMM0	442 ft	102 ft	-340 ft
LEMG	L13-Z	RW13	GMM0	442 ft	102 ft	-340 ft
LEMG	L31-Y	RW31	RMA	268 ft	81 ft	-187 ft
LEMG	L31-Z	RW31	RMA	268 ft	81 ft	-187 ft
LEMH	L01-Y	RW01	IMH01	659 ft	328 ft	-331 ft
LEMH	L01-Z	RW01	IMH01	659 ft	328 ft	-331 ft
LEMH	L19-Y	RW19	MAO08	604 ft	349 ft	-255 ft
LEMH	L19-Z	RW19	MAO08	604 ft	349 ft	-255 ft
LEMI	L23	RW23	10IRM	1'014 ft	690 ft	-324 ft
LEMO	L20	RW20	MRN16	511 ft	320 ft	-191 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LEPA	L06L	RW06L	PLM01	388 ft	65 ft	-323 ft
LEPA	L24L	RW24L	IPAL1	379 ft	58 ft	-321 ft
LEPA	L24R	RW24R	PAA05	225 ft	58 ft	-167 ft
LEPP	L15-X	RW15	IPN1	1'888 ft	1'517 ft	-371 ft
LEPP	L15-X	RW15	IPN1	1'888 ft	1'517 ft	-371 ft
LEPP	L15-Y	RW15	IPN1	1'888 ft	1'517 ft	-371 ft
LEPP	L15-Y	RW15	IPN1	1'888 ft	1'517 ft	-371 ft
LEPP	L15-Z	RW15	IPN1	1'888 ft	1'517 ft	-371 ft
LEPP	L15-Z	RW15	IPN1	1'888 ft	1'517 ft	-371 ft
LERJ	L29	RW29	ILO01	1'507 ft	1'189 ft	-318 ft
LERS	L25-Y	RW25	IRS01	608 ft	283 ft	-325 ft
LERS	L25-Z	RW25	IRS01	612 ft	283 ft	-329 ft
LERT	L10-X	RW10	AOG18	369 ft	114 ft	-255 ft
LERT	L10-Y	RW10	AOG18	369 ft	114 ft	-255 ft
LERT	L10-Z	RW10	AOG18	369 ft	114 ft	-255 ft
LESA	L21-Y	RW21	12TSC	2'851 ft	2'636 ft	-215 ft
LESA	L21-Z	RW21	ALR06	2'827 ft	2'636 ft	-191 ft
LESO	H22-Z	RW22	SO02E	754 ft	62 ft	-692 ft
LEST	L17-Y	RW17	IGO06	1'414 ft	1'219 ft	-195 ft
LEST	L17-Z	RW17	IGO06	1'414 ft	1'219 ft	-195 ft
LEST	L35-Y	RW35	ISO01	1'576 ft	1'250 ft	-326 ft
LEST	L35-Z	RW35	ISO01	1'576 ft	1'250 ft	-326 ft
LESU	H03	RW03	SU04S	4'612 ft	2'668 ft	-1'944 ft
LETO	L22-Y	RW22	ITJ08	2'335 ft	2'076 ft	-259 ft
LETO	L22-Z	RW22	ITJ08	2'335 ft	2'076 ft	-259 ft
LEVC	L12-Y	RW12	01VLN	609 ft	290 ft	-319 ft
LEVC	L12-Z	RW12	01VLN	609 ft	290 ft	-319 ft
LEVC	L30	RW30	IVC05	384 ft	225 ft	-159 ft
LEVD	L23	RW23	08IVD	3'084 ft	2'825 ft	-259 ft
LEVT	L04-Y	RW04	VTO01	2'025 ft	1'701 ft	-324 ft
LEVT	L04-Z	RW04	VTO01	2'025 ft	1'701 ft	-324 ft
LEVX	L19-X	RW19	06VIG	1'075 ft	879 ft	-196 ft
LEVX	L19-Y	RW19	06VIG	1'075 ft	879 ft	-196 ft
LEVX	L19-Z	RW19	06VIG	1'075 ft	879 ft	-196 ft
LEXJ	L29	RW29	STA01	386 ft	62 ft	-324 ft
LEZG	L30R	RW30R	MA30R	1'075 ft	884 ft	-191 ft
LEZL	L09-Y	RW09	05ISE	304 ft	133 ft	-171 ft
LEZL	L09-Z	RW09	ISE01	463 ft	133 ft	-330 ft
LEZL	L27-W	RW27	ISV10	479 ft	161 ft	-318 ft
LEZL	L27-X	RW27	ISV10	483 ft	161 ft	-322 ft
LEZL	L27-Y	RW27	ISV10	479 ft	161 ft	-318 ft
LEZL	L27-Z	RW27	ISV10	479 ft	161 ft	-318 ft

## LF

LFAQ	L27-Y	RW27	08ABY	601 ft	399 ft	-202 ft
LFAQ	L27-Z	RW27	08ABY	601 ft	399 ft	-202 ft
LFAT	L13	RW13	LT08	268 ft	69 ft	-199 ft
LFAY	H30	RW30	MAY30	446 ft	255 ft	-191 ft
LFBC	L24-Y	RW24	CAA16	285 ft	133 ft	-152 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LFKJ	L02-Z	RW02	AC47	1'510 ft	65 ft	-1'445 ft
LFKS	L18	RW18	MM18	223 ft	70 ft	-153 ft
LFLB	H18	RW18	MLB18	1'953 ft	815 ft	-1'138 ft
LFLB	L18-X	RW18	CY25	1'960 ft	819 ft	-1'141 ft
LFLB	L18-Y	RW18	CY25	1'960 ft	819 ft	-1'141 ft
LFLB	L18-Z	RW18	CY25	1'957 ft	819 ft	-1'138 ft
LFLC	H26-Y	RW26	MC26Y	1'299 ft	1'108 ft	-191 ft
LFLC	L26-V	RW26	01CF	1'365 ft	1'108 ft	-257 ft
LFLC	L26-Y	RW26	01CF	1'365 ft	1'108 ft	-257 ft
LFLC	L26-Y	RW26	01CF	1'365 ft	1'108 ft	-257 ft
LFLC	L26-Z	RW26	01CF	1'365 ft	1'108 ft	-257 ft
LFLC	L26-Z	RW26	01CF	1'365 ft	1'108 ft	-257 ft
LFLI	L17L	RW17L	LSS01	1'107 ft	830 ft	-277 ft
LFLI	L35L	RW35L	SAN10	1'128 ft	864 ft	-264 ft
LFLI	L35R	RW35R	LSN10	1'123 ft	871 ft	-252 ft
LFLN	L33RX	RW33R	SN07	1'016 ft	847 ft	-169 ft
LFLN	L33RX	RW33R	SN07	1'016 ft	847 ft	-169 ft
LFLN	L33RY	RW33R	SN07	1'015 ft	847 ft	-168 ft
LFLN	L33RZ	RW33R	SN07	1'015 ft	847 ft	-168 ft
LFLS	L09	RW09	07SG	1'458 ft	1'274 ft	-184 ft
LFLX	L21	RW21	01CX	834 ft	568 ft	-266 ft
LFMD	H35-Y	RW35	MD35Y	641 ft	58 ft	-583 ft
LFMD	H35-Z	RW35	MD409	392 ft	58 ft	-334 ft
LFMH	H17-Y	RW17	MH17Y	1'532 ft	1'341 ft	-191 ft
LFMI	H33-Y	RW33	MMI33	143 ft	111 ft	-32 ft
LFMI	H33-Z	RW33	MMI33	143 ft	111 ft	-32 ft
LFMI	L15	RW15	IST07	294 ft	127 ft	-167 ft
LFMI	L15-N	RW15	IST07	294 ft	127 ft	-167 ft
LFML	L13LY	RW13L	ML01	329 ft	58 ft	-271 ft
LFML	L13LZ	RW13L	ML01	329 ft	58 ft	-271 ft
LFML	L13RY	RW13R	MCE01	327 ft	58 ft	-269 ft
LFML	L13RZ	RW13R	MCE01	327 ft	58 ft	-269 ft
LFML	L31RZ	RW31R	MPV01	465 ft	102 ft	-363 ft
LFMN	H04LA	RW04L	MN04A	2'000 ft	61 ft	-1'939 ft
LFMN	H04LY	RW04L	MN04L	283 ft	61 ft	-222 ft
LFMN	H04RA	RW04R	MN04A	2'000 ft	60 ft	-1'940 ft
LFMN	H04RY	RW04R	MN04R	283 ft	60 ft	-223 ft
LFMN	H22LD	RW22L	MN22D	1'260 ft	62 ft	-1'198 ft
LFMN	H22RD	RW22R	MN22D	1'260 ft	60 ft	-1'200 ft
LFMN	L04L	RW04L	NI01	336 ft	61 ft	-275 ft
LFMN	L04R	RW04R	NA01	334 ft	60 ft	-274 ft
LFMO	H32	RW32	MMO3	268 ft	236 ft	-32 ft
LFMO	L14-Y	RW14	ORG11	368 ft	244 ft	-124 ft
LFMO	L14-Z	RW14	ORG11	368 ft	244 ft	-124 ft
LFMP	L33-Y	RW33	PPG18	464 ft	185 ft	-279 ft
LFMP	L33-Z	RW33	PPG18	464 ft	185 ft	-279 ft
LFMQ	H30	RW30	MMQ3	1'679 ft	1'438 ft	-241 ft
LFMT	L30RY	RW30R	FG01	340 ft	56 ft	-284 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LFMT	L30RZ	RW30R	FG01	334 ft	56 ft	-278 ft
LFMY	H16	RW16	MMY16	562 ft	244 ft	-318 ft
LFMY	L16-Y	RW16	SAL07	405 ft	245 ft	-160 ft
LFMY	L16-Z	RW16	SAL07	405 ft	245 ft	-160 ft
LFOA	L24	RW24	AVD16	834 ft	627 ft	-207 ft
LFOB	L12-Y	RW12	BVT01	649 ft	402 ft	-247 ft
LFOB	L12-Z	RW12	BVT01	649 ft	402 ft	-247 ft
LFOB	L30-X	RW30	BI07	525 ft	347 ft	-178 ft
LFOB	L30-Y	RW30	BI07	525 ft	347 ft	-178 ft
LFOB	L30-Z	RW30	BI07	525 ft	347 ft	-178 ft
LFOE	L22-Y	RW22	E VX16	788 ft	504 ft	-284 ft
LFOE	L22-Z	RW22	E VX16	807 ft	504 ft	-303 ft
LFOJ	L25	RW25	BCY15	629 ft	449 ft	-180 ft
LFOK	L10-Y	RW10	CAV	774 ft	605 ft	-169 ft
LFOK	L10-Z	RW10	CAV	774 ft	605 ft	-169 ft
LFOP	L22	RW22	RN07	725 ft	562 ft	-163 ft
LFOT	L20	RW20	TS07	581 ft	401 ft	-180 ft
LFPB	H25	RW25	PB430	558 ft	235 ft	-323 ft
LFPB	L07	RW07	LBG10	490 ft	205 ft	-285 ft
LFPB	L25-A	RW25	BT	362 ft	236 ft	-126 ft
LFPB	L27	RW27	RGE10	484 ft	216 ft	-268 ft
LFPG	L08L	RW08L	GLE10	648 ft	388 ft	-260 ft
LFPG	L08R	RW08R	DSE01	639 ft	387 ft	-252 ft
LFPG	L09L	RW09L	PNE01	684 ft	428 ft	-256 ft
LFPG	L09R	RW09R	CGE01	681 ft	421 ft	-260 ft
LFPG	L26L	RW26L	DSU01	664 ft	367 ft	-297 ft
LFPG	L26R	RW26R	PGS	643 ft	368 ft	-275 ft
LFPG	L27L	RW27L	CGW01	685 ft	437 ft	-248 ft
LFPG	L27R	RW27R	PNW01	704 ft	442 ft	-262 ft
LFPN	L25R	RW25R	TNO01	835 ft	553 ft	-282 ft
LFPO	L02	RW02	17POY	591 ft	337 ft	-254 ft
LFPO	L06	RW06	ORE01	587 ft	333 ft	-254 ft
LFPO	L07	RW07	OLE10	589 ft	327 ft	-262 ft
LFPO	L24	RW24	OLO10	610 ft	335 ft	-275 ft
LFPO	L25	RW25	OLW10	610 ft	337 ft	-273 ft
LFPT	L05-X	RW05	CVN01	617 ft	324 ft	-293 ft
LFPT	L05-Y	RW05	MAP05	453 ft	324 ft	-129 ft
LFPT	L05-Z	RW05	MAP05	453 ft	324 ft	-129 ft
LFPV	L09	RW09	VVE12	960 ft	636 ft	-324 ft
LFPV	L27	RW27	VVO07	798 ft	626 ft	-172 ft
LFQA	H25	RW25	MQA25	631 ft	355 ft	-276 ft
LFQE	L01	RW01	MCY10	1'042 ft	787 ft	-255 ft
LFQP	L24-Y	RW24	12PB	1'393 ft	1'067 ft	-326 ft
LFQQ	L26-X	RW26	LIL07	362 ft	182 ft	-180 ft
LFQQ	L26-Y	RW26	LIL07	362 ft	182 ft	-180 ft
LFQQ	L26-Z	RW26	LIL07	361 ft	184 ft	-177 ft
LFQT	L22	RW22	MER05	243 ft	110 ft	-133 ft
LFRB	L25LY	RW25L	BG08	553 ft	362 ft	-191 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LFRB	L25LZ	RW25L	BG08	555 ft	362 ft	-193 ft
LFRC	L28	RW28	MP08	695 ft	478 ft	-217 ft
LFRG	L30	RW30	DV07	689 ft	514 ft	-175 ft
LFRH	L25	RW25	BH08	387 ft	190 ft	-197 ft
LFRH	L25-Y	RW25	MI25	376 ft	190 ft	-186 ft
LFRH	L25-Z	RW25	BH08	387 ft	190 ft	-197 ft
LFRJ	L25	RW25	03LD	410 ft	386 ft	-24 ft
LFRK	L31-Y	RW31	CN04	378 ft	282 ft	-96 ft
LFRK	L31-Z	RW31	CN04	378 ft	282 ft	-96 ft
LFRL	H23	RW23	MRL23	477 ft	318 ft	-159 ft
LFRN	L28	RW28	RS08	375 ft	171 ft	-204 ft
LFRS	H21	RW21	MAPTS	469 ft	137 ft	-332 ft
LFRS	L03-Y	RW03	NT07	299 ft	123 ft	-176 ft
LFRS	L03-Z	RW03	NT07	299 ft	123 ft	-176 ft
LFSB	L15-Y	RW15	MH06	1'056 ft	914 ft	-142 ft
LFSB	L15-Z	RW15	MH06	1'056 ft	914 ft	-142 ft
LFSB	L33-X	RW33	BLU07	1'136 ft	930 ft	-206 ft
LFSB	L33-Y	RW33	BLU07	1'134 ft	930 ft	-204 ft
LFSB	L33-Z	RW33	BLU07	1'137 ft	930 ft	-207 ft
LFSG	L26	RW26	MM26	1'275 ft	1'084 ft	-191 ft
LFSI	L29	RW29	SDI15	653 ft	508 ft	-145 ft
LFSL	L29	RW29	BVC05	1'154 ft	1'026 ft	-128 ft
LFSO	L20	RW20	11NAY	1'257 ft	1'116 ft	-141 ft
LFST	L05-Y	RW05	ENT05	706 ft	553 ft	-153 ft
LFST	L05-Z	RW05	ENT05	706 ft	553 ft	-153 ft
LFST	L23-Y	RW23	STR42	724 ft	541 ft	-183 ft
LFST	L23-Z	RW23	STR42	724 ft	541 ft	-183 ft
LFSX	H29	RW29	MAP29	1'068 ft	934 ft	-134 ft
LFSX	L11	RW11	LXI16	1'086 ft	908 ft	-178 ft
LFTH	L05	RW05	HY10	381 ft	56 ft	-325 ft
LFVP	L26-Y	RW26	SP1	327 ft	68 ft	-259 ft
LFVP	L26-Z	RW26	SP1	327 ft	68 ft	-259 ft

## LG

LGAV	L03LY	RW03L	SAT	469 ft	305 ft	-164 ft
LGAV	L03LZ	RW03L	SAT	469 ft	305 ft	-164 ft
LGAV	L03RY	RW03R	SPA	516 ft	321 ft	-195 ft
LGAV	L03RZ	RW03R	SPA	516 ft	321 ft	-195 ft
LGAV	L21LY	RW21L	SPA03	529 ft	353 ft	-176 ft
LGAV	L21LZ	RW21L	SPA03	529 ft	353 ft	-176 ft
LGAV	L21R	RW21R	SAT03	573 ft	332 ft	-241 ft
LGBL	L26	RW26	1IANC	349 ft	69 ft	-280 ft
LGEL	L36RW	RW36R	IEFS1	389 ft	71 ft	-318 ft
LGEL	L36RY	RW36R	IEFS1	389 ft	71 ft	-318 ft
LGIO	H14-Y	RW14	FTP14	1'631 ft	1'600 ft	-31 ft
LGIO	H14-Z	RW14	FTP14	1'631 ft	1'600 ft	-31 ft
LGKL	L35LZ	RW35L	DME04	193 ft	66 ft	-127 ft
LGMT	H14-Y	RW14	14FTP	152 ft	108 ft	-44 ft
LGMT	H14-Z	RW14	FTP14	245 ft	108 ft	-137 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LGMT	H32-Z	RW32	FTP32	71 ft	71 ft	ft
LGRP	L24-Y	RW24	MM24	214 ft	68 ft	-146 ft
LGRP	L24-Z	RW24	MM24	229 ft	68 ft	-161 ft
LGTS	L10-Y	RW10	IMAK1	382 ft	67 ft	-315 ft
LGTS	L10-Z	RW10	IMAK1	382 ft	67 ft	-315 ft

## LH

LHBP	L13L	RW13L	BPL08	737 ft	546 ft	-191 ft
LHBP	L13R	RW13R	FER07	666 ft	498 ft	-168 ft
LHBP	L31L	RW31L	FHL08	683 ft	498 ft	-185 ft
LHBP	L31R	RW31R	BPR07	637 ft	466 ft	-171 ft
LHDC	L04R	RW04R	C	583 ft	410 ft	-173 ft
LHKE	H30	RW30	KE005	609 ft	428 ft	-181 ft
LHKE	L12	RW12	N	605 ft	429 ft	-176 ft
LHKE	L30	RW30	T	608 ft	422 ft	-186 ft
LHPA	H16	RW16	PA011	688 ft	528 ft	-160 ft
LHPA	H34	RW34	PA003	717 ft	534 ft	-183 ft
LHPA	L16	RW16	PCT	673 ft	521 ft	-152 ft
LHPA	L34	RW34	P	714 ft	531 ft	-183 ft
LHPR	L29	RW29	GYR43	477 ft	476 ft	-1 ft
LHSM	L16	RW16	SMK07	622 ft	458 ft	-164 ft
LHSN	H02	RW02	SN005	345 ft	342 ft	-3 ft
LHSN	H20	RW20	SN011	520 ft	342 ft	-178 ft

## LI

LIBA	L29R	RW29R	20MNL	262 ft	232 ft	-30 ft
LIBD	L07-Y	RW07	BAP05	332 ft	243 ft	-89 ft
LIBD	L07-Z	RW07	BAP05	332 ft	243 ft	-89 ft
LIBG	L35-X	RW35	TGT10	519 ft	253 ft	-266 ft
LIBG	L35-Y	RW35	TGT10	519 ft	253 ft	-266 ft
LIBG	L35-Z	RW35	TGT10	519 ft	253 ft	-266 ft
LIBN	L32-W	RW32	LCC15	377 ft	208 ft	-169 ft
LIBN	L32-Y	RW32	LCC15	377 ft	208 ft	-169 ft
LIBP	L22-Y	RW22	IPS07	241 ft	77 ft	-164 ft
LIBP	L22-Z	RW22	IPS07	241 ft	77 ft	-164 ft
LIBR	L31	RW31	BRN09	304 ft	74 ft	-230 ft
LIBV	L32LY	RW32L	GIO40	1'425 ft	1'236 ft	-189 ft
LIBV	L32LZ	RW32L	GIO40	1'425 ft	1'236 ft	-189 ft
LICA	L28-X	RW28	LAM15	514 ft	92 ft	-422 ft
LICA	L28-Y	RW28	LAM15	514 ft	92 ft	-422 ft
LICA	L28-Z	RW28	LAM15	514 ft	92 ft	-422 ft
LICB	L05	RW05	01COM	1'113 ft	711 ft	-402 ft
LICC	L08-W	RW08	CTN08	263 ft	88 ft	-175 ft
LICC	L08-Y	RW08	CTN08	263 ft	88 ft	-175 ft
LICC	L08-Z	RW08	CTN08	263 ft	88 ft	-175 ft
LICD	L26-Y	RW26	LMA22	485 ft	116 ft	-369 ft
LICD	L26-Z	RW26	LMA22	485 ft	116 ft	-369 ft
LICG	L26-X	RW26	PTL15	1'176 ft	645 ft	-531 ft
LICG	L26-Y	RW26	PTL15	1'176 ft	645 ft	-531 ft
LICG	L26-Z	RW26	PTL15	1'176 ft	645 ft	-531 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LICJ	H07-Y	RW07	CJ513	252 ft	82 ft	-170 ft
LICJ	H07-Z	RW07	CJ512	880 ft	82 ft	-798 ft
LICJ	H20-Z	RW20	CJ516	910 ft	79 ft	-831 ft
LICJ	H25-Y	RW25	CJ534	680 ft	107 ft	-573 ft
LICJ	H25-Z	RW25	CJ533	1'380 ft	107 ft	-1'273 ft
LICJ	L20-Y	RW20	ITO10	330 ft	72 ft	-258 ft
LICJ	L20-Z	RW20	ITO10	330 ft	72 ft	-258 ft
LICJ	L25-W	RW25	RAI2	687 ft	100 ft	-587 ft
LICJ	L25-Y	RW25	RAI2	687 ft	100 ft	-587 ft
LICJ	L25-Z	RW25	RAI2	687 ft	100 ft	-587 ft
LICT	L31LX	RW31L	08TRA	264 ft	70 ft	-194 ft
LICT	L31LY	RW31L	08TRA	265 ft	74 ft	-191 ft
LICT	L31LY	RW31L	08TRA	265 ft	74 ft	-191 ft
LICT	L31LZ	RW31L	08TRA	265 ft	74 ft	-191 ft
LICT	L31LZ	RW31L	08TRA	265 ft	74 ft	-191 ft
LICZ	L10R	RW10R	INS08	329 ft	130 ft	-199 ft
LIEA	L20	RW20	MM20	327 ft	137 ft	-190 ft
LIEE	L32-W	RW32	MM32	214 ft	56 ft	-158 ft
LIEE	L32-X	RW32	MM32	214 ft	56 ft	-158 ft
LIEE	L32-Y	RW32	MM32	214 ft	56 ft	-158 ft
LIEE	L32-Z	RW32	MM32	214 ft	56 ft	-158 ft
LIEO	L05	RW05	ISM01	411 ft	86 ft	-325 ft
LIEO	L23	RW23	IOL20	650 ft	74 ft	-576 ft
LIMC	L17LX	RW17L	IMSL1	1'083 ft	795 ft	-288 ft
LIMC	L17LZ	RW17L	IMSL1	1'083 ft	795 ft	-288 ft
LIMC	L35LY	RW35L	IMA1	1'024 ft	746 ft	-278 ft
LIMC	L35LZ	RW35L	IMA1	1'024 ft	746 ft	-278 ft
LIMC	L35RZ	RW35R	MM35R	912 ft	741 ft	-171 ft
LIME	L28-W	RW28	MM28	1'008 ft	804 ft	-204 ft
LIME	L28-X	RW28	MM28	1'007 ft	804 ft	-203 ft
LIME	L28-Y	RW28	MM28	1'007 ft	804 ft	-203 ft
LIME	L28-Z	RW28	MM28	1'008 ft	804 ft	-204 ft
LIMF	L36-X	RW36	MM36	1'153 ft	984 ft	-169 ft
LIMF	L36-Y	RW36	MM36	1'153 ft	984 ft	-169 ft
LIMF	L36-Z	RW36	MM36	1'153 ft	984 ft	-169 ft
LIMG	L27	RW27	ALB4	1'501 ft	155 ft	-1'346 ft
LIMJ	H10-A	RW10	MJ814	1'250 ft	59 ft	-1'191 ft
LIMJ	L28-Y	RW28	GSE1	338 ft	62 ft	-276 ft
LIMJ	L28-Z	RW28	GSE1	338 ft	62 ft	-276 ft
LIML	L36-Y	RW36	MM36	546 ft	387 ft	-159 ft
LIML	L36-Z	RW36	MM36	546 ft	387 ft	-159 ft
LIMN	L35-Y	RW35	ICA07	771 ft	604 ft	-167 ft
LIMN	L35-Z	RW35	ICA07	771 ft	604 ft	-167 ft
LIMP	L20	RW20	IPR10	461 ft	197 ft	-264 ft
LIMZ	L21-X	RW21	MM21	1'429 ft	1'267 ft	-162 ft
LIMZ	L21-Y	RW21	MM21	1'429 ft	1'267 ft	-162 ft
LIMZ	L21-Z	RW21	MM21	1'429 ft	1'267 ft	-162 ft
LIPA	L05	RW05	DEXAT	620 ft	375 ft	-245 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LIPB	H01	RW01	PB819	2'677 ft	819 ft	-1'858 ft
LIPB	L01	RW01	IBZ40	2'828 ft	820 ft	-2'008 ft
LIPC	L11-Y	RW11	MA11	231 ft	68 ft	-163 ft
LIPC	L11-Z	RW11	MA11	231 ft	68 ft	-163 ft
LIPE	L12-Y	RW12	IBLN1	445 ft	170 ft	-275 ft
LIPE	L12-Z	RW12	IBLN1	445 ft	170 ft	-275 ft
LIPE	L30	RW30	BBP06	341 ft	170 ft	-171 ft
LIPH	L07-Y	RW07	TEV08	305 ft	107 ft	-198 ft
LIPH	L07-Z	RW07	TEV08	305 ft	107 ft	-198 ft
LIPK	L12	RW12	MM12	382 ft	148 ft	-234 ft
LIPL	L31L	RW31L	IGD08	564 ft	362 ft	-202 ft
LIPO	L32	RW32	IBS07	543 ft	383 ft	-160 ft
LIPO	L32	RW32	IBS07	543 ft	383 ft	-160 ft
LIPO	L32	RW32	IBS07	543 ft	383 ft	-160 ft
LIPO	L32	RW32	IBS07	543 ft	383 ft	-160 ft
LIPQ	L09-X	RW09	MM09	282 ft	87 ft	-195 ft
LIPQ	L09-Y	RW09	MM09	282 ft	87 ft	-195 ft
LIPQ	L09-Z	RW09	MM09	282 ft	87 ft	-195 ft
LIPR	L31-Y	RW31	RIM08	246 ft	89 ft	-157 ft
LIPR	L31-Z	RW31	RIM08	246 ft	89 ft	-157 ft
LIPX	L04	RW04	MM04	426 ft	270 ft	-156 ft
LIPY	L22-W	RW22	MM22	257 ft	79 ft	-178 ft
LIPY	L22-X	RW22	MM22	257 ft	79 ft	-178 ft
LIPY	L22-Y	RW22	MM22	257 ft	79 ft	-178 ft
LIPY	L22-Z	RW22	MM22	257 ft	79 ft	-178 ft
LIPZ	L04RX	RW04R	MM04R	212 ft	57 ft	-155 ft
LIPZ	L04RY	RW04R	MM04R	212 ft	57 ft	-155 ft
LIPZ	L04RZ	RW04R	MM04R	212 ft	57 ft	-155 ft
LIRA	L15-Y	RW15	ICI1	660 ft	391 ft	-269 ft
LIRA	L15-Z	RW15	ICI1	660 ft	391 ft	-269 ft
LIRE	L31-X	RW31	07PRA	258 ft	88 ft	-170 ft
LIRE	L31-Y	RW31	07PRA	259 ft	88 ft	-171 ft
LIRE	L31-Z	RW31	07PRA	259 ft	88 ft	-171 ft
LIRF	L16LW	RW16L	MM16L	226 ft	64 ft	-162 ft
LIRF	L16LX	RW16L	MM16L	226 ft	64 ft	-162 ft
LIRF	L16RY	RW16R	MM16R	291 ft	57 ft	-234 ft
LIRF	L16RZ	RW16R	MM16R	291 ft	57 ft	-234 ft
LIRF	L25	RW25	MM25	218 ft	55 ft	-163 ft
LIRF	L34L	RW34L	IFS10	370 ft	58 ft	-312 ft
LIRF	L34R	RW34R	MM34R	216 ft	56 ft	-160 ft
LIRL	L12-Y	RW12	LAI08	349 ft	145 ft	-204 ft
LIRL	L12-Z	RW12	LAI08	349 ft	145 ft	-204 ft
LIRN	H06	RW06	FTP06	351 ft	336 ft	-15 ft
LIRN	L06-Y	RW06	NPC33	1'498 ft	335 ft	-1'163 ft
LIRN	L24-X	RW24	NAP01	582 ft	273 ft	-309 ft
LIRN	L24-Y	RW24	NAP01	582 ft	273 ft	-309 ft
LIRP	L04RY	RW04R	PSS08	251 ft	53 ft	-198 ft
LIRP	L04RZ	RW04R	PSS08	251 ft	53 ft	-198 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LIRP	R22L	RW22L	RP705	342 ft	56 ft	-286 ft
LIRQ	H05-Y	RW05	RQ503	293 ft	172 ft	-121 ft
LIRQ	H05-Z	RW05	RQ501	574 ft	172 ft	-402 ft
LIRQ	L05-Y	RW05	IFZ20	759 ft	173 ft	-586 ft
LIRQ	L05-Z	RW05	IFZ20	759 ft	173 ft	-586 ft
LIRS	L03LZ	RW03L	GRS10	329 ft	65 ft	-264 ft
LIRZ	L01-V	RW01	IPE10	1'021 ft	717 ft	-304 ft
LIRZ	L01-W	RW01	IPE10	1'026 ft	717 ft	-309 ft
LIRZ	L01-Y	RW01	IPE10	1'021 ft	717 ft	-304 ft
LIRZ	L01-Z	RW01	IPE10	1'021 ft	717 ft	-304 ft

## LJ

LJCE	L09-Z	RW09	MM09	732 ft	560 ft	-172 ft
LJLJ	L30	RW30	MM31	1'401 ft	1'241 ft	-160 ft
LJMB	L32	RW32	MI	1'087 ft	906 ft	-181 ft

## LK

LKCV	L31	RW31	C	1'015 ft	836 ft	-179 ft
LKKB	L24	RW24	K	1'137 ft	966 ft	-171 ft
LKKV	L29	RW29	L	2'205 ft	2'035 ft	-170 ft
LKMT	L22	RW22	N	1'025 ft	858 ft	-167 ft
LKNA	L30	RW30	ABML	1'813 ft	1'546 ft	-267 ft
LKPD	L27-Y	RW27	P	964 ft	781 ft	-183 ft
LKPD	L27-Y	RW27	P	964 ft	781 ft	-183 ft
LKPD	L27-Z	RW27	P	964 ft	781 ft	-183 ft
LKPR	L06	RW06	PH05	1'349 ft	1'252 ft	-97 ft
LKPR	L12	RW12	PA05	1'306 ft	1'210 ft	-96 ft
LKPR	L24	RW24	L	1'393 ft	1'214 ft	-179 ft
LKPR	L30	RW30	PG05	1'378 ft	1'282 ft	-96 ft
LKTB	L27	RW27	B	1'003 ft	821 ft	-182 ft
LKVO	L28	RW28	VO05	1'073 ft	965 ft	-108 ft
LKVO	L28	RW28	VO05	1'073 ft	965 ft	-108 ft

## LL

LLBG	L12	RW12	04BGN	160 ft	152 ft	-8 ft
LLER	L01	RW01	RAM26	302 ft	302 ft	ft
LLER	L19	RW19	RB06D	520 ft	322 ft	-198 ft

## LO

LOWG	L34C	RW34C	OEG10	1'409 ft	1'138 ft	-271 ft
LOWI	H08-Y	RW08	WI814	7'100 ft	1'956 ft	-5'144 ft
LOWI	H26-E	RW26	WI614	2'268 ft	1'943 ft	-325 ft
LOWI	L26	RW26	OEV63	4'400 ft	1'943 ft	-2'457 ft
LOWI	L26-R	RW26	09OEV	2'238 ft	1'943 ft	-295 ft
LOWK	L28R	RW28R	KI	1'884 ft	1'494 ft	-390 ft
LOWL	L08	RW08	OEM07	1'190 ft	1'028 ft	-162 ft
LOWL	L26	RW26	OEL07	1'193 ft	1'013 ft	-180 ft
LOWS	H15-X	RW15	WS817	2'652 ft	1'461 ft	-1'191 ft
LOWS	H33-V	RW33	WS835	3'980 ft	1'461 ft	-2'519 ft
LOWS	L15	RW15	OES16	1'922 ft	1'461 ft	-461 ft
LOWW	L11	RW11	13OEW	1'013 ft	625 ft	-388 ft
LOWW	L16	RW16	OEZ13	1'015 ft	647 ft	-368 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LOWW	L29	RW29	OEX08	857 ft	650 ft	-207 ft
LOWW	L34	RW34	OEN11	944 ft	636 ft	-308 ft
LOXZ	H26L	RW26L	XZ827	2'770 ft	2'250 ft	-520 ft

## LP

LPAZ	L18	RW18	MM18	531 ft	333 ft	-198 ft
LPBJ	L19R	RW19R	ML19R	944 ft	674 ft	-270 ft
LPCR	H29	RW29	CR476	1'029 ft	108 ft	-921 ft
LPFR	L10-Y	RW10	08FIT	346 ft	74 ft	-272 ft
LPFR	L10-Z	RW10	08FIT	346 ft	74 ft	-272 ft
LPFR	L28-Y	RW28	IIF1	400 ft	68 ft	-332 ft
LPFR	L28-Z	RW28	IIF1	400 ft	68 ft	-332 ft
LPLA	L15	RW15	IMILE	405 ft	208 ft	-197 ft
LPLA	L15-Y	RW15	TRM17	380 ft	208 ft	-172 ft
LPLA	L33	RW33	MASID	368 ft	230 ft	-138 ft
LPMT	L26	RW26	MOJ16	260 ft	96 ft	-164 ft
LPOV	L36-1	RW36	OV06	311 ft	106 ft	-205 ft
LPOV	L36-2	RW36	06OVR	247 ft	106 ft	-141 ft
LPPD	H12-Z	RW12	SM456	555 ft	309 ft	-246 ft
LPPD	L30	RW30	NL01	512 ft	237 ft	-275 ft
LPPD	L30	RW30	NL01	512 ft	237 ft	-275 ft
LPPI	L27	RW27	13IPO	560 ft	155 ft	-405 ft
LPPI	L17	RW17	PR01	530 ft	201 ft	-329 ft
LPPT	L02	RW02	MM02	562 ft	380 ft	-182 ft
LPPT	L20	RW20	MM20	572 ft	397 ft	-175 ft
LPSO	L21	RW21	PDS01	765 ft	440 ft	-325 ft

## LQ

LQBK	L16-Y	RW16	LU	593 ft	426 ft	-167 ft
LQBK	L16-Z	RW16	LU	593 ft	426 ft	-167 ft
LQMO	H33	RW33	MOM0	790 ft	206 ft	-584 ft
LQMO	L33-X	RW33	MOS40	1'595 ft	157 ft	-1'438 ft
LQMO	L33-Y	RW33	MOS40	1'595 ft	157 ft	-1'438 ft
LQMO	L33-Z	RW33	MOS40	1'595 ft	157 ft	-1'438 ft
LQSA	H11	RW11	SA009	2'601 ft	1'693 ft	-908 ft
LQSA	L11-Y	RW11	BHS15	2'155 ft	1'695 ft	-460 ft
LQSA	L11-Y	RW11	BHS15	2'155 ft	1'695 ft	-460 ft
LQSA	L11-Y	RW11	BHS15	2'155 ft	1'695 ft	-460 ft
LQSA	L11-Z	RW11	BHS15	2'153 ft	1'695 ft	-458 ft
LQSA	L11-Z	RW11	BHS15	2'153 ft	1'695 ft	-458 ft
LQSA	L11-Z	RW11	BHS15	2'153 ft	1'695 ft	-458 ft
LQSZ	L09-W	RW09	25TZU	1'261 ft	815 ft	-446 ft
LQSZ	L09-Z	RW09	TZU25	1'248 ft	815 ft	-433 ft

## LR

LRAR	L27	RW27	02IAD	402 ft	401 ft	-1 ft
LRBC	L34	RW34	06IBC	787 ft	641 ft	-146 ft
LRBM	L09-Y	RW09	IBM9	841 ft	605 ft	-236 ft
LRBM	L09-Z	RW09	IBM9	841 ft	605 ft	-236 ft
LRBS	L07	RW07	IBS10	618 ft	349 ft	-269 ft
LRBS	L07	RW07	IBS10	618 ft	349 ft	-269 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LRBS	L25	RW25	IBN11	631 ft	332 ft	-299 ft
LRBS	L25	RW25	IBN11	631 ft	332 ft	-299 ft
LRCK	L36	RW36	ICK04	429 ft	365 ft	-64 ft
LRCL	L25	RW25	ICX10	1'336 ft	1'073 ft	-263 ft
LRCV	L27	RW27	ICV1	935 ft	668 ft	-267 ft
LRIA	L14	RW14	IIS07	616 ft	461 ft	-155 ft
LROD	L19	RW19	IOD10	818 ft	500 ft	-318 ft
LROD	L19	RW19	IOD10	818 ft	500 ft	-318 ft
LROP	L08L	RW08L	ILL10	629 ft	364 ft	-265 ft
LROP	L08R	RW08R	IOP10	621 ft	364 ft	-257 ft
LROP	L26L	RW26L	IOE10	587 ft	353 ft	-234 ft
LRSB	L27	RW27	ISB12	1'824 ft	1'494 ft	-330 ft
LRSM	L19	RW19	ISM05	564 ft	456 ft	-108 ft
LRSV	L34	RW34	SCV	1'525 ft	1'381 ft	-144 ft
LRTC	L34	RW34	ITC19	748 ft	188 ft	-560 ft
LRTM	L07	RW07	ITM1	1'275 ft	1'013 ft	-262 ft
LRTR	L11	RW11	TSR	555 ft	393 ft	-162 ft
LRTR	L29	RW29	ITR08	591 ft	394 ft	-197 ft

## LS

LSGC	H06	RW06	GC752	3'548 ft	3'418 ft	-130 ft
LSGG	L04	RW04	INE09	1'698 ft	1'461 ft	-237 ft
LSGG	L22	RW22	15ISW	1'844 ft	1'423 ft	-421 ft
LSGS	H25	RW25	GS617	1'644 ft	1'632 ft	-12 ft
LSMD	L29	RW29	IDU13	2'183 ft	1'523 ft	-660 ft
LSME	L22	RW22	10IEM	1'762 ft	1'440 ft	-322 ft
LSZA	L01	RW01	ILU19	2'600 ft	950 ft	-1'650 ft
LSZB	L14	RW14	25IBE	2'394 ft	1'718 ft	-676 ft
LSZG	H24	RW24	ZG503	1'985 ft	1'455 ft	-530 ft
LSZH	L14	RW14	IKL14	1'841 ft	1'452 ft	-389 ft
LSZH	L16	RW16	IZH01	1'696 ft	1'440 ft	-256 ft
LSZH	L28	RW28	IZW22	2'167 ft	1'466 ft	-701 ft
LSZH	L34	RW34	IZS14	1'895 ft	1'438 ft	-457 ft
LSZR	H10	RW10	ZR701	1'490 ft	1'356 ft	-134 ft
LSZR	L10	RW10	IAL08	1'646 ft	1'356 ft	-290 ft
LSZS	H03	RW03	ZS705	6'597 ft	5'652 ft	-945 ft
LSZS	H21	RW21	ZS712	5'977 ft	5'623 ft	-354 ft

## LT

LTAC	L03LX	RW03L	IAKR7	3'349 ft	3'154 ft	-195 ft
LTAC	L03LY	RW03L	IAKR7	3'349 ft	3'154 ft	-195 ft
LTAC	L03RV	RW03R	MM03R	3'327 ft	3'149 ft	-178 ft
LTAC	L03RY	RW03R	MM03R	3'316 ft	3'149 ft	-167 ft
LTAC	L03RZ	RW03R	MM03R	3'316 ft	3'149 ft	-167 ft
LTAC	L21LZ	RW21L	IESB7	3'353 ft	3'176 ft	-177 ft
LTAC	L21RZ	RW21R	IEB07	3'338 ft	3'174 ft	-164 ft
LTAD	H11	RW11	MA111	2'953 ft	2'697 ft	-256 ft
LTAD	L11-Y	RW11	MM11	2'878 ft	2'692 ft	-186 ft
LTAD	L11-Z	RW11	MM11	2'878 ft	2'692 ft	-186 ft
LTAE	L03-Y	RW03	IZI06	2'922 ft	2'779 ft	-143 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LTAE	L03-Z	RW03	IZI06	2'919 ft	2'779 ft	-140 ft
LTAF	L05-Y	RW05	25ADA	392 ft	102 ft	-290 ft
LTAF	L05-Z	RW05	25ADA	388 ft	102 ft	-286 ft
LTAG	L05	RW05	GECEG	497 ft	219 ft	-278 ft
LTAG	L23	RW23	WAGIB	612 ft	282 ft	-330 ft
LTAH	L31RY	RW31R	IKF7	3'510 ft	3'315 ft	-195 ft
LTAH	R31R	RW31R	AH313	3'320 ft	3'320 ft	ft
LTAI	L18CY	RW18C	IAT16	685 ft	222 ft	-463 ft
LTAI	L18CZ	RW18C	ABAYT	329 ft	222 ft	-107 ft
LTAI	L18LY	RW18L	08LRA	593 ft	226 ft	-367 ft
LTAI	L18LZ	RW18L	08LRA	593 ft	226 ft	-367 ft
LTAI	L36CX	RW36C	YT	406 ft	224 ft	-182 ft
LTAI	L36CY	RW36C	YT	414 ft	224 ft	-190 ft
LTAI	L36CZ	RW36C	YT	414 ft	224 ft	-190 ft
LTAI	L36RS	RW36R	MM36R	381 ft	209 ft	-172 ft
LTAI	L36RV	RW36R	MM36R	381 ft	209 ft	-172 ft
LTAI	L36RX	RW36R	IAL07	370 ft	209 ft	-161 ft
LTAI	L36RZ	RW36R	IAL07	370 ft	209 ft	-161 ft
LTAJ	L28-Z	RW28	IGN23	2'950 ft	2'266 ft	-684 ft
LTAL	H18	RW18	MA18	3'998 ft	3'515 ft	-483 ft
LTAL	L18-Z	RW18	KST	4'009 ft	3'515 ft	-494 ft
LTAN	L01LZ	RW01L	IKNY1	3'818 ft	3'417 ft	-401 ft
LTAP	L05RY	RW05R	IMR16	2'285 ft	1'834 ft	-451 ft
LTAP	L05RZ	RW05R	IMR16	2'285 ft	1'834 ft	-451 ft
LTAR	L01-W	RW01	SIV	5'448 ft	5'287 ft	-161 ft
LTAR	L01-X	RW01	SIV	5'448 ft	5'287 ft	-161 ft
LTAR	L01-Y	RW01	ISVS9	5'729 ft	5'287 ft	-442 ft
LTAR	L01-Z	RW01	ISVS9	5'729 ft	5'287 ft	-442 ft
LTAS	L36-Y	RW36	IZC26	999 ft	94 ft	-905 ft
LTAS	L36-Z	RW36	IZC26	999 ft	94 ft	-905 ft
LTAT	L21L	RW21L	ERH04	3'255 ft	2'807 ft	-448 ft
LTAU	L25-X	RW25	IKS08	3'701 ft	3'513 ft	-188 ft
LTAU	L25-Y	RW25	IKS08	3'703 ft	3'513 ft	-190 ft
LTAU	L25-Z	RW25	IKS08	3'703 ft	3'513 ft	-190 ft
LTAW	H06	RW06	MA06	2'264 ft	1'892 ft	-372 ft
LTAW	H24	RW24	MA24	2'192 ft	1'909 ft	-283 ft
LTAY	L23-Y	RW23	MM24	2'977 ft	2'822 ft	-155 ft
LTAY	L23-Z	RW23	MM24	2'977 ft	2'822 ft	-155 ft
LTAZ	L11-Y	RW11	ITZ21	3'736 ft	3'112 ft	-624 ft
LTAZ	L11-Z	RW11	ITZ21	3'736 ft	3'112 ft	-624 ft
LTBA	L05-Y	RW05	01IST	500 ft	143 ft	-357 ft
LTBA	L05-Z	RW05	01IST	500 ft	143 ft	-357 ft
LTBA	L23-Y	RW23	IAT18	698 ft	140 ft	-558 ft
LTBA	L23-Z	RW23	IAT18	699 ft	140 ft	-559 ft
LTBF	L36R	RW36R	IBR24	1'093 ft	382 ft	-711 ft
LTBG	L36-Y	RW36	IBD07	352 ft	176 ft	-176 ft
LTBG	L36-Z	RW36	IBD06	315 ft	176 ft	-139 ft
LTBH	H22	RW22	MA22	321 ft	80 ft	-241 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LTBH	L04	RW04	ICN13	420 ft	70 ft	-350 ft
LTBI	L26	RW26	IESK1	2'895 ft	2'620 ft	-275 ft
LTBJ	L16L	RW16L	MEN02	877 ft	460 ft	-417 ft
LTBJ	L34RV	RW34R	EN	585 ft	414 ft	-171 ft
LTBJ	L34RY	RW34R	MEN28	986 ft	414 ft	-572 ft
LTBJ	L34RZ	RW34R	MEN28	986 ft	414 ft	-572 ft
LTBL	L17-Y	RW17	ICI08	271 ft	66 ft	-205 ft
LTBL	L17-Z	RW17	ICI08	271 ft	66 ft	-205 ft
LTBQ	L27	RW27	CTP35	1'024 ft	232 ft	-792 ft
LTBR	L25RY	RW25R	BRY01	983 ft	799 ft	-184 ft
LTBR	L25RZ	RW25R	BRY01	983 ft	799 ft	-184 ft
LTBS	H19	RW19	MA19	351 ft	70 ft	-281 ft
LTBS	L01-Y	RW01	DAL20	912 ft	60 ft	-852 ft
LTBS	L01-Z	RW01	DAL20	912 ft	60 ft	-852 ft
LTBS	L19	RW19	38DAL	690 ft	70 ft	-620 ft
LTBU	L04-Z	RW04	ICR11	862 ft	558 ft	-304 ft
LTBY	L09-Y	RW09	ESR02	3'117 ft	2'649 ft	-468 ft
LTBY	L09-Z	RW09	ESR02	3'117 ft	2'649 ft	-468 ft
LTBZ	L13-Z	RW13	ZFR12	3'706 ft	3'367 ft	-339 ft
LTBZ	L31-Y	RW31	IZF21	4'002 ft	3'377 ft	-625 ft
LTBZ	L31-Z	RW31	IZF21	4'002 ft	3'377 ft	-625 ft
LTCA	L25-Y	RW25	IEL15	3'449 ft	2'934 ft	-515 ft
LTCA	L25-Z	RW25	IEL15	3'450 ft	2'934 ft	-516 ft
LTCB	L28-Y	RW28	35ORI	924 ft	61 ft	-863 ft
LTCB	L28-Z	RW28	IOGR3	953 ft	61 ft	-892 ft
LTCC	L34	RW34	MM34	2'389 ft	2'226 ft	-163 ft
LTCD	L28-Z	RW28	ERN02	4'290 ft	3'810 ft	-480 ft
LTCE	L08LY	RW08L	46ERZ	6'411 ft	5'815 ft	-596 ft
LTCE	L08LZ	RW08L	46ERZ	6'411 ft	5'815 ft	-596 ft
LTCE	L26RZ	RW26R	IER15	6'273 ft	5'811 ft	-462 ft
LTCF	L06RZ	RW06R	IKA16	6'385 ft	5'923 ft	-462 ft
LTCG	L11-Y	RW11	D19GP	758 ft	152 ft	-606 ft
LTCG	L11-Z	RW11	D19GP	761 ft	152 ft	-609 ft
LTCG	L29-Y	RW29	ITR31	710 ft	143 ft	-567 ft
LTCG	L29-Z	RW29	ITR31	710 ft	143 ft	-567 ft
LTCI	H03	RW03	MA03	5'748 ft	5'467 ft	-281 ft
LTCI	L03	RW03	VAN16	5'896 ft	5'467 ft	-429 ft
LTCJ	L02-X	RW02	IBA16	2'322 ft	1'859 ft	-463 ft
LTCJ	L02-Y	RW02	IBA16	2'318 ft	1'859 ft	-459 ft
LTCJ	L02-Z	RW02	IBA16	2'318 ft	1'859 ft	-459 ft
LTCK	L29RZ	RW29R	12IMU	4'574 ft	4'207 ft	-367 ft
LTCM	L23-Z	RW23	02SIN	465 ft	62 ft	-403 ft
LTCN	H07	RW07	MA07	1'948 ft	1'667 ft	-281 ft
LTCN	H25	RW25	MA25	2'040 ft	1'760 ft	-280 ft
LTCO	L16	RW16	DME29	5'864 ft	5'442 ft	-422 ft
LTCR	L03-Z	RW03	MRD02	1'994 ft	1'703 ft	-291 ft
LTCS	L04-Y	RW04	GAP29	3'099 ft	2'727 ft	-372 ft
LTCS	L04-Z	RW04	GAP29	3'099 ft	2'727 ft	-372 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LTCT	H12	RW12	MA12	3'432 ft	3'152 ft	-280 ft
LTCT	L12	RW12	19GDR	3'443 ft	3'152 ft	-291 ft
LTCT	L12-2	RW12	19GDR	3'443 ft	3'152 ft	-291 ft
LTCU	L11-Z	RW11	IBI22	4'257 ft	3'505 ft	-752 ft
LTCV	L11-Y	RW11	ISN14	2'484 ft	2'088 ft	-396 ft
LTCV	L11-Z	RW11	ISN14	2'484 ft	2'088 ft	-396 ft
LTCW	H11	RW11	MA11	6'418 ft	6'129 ft	-289 ft
LTCW	H29	RW29	MA29	6'419 ft	6'146 ft	-273 ft
LTDA	L04-Z	RW04	IHA11	632 ft	308 ft	-324 ft
LTFA	L17-U	RW17	IKL07	235 ft	63 ft	-172 ft
LTFA	L17-W	RW17	IKL07	235 ft	63 ft	-172 ft
LTFC	L05-Z	RW05	ISP35	3'500 ft	2'876 ft	-624 ft
LTFD	L05	RW05	33EDR	959 ft	87 ft	-872 ft
LTFE	H10L	RW10L	MA10	588 ft	60 ft	-528 ft
LTFE	L10LZ	RW10L	IBD23	807 ft	60 ft	-747 ft
LTFE	L28RW	RW28R	IGM13	550 ft	71 ft	-479 ft
LTFE	L28RX	RW28R	IGM13	550 ft	71 ft	-479 ft
LTFG	H08	RW08	MA08	421 ft	102 ft	-319 ft
LTFG	L08	RW08	GZP25	676 ft	102 ft	-574 ft
LTFH	L13-T	RW13	MM13	238 ft	58 ft	-180 ft
LTFH	L13-V	RW13	MM13	246 ft	58 ft	-188 ft
LTFH	L13-X	RW13	MM13	245 ft	58 ft	-187 ft
LTFH	L13-Z	RW13	MM13	246 ft	58 ft	-188 ft
LTFJ	L06-Y	RW06	ISA18	983 ft	343 ft	-640 ft
LTFJ	L06-Z	RW06	ISA18	983 ft	343 ft	-640 ft
LTFJ	L24-Y	RW24	MM24	542 ft	354 ft	-188 ft
LTFJ	L24-Z	RW24	MM24	542 ft	354 ft	-188 ft
LTFM	H16R	RW16R	MA16R	700 ft	269 ft	-431 ft
LTFM	H17L	RW17L	MA17L	672 ft	252 ft	-420 ft
LTFM	H18	RW18	MA18	720 ft	271 ft	-449 ft
LTFM	L16R	RW16R	06UHL	718 ft	269 ft	-449 ft
LTFM	L17L	RW17L	08UHM	704 ft	252 ft	-452 ft
LTFM	L18	RW18	UHN	665 ft	271 ft	-394 ft
LTFM	L34L	RW34L	48UHL	1'000 ft	375 ft	-625 ft
LTFM	L35R	RW35R	UHM48	994 ft	360 ft	-634 ft
LTFM	L36	RW36	UHN49	999 ft	359 ft	-640 ft

**LU**

LUKK	L08	RW08	IRG09	678 ft	449 ft	-229 ft
LUKK	L26	RW26	ILD11	653 ft	330 ft	-323 ft

**LY**

LYBE	L12	RW12	MM12	557 ft	367 ft	-190 ft
LYBE	L30	RW30	MM30	574 ft	383 ft	-191 ft
LYBT	L12L	RW12L	PZ	500 ft	315 ft	-185 ft
LYKV	H13	RW13	KV13M	1'083 ft	743 ft	-340 ft
LYKV	H13-F	RW13	KV13M	1'083 ft	743 ft	-340 ft
LYNI	H29-Z	RW29	FTP29	719 ft	703 ft	-16 ft
LYNI	L29-Y	RW29	YNI13	1'119 ft	698 ft	-421 ft
LYNI	L29-Z	RW29	YNI13	1'119 ft	698 ft	-421 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LYPG	L36-Y	RW36	POD29	336 ft	135 ft	-201 ft
LYPG	L36-Z	RW36	POD29	339 ft	135 ft	-204 ft
LYTV	L32-Y	RW32	TIV3	1'139 ft	66 ft	-1'073 ft
LYTV	L32-Z	RW32	TIV3	1'139 ft	66 ft	-1'073 ft

### LZ

LZIB	L22	RW22	MM22	663 ft	482 ft	-181 ft
LZIB	L31	RW31	B	665 ft	484 ft	-181 ft
LZKZ	L01	RW01	MM01	953 ft	789 ft	-164 ft
LZPP	L01	RW01	PNY	749 ft	586 ft	-163 ft
LZSL	L36	RW36	MB36	1'273 ft	1'065 ft	-208 ft
LZTT	L27	RW27	PPD25	2'753 ft	2'329 ft	-424 ft
LZZI	L06	RW06	Z	1'250 ft	1'059 ft	-191 ft

### MD

MDSD	L17	RW17	ICDO6	280 ft	91 ft	-189 ft
MDST	L11	RW11	IDST6	806 ft	615 ft	-191 ft

### MG

MGGT	L02-Y	RW02	IAA07	5'099 ft	4'929 ft	-170 ft
MGGT	L02-Z	RW02	IAA07	5'099 ft	4'929 ft	-170 ft
MGMM	L11-W	RW11	IAMM7	616 ft	457 ft	-159 ft
MGMM	L11-X	RW11	IAMM7	616 ft	457 ft	-159 ft
MGMM	L11-Y	RW11	IAMM7	617 ft	457 ft	-160 ft
MGMM	L11-Z	RW11	IAMM7	617 ft	457 ft	-160 ft

### MH

MHLC	H07	RW07	LC034	806 ft	89 ft	-717 ft
MHLM	L22-Y	RW22	ML22	148 ft	134 ft	-14 ft
MHLM	L22-Z	RW22	ML22	148 ft	134 ft	-14 ft

### MK

MKJS	L07	RW07	ISI25	376 ft	54 ft	-322 ft
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### MM

MMAA	L10-1	RW10	ACA02	546 ft	62 ft	-484 ft
MMAA	L10-2	RW10	ACA02	546 ft	62 ft	-484 ft
MMCB	H21	RW21	CB904	4'647 ft	4'350 ft	-297 ft
MMCU	H18L	RW18L	CU550	4'776 ft	4'455 ft	-321 ft
MMSL	H29	RW29	SL700	1'183 ft	660 ft	-523 ft
MMTJ	H09	RW09	TJ420	653 ft	547 ft	-106 ft
MMTJ	H27	RW27	TJ405	757 ft	516 ft	-241 ft
MMUN	H12L2	RW12L	UN531	195 ft	82 ft	-113 ft
MMUN	H12R2	RW12R	UN542	179 ft	73 ft	-106 ft
MMUN	H30L2	RW30L	UN632	225 ft	69 ft	-156 ft
MMUN	H30R2	RW30R	UN622	305 ft	68 ft	-237 ft
MMUN	L12L1	RW12L	NCP02	181 ft	72 ft	-109 ft
MMUN	L12L2	RW12L	NCP02	181 ft	72 ft	-109 ft
MMUN	L12L4	RW12L	NCP02	182 ft	72 ft	-110 ft
MMUN	L12R1	RW12R	25CUN	172 ft	70 ft	-102 ft
MMUN	L12R2	RW12R	25CUN	172 ft	70 ft	-102 ft
MMUN	L12R4	RW12R	25CUN	172 ft	70 ft	-102 ft

### MN

MNCE	R03	RW03	MAPT	799 ft	95 ft	-704 ft
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Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
MNMG	L10	RW10	IMGA7	415 ft	243 ft	-172 ft
MNMG	L10-1	RW10	IMGA7	412 ft	243 ft	-169 ft
MNMG	L10-2	RW10	IMGA7	410 ft	243 ft	-167 ft
<b>MP</b>						
MPPA	H36	RW36	ZERUL	389 ft	70 ft	-319 ft
MPTO	L03R	RW03R	MM03R	239 ft	71 ft	-168 ft
MPTO	L03RY	RW03R	MM03R	239 ft	71 ft	-168 ft
MPTO	R03L	RW03L	MIGOR	466 ft	104 ft	-362 ft
MPTO	R21R	RW21R	OSAVI	425 ft	184 ft	-241 ft
<b>MR</b>						
MRLB	L07	RW07	LIB16	603 ft	299 ft	-304 ft
MROC	H07	RW07	OC105	3'305 ft	2'990 ft	-315 ft
MROC	L07-Z	RW07	TIO	3'280 ft	2'990 ft	-290 ft
<b>MS</b>						
MSLP	L25-W	RW25	09CAT	302 ft	151 ft	-151 ft
MSLP	L25-X	RW25	09CAT	302 ft	151 ft	-151 ft
MSLP	L25-Y	RW25	09CAT	302 ft	151 ft	-151 ft
MSLP	L25-Z	RW25	09CAT	302 ft	151 ft	-151 ft
<b>MT</b>						
MTPP	L10-Y	RW10	IMG01	393 ft	133 ft	-260 ft
MTPP	L10-Z	RW10	IMG01	393 ft	133 ft	-260 ft
<b>MU</b>						
MUCU	H28	RW28	MAP28	537 ft	296 ft	-241 ft
MUHG	L05	RW05	01IHG	346 ft	329 ft	-17 ft
<b>NC</b>						
NCAI	R14	RW14	AI511	300 ft	70 ft	-230 ft
NCAI	R32	RW32	AI804	296 ft	65 ft	-231 ft
NCRG	L08	RW08	INO25	865 ft	69 ft	-796 ft
NCRG	L26	RW26	IAV25	860 ft	64 ft	-796 ft
NCRG	R08-X	RW08	RG405	801 ft	69 ft	-732 ft
NCRG	R08-Y	RW08	RG403	865 ft	69 ft	-796 ft
<b>NF</b>						
NFFN	H02	RW02	FNNMS	316 ft	76 ft	-240 ft
NFFN	L02	RW02	IFN10	342 ft	76 ft	-266 ft
NFNA	H10	RW10	FNAW	153 ft	67 ft	-86 ft
NFNL	H13	RW13	NL436	398 ft	80 ft	-318 ft
NFNR	H07	RW07	FRM07	368 ft	83 ft	-285 ft
<b>NL</b>						
NLWF	R25	RW25	MWF25	671 ft	66 ft	-605 ft
<b>NS</b>						
NSFA	L08	RW08	IAP01	369 ft	108 ft	-261 ft
NSMA	R08	RW08	MA602	377 ft	148 ft	-229 ft
NSTU	L05	RW05	TAMUE	212 ft	79 ft	-133 ft
<b>NT</b>						
NTAA	L04-X	RW04	TAF21	333 ft	55 ft	-278 ft
NTAA	L04-Y	RW04	TAF21	333 ft	55 ft	-278 ft
NTAA	L04-Z	RW04	TAF21	333 ft	55 ft	-278 ft
NTAR	H09	RW09	AR403	582 ft	77 ft	-505 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
NTAR	H27	RW27	AR404	834 ft	72 ft	-762 ft
NTAV	H06	RW06	AV403	892 ft	64 ft	-828 ft
NTAV	H24	RW24	AV404	351 ft	64 ft	-287 ft
NTMN	H02	RW02	MMN0	2'176 ft	1'507 ft	-669 ft
NTTB	H11-Y	RW11	MTB11	378 ft	60 ft	-318 ft
NTTB	H11-Z	RW11	MTB11	378 ft	60 ft	-318 ft
NTTH	H07	RW07	MTH07	382 ft	64 ft	-318 ft
NTTM	H12	RW12	MTM12	1'113 ft	63 ft	-1'050 ft
NTTP	H26	RW26	TP404	582 ft	72 ft	-510 ft
NTTR	H07	RW07	MTR07	597 ft	56 ft	-541 ft
NTTR	H25	RW25	MTR25	722 ft	56 ft	-666 ft

## NV

NVSA	R32	RW32	SA946	599 ft	138 ft	-461 ft
NVSF	R11	RW11	SF912	623 ft	101 ft	-522 ft
NVSP	R13	RW13	SP912	733 ft	78 ft	-655 ft
NVVV	L11	RW11	IBF25	567 ft	101 ft	-466 ft
NVVV	L11-N	RW11	IBF25	567 ft	101 ft	-466 ft
NVVV	R11	RW11	MA11	351 ft	101 ft	-250 ft
NVVV	R29	RW29	MA29	438 ft	120 ft	-318 ft
NVVW	R15	RW15	VW729	581 ft	61 ft	-520 ft
NVVW	R33	RW33	VW525	223 ft	69 ft	-154 ft

## NW

NWWD	H27	RW27	MWD2	968 ft	68 ft	-900 ft
NWWW	H11	RW11	MWW1	525 ft	79 ft	-446 ft
NWWW	H29	RW29	MWW2	472 ft	100 ft	-372 ft
NWWW	L11-T	RW11	LT08	265 ft	79 ft	-186 ft
NWWW	L11-U	RW11	LT08	265 ft	79 ft	-186 ft
NWWW	L11-V	RW11	LT08	265 ft	79 ft	-186 ft
NWWW	L11-W	RW11	LT08	265 ft	79 ft	-186 ft
NWWW	L11-X	RW11	LT08	265 ft	79 ft	-186 ft
NWWW	L11-Y	RW11	LT08	265 ft	79 ft	-186 ft
NWWW	L11-Z	RW11	LT08	265 ft	79 ft	-186 ft

## NZ

NZAA	L05R	RW05R	IAA01	321 ft	65 ft	-256 ft
NZAA	L05RE	RW05R	IAA01	321 ft	65 ft	-256 ft
NZAA	L05RW	RW05R	IAA01	477 ft	65 ft	-412 ft
NZAA	L23L	RW23L	05IMG	169 ft	73 ft	-96 ft
NZAA	L23LE	RW23L	IMG5	504 ft	73 ft	-431 ft
NZAA	L23LW	RW23L	05IMG	169 ft	73 ft	-96 ft
NZAP	R17	RW17	AP701	1'611 ft	1'385 ft	-226 ft
NZAP	R35	RW35	AP501	1'696 ft	1'374 ft	-322 ft
NZAR	R03	RW03	AR409	334 ft	157 ft	-177 ft
NZAR	R21-Q	RW21	AR401	449 ft	159 ft	-290 ft
NZAR	R21-R	RW21	AR401	449 ft	159 ft	-290 ft
NZCH	L02	RW02	ICH01	438 ft	183 ft	-255 ft
NZCH	L02-N	RW02	ICH01	438 ft	183 ft	-255 ft
NZCH	L02-S	RW02	ICH05	279 ft	183 ft	-96 ft
NZCH	L20	RW20	IHW01	415 ft	143 ft	-272 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
NZCH	L20-S	RW20	IHW01	415 ft	143 ft	-272 ft
NZDN	L03	RW03	IMN01	308 ft	53 ft	-255 ft
NZDN	L21	RW21	IDN01	316 ft	54 ft	-262 ft
NZGM	R01	RW01	GM483	600 ft	61 ft	-539 ft
NZHS	R01	RW01	MA01	135 ft	112 ft	-23 ft
NZHS	R19	RW19	MA19	118 ft	114 ft	-4 ft
NZKK	R15	RW15	MA15	685 ft	528 ft	-157 ft
NZKK	R33	RW33	MA33	696 ft	542 ft	-154 ft
NZKT	R12	RW12	MA12	591 ft	273 ft	-318 ft
NZKT	R30	RW30	MA30	561 ft	320 ft	-241 ft
NZMO	R26	RW26	MA26	1'208 ft	733 ft	-475 ft
NZMS	R06	RW06	MS818	645 ft	412 ft	-233 ft
NZNE	R03	RW03	MA03	507 ft	257 ft	-250 ft
NZNR	R16	RW16	MA16	297 ft	56 ft	-241 ft
NZNS	R02-Y	RW02	PATRU	497 ft	67 ft	-430 ft
NZNS	R02-Z	RW02	PATRU	497 ft	67 ft	-430 ft
NZOH	L09	RW09	R267A	468 ft	200 ft	-268 ft
NZOH	L27	RW27	IOH01	465 ft	198 ft	-267 ft
NZPP	R16	RW16	PP414	491 ft	69 ft	-422 ft
NZPP	R34	RW34	PP421	368 ft	65 ft	-303 ft
NZRC	R22	RW22	RC401	577 ft	323 ft	-254 ft
NZTK	R18-Y	RW18	TK407	449 ft	125 ft	-324 ft
NZTK	R18-Z	RW18	TK407	449 ft	125 ft	-324 ft
NZTU	R02	RW02	TU402	376 ft	136 ft	-240 ft
NZWB	R24	RW24	WB401	224 ft	130 ft	-94 ft
NZWF	R29	RW29	SAGEM	1'973 ft	1'170 ft	-803 ft
NZWN	L16	RW16	IEB02	622 ft	91 ft	-531 ft
NZWN	L34	RW34	IMP15	495 ft	74 ft	-421 ft
NZWN	R34-Z	RW34	WN403	500 ft	74 ft	-426 ft
NZWO	R34	RW34	WO411	702 ft	83 ft	-619 ft
NZWP	L03	RW03	IWI01	414 ft	153 ft	-261 ft
NZWP	L21-Y	RW21	IWP1	383 ft	109 ft	-274 ft
NZWP	L21-Z	RW21	IWP1	348 ft	109 ft	-239 ft
NZWR	R06	RW06	WR601	665 ft	183 ft	-482 ft

### OA

OAIX	L03R	RW03R	IMSIK	4'998 ft	4'918 ft	-80 ft
OAMS	L06	RW06	06ILS	1'465 ft	1'337 ft	-128 ft
OAMS	L24	RW24	ILS03	1'349 ft	1'317 ft	-32 ft

### OB

OBBI	L12L	RW12L	BIB15	479 ft	58 ft	-421 ft
OBBI	L12L	RW12L	BIB15	479 ft	58 ft	-421 ft
OBBI	L30R	RW30R	BIA15	479 ft	57 ft	-422 ft
OBBI	L30R	RW30R	BIA15	479 ft	57 ft	-422 ft
OBBS	L33R	RW33R	MM33	289 ft	79 ft	-210 ft
OBKH	L35	RW35	08IKH	320 ft	126 ft	-194 ft

### OE

OEAB	L13	RW13	ML13	7'044 ft	6'882 ft	-162 ft
OEAH	L34-Z	RW34	IHS05	728 ft	624 ft	-104 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
OEBA	L25	RW25	IBH02	5'448 ft	5'448 ft	ft
OEBH	L18	RW18	06ILS	4'065 ft	3'926 ft	-139 ft
OEBH	L18-R	RW18	BISA5	4'075 ft	3'926 ft	-149 ft
OEDF	L16L	RW16L	ML16L	373 ft	112 ft	-261 ft
OEDF	L16R	RW16R	ML16R	344 ft	101 ft	-243 ft
OEDF	L34L	RW34L	MA34L	427 ft	109 ft	-318 ft
OEDF	L34R	RW34R	ML34R	375 ft	125 ft	-250 ft
OEDM	L15	RW15	DAWA3	3'214 ft	3'062 ft	-152 ft
OEDR	L16L	RW16L	1IDHC	295 ft	134 ft	-161 ft
OEDR	L16R	RW16R	1IDHH	254 ft	118 ft	-136 ft
OEDR	L34L	RW34L	1IDHL	248 ft	114 ft	-134 ft
OEDR	L34R	RW34R	1IDHA	229 ft	98 ft	-131 ft
OEGN	L33	RW33	06IGZ	201 ft	72 ft	-129 ft
OEGN	L33-R	RW33	JAZA5	221 ft	72 ft	-149 ft
OEGS	L15	RW15	06ILS	2'326 ft	2'176 ft	-150 ft
OEGT	L28	RW28	ILS07	1'871 ft	1'703 ft	-168 ft
OEHL	L18	RW18	IHIL0	3'324 ft	3'315 ft	-9 ft
OEJN	L16C	RW16C	JDC05	176 ft	70 ft	-106 ft
OEJN	L16L	RW16L	DFJ05	187 ft	80 ft	-107 ft
OEJN	L16R	RW16R	JDD05	169 ft	64 ft	-105 ft
OEJN	L34C	RW34C	JDW05	184 ft	78 ft	-106 ft
OEJN	L34L	RW34L	JDL05	172 ft	66 ft	-106 ft
OEJN	L34R	RW34R	EAL05	195 ft	99 ft	-96 ft
OEKM	L14	RW14	07ILS	6'951 ft	6'783 ft	-168 ft
OEKM	L24	RW24	ML24	6'911 ft	6'745 ft	-166 ft
OEMA	L17	RW17	02NAH	2'190 ft	2'184 ft	-6 ft
OEMA	L35	RW35	02DIN	2'126 ft	2'113 ft	-13 ft
OENG	L06-Z	RW06	INEJ0	4'104 ft	4'032 ft	-72 ft
OENN	L15	RW15	02INE	67 ft	67 ft	ft
OENN	L33	RW33	09IKA	300 ft	74 ft	-226 ft
OEPA	L34	RW34	IHF02	1'235 ft	1'226 ft	-9 ft
OEPS	L17L	RW17L	ML17L	1'768 ft	1'635 ft	-133 ft
OEPS	L35L	RW35L	06D	1'799 ft	1'664 ft	-135 ft
OEPS	L35R	RW35R	ML35R	1'832 ft	1'701 ft	-131 ft
OERF	L29	RW29	RAF08	1'669 ft	1'520 ft	-149 ft
OERK	L15L	RW15L	IEL02	2'088 ft	2'087 ft	-1 ft
OERK	L15R	RW15R	ITI02	2'108 ft	2'103 ft	-5 ft
OERK	L33L	RW33L	IFA02	2'095 ft	2'087 ft	-8 ft
OERK	L33R	RW33R	IKI02	2'072 ft	2'066 ft	-6 ft
OERM	L34	RW34	MI34	205 ft	59 ft	-146 ft
OERR	L28-Z	RW28	IAAR0	1'863 ft	1'855 ft	-8 ft
OESH	L08-Y	RW08	ISH02	2'392 ft	2'386 ft	-6 ft
OESH	L08-Z	RW08	ISH02	2'392 ft	2'386 ft	-6 ft
OESK	L28-Y	RW28	AJF02	2'320 ft	2'310 ft	-10 ft
OESK	L28-Z	RW28	AJF02	2'320 ft	2'310 ft	-10 ft
OETB	L24	RW24	ML24	2'735 ft	2'601 ft	-134 ft
OETB	L31	RW31	06ILS	2'720 ft	2'589 ft	-131 ft
OETF	L25	RW25	ITIF7	4'947 ft	4'787 ft	-160 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
OETF	L35	RW35	ITAI6	4'955 ft	4'825 ft	-130 ft
OEWJ	L33-Z	RW33	IWE07	287 ft	116 ft	-171 ft
OEYN	L28	RW28	YEN23	103 ft	94 ft	-9 ft

## OI

OIAA	L32L1	RW32L	IABD6	199 ft	68 ft	-131 ft
OIAA	L32L2	RW32L	IABD6	199 ft	68 ft	-131 ft
OIAW	L30-1	RW30	IAWZ8	306 ft	109 ft	-197 ft
OIAW	L30-2	RW30	IAWZ8	306 ft	109 ft	-197 ft
OIAW	L30-3	RW30	IAWZ8	306 ft	109 ft	-197 ft
OIBB	L31R	RW31R	IBUZ6	257 ft	116 ft	-141 ft
OIBP	L31-1	RW31	ML31	232 ft	72 ft	-160 ft
OIBP	L31-2	RW31	ML31	232 ft	72 ft	-160 ft
OICS	L19	RW19	ISNJ1	4'943 ft	4'578 ft	-365 ft
OIFM	L25R1	RW25R	IFN08	5'261 ft	5'093 ft	-168 ft
OIFM	L25R2	RW25R	IFN08	5'261 ft	5'093 ft	-168 ft
OIFM	L25R3	RW25R	IFN08	5'261 ft	5'093 ft	-168 ft
OIFM	L25R4	RW25R	IFN08	5'261 ft	5'093 ft	-168 ft
OIFM	L25R5	RW25R	IFN08	5'261 ft	5'093 ft	-168 ft
OIFM	L25R6	RW25R	IFN08	5'261 ft	5'093 ft	-168 ft
OIGG	L27-1	RW27	09IRS	249 ft	21 ft	-228 ft
OIGG	L27-2	RW27	09IRS	249 ft	21 ft	-228 ft
OIIE	L29R	RW29R	7IIKA	3'477 ft	3'306 ft	-171 ft
OIII	L29L	RW29L	ITH07	4'046 ft	3'846 ft	-200 ft
OIII	L29R	RW29R	ITR09	4'111 ft	3'849 ft	-262 ft
OIKB	L21L	RW21L	08ILS	263 ft	72 ft	-191 ft
OIKB	L21L	RW21L	08ILS	263 ft	72 ft	-191 ft
OIKB	L21LN	RW21L	08ILS	263 ft	72 ft	-191 ft
OIMM	L31R1	RW31R	IMS08	3'504 ft	3'310 ft	-194 ft
OIMM	L31R2	RW31R	IMS08	3'504 ft	3'310 ft	-194 ft
OIMM	L31R3	RW31R	IMS08	3'504 ft	3'310 ft	-194 ft
OING	L13-1	RW13	IGG06	140 ft	-9 ft	-149 ft
OING	L13-2	RW13	IGG06	140 ft	-9 ft	-149 ft
OISS	L29L1	RW29L	ISYZ9	5'145 ft	4'920 ft	-225 ft
OISS	L29L1	RW29L	ISYZ1	5'177 ft	4'920 ft	-257 ft
OISS	L29L2	RW29L	ISYZ1	5'177 ft	4'920 ft	-257 ft
OISS	L29L3	RW29L	ISYZ9	5'145 ft	4'920 ft	-225 ft
OISS	L29L3	RW29L	ISYZ1	5'177 ft	4'920 ft	-257 ft
OITL	L15-3	RW15	6IARD	4'484 ft	4'346 ft	-138 ft
OITL	L33-1	RW33	07ILS	4'552 ft	4'353 ft	-199 ft
OITL	L33-2	RW33	07ILS	4'552 ft	4'353 ft	-199 ft
OITR	L21-1	RW21	UMH	4'480 ft	4'324 ft	-156 ft
OITR	L21-2	RW21	UMH	4'480 ft	4'324 ft	-156 ft
OITR	L21-3	RW21	07ILS	4'497 ft	4'324 ft	-173 ft
OIYY	L31	RW31	8IYZD	4'307 ft	4'104 ft	-203 ft

## OJ

OJAI	L26R	RW26R	AI612	2'604 ft	2'445 ft	-159 ft
OJAQ	L01	RW01	AQB	526 ft	225 ft	-301 ft
OJAQ	R19	RW19	AQ196	558 ft	163 ft	-395 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
OJMS	L26	RW26	KRSNA	1'878 ft	1'726 ft	-152 ft
OJMS	L31	RW31	ALNTT	1'839 ft	1'728 ft	-111 ft

### OK

OKAS	L12R	RW12R	GEXIV	580 ft	481 ft	-99 ft
OKAS	L30L	RW30L	ASB14	718 ft	518 ft	-200 ft
OKBK	L15LY	RW15L	IKIC1	385 ft	210 ft	-175 ft
OKBK	L15LZ	RW15L	IKIC1	385 ft	210 ft	-175 ft
OKBK	L15RY	RW15R	IKIB1	358 ft	183 ft	-175 ft
OKBK	L15RZ	RW15R	IKIB1	358 ft	183 ft	-175 ft
OKBK	L33LY	RW33L	IKIA1	416 ft	219 ft	-197 ft
OKBK	L33LZ	RW33L	IKIA1	416 ft	219 ft	-197 ft
OKBK	L33RY	RW33R	IKID1	454 ft	255 ft	-199 ft
OKBK	L33RZ	RW33R	IKID1	454 ft	255 ft	-199 ft

### OL

OLBA	L03	RW03	IKK2	677 ft	97 ft	-580 ft
OLBA	L16	RW16	IBB13	421 ft	62 ft	-359 ft
OLBA	L17	RW17	BIL08	330 ft	135 ft	-195 ft
OLBA	R03	RW03	BA405	636 ft	97 ft	-539 ft
OLBA	R16	RW16	BA414	423 ft	62 ft	-361 ft
OLBA	R17	RW17	BA421	310 ft	135 ft	-175 ft
OLBA	R21	RW21	BA419	735 ft	99 ft	-636 ft

### OM

OMAA	L13L	RW13L	05IAS	217 ft	112 ft	-105 ft
OMAA	L13R	RW13R	IAE08	332 ft	128 ft	-204 ft
OMAA	L31L	RW31L	07IAW	357 ft	133 ft	-224 ft
OMAA	L31R	RW31R	05IAN	226 ft	122 ft	-104 ft
OMAD	L31	RW31	IAT07	257 ft	63 ft	-194 ft
OMAL	L01-Y	RW01	ALA23	917 ft	915 ft	-2 ft
OMAL	L01-Z	RW01	ALA23	917 ft	915 ft	-2 ft
OMFJ	L29-W	RW29	FJ924	687 ft	99 ft	-588 ft
OMFJ	L29-X	RW29	FJ924	687 ft	99 ft	-588 ft
OMFJ	R29-Y	RW29	FJ924	696 ft	99 ft	-597 ft
OMRK	L34-Y	RW34	RAV	312 ft	144 ft	-168 ft
OMRK	L34-Z	RW34	RAV	312 ft	144 ft	-168 ft

### OO

OOMS	L08L	RW08L	IML12	406 ft	75 ft	-331 ft
OOMS	L26R	RW26R	IMR10	403 ft	69 ft	-334 ft
OOSA	L07	RW07	MAP07	461 ft	123 ft	-338 ft
OOSA	L25	RW25	SLL	346 ft	138 ft	-208 ft
OOH	L17	RW17	THT08	1'711 ft	1'511 ft	-200 ft

### OP

OPFA	L03LY	RW03L	IFA01	956 ft	638 ft	-318 ft
OPFA	L03LZ	RW03L	IFA01	956 ft	638 ft	-318 ft
OPIS	L10RY	RW10R	IBAP1	2'037 ft	1'782 ft	-255 ft
OPIS	L10RZ	RW10R	IBAP1	2'037 ft	1'782 ft	-255 ft
OPIS	L28LY	RW28L	IBBA1	2'066 ft	1'797 ft	-269 ft
OPIS	L28LZ	RW28L	IBBA1	2'066 ft	1'797 ft	-269 ft
OPIS	L28RY	RW28R	IBIP1	2'063 ft	1'800 ft	-263 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
OPIS	L28RZ	RW28R	IBIP1	2'063 ft	1'800 ft	-263 ft
OPKC	L25LY	RW25L	IQA06	279 ft	139 ft	-140 ft
OPKC	L25LZ	RW25L	IQA06	279 ft	139 ft	-140 ft
OPKC	L25RX	RW25R	MM25R	333 ft	150 ft	-183 ft
OPKC	L25RY	RW25R	MM25R	333 ft	150 ft	-183 ft
OPKC	L25RZ	RW25R	MM25R	333 ft	150 ft	-183 ft
OPLA	L36LY	RW36L	ILO01	1'074 ft	755 ft	-319 ft
OPLA	L36LZ	RW36L	ILO01	1'074 ft	755 ft	-319 ft
OPLA	L36RY	RW36R	01ILA	1'075 ft	756 ft	-319 ft
OPLA	L36RZ	RW36R	01ILA	1'074 ft	756 ft	-318 ft
OPMT	L36-Y	RW36	IMT01	710 ft	453 ft	-257 ft
OPMT	L36-Z	RW36	IMT01	710 ft	453 ft	-257 ft
OPPS	L35-Y	RW35	IBK8	1'517 ft	1'261 ft	-256 ft
OPPS	L35-Z	RW35	IBK8	1'517 ft	1'261 ft	-256 ft
OPQT	H13L	RW13L	QT401	5'754 ft	5'244 ft	-510 ft
OPQT	L13L	RW13L	1IUTA	5'515 ft	5'244 ft	-271 ft
OPQT	L13L	RW13L	1IUTA	5'515 ft	5'244 ft	-271 ft
OPQT	L13L	RW13L	1IUTA	5'515 ft	5'244 ft	-271 ft

**OR**

ORAA	L09L	RW09L	TARLO	805 ft	645 ft	-160 ft
ORAA	L27R	RW27R	ORSIL	770 ft	607 ft	-163 ft
ORBI	L15L	RW15L	UNICE	324 ft	163 ft	-161 ft
ORBI	L33R	RW33R	NELDE	329 ft	160 ft	-169 ft
ORBR	R13	RW13	RETUG	2'373 ft	2'077 ft	-296 ft
ORER	L18-Y	RW18	1IREA	1'630 ft	1'355 ft	-275 ft
ORER	L18-Z	RW18	1IREA	1'630 ft	1'355 ft	-275 ft
ORER	L36-Y	RW36	11ILS	1'711 ft	1'415 ft	-296 ft
ORER	L36-Z	RW36	11ILS	1'711 ft	1'415 ft	-296 ft
ORMM	L32	RW32	NIKAE	285 ft	65 ft	-220 ft
ORNI	L10	RW10	IAL10	434 ft	166 ft	-268 ft
ORNI	L28	RW28	INJF1	367 ft	142 ft	-225 ft
ORSU	R13	RW13	ORMA	2'834 ft	2'544 ft	-290 ft
ORSU	R31	RW31	RANKO	2'777 ft	2'492 ft	-285 ft

**OS**

OSAP	L27	RW27	8IALE	1'485 ft	1'307 ft	-178 ft
OSDI	L05R	RW05R	DAML9	2'301 ft	2'072 ft	-229 ft
OSDI	L05R2	RW05R	DAML9	2'301 ft	2'072 ft	-229 ft
OSDI	L23R	RW23R	IDA07	2'212 ft	2'045 ft	-167 ft
OSDI	L23R1	RW23R	IDA07	2'212 ft	2'045 ft	-167 ft
OSDI	L23R2	RW23R	IDA07	2'212 ft	2'045 ft	-167 ft
OSDI	L23R3	RW23R	IDA07	2'212 ft	2'045 ft	-167 ft
OSDI	L23R4	RW23R	IDA07	2'212 ft	2'045 ft	-167 ft
OSLK	L17R	RW17R	08IBA	394 ft	207 ft	-187 ft

**OT**

OTBD	H33	RW33	BD702	247 ft	77 ft	-170 ft
OTBD	L15	RW15	AMD08	321 ft	85 ft	-236 ft
OTBD	L33	RW33	IBD08	262 ft	77 ft	-185 ft
OTBH	L16L	RW16L	EGMUR	305 ft	177 ft	-128 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
OTBH	L16R	RW16R	OVIRI	331 ft	182 ft	-149 ft
OTBH	L34L	RW34L	UKIDI	303 ft	169 ft	-134 ft
OTBH	L34R	RW34R	RUDOP	322 ft	175 ft	-147 ft
OTBH	R34R	RW34R	SITOM	381 ft	203 ft	-178 ft
OTHH	L16L	RW16L	IDE12	381 ft	63 ft	-318 ft
OTHH	L16R	RW16R	QAT12	391 ft	63 ft	-328 ft
OTHH	L34L	RW34L	12HJJ	383 ft	63 ft	-320 ft
OTHH	L34R	RW34R	AZM12	381 ft	63 ft	-318 ft

## OY

OYAA	L08	RW08	KRL07	222 ft	56 ft	-166 ft
OYSN	L18	RW18	SAA	7'391 ft	7'218 ft	-173 ft
OYSY	H07	RW07	SY490	2'465 ft	2'147 ft	-318 ft

## PA

PABA	R07	RW07	JESOT	134 ft	93 ft	-41 ft
PABA	R25	RW25	CAGIX	123 ft	80 ft	-43 ft
PABI	R19	RW19	CUVRU	1'335 ft	1'276 ft	-59 ft
PABR	B26	RW26	VALSY	452 ft	89 ft	-363 ft
PABT	R02	RW02	WULPI	827 ft	671 ft	-156 ft
PABT	R20	RW20	LEVGE	856 ft	699 ft	-157 ft
PACD	B33	RW33	RIDOY	642 ft	148 ft	-494 ft
PACD	R26	RW26	ATELE	302 ft	145 ft	-157 ft
PACM	R28	RW28	CIDNI	125 ft	58 ft	-67 ft
PADG	R03	RW03	ZIHCE	1'317 ft	1'013 ft	-304 ft
PADK	L23-Y	RW23	ZUXUN	357 ft	70 ft	-287 ft
PADK	L23-Z	RW23	ZUXUN	354 ft	67 ft	-287 ft
PADK	R23	RW23	WAURI	895 ft	67 ft	-828 ft
PADL	L19	RW19	LOWES	336 ft	115 ft	-221 ft
PADM	R07	RW07	KRYYS	537 ft	123 ft	-414 ft
PADQ	L26-Y	RW26	REREE	762 ft	71 ft	-691 ft
PADQ	L26-Z	RW26	KUKLE	485 ft	71 ft	-414 ft
PADQ	R26	RW26	CADUL	580 ft	59 ft	-521 ft
PADU	R13	RW13	OWGI	1'571 ft	72 ft	-1'499 ft
PADU	R31	RW31	DAWK	1'658 ft	64 ft	-1'594 ft
PAED	L06-Y	RW06	EGKIL	425 ft	225 ft	-200 ft
PAED	L06-Z	RW06	EGKIL	425 ft	225 ft	-200 ft
PAEH	R15	RW15	CFKM	1'200 ft	497 ft	-703 ft
PAEI	L14	RW14	TABEE	734 ft	584 ft	-150 ft
PAEI	L32	RW32	PELDE	769 ft	598 ft	-171 ft
PAFS	R05	RW05	HILNO	656 ft	485 ft	-171 ft
PAFS	R23	RW23	RUKOY	657 ft	487 ft	-170 ft
PAGB	R14	RW14	POPSE	3'526 ft	2'698 ft	-828 ft
PAGL	R03	RW03	XELHU	320 ft	105 ft	-215 ft
PAGS	R29	RW29	ZONEX	291 ft	68 ft	-223 ft
PAGX	R17	RW17	UXSOJ	316 ft	133 ft	-183 ft
PAHC	R01	RW01	KESKE	203 ft	123 ft	-80 ft
PAHC	R19	RW19	NEYBI	204 ft	124 ft	-80 ft
PAHO	B22	RW22	NIGKI	333 ft	129 ft	-204 ft
PAHO	R04-Y	RW04	DIDCU	312 ft	121 ft	-191 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
PAHO	R22-Y	RW22	WUPU	288 ft	130 ft	-158 ft
PAHP	R13	RW13	YOCUT	223 ft	64 ft	-159 ft
PAHP	R31	RW31	ZUPAR	222 ft	63 ft	-159 ft
PAHV	R15	RW15	CRONY	1'489 ft	1'296 ft	-193 ft
PAIW	R18	RW18	DIDGE	325 ft	52 ft	-273 ft
PAIW	R36	RW36	ZUKES	208 ft	51 ft	-157 ft
PAJN	R08-T	RW08	ZULIL	1'274 ft	72 ft	-1'202 ft
PAJN	R08-V	RW08	MOLRE	785 ft	75 ft	-710 ft
PAKA	R31	RW31	CURUV	273 ft	80 ft	-193 ft
PAKK	R01	RW01	ZUTMU	476 ft	205 ft	-271 ft
PAKN	B30	RW30	WULAK	348 ft	118 ft	-230 ft
PAKV	R03	RW03	FIGED	384 ft	231 ft	-153 ft
PAKW	R02-Y	RW02	EXOFY	483 ft	75 ft	-408 ft
PAKW	R20	RW20	JOVAD	330 ft	120 ft	-210 ft
PAKX	R06R	RW06R	MIBDE	501 ft	331 ft	-170 ft
PALG	R06	RW06	ICALU	337 ft	102 ft	-235 ft
PALU	R27	RW27	DUKPE	487 ft	38 ft	-449 ft
PAMC	L16	RW16	JOROG	627 ft	375 ft	-252 ft
PAMC	R16	RW16	BEOOH	692 ft	375 ft	-317 ft
PAMD	R02	RW02	VIBBU	304 ft	145 ft	-159 ft
PAMD	R20	RW20	PIVIY	304 ft	145 ft	-159 ft
PAMH	R03	RW03	HILPA	864 ft	708 ft	-156 ft
PAMH	R21	RW21	KISLE	899 ft	715 ft	-184 ft
PAMK	R02	RW02	IBHAX	303 ft	143 ft	-160 ft
PAML	R18	RW18	MOKIE	608 ft	315 ft	-293 ft
PAML	R36	RW36	FIRBI	549 ft	315 ft	-234 ft
PANI	L11	RW11	ZUSEK	338 ft	147 ft	-191 ft
PANO	R02	RW02	IYAYA	712 ft	335 ft	-377 ft
PANU	R03	RW03	WATM	570 ft	413 ft	-157 ft
PANU	R21	RW21	PAYOR	613 ft	456 ft	-157 ft
PANV	R17	RW17	NOTIE	487 ft	325 ft	-162 ft
PANV	R35	RW35	SEMKE	494 ft	332 ft	-162 ft
PANW	R14	RW14	SUSOC	568 ft	406 ft	-162 ft
PANW	R32	RW32	CICGA	524 ft	362 ft	-162 ft
PAOB	R09	RW09	HUPGI	244 ft	185 ft	-59 ft
PAOB	R27	RW27	IKOCI	248 ft	183 ft	-65 ft
PAOM	B10	RW10	TOGGU	454 ft	57 ft	-397 ft
PAOO	R34	RW34	POCPI	558 ft	80 ft	-478 ft
PAOR	R05	RW05	ZUPAL	1'922 ft	1'758 ft	-164 ft
PAPE	R02	RW02	GEYED	142 ft	52 ft	-90 ft
PAPH	R06	RW06	ZUBMA	280 ft	121 ft	-159 ft
PAPH	R14	RW14	ZUDAL	265 ft	106 ft	-159 ft
PAPR	R01-Y	RW01	GIKDE	1'469 ft	1'131 ft	-338 ft
PAPR	R19	RW19	YURUG	1'503 ft	1'128 ft	-375 ft
PARC	R02	RW02	DEGEC	2'170 ft	2'122 ft	-48 ft
PARC	R20	RW20	HONIL	2'186 ft	2'137 ft	-49 ft
PARS	R36	RW36	DLLRA	316 ft	93 ft	-223 ft
PARY	R03	RW03	SOLCO	736 ft	698 ft	-38 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
PASA	R05	RW05	HUNTY	240 ft	99 ft	-141 ft
PASA	R23	RW23	OVIPE	248 ft	94 ft	-154 ft
PASC	B24	RW24	ZIMPO	379 ft	115 ft	-264 ft
PASD	R14-Y	RW14	HEVIL	302 ft	80 ft	-222 ft
PASD	R14-Z	RW14	ORPIE	263 ft	80 ft	-183 ft
PASI	R11	RW11	WEGW	233 ft	74 ft	-159 ft
PASK	R04	RW04	DEKYA	224 ft	62 ft	-162 ft
PASK	R22-Y	RW22	FALOP	214 ft	55 ft	-159 ft
PASK	R27	RW27	NINIY	215 ft	54 ft	-161 ft
PASM	L17	RW17	COPMI	488 ft	341 ft	-147 ft
PASN	B18	RW18	SPY19	340 ft	111 ft	-229 ft
PASV	R34	RW34	JIXIB	1'576 ft	1'417 ft	-159 ft
PASY	L28	RW28	JAKEG	337 ft	133 ft	-204 ft
PATA	R07	RW07	FISEP	345 ft	265 ft	-80 ft
PATC	R34	RW34	GLNCO	600 ft	282 ft	-318 ft
PATG	R03	RW03	UJXUW	215 ft	58 ft	-157 ft
PATG	R21	RW21	FEVKU	218 ft	58 ft	-160 ft
PATK	R19	RW19	WUVB	556 ft	400 ft	-156 ft
PATL	R35	RW35	CFDFX	1'021 ft	941 ft	-80 ft
PAUN	L15	RW15	HEGAN	84 ft	65 ft	-19 ft
PAUN	R33	RW33	AGSIH	230 ft	73 ft	-157 ft
PAUO	R13	RW13	KOTRE	391 ft	250 ft	-141 ft
PAUO	R31	RW31	PEDTI	452 ft	263 ft	-189 ft
PAUT	R09	RW09	UGWIX	315 ft	158 ft	-157 ft
PAVE	R04	RW04	TANPE	768 ft	611 ft	-157 ft
PAVE	R22	RW22	TODCO	770 ft	613 ft	-157 ft
PAVL	R12	RW12	PIBIY	181 ft	56 ft	-125 ft
PAVL	R30	RW30	WOTK	180 ft	58 ft	-122 ft
PAWG	R10	RW10	HITLI	825 ft	79 ft	-746 ft
PAYA	B29	RW29	LULIC	302 ft	85 ft	-217 ft
PAYA	L11	RW11	CEYAS	154 ft	90 ft	-64 ft
PFKK	R07	RW07	JUTOL	223 ft	158 ft	-65 ft
PFKK	R25	RW25	HOKLO	246 ft	161 ft	-85 ft
PFYU	R04	RW04	JIPAV	555 ft	492 ft	-63 ft
PFYU	R22	RW22	AGALE	524 ft	492 ft	-32 ft
PPIZ	R05	RW05	FIRDA	218 ft	64 ft	-154 ft
PPIZ	R23	RW23	HIRAN	207 ft	53 ft	-154 ft

## PG

PGUA	L06LZ	RW06L	KATNE	775 ft	589 ft	-186 ft
PGUA	L06RZ	RW06R	SULUE	767 ft	607 ft	-160 ft
PGUA	L24LZ	RW24L	ACUYU	858 ft	657 ft	-201 ft
PGUA	L24RZ	RW24R	INIME	878 ft	667 ft	-211 ft

## PH

PHHN	R08	RW08	UREAS	409 ft	128 ft	-281 ft
PHHN	R26	RW26	IHEPA	255 ft	93 ft	-162 ft
PHKO	B35	RW35	JENSO	319 ft	97 ft	-222 ft
PHLI	R17	RW17	CUBIG	307 ft	146 ft	-161 ft
PHLI	R21-Y	RW21	JABDI	459 ft	135 ft	-324 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
PHMU	R04	RW04	KUKUI	2'864 ft	2'707 ft	-157 ft
PHMU	R22	RW22	LUANA	2'873 ft	2'716 ft	-157 ft
PHNG	R22-Y	RW22	WARIB	385 ft	67 ft	-318 ft
PHNG	R22-Z	RW22	WARIB	385 ft	67 ft	-318 ft
PHNL	L04R	RW04R	FALOS	385 ft	63 ft	-322 ft
PHNL	R04L	RW04L	CEDRI	383 ft	60 ft	-323 ft
PHNL	R04RY	RW04R	FALOS	381 ft	63 ft	-318 ft
PHNY	L03	RW03	ZULBI	1'683 ft	1'357 ft	-326 ft
PHOG	R20	RW20	HUKLA	131 ft	69 ft	-62 ft

### PK

PKRO	R04	RW04	AWIJU	295 ft	53 ft	-242 ft
PKRO	R22	RW22	MOFH	214 ft	54 ft	-160 ft

### PT

PTKK	R04	RW04	HAMAX	755 ft	61 ft	-694 ft
PTPN	R27	RW27	EVUTY	599 ft	58 ft	-541 ft
PTSA	R05	RW05	MENLE	600 ft	61 ft	-539 ft
PTSA	R23	RW23	FIBTO	650 ft	62 ft	-588 ft

### RC

RCDC	L09	RW09	DC	540 ft	126 ft	-414 ft
RCKU	L18	RW18	IKU07	291 ft	125 ft	-166 ft
RCKU	L36	RW36	ICH02	137 ft	135 ft	-2 ft
RCMQ	L18	RW18	ITC06	840 ft	703 ft	-137 ft
RCMQ	L36	RW36	ICC06	840 ft	713 ft	-127 ft
RCNN	L18L	RW18L	ITN02	116 ft	113 ft	-3 ft
RCNN	L36R	RW36R	02ITN	84 ft	82 ft	-2 ft
RCQC	L02	RW02	IMK02	155 ft	153 ft	-2 ft
RCQC	L20	RW20	IMZ09	328 ft	96 ft	-232 ft
RCSS	H28	RW28	VANES	344 ft	64 ft	-280 ft
RCSS	L10	RW10	ITS04	126 ft	63 ft	-63 ft
RCYU	L03	RW03	IHUA2	98 ft	94 ft	-4 ft

### RJ

RJAA	L16LX	RW16L	ITM07	344 ft	185 ft	-159 ft
RJAA	L16LY	RW16L	ITM07	344 ft	185 ft	-159 ft
RJAA	L16R	RW16R	07IKF	340 ft	180 ft	-160 ft
RJAA	L34L	RW34L	IYQ06	317 ft	189 ft	-128 ft
RJAA	L34R	RW34R	08ITJ	386 ft	191 ft	-195 ft
RJAH	L03RW	RW03R	IHY7	307 ft	161 ft	-146 ft
RJAH	L03RX	RW03R	IHY7	307 ft	161 ft	-146 ft
RJAH	L03RY	RW03R	IHY7	307 ft	161 ft	-146 ft
RJAH	L03RZ	RW03R	IHY7	307 ft	161 ft	-146 ft
RJAN	R11	RW11	AN151	553 ft	139 ft	-414 ft
RJAN	R29	RW29	AN951	556 ft	142 ft	-414 ft
RJAZ	R11	RW11	AZ151	901 ft	487 ft	-414 ft
RJAZ	R29	RW29	AZ951	935 ft	521 ft	-414 ft
RJBB	L06LY	RW06L	IKJ06	197 ft	65 ft	-132 ft
RJBB	L06LZ	RW06L	IKJ06	195 ft	65 ft	-130 ft
RJBB	L06RY	RW06R	IKD06	220 ft	55 ft	-165 ft
RJBB	L06RZ	RW06R	IKD06	218 ft	55 ft	-163 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RJBB	L24LY	RW24L	IKN7	220 ft	63 ft	-157 ft
RJBB	L24LZ	RW24L	IKN7	220 ft	63 ft	-157 ft
RJBB	L24RY	RW24R	IKW07	235 ft	73 ft	-162 ft
RJBB	L24RZ	RW24R	IKW07	235 ft	73 ft	-162 ft
RJBB	R06L	RW06L	B6L50	228 ft	69 ft	-159 ft
RJBB	R06R	RW06R	B6R51	335 ft	59 ft	-276 ft
RJBB	R24L	RW24L	B4L50	244 ft	68 ft	-176 ft
RJBB	R24R	RW24R	B4R70	396 ft	77 ft	-319 ft
RJBD	L15	RW15	INK2	666 ft	348 ft	-318 ft
RJBD	R33	RW33	BD354	565 ft	324 ft	-241 ft
RJBE	L09	RW09	IKO06	205 ft	73 ft	-132 ft
RJBT	L01	RW01	ITH15	890 ft	634 ft	-256 ft
RJCB	L35-Y	RW35	IOB6	688 ft	559 ft	-129 ft
RJCB	L35-Z	RW35	IOB6	684 ft	555 ft	-129 ft
RJCC	L01LY	RW01L	ICN07	276 ft	112 ft	-164 ft
RJCC	L01LZ	RW01L	ICN07	271 ft	112 ft	-159 ft
RJCC	L01RY	RW01R	08ICH	304 ft	107 ft	-197 ft
RJCC	L01RZ	RW01R	08ICH	299 ft	107 ft	-192 ft
RJCC	L19LY	RW19L	ICM06	286 ft	127 ft	-159 ft
RJCC	L19LZ	RW19L	ICM06	286 ft	127 ft	-159 ft
RJCC	L19RW	RW19R	ICS08	329 ft	132 ft	-197 ft
RJCC	L19RX	RW19R	ICS08	328 ft	132 ft	-196 ft
RJCC	L19RY	RW19R	ICS08	329 ft	132 ft	-197 ft
RJCC	L19RZ	RW19R	ICS08	323 ft	132 ft	-191 ft
RJCH	L12-Y	RW12	IHL07	303 ft	142 ft	-161 ft
RJCH	L12-Z	RW12	IHL07	303 ft	142 ft	-161 ft
RJCH	R30-Z	RW30	CH060	442 ft	201 ft	-241 ft
RJCJ	L36R	RW36R	ZYT	323 ft	135 ft	-188 ft
RJCK	L17	RW17	IKS8	564 ft	373 ft	-191 ft
RJCM	L18-Y	RW18	ITB06	311 ft	152 ft	-159 ft
RJCM	L18-Z	RW18	ITB06	311 ft	152 ft	-159 ft
RJCM	L36	RW36	IHM08	376 ft	185 ft	-191 ft
RJCN	L08-Y	RW08	INS07	449 ft	283 ft	-166 ft
RJCN	L08-Z	RW08	INS07	449 ft	283 ft	-166 ft
RJCW	L08	RW08	IWK07	232 ft	73 ft	-159 ft
RJDA	R31-X	RW31	DZ152	667 ft	380 ft	-287 ft
RJDA	R31-Z	RW31	DZ151	485 ft	370 ft	-115 ft
RJDC	L07	RW07	IUB7	232 ft	73 ft	-159 ft
RJDT	L32-Y	RW32	IVC18	455 ft	232 ft	-223 ft
RJDT	L32-Z	RW32	IVC18	455 ft	232 ft	-223 ft
RJEB	L32	RW32	IMV07	283 ft	122 ft	-161 ft
RJEC	L34-Y	RW34	IAW7	938 ft	771 ft	-167 ft
RJEC	L34-Z	RW34	IAW7	938 ft	771 ft	-167 ft
RJER	L25	RW25	IRS16	321 ft	162 ft	-159 ft
RJFE	L03	RW03	IFU19	496 ft	273 ft	-223 ft
RJFE	L21-Y	RW21	IFE13	583 ft	323 ft	-260 ft
RJFE	L21-Z	RW21	IFE13	583 ft	323 ft	-260 ft
RJFE	R03	RW03	FE352	687 ft	273 ft	-414 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RJFE	R21	RW21	FE152	737 ft	323 ft	-414 ft
RJFF	L16	RW16	IFO09	288 ft	65 ft	-223 ft
RJFF	L34	RW34	IFF06	241 ft	82 ft	-159 ft
RJFG	L31	RW31	ITN07	980 ft	808 ft	-172 ft
RJFK	L34-Y	RW34	06IKG	1'036 ft	909 ft	-127 ft
RJFK	L34-Z	RW34	06IKG	1'036 ft	909 ft	-127 ft
RJFM	L27-Y	RW27	IMZ06	210 ft	75 ft	-135 ft
RJFM	L27-Z	RW27	IMZ06	204 ft	71 ft	-133 ft
RJFN	L28	RW28	ZZT13	505 ft	285 ft	-220 ft
RJFN	L28-1	RW28	ZZT13	508 ft	285 ft	-223 ft
RJFN	L28-2	RW28	ZZT13	505 ft	285 ft	-220 ft
RJFO	L01-X	RW01	ITF06	203 ft	69 ft	-134 ft
RJFO	L01-Y	RW01	ITF06	203 ft	69 ft	-134 ft
RJFR	L18-Y	RW18	IKQ08	263 ft	72 ft	-191 ft
RJFR	L18-Z	RW18	IKQ08	263 ft	72 ft	-191 ft
RJFS	L29	RW29	ISG06	190 ft	56 ft	-134 ft
RJFT	L07	RW07	IKU6	778 ft	651 ft	-127 ft
RJFU	L32-Y	RW32	IOL06	198 ft	65 ft	-133 ft
RJFU	L32-Z	RW32	IOL06	198 ft	65 ft	-133 ft
RJFY	L26LW	RW26L	MM26	390 ft	237 ft	-153 ft
RJFY	L26LX	RW26L	JAT18	460 ft	237 ft	-223 ft
RJFY	L26LY	RW26L	JAT18	460 ft	237 ft	-223 ft
RJFY	L26LZ	RW26L	JAT18	461 ft	237 ft	-224 ft
RJGG	L18-X	RW18	ICY7	233 ft	65 ft	-168 ft
RJGG	L18-Y	RW18	ICY7	241 ft	65 ft	-176 ft
RJGG	L18-Z	RW18	ICY7	233 ft	65 ft	-168 ft
RJGG	L36-Y	RW36	ICX6	194 ft	65 ft	-129 ft
RJGG	L36-Z	RW36	ICX6	192 ft	65 ft	-127 ft
RJKA	L03-Y	RW03	IAM8	265 ft	77 ft	-188 ft
RJKA	L03-Z	RW03	IAM8	265 ft	77 ft	-188 ft
RJKI	R07	RW07	KI772	389 ft	71 ft	-318 ft
RJKI	R25	RW25	KI552	309 ft	68 ft	-241 ft
RJKN	L19-Y	RW19	ITK06	79 ft	64 ft	-15 ft
RJNA	L34-Y	RW34	IKC06	228 ft	100 ft	-128 ft
RJNA	L34-Z	RW34	IKC06	228 ft	100 ft	-128 ft
RJNK	L06-Y	RW06	IKM07	250 ft	88 ft	-162 ft
RJNK	L06-Z	RW06	IKM07	250 ft	88 ft	-162 ft
RJNO	L08-Y	RW08	IOA19	557 ft	303 ft	-254 ft
RJNO	L08-Z	RW08	IOA19	557 ft	303 ft	-254 ft
RJNO	R08	RW08	NO851	462 ft	303 ft	-159 ft
RJNO	R26	RW26	NO652	736 ft	322 ft	-414 ft
RJNS	L30-Y	RW30	ISZ6	590 ft	463 ft	-127 ft
RJNS	L30-Z	RW30	ISZ6	590 ft	463 ft	-127 ft
RJNT	L20-Y	RW20	ITO1	145 ft	113 ft	-32 ft
RJNT	L20-Z	RW20	ITO1	145 ft	113 ft	-32 ft
RJNW	L25-Y	RW25	INT06	881 ft	752 ft	-129 ft
RJNW	L25-Z	RW25	INT06	881 ft	752 ft	-129 ft
RJOA	L10	RW10	IHG06	1'250 ft	1'122 ft	-128 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RJOA	R28	RW28	OA850	1'435 ft	1'117 ft	-318 ft
RJOB	L07	RW07	IOY06	991 ft	856 ft	-135 ft
RJOC	L25-Y	RW25	IXZ15	157 ft	65 ft	-92 ft
RJOC	L25-Z	RW25	IXZ15	157 ft	65 ft	-92 ft
RJOC	R25	RW25	OC552	383 ft	65 ft	-318 ft
RJOH	L25-X	RW25	IYV06	197 ft	70 ft	-127 ft
RJOH	L25-Y	RW25	IYV06	197 ft	70 ft	-127 ft
RJOH	L25-Z	RW25	IYV06	197 ft	70 ft	-127 ft
RJOI	L02	RW02	ZSUZS	218 ft	60 ft	-158 ft
RJOK	L32-Y	RW32	IKR8	272 ft	68 ft	-204 ft
RJOK	L32-Z	RW32	IKR8	272 ft	68 ft	-204 ft
RJOM	L14-Y	RW14	IMP06	203 ft	75 ft	-128 ft
RJOM	L14-Z	RW14	IMP06	203 ft	75 ft	-128 ft
RJOO	L32L	RW32L	ISK06	241 ft	81 ft	-160 ft
RJOR	L10	RW10	ITR06	222 ft	79 ft	-143 ft
RJOS	L29-W	RW29	ITS7	246 ft	87 ft	-159 ft
RJOS	L29-X	RW29	ITS7	246 ft	87 ft	-159 ft
RJOS	L29-Y	RW29	ITS7	246 ft	87 ft	-159 ft
RJOS	L29-Z	RW29	ITS7	246 ft	87 ft	-159 ft
RJOT	L26-Y	RW26	IKT6	794 ft	636 ft	-158 ft
RJOT	L26-Z	RW26	IKT6	795 ft	636 ft	-159 ft
RJOW	L11	RW11	IWA6	361 ft	234 ft	-127 ft
RJSA	L24-Y	RW24	IMR07	873 ft	714 ft	-159 ft
RJSA	L24-Z	RW24	IMR07	873 ft	714 ft	-159 ft
RJSC	L01-Y	RW01	IYT08	594 ft	397 ft	-197 ft
RJSC	L01-Z	RW01	IYT08	594 ft	397 ft	-197 ft
RJSC	R19	RW19	SC953	715 ft	403 ft	-312 ft
RJSF	L01-Y	RW01	IFK06	1'378 ft	1'250 ft	-128 ft
RJSF	L01-Z	RW01	IFK06	1'378 ft	1'250 ft	-128 ft
RJSF	R19	RW19	SF951	1'323 ft	1'259 ft	-64 ft
RJSH	L25-X	RW25	IHE08	338 ft	147 ft	-191 ft
RJSH	L25-Y	RW25	IHE08	338 ft	147 ft	-191 ft
RJSH	L25-Z	RW25	IHE08	338 ft	147 ft	-191 ft
RJSI	L20-Y	RW20	IHP7	515 ft	348 ft	-167 ft
RJSI	L20-Z	RW20	IHP7	509 ft	348 ft	-161 ft
RJSK	L28-X	RW28	IUW07	523 ft	364 ft	-159 ft
RJSK	L28-Y	RW28	IUW07	525 ft	364 ft	-161 ft
RJSK	L28-Z	RW28	IUW07	523 ft	364 ft	-159 ft
RJSM	L10	RW10	OGAGE	319 ft	164 ft	-155 ft
RJSM	L28	RW28	JORJE	312 ft	144 ft	-168 ft
RJSN	L28-Y	RW28	INC21	260 ft	62 ft	-198 ft
RJSN	L28-Z	RW28	INC21	260 ft	62 ft	-198 ft
RJSR	L11-Y	RW11	IOD6	450 ft	309 ft	-141 ft
RJSR	L11-Z	RW11	IOD6	449 ft	309 ft	-140 ft
RJSS	L27-Y	RW27	ISD08	256 ft	65 ft	-191 ft
RJSS	L27-Z	RW27	ISD08	256 ft	65 ft	-191 ft
RJSY	L09-Y	RW09	IYS06	236 ft	109 ft	-127 ft
RJSY	L09-Z	RW09	IYS06	236 ft	109 ft	-127 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RJSY	L27	RW27	ISN08	146 ft	136 ft	-10 ft
RJTA	L01-Y	RW01	MM01	383 ft	223 ft	-160 ft
RJTA	L01-Z	RW01	MM01	383 ft	223 ft	-160 ft
RJTF	R35	RW35	TF550	428 ft	187 ft	-241 ft
RJTH	L26-Y	RW26	IHC8	369 ft	334 ft	-35 ft
RJTH	L26-Z	RW26	IHC8	369 ft	334 ft	-35 ft
RJTL	L19-Y	RW19	SHT01	325 ft	141 ft	-184 ft
RJTL	L19-Z	RW19	SHT01	325 ft	141 ft	-184 ft
RJTO	L03	RW03	IOS23	571 ft	188 ft	-383 ft
RJTT	L16L	RW16L	IOC06	228 ft	69 ft	-159 ft
RJTT	L16R	RW16R	ITA06	193 ft	66 ft	-127 ft
RJTT	L22	RW22	IAD6	213 ft	85 ft	-128 ft
RJTT	L23-Y	RW23	ITD11	393 ft	105 ft	-288 ft
RJTT	L23-Z	RW23	ITD11	411 ft	105 ft	-306 ft
RJTT	L34LX	RW34L	IHA6	195 ft	68 ft	-127 ft
RJTT	L34LY	RW34L	IHA6	195 ft	68 ft	-127 ft
RJTT	L34LZ	RW34L	IHA6	195 ft	68 ft	-127 ft
RJTT	L34RY	RW34R	ITC06	195 ft	70 ft	-125 ft
RJTT	L34RZ	RW34R	ITC06	195 ft	70 ft	-125 ft
RJTY	L18	RW18	TONNY	701 ft	513 ft	-188 ft
RJTY	L36	RW36	TEEJA	653 ft	466 ft	-187 ft
ROAH	L18R	RW18R	ION07	225 ft	66 ft	-159 ft
ROAH	L36LX	RW36L	IOW06	191 ft	64 ft	-127 ft
ROAH	L36LY	RW36L	IOW06	191 ft	64 ft	-127 ft
ROAH	L36LZ	RW36L	IOW06	191 ft	64 ft	-127 ft
ROAH	L36RX	RW36R	IOK09	283 ft	59 ft	-224 ft
ROAH	L36RY	RW36R	IOK09	283 ft	59 ft	-224 ft
ROAH	L36RZ	RW36R	IOK09	283 ft	59 ft	-224 ft
ROAH	R18L	RW18L	H8L50	245 ft	61 ft	-184 ft
ROAH	R18R	RW18R	H8R50	244 ft	68 ft	-176 ft
ROAH	R36R	RW36R	H6R51	178 ft	66 ft	-112 ft
RODN	L05L	RW05L	BOMDI	272 ft	113 ft	-159 ft
RODN	L23R	RW23R	APRAV	350 ft	179 ft	-171 ft
ROIG	L04-Y	RW04	IIG07	336 ft	176 ft	-160 ft
ROIG	L04-Z	RW04	IIG07	336 ft	176 ft	-160 ft
ROIG	R22-Z	RW22	IG250	574 ft	160 ft	-414 ft
ROKJ	L03	RW03	IKX15	163 ft	72 ft	-91 ft
ROMY	L22-Y	RW22	IMY06	334 ft	200 ft	-134 ft
ROMY	L22-Z	RW22	IMY06	334 ft	200 ft	-134 ft
RORS	L17-Y	RW17	ISB6	192 ft	65 ft	-127 ft
RORS	L17-Z	RW17	ISB6	192 ft	65 ft	-127 ft
RORS	R35	RW35	RS550	349 ft	108 ft	-241 ft
RORY	R14	RW14	RY451	276 ft	85 ft	-191 ft
ROYN	L26	RW26	IYN22	410 ft	92 ft	-318 ft
ROYN	R26	RW26	YN650	360 ft	92 ft	-268 ft

## RK

RKJB	L01-Y	RW01	IMU19	641 ft	83 ft	-558 ft
RKJB	L01-Z	RW01	IMU19	641 ft	83 ft	-558 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RKJB	L19-Y	RW19	IMA16	563 ft	101 ft	-462 ft
RKJB	L19-Z	RW19	IMA16	563 ft	101 ft	-462 ft
RKJJ	L04R	RW04R	MDG06	235 ft	94 ft	-141 ft
RKJJ	L22L	RW22L	IMD25	377 ft	97 ft	-280 ft
RKJK	L18	RW18	KUZ8	230 ft	67 ft	-163 ft
RKJK	L36	RW36	BEZEE	241 ft	77 ft	-164 ft
RKJY	L17-Y	RW17	IYS22	741 ft	79 ft	-662 ft
RKJY	L17-Z	RW17	IYS22	741 ft	79 ft	-662 ft
RKJY	L35-Y	RW35	22IYS	742 ft	81 ft	-661 ft
RKJY	L35-Z	RW35	22IYS	742 ft	81 ft	-661 ft
RKNW	H03	RW03	DUBAL	868 ft	385 ft	-483 ft
RKNW	H21	RW21	ANKEG	873 ft	390 ft	-483 ft
RKNW	L03-Y	RW03	IWNJ1	675 ft	381 ft	-294 ft
RKNW	L21	RW21	IWON1	679 ft	384 ft	-295 ft
RKNY	L33-Y	RW33	IYAN1	552 ft	277 ft	-275 ft
RKNY	L33-Z	RW33	IYAN1	552 ft	277 ft	-275 ft
RKPC	L07-Y	RW07	ICJ14	527 ft	137 ft	-390 ft
RKPC	L07-Z	RW07	ICJ14	527 ft	137 ft	-390 ft
RKPC	L25-Y	RW25	ICHE1	398 ft	126 ft	-272 ft
RKPC	L25-Z	RW25	ICHE1	398 ft	126 ft	-272 ft
RKPD	L01	RW01	IJD17	1'650 ft	1'152 ft	-498 ft
RKPK	L36LY	RW36L	IKM07	237 ft	79 ft	-158 ft
RKPK	L36LZ	RW36L	IKM07	238 ft	79 ft	-159 ft
RKPK	L36RY	RW36R	IKHE7	247 ft	82 ft	-165 ft
RKPK	L36RZ	RW36R	KHE07	244 ft	82 ft	-162 ft
RKPS	L06L	RW06L	GAFOA	228 ft	79 ft	-149 ft
RKPS	L24R	RW24R	CHANO	358 ft	75 ft	-283 ft
RKPU	H18-Y	RW18	IGMEL	973 ft	92 ft	-881 ft
RKPU	L36-Y	RW36	IUL13	445 ft	78 ft	-367 ft
RKPU	L36-Z	RW36	IUL13	445 ft	78 ft	-367 ft
RKSI	L15LY	RW15L	ISLL1	337 ft	73 ft	-264 ft
RKSI	L15LZ	RW15L	ISLL1	339 ft	73 ft	-266 ft
RKSI	L15RY	RW15R	ISRR1	343 ft	73 ft	-270 ft
RKSI	L15RZ	RW15R	ISRR1	345 ft	73 ft	-272 ft
RKSI	L16L	RW16L	IRK11	374 ft	73 ft	-301 ft
RKSI	L16R	RW16R	IRF11	375 ft	73 ft	-302 ft
RKSI	L33L	RW33L	INL10	346 ft	73 ft	-273 ft
RKSI	L33R	RW33R	INRR1	346 ft	73 ft	-273 ft
RKSI	L34L	RW34L	IRFN1	340 ft	73 ft	-267 ft
RKSI	L34R	RW34R	IRKN1	341 ft	73 ft	-268 ft
RKSM	H01	RW01	UNVET	481 ft	127 ft	-354 ft
RKSM	H02	RW02	WADIO	461 ft	143 ft	-318 ft
RKSM	H19	RW19	MILOO	614 ft	118 ft	-496 ft
RKSM	H20	RW20	MILOO	614 ft	118 ft	-496 ft
RKSM	L19-Y	RW19	ISUL2	233 ft	121 ft	-112 ft
RKSM	L19-Z	RW19	ISUL2	233 ft	121 ft	-112 ft
RKSM	L20-Y	RW20	ISOL1	385 ft	117 ft	-268 ft
RKSM	L20-Z	RW20	ISOL1	385 ft	117 ft	-268 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RKSO	H09L	RW09L	CASPR	257 ft	88 ft	-169 ft
RKSO	L09L	RW09L	CASPR	261 ft	88 ft	-173 ft
RKSO	L27R	RW27R	ZOBES	245 ft	93 ft	-152 ft
RKSO	R09R	RW09R	VOKOT	249 ft	85 ft	-164 ft
RKSS	L14LY	RW14L	ISE08	290 ft	88 ft	-202 ft
RKSS	L14LZ	RW14L	ISE08	290 ft	88 ft	-202 ft
RKSS	L14R	RW14R	IOF08	289 ft	84 ft	-205 ft
RKSS	L32L	RW32L	IKMO1	361 ft	91 ft	-270 ft
RKSS	L32R	RW32R	ISKP1	361 ft	92 ft	-269 ft
RKTH	L10	RW10	IKP23	468 ft	126 ft	-342 ft
RKTL	L17-Y	RW17	IUJS2	809 ft	225 ft	-584 ft
RKTL	L17-Z	RW17	IUJS2	809 ft	225 ft	-584 ft
RKTL	L35-Y	RW35	IUJ13	579 ft	208 ft	-371 ft
RKTL	L35-Z	RW35	IUJ13	579 ft	208 ft	-371 ft
RKTN	L13R	RW13R	ITG6	307 ft	167 ft	-140 ft
RKTN	L31L	RW31L	ITA03	208 ft	175 ft	-33 ft
RKTN	L31R	RW31R	IDA18	227 ft	184 ft	-43 ft
RKTU	L06LY	RW06L	06ICH	352 ft	214 ft	-138 ft
RKTU	L06LZ	RW06L	06ICH	354 ft	214 ft	-140 ft
RKTU	L24RY	RW24R	ICHG6	370 ft	244 ft	-126 ft
RKTU	L24RZ	RW24R	ICHG6	370 ft	244 ft	-126 ft

## RP

RPLB	H07-Y	RW07	LB549	116 ft	91 ft	-25 ft
RPLB	H07-Z	RW07	LB545	380 ft	91 ft	-289 ft
RPLC	L02	RW02	ICA07	707 ft	515 ft	-192 ft
RPLC	L20	RW20	ICK08	646 ft	442 ft	-204 ft
RPLL	L06	RW06	IML83	277 ft	66 ft	-211 ft
RPLL	L24	RW24	IMA92	347 ft	125 ft	-222 ft
RPMD	L05	RW05	IDAO1	399 ft	140 ft	-259 ft
RPMD	L23	RW23	IDV96	400 ft	143 ft	-257 ft
RPMR	L17	RW17	IGS23	1'242 ft	552 ft	-690 ft
RPMY	L27	RW27	ILGD7	405 ft	239 ft	-166 ft
RPSP	L21	RW21	IBO06	228 ft	93 ft	-135 ft
RPVB	L03	RW03	MM03	295 ft	136 ft	-159 ft
RPVP	L27	RW27	IPR07	244 ft	74 ft	-170 ft

## SA

SAAP	L20-1	RW20	PAR19	449 ft	284 ft	-165 ft
SAAP	L20-2	RW20	PAR19	449 ft	284 ft	-165 ft
SACO	L19-V	RW19	CB06	1'845 ft	1'654 ft	-191 ft
SACO	L19-W	RW19	CB06	1'845 ft	1'654 ft	-191 ft
SACO	L19-X	RW19	CB06	1'845 ft	1'654 ft	-191 ft
SACO	L19-Y	RW19	CB06	1'845 ft	1'654 ft	-191 ft
SACO	L19-Z	RW19	CB06	1'845 ft	1'654 ft	-191 ft
SADF	L05	RW05	FD06	257 ft	60 ft	-197 ft
SAEZ	L11-W	RW11	PC06	303 ft	112 ft	-191 ft
SAEZ	L11-X	RW11	PC06	303 ft	112 ft	-191 ft
SAEZ	L35-Y	RW35	EZ05	276 ft	117 ft	-159 ft
SAEZ	L35-Z	RW35	EZ05	276 ft	117 ft	-159 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
SANL	L21-1	RW21	LR09	1'690 ft	1'456 ft	-234 ft
SANL	L21-2	RW21	LR09	1'690 ft	1'456 ft	-234 ft
SANR	L01	RW01	RH07	1'133 ft	963 ft	-170 ft
SANU	L18	RW18	06SJ	2'185 ft	1'998 ft	-187 ft
SAOR	L06-1	RW06	MM06	1'826 ft	1'640 ft	-186 ft
SAOR	L06-2	RW06	MM06	1'826 ft	1'640 ft	-186 ft
SARF	L22	RW22	FS08	448 ft	244 ft	-204 ft
SARI	L31-Y	RW31	IG06	1'172 ft	966 ft	-206 ft
SARP	L19	RW19	PO06	584 ft	425 ft	-159 ft
SASA	L02-W	RW02	SA05	4'299 ft	4'139 ft	-160 ft
SASA	L02-X	RW02	SA05	4'299 ft	4'139 ft	-160 ft
SASA	L02-Y	RW02	SA05	4'299 ft	4'139 ft	-160 ft
SASA	L02-Z	RW02	SA05	4'299 ft	4'139 ft	-160 ft
SASJ	L34-Y	RW34	JU15	3'228 ft	2'953 ft	-275 ft
SAVE	H23-Y	RW23	VE070	3'270 ft	2'612 ft	-658 ft
SAVE	L23-Y	RW23	L	2'796 ft	2'613 ft	-183 ft
SAVE	L23-Z	RW23	L	2'796 ft	2'613 ft	-183 ft
SAWE	L26-Y	RW26	GR05	250 ft	93 ft	-157 ft
SAWE	L26-Z	RW26	GR05	250 ft	93 ft	-157 ft
SAWH	H25-Y	RW25	FTP	155 ft	121 ft	-34 ft
SAZB	H35R	RW35R	MUBU	615 ft	268 ft	-347 ft

## SB

SBBI	H36-Y	RW36	BI059	3'350 ft	3'109 ft	-241 ft
SBCN	H27	RW27	CN013	2'456 ft	2'297 ft	-159 ft
SBFI	L15-Y	RW15	FOZ	964 ft	782 ft	-182 ft
SBFI	R15-X	RW15	FI007	767 ft	782 ft	15 ft
SBFI	R15-Y	RW15	THR15	843 ft	782 ft	-61 ft
SBFI	R33-W	RW33	THR33	853 ft	836 ft	-17 ft
SBFN	H12	RW12	FN367	930 ft	234 ft	-696 ft
SBFN	H30	RW30	FN374	944 ft	208 ft	-736 ft
SBFZ	L13-Y	RW13	IFZ21	273 ft	132 ft	-141 ft
SBGL	H15-Z	RW15	GL028	385 ft	67 ft	-318 ft
SBGL	H28-Z	RW28	GL092	ft	78 ft	78 ft
SBIT	R36-Z	RW36	IT001	1'833 ft	1'674 ft	-159 ft
SBJD	H18-X	RW18	JD019	2'797 ft	2'479 ft	-318 ft
SBJD	H18-Z	RW18	JD019	2'797 ft	2'479 ft	-318 ft
SBJV	H15-Z	RW15	JV016	346 ft	65 ft	-281 ft
SBKG	L15-Z	RW15	IKG19	1'965 ft	1'658 ft	-307 ft
SBRJ	R02RC	RW02R	RJ223	950 ft	59 ft	-891 ft
SBRJ	R02RV	RW02R	RJ223	950 ft	59 ft	-891 ft
SBRJ	R02RY	RW02R	RJ034	1'200 ft	59 ft	-1'141 ft
SBST	H35-Z	RW35	ST001	344 ft	63 ft	-281 ft
SBTV	H15	RW15	TV002	578 ft	213 ft	-365 ft
SBYS	L02CY	RW02C	IYS18	2'193 ft	2'018 ft	-175 ft
SBYS	L02CZ	RW02C	IYS18	2'193 ft	2'018 ft	-175 ft
SDAG	H10	RW10	AG018	563 ft	53 ft	-510 ft
SNGI	H14-Z	RW14	GI008	2'444 ft	1'840 ft	-604 ft
SWII	H19	RW19	II006	740 ft	269 ft	-471 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>SC</b>						
SCAT	L17	RW17	IDA07	844 ft	670 ft	-174 ft
SCCF	R10-Y	RW10	CF008	7'699 ft	7'481 ft	-218 ft
SCCI	L25-X	RW25	INAS6	297 ft	162 ft	-135 ft
SCCI	L25-Y	RW25	INAS6	297 ft	162 ft	-135 ft
SCCI	L25-Z	RW25	INAS6	297 ft	162 ft	-135 ft
SCDA	L19	RW19	IIQQ1	433 ft	147 ft	-286 ft
SCDA	R19-Y	RW19	DA010	489 ft	152 ft	-337 ft
SCDA	R20-Y	RW20	DA010	703 ft	162 ft	-541 ft
SCEL	L17LX	RW17L	MM17L	1'799 ft	1'600 ft	-199 ft
SCEL	L17LY	RW17L	MM17L	1'799 ft	1'600 ft	-199 ft
SCEL	L17RY	RW17R	IMER6	1'760 ft	1'601 ft	-159 ft
SCFA	R01-Y	RW01	FA011	758 ft	427 ft	-331 ft
SCIE	L02-W	RW02	7ICEP	245 ft	76 ft	-169 ft
SCIE	L02-X	RW02	7ICEP	245 ft	76 ft	-169 ft
SCIP	L10-X	RW10	IPA13	529 ft	177 ft	-352 ft
SCIP	L10-Y	RW10	IPA13	529 ft	177 ft	-352 ft
SCIP	L10-Z	RW10	IPA13	529 ft	177 ft	-352 ft
SCIP	R10-Z	RW10	TEMAN	725 ft	177 ft	-548 ft
SCNT	R28	RW28	NT008	523 ft	268 ft	-255 ft
SCOV	R22	RW22	OV013	1'909 ft	1'176 ft	-733 ft
SCPQ	L35	RW35	IMC09	811 ft	578 ft	-233 ft
SCQP	L01-W	RW01	INIA1	572 ft	371 ft	-201 ft
SCQP	L01-Y	RW01	INIA1	572 ft	371 ft	-201 ft
SCTE	L35-Y	RW35	MON08	538 ft	344 ft	-194 ft
SCTE	L35-Z	RW35	MON08	538 ft	344 ft	-194 ft
SCVD	L35	RW35	IVL07	275 ft	104 ft	-171 ft
SCVI	R33	RW33	VI005	1'211 ft	991 ft	-220 ft
SCVM	L05	RW05	IVD16	728 ft	511 ft	-217 ft
SCVM	L05-W	RW05	VM006	714 ft	511 ft	-203 ft
SCVM	L05-X	RW05	IVD16	728 ft	511 ft	-217 ft
SCVM	L05-Y	RW05	IVD16	728 ft	511 ft	-217 ft
SCVM	L05-Z	RW05	IVD16	728 ft	511 ft	-217 ft
SCVM	R05-Y	RW05	VM007	742 ft	504 ft	-238 ft

**SE**

SECO	L16-X	RW16	ICC06	1'018 ft	882 ft	-136 ft
SECO	L16-Y	RW16	ICC06	1'018 ft	882 ft	-136 ft
SECO	L16-Z	RW16	ICC06	1'018 ft	882 ft	-136 ft
SECU	L24-Y	RW24	ILC11	8'634 ft	8'306 ft	-328 ft
SECU	L24-Z	RW24	ILC11	8'634 ft	8'306 ft	-328 ft
SEGS	L14-Y	RW14	ILB01	457 ft	195 ft	-262 ft
SEGS	L14-Z	RW14	ILB01	457 ft	195 ft	-262 ft
SEGU	L21-W	RW21	ILG09	284 ft	63 ft	-221 ft
SEGU	L21-X	RW21	ILG09	284 ft	63 ft	-221 ft
SEGU	L21-Y	RW21	ILG09	284 ft	63 ft	-221 ft
SEGU	L21-Z	RW21	ILG09	284 ft	63 ft	-221 ft
SEJD	L27-Z	RW27	ILJ13	1'625 ft	1'249 ft	-376 ft
SELT	L19-Y	RW19	ILA2	9'918 ft	9'242 ft	-676 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
SELT	L19-Z	RW19	ILA2	9'918 ft	9'242 ft	-676 ft
SEMT	L24-T	RW24	ML24	282 ft	98 ft	-184 ft
SEMT	L24-U	RW24	ML24	282 ft	98 ft	-184 ft
SEMT	L24-W	RW24	ILM76	282 ft	98 ft	-184 ft
SEMT	L24-X	RW24	ILM76	282 ft	98 ft	-184 ft
SEMT	L24-Y	RW24	ILM76	282 ft	98 ft	-184 ft
SENL	L06-Y	RW06	INL01	1'311 ft	1'033 ft	-278 ft
SENL	L06-Z	RW06	INL01	1'311 ft	1'033 ft	-278 ft
SEQM	L18-Y	RW18	IQN10	8'106 ft	7'826 ft	-280 ft
SEQM	L18-Z	RW18	IQN10	8'106 ft	7'826 ft	-280 ft
SEQM	L36-W	RW36	IQS04	8'045 ft	7'960 ft	-85 ft
SEQM	L36-X	RW36	IQS04	8'045 ft	7'960 ft	-85 ft
SEQM	L36-Y	RW36	IQS04	8'045 ft	7'960 ft	-85 ft
SEQM	L36-Z	RW36	IQS04	8'045 ft	7'960 ft	-85 ft
SERO	L07-Y	RW07	ISR07	247 ft	71 ft	-176 ft
SESA	L31-S	RW31	08ISA	255 ft	62 ft	-193 ft
SESA	L31-T	RW31	08ISA	255 ft	62 ft	-193 ft
SESA	L31-U	RW31	08ISA	255 ft	62 ft	-193 ft
SESA	L31-V	RW31	08ISA	255 ft	62 ft	-193 ft
SESA	L31-W	RW31	08ISA	255 ft	62 ft	-193 ft
SESA	L31-X	RW31	08ISA	255 ft	62 ft	-193 ft
SESA	L31-Y	RW31	08ISA	255 ft	62 ft	-193 ft
SESA	L31-Z	RW31	08ISA	255 ft	62 ft	-193 ft
SETN	L19-W	RW19	IES09	288 ft	70 ft	-218 ft
SETN	L19-Y	RW19	IES09	288 ft	70 ft	-218 ft
SETN	L19-Z	RW19	IES09	288 ft	70 ft	-218 ft

**SF**

EGYP	L28	RW28	IMP6	452 ft	247 ft	-205 ft
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**SG**

SGES	L23-F	RW23	MM23	1'019 ft	826 ft	-193 ft
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**SK**

SKAP	L28-Z	RW28	VVC10	1'412 ft	1'237 ft	-175 ft
SKAR	L20	RW20	11AXM	4'328 ft	4'019 ft	-309 ft
SKBQ	L05	RW05	BAQ55	485 ft	157 ft	-328 ft
SKIB	H32-Z	RW32	IB405	3'380 ft	2'996 ft	-384 ft
SKLM	H10	RW10	MAMP	634 ft	331 ft	-303 ft
SKLM	L10	RW10	ML10	580 ft	331 ft	-249 ft
SKLM	L10-Y	RW10	OPVAX	550 ft	331 ft	-219 ft
SKMD	R02-V	RW02	ISTAX	8'700 ft	4'972 ft	-3'728 ft
SKMD	R20-V	RW20	ISTAX	8'700 ft	4'938 ft	-3'762 ft
SKPE	H08-Z	RW08	PE400	5'051 ft	4'392 ft	-659 ft
SKPE	L08-Y	RW08	PE401	4'551 ft	4'392 ft	-159 ft
SKPE	L08-Z	RW08	IPE05	4'574 ft	4'392 ft	-182 ft
SKPQ	L19-W	RW19	PAL14	824 ft	612 ft	-212 ft
SKPQ	L19-Y	RW19	PAL14	824 ft	612 ft	-212 ft
SKPS	H02	RW02	THR02	6'116 ft	5'999 ft	-117 ft
SKPS	H20	RW20	THR20	5'912 ft	5'890 ft	-22 ft
SKPS	L20	RW20	PSO35	7'000 ft	5'890 ft	-1'110 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
SKTQ	H07	RW07	TQ711	1'039 ft	694 ft	-345 ft
SKTQ	H25	RW25	TQ705	1'046 ft	700 ft	-346 ft
SKTQ	L25-Y	RW25	12TQS	902 ft	700 ft	-202 ft
SKTQ	L25-Z	RW25	12TQS	902 ft	700 ft	-202 ft
SKUA	H07	RW07	UA705	799 ft	387 ft	-412 ft
SKUA	L07-Y	RW07	MDU22	578 ft	387 ft	-191 ft
SKUA	L07-Z	RW07	MDU22	578 ft	387 ft	-191 ft
SKUC	H29	RW29	PUPAX	753 ft	467 ft	-286 ft

## SL

SLAL	R36-Z	RW36	AL423	10'926 ft	10'225 ft	-701 ft
SLHI	R17-Y	RW17	HI873	1'184 ft	776 ft	-408 ft
SLLP	L10-V	RW10	PAZ	13'491 ft	13'161 ft	-330 ft
SLLP	L10-Y	RW10	PAZ	13'491 ft	13'161 ft	-330 ft
SLLP	L10-Z	RW10	PAZ	13'491 ft	13'161 ft	-330 ft
SLOR	R01-Z	RW01	OR974	12'530 ft	12'196 ft	-334 ft
SLRQ	R14-Y	RW14	UTLAS	953 ft	695 ft	-258 ft
SLVR	L34-U	RW34	ILV06	1'411 ft	1'274 ft	-137 ft
SLVR	L34-V	RW34	ILV06	1'411 ft	1'274 ft	-137 ft

## SM

SMJP	L11-Y	RW11	MM11	265 ft	106 ft	-159 ft
SMJP	L11-Z	RW11	MM11	265 ft	106 ft	-159 ft

## SO

SOCA	L08-X	RW08	CA09	293 ft	68 ft	-225 ft
SOCA	L08-Y	RW08	CA09	293 ft	68 ft	-225 ft
SOCA	L08-Z	RW08	CA09	293 ft	68 ft	-225 ft

## SP

SPHI	L19-V	RW19	IJAQ1	401 ft	147 ft	-254 ft
SPHI	L19-W	RW19	IJAQ1	401 ft	147 ft	-254 ft
SPHI	L19-X	RW19	IJAQ1	401 ft	147 ft	-254 ft
SPHY	L21	RW21	ML21	12'303 ft	11'756 ft	-547 ft
SPQU	L10	RW10	EQU	8'549 ft	8'320 ft	-229 ft
SPQU	L10	RW10	EQU	8'549 ft	8'320 ft	-229 ft
SPRU	L02	RW02	9IMDP	319 ft	96 ft	-223 ft
SPST	L35	RW35	IGDP2	1'014 ft	839 ft	-175 ft
SPTN	L02-Y	RW02	ICSR2	1'998 ft	1'425 ft	-573 ft
SPTN	L02-Y	RW02	ICSR2	1'998 ft	1'425 ft	-573 ft
SPTN	L02-Z	RW02	ICSR2	1'998 ft	1'425 ft	-573 ft
SPTN	L02-Z	RW02	ICSR2	1'998 ft	1'425 ft	-573 ft

## SU

SUDU	L21	RW21	MP	510 ft	355 ft	-155 ft
SUMU	L19	RW19	MIDUN	294 ft	101 ft	-193 ft
SUMU	L24	RW24	AR	287 ft	152 ft	-135 ft
SURV	R05	RW05	PUKAL	903 ft	709 ft	-194 ft

## SV

SVCS	H10-Y	RW10	PICUA	2'379 ft	2'196 ft	-183 ft
SVCS	H10-Z	RW10	PICUA	2'379 ft	2'196 ft	-183 ft
SVMC	L03L	RW03L	66IMA	429 ft	263 ft	-166 ft
SVMD	H07	RW07	UPORI	6'672 ft	4'848 ft	-1'824 ft



	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
	SVMG	L09	RW09	MTA02	279 ft	122 ft	-157 ft
	SVMI	H28-Y	RW28	MIDAK	360 ft	202 ft	-158 ft
	SVMI	H28-Z	RW28	MIDAK	360 ft	202 ft	-158 ft
	SVMI	L10	RW10	IMI07	452 ft	284 ft	-168 ft
	SVVG	L09	RW09	IEVG2	458 ft	283 ft	-175 ft
<b>SY</b>							
	SYCJ	L06-Y	RW06	ITM02	145 ft	138 ft	-7 ft
	SYCJ	L06-Z	RW06	ITM02	145 ft	138 ft	-7 ft
<b>TB</b>							
	TBPB	L09-Y	RW09	MM09	371 ft	219 ft	-152 ft
	TBPB	L09-Z	RW09	MM09	371 ft	219 ft	-152 ft
<b>TD</b>							
	TDPD	R27	RW27	MIVAS	621 ft	66 ft	-555 ft
<b>TF</b>							
	TFFF	L10-Y	RW10	FF14	442 ft	60 ft	-382 ft
	TFFF	L10-Z	RW10	FF14	442 ft	60 ft	-382 ft
	TFFR	H12-T	RW12	THR12	243 ft	54 ft	-189 ft
	TFFR	L12-X	RW12	PP1	342 ft	55 ft	-287 ft
	TFFR	L12-Y	RW12	PP1	342 ft	55 ft	-287 ft
	TFFR	L12-Z	RW12	PP1	342 ft	55 ft	-287 ft
<b>TG</b>							
	TGPY	R10	RW10	IMOXI	393 ft	75 ft	-318 ft
<b>TI</b>							
	TIIST	R10	RW10	LOGVY	707 ft	80 ft	-627 ft
<b>TJ</b>							
	TJPS	R12	RW12	CUVOP	246 ft	78 ft	-168 ft
	TJPS	R30	RW30	HOVIP	353 ft	72 ft	-281 ft
	TJSJ	L08	RW08	JONIB	326 ft	58 ft	-268 ft
	TJVQ	R09	RW09	MUNG	248 ft	77 ft	-171 ft
<b>TK</b>							
	TKPK	R25	RW25	RADAT	1'000 ft	210 ft	-790 ft
	TKPN	R10	RW10	ENEMI	962 ft	33 ft	-929 ft
	TKPN	R28	RW28	UKITO	526 ft	33 ft	-493 ft
<b>TL</b>							
	TLPC	R09	RW09	PUREX	547 ft	70 ft	-477 ft
<b>TN</b>							
	TNCA	H11	RW11	AMAVA	301 ft	62 ft	-239 ft
	TNCA	L11-Y	RW11	AMAVA	301 ft	62 ft	-239 ft
	TNCA	L11-Z	RW11	AMAVA	301 ft	62 ft	-239 ft
	TNCM	R10	RW10	MAPON	711 ft	62 ft	-649 ft
	TNCS	R12	RW12	CS100	1'350 ft	174 ft	-1'176 ft
	TNCS	R12-A	RW12	CS100	1'350 ft	174 ft	-1'176 ft
<b>TQ</b>							
	TQPF	H29	RW29	MA29	447 ft	128 ft	-319 ft
<b>TT</b>							
	TTTP	L10	RW10	2IPOS	210 ft	80 ft	-130 ft
<b>TV</b>							
	TVSA	R04	RW04	UKREK	504 ft	186 ft	-318 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
	TVSC	R13	RW13	GONET	443 ft	61 ft	-382 ft
<b>UA</b>							
	UAAA	L05L	RW05L	IMA11	2'605 ft	2'275 ft	-330 ft
	UAIT	L05	RW05	ML05	1'106 ft	963 ft	-143 ft
	UAIT	L23	RW23	TRK	1'246 ft	1'039 ft	-207 ft
	UAKK	L05	RW05	KRG32	1'975 ft	1'816 ft	-159 ft
	UAKK	L23	RW23	IKA05	1'962 ft	1'803 ft	-159 ft
	UATT	L30	RW30	ITU09	1'065 ft	790 ft	-275 ft
<b>UD</b>							
	UDSG	L02	RW02	GM	5'166 ft	4'991 ft	-175 ft
	UDYZ	L09	RW09	EREVA	2'943 ft	2'850 ft	-93 ft
<b>UE</b>							
	UEEE	R23L	RW23L	EE064	662 ft	364 ft	-298 ft
	UERP	L35-W	RW35	W	1'858 ft	1'692 ft	-166 ft
	UERP	L35-X	RW35	W	1'858 ft	1'692 ft	-166 ft
	UERP	L35-Y	RW35	W	1'858 ft	1'692 ft	-166 ft
	UERP	L35-Z	RW35	W	1'858 ft	1'692 ft	-166 ft
	UERR	L25-Y	RW25	DEM17	1'463 ft	1'211 ft	-252 ft
	UERR	L25-Z	RW25	DEM17	1'463 ft	1'211 ft	-252 ft
<b>UG</b>							
	UGKO	L07-Y	RW07	ML07	196 ft	183 ft	-13 ft
	UGKO	L07-Z	RW07	ML07	196 ft	183 ft	-13 ft
	UGKO	L25-Y	RW25	ML25	210 ft	210 ft	ft
	UGKO	L25-Z	RW25	ML25	210 ft	210 ft	ft
	UGSB	L13	RW13	ILU16	575 ft	67 ft	-508 ft
	UGSB	L13	RW13	ILU16	575 ft	67 ft	-508 ft
	UGTB	L31LY	RW31L	INA10	1'903 ft	1'563 ft	-340 ft
	UGTB	L31LZ	RW31L	INA10	1'903 ft	1'563 ft	-340 ft
<b>UH</b>							
	UHBB	H36	RW36	BB018	916 ft	688 ft	-228 ft
	UHBB	L36-X	RW36	IM36	850 ft	688 ft	-162 ft
	UHBB	L36-Y	RW36	IM36	850 ft	688 ft	-162 ft
	UHBB	L36-Z	RW36	IM36	850 ft	688 ft	-162 ft
	UHHH	L05LX	RW05L	B	452 ft	277 ft	-175 ft
	UHHH	L05LY	RW05L	B	452 ft	277 ft	-175 ft
	UHHH	L05LZ	RW05L	B	452 ft	277 ft	-175 ft
	UHHH	L05RX	RW05R	U	475 ft	278 ft	-197 ft
	UHHH	L05RY	RW05R	U	475 ft	278 ft	-197 ft
	UHHH	L05RZ	RW05R	U	475 ft	278 ft	-197 ft
	UHHH	L23LW	RW23L	H	477 ft	285 ft	-192 ft
	UHHH	L23LX	RW23L	HAB02	347 ft	285 ft	-62 ft
	UHHH	L23LY	RW23L	H	477 ft	285 ft	-192 ft
	UHHH	L23LZ	RW23L	H	477 ft	285 ft	-192 ft
	UHHH	L23RW	RW23R	B	ft	277 ft	277 ft
	UHHH	L23RX	RW23R	05IHW	416 ft	277 ft	-139 ft
	UHHH	L23RY	RW23R	05IHW	416 ft	277 ft	-139 ft
	UHOO	L03R	RW03R	BR	237 ft	91 ft	-146 ft
	UHSM	H01	RW01	SM017	1'100 ft	664 ft	-436 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
	UHSM	L01-W	RW01	B	794 ft	664 ft	-130 ft
	UHSM	L01-Y	RW01	MNW1	1'051 ft	664 ft	-387 ft
	UHTR	R05	RW05	UH009	700 ft	66 ft	-634 ft
<b>UI</b>							
	UIBB	R12	RW12	BB061	1'904 ft	1'656 ft	-248 ft
	UIIR	L14-Y	RW14	Z	1'773 ft	1'480 ft	-293 ft
	UIIR	L14-Z	RW14	Z	1'773 ft	1'480 ft	-293 ft
	UIIR	L32-Y	RW32	K	1'709 ft	1'487 ft	-222 ft
	UIIR	L32-Z	RW32	K	1'709 ft	1'487 ft	-222 ft
<b>UK</b>							
	UKDR	L18	RW18	RG	628 ft	456 ft	-172 ft
	UKDR	L36	RW36	ML36	665 ft	431 ft	-234 ft
	UKHH	L07	RW07	IHR09	788 ft	551 ft	-237 ft
	UKHH	L25	RW25	IHA08	764 ft	580 ft	-184 ft
	UKKK	L08	RW08	IKI04	701 ft	610 ft	-91 ft
	UKKK	L26	RW26	IKV04	720 ft	637 ft	-83 ft
	UKLL	L13	RW13	ILO09	1'357 ft	1'119 ft	-238 ft
	UKLL	L31	RW31	ILV10	1'370 ft	1'124 ft	-246 ft
	UKOO	L16	RW16	IOD04	305 ft	224 ft	-81 ft
	UKOO	L34	RW34	IOE04	297 ft	214 ft	-83 ft
	UKWW	L31	RW31	N	1'185 ft	1'020 ft	-165 ft
<b>UL</b>							
	ULAM	L24-W	RW24	R	303 ft	91 ft	-212 ft
	ULAM	L24-X	RW24	R	303 ft	91 ft	-212 ft
	ULAM	L24-Y	RW24	R	303 ft	91 ft	-212 ft
	ULAM	L24-Z	RW24	R	303 ft	91 ft	-212 ft
	ULMK	H29	RW29	MK007	770 ft	535 ft	-235 ft
	ULWC	L21-Y	RW21	F	591 ft	419 ft	-172 ft
	ULWC	L21-Z	RW21	F	591 ft	419 ft	-172 ft
<b>UM</b>							
	UMKK	L06-X	RW06	KRD15	267 ft	97 ft	-170 ft
	UMKK	L06-Y	RW06	KRD15	267 ft	97 ft	-170 ft
	UMKK	L06-Z	RW06	KRD15	267 ft	97 ft	-170 ft
<b>UN</b>							
	UNKL	R11	RW11	KL018	1'153 ft	997 ft	-156 ft
	UNKM	H29	RW29	KL056	1'044 ft	844 ft	-200 ft
	UNKY	H05	RW05	KY007	2'302 ft	2'171 ft	-131 ft
	UNKY	H23	RW23	KY010	2'394 ft	2'165 ft	-229 ft
	UNKY	L05-Y	RW05	KZL64	2'701 ft	2'172 ft	-529 ft
	UNKY	L05-Z	RW05	KZL64	2'701 ft	2'172 ft	-529 ft
	UNOO	H07	RW07	OO006	676 ft	361 ft	-315 ft
<b>UR</b>							
	URFF	L01	RW01	N	812 ft	648 ft	-164 ft
	URFF	L19	RW19	F	788 ft	628 ft	-160 ft
	URKK	L05RX	RW05R	KND	304 ft	163 ft	-141 ft
	URKK	L05RY	RW05R	KND	304 ft	163 ft	-141 ft
	URKK	L05RZ	RW05R	KR	336 ft	163 ft	-173 ft
	URML	L14-W	RW14	H	225 ft	50 ft	-175 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
URML	L14-X	RW14	H	225 ft	50 ft	-175 ft
URML	L14-Y	RW14	H	225 ft	50 ft	-175 ft
URML	L14-Z	RW14	H	225 ft	50 ft	-175 ft
URML	L32-W	RW32	S	243 ft	56 ft	-187 ft
URML	L32-X	RW32	S	243 ft	56 ft	-187 ft
URML	L32-Y	RW32	S	243 ft	56 ft	-187 ft
URML	L32-Z	RW32	S	243 ft	56 ft	-187 ft
URMM	L12-X	RW12	MNW0	1'568 ft	1'087 ft	-481 ft
URMM	L12-X	RW12	MNW0	1'568 ft	1'087 ft	-481 ft
URMM	L12-Y	RW12	MNW0	1'568 ft	1'087 ft	-481 ft
URMM	L12-Z	RW12	MNW0	1'568 ft	1'087 ft	-481 ft
URMM	L30-X	RW30	MNW2	1'111 ft	1'094 ft	-17 ft
URMM	L30-X	RW30	MNW2	1'111 ft	1'094 ft	-17 ft
URMM	L30-Y	RW30	MNW2	1'111 ft	1'094 ft	-17 ft
URMM	L30-Z	RW30	MNW2	1'111 ft	1'094 ft	-17 ft
URMN	H24	RW24	MN004	1'638 ft	1'428 ft	-210 ft
URMN	L24-Y	RW24	N	1'580 ft	1'428 ft	-152 ft
URMN	L24-Z	RW24	N	1'580 ft	1'428 ft	-152 ft
URMO	L09-Z	RW09	CH	1'854 ft	1'682 ft	-172 ft
URMO	L09-Z	RW09	CH	1'854 ft	1'682 ft	-172 ft
URMO	L27-Y	RW27	MA27	1'967 ft	1'723 ft	-244 ft
URMO	L27-Z	RW27	MA27	1'967 ft	1'723 ft	-244 ft
URMS	L09-V	RW09	S	1'457 ft	1'256 ft	-201 ft
URMS	L09-W	RW09	S	1'457 ft	1'256 ft	-201 ft
URMS	L09-X	RW09	SC	1'932 ft	1'256 ft	-676 ft
URMS	L09-Y	RW09	SC	1'932 ft	1'256 ft	-676 ft
URMT	L07-U	RW07	IOP05	1'722 ft	1'540 ft	-182 ft
URMT	L07-V	RW07	IOP05	1'722 ft	1'540 ft	-182 ft
URMT	L07-W	RW07	IOP05	1'722 ft	1'540 ft	-182 ft
URMT	L07-X	RW07	IOP05	1'722 ft	1'540 ft	-182 ft
URMT	L07-Y	RW07	IOP05	1'722 ft	1'540 ft	-182 ft
URMT	L25-U	RW25	IKT06	1'672 ft	1'488 ft	-184 ft
URMT	L25-V	RW25	IKT06	1'672 ft	1'488 ft	-184 ft
URMT	L25-W	RW25	IKT06	1'672 ft	1'488 ft	-184 ft
URMT	L25-X	RW25	IKT06	1'672 ft	1'488 ft	-184 ft
URMT	L25-Y	RW25	IKT06	1'672 ft	1'488 ft	-184 ft
URMT	L25-Z	RW25	IKT06	1'672 ft	1'488 ft	-184 ft
URSS	H02	RW02	SS020	707 ft	100 ft	-607 ft
URSS	H06	RW06	SS060	531 ft	89 ft	-442 ft
URSS	L02-X	RW02	ADL36	743 ft	102 ft	-641 ft
URSS	L02-Y	RW02	ADL36	743 ft	102 ft	-641 ft
URSS	L02-Z	RW02	ADL36	743 ft	102 ft	-641 ft
URSS	L06-X	RW06	ADL32	504 ft	95 ft	-409 ft
URSS	L06-Y	RW06	ADL32	504 ft	95 ft	-409 ft
URSS	L06-Z	RW06	ADL32	504 ft	95 ft	-409 ft

## US

USHQ	L16-Y	RW16	MM16	239 ft	121 ft	-118 ft
USHQ	L16-Z	RW16	MM16	239 ft	121 ft	-118 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
USII	L01-Y	RW01	M	794 ft	587 ft	-207 ft
USII	L01-Z	RW01	M	794 ft	587 ft	-207 ft
USII	L19-Y	RW19	L	740 ft	551 ft	-189 ft
USII	L19-Z	RW19	L	740 ft	551 ft	-189 ft
USNN	L03-W	RW03	J	361 ft	193 ft	-168 ft
USNN	L03-X	RW03	J	361 ft	193 ft	-168 ft
USNN	L03-Y	RW03	J	361 ft	193 ft	-168 ft
USNN	L03-Z	RW03	J	361 ft	193 ft	-168 ft
USNN	L21-W	RW21	N	423 ft	229 ft	-194 ft
USNN	L21-X	RW21	N	423 ft	229 ft	-194 ft
USNN	L21-Y	RW21	N	423 ft	229 ft	-194 ft
USNN	L21-Z	RW21	N	423 ft	229 ft	-194 ft
USRK	L17-Y	RW17	K	454 ft	270 ft	-184 ft
USRK	L17-Z	RW17	K	454 ft	270 ft	-184 ft
USRK	L35-Y	RW35	O	424 ft	267 ft	-157 ft
USRK	L35-Z	RW35	O	424 ft	267 ft	-157 ft
USRR	L07	RW07	G	407 ft	230 ft	-177 ft
USRR	L25	RW25	A	417 ft	244 ft	-173 ft
USTJ	L26-Y	RW26	ISE03	311 ft	208 ft	-103 ft
USTJ	L26-Z	RW26	ISE03	311 ft	208 ft	-103 ft
USUU	L02-X	RW02	R	483 ft	286 ft	-197 ft
USUU	L02-Z	RW02	R	483 ft	286 ft	-197 ft
USUU	L20-X	RW20	U	463 ft	283 ft	-180 ft
USUU	L20-Z	RW20	U	463 ft	283 ft	-180 ft

## UU

UUBP	L34-Y	RW34	MM34	836 ft	692 ft	-144 ft
UUBP	L34-Z	RW34	MM34	836 ft	692 ft	-144 ft
UJEE	L06C	RW06C	M	829 ft	670 ft	-159 ft
UJEE	L06R	RW06R	N	824 ft	669 ft	-155 ft
UJEE	L24C	RW24C	A	862 ft	672 ft	-190 ft
UJEE	L24L	RW24L	B	868 ft	671 ft	-197 ft
UJEE	L24R	RW24R	ER	786 ft	639 ft	-147 ft
UJYH	L18-X	RW18	D	642 ft	480 ft	-162 ft
UJYH	L18-Y	RW18	D	642 ft	480 ft	-162 ft
UJYH	L18-Z	RW18	D	642 ft	480 ft	-162 ft
UJYH	L36-X	RW36	B	679 ft	524 ft	-155 ft
UJYH	L36-Y	RW36	B	679 ft	524 ft	-155 ft
UJYH	L36-Z	RW36	B	679 ft	524 ft	-155 ft
UJYW	L08-Y	RW08	LMM08	832 ft	594 ft	-238 ft
UJYW	L08-Z	RW08	LMM08	832 ft	594 ft	-238 ft

## UW

UWGG	L18LX	RW18L	U	455 ft	308 ft	-147 ft
UWGG	L18LY	RW18L	U	455 ft	308 ft	-147 ft
UWGG	L18LZ	RW18L	U	455 ft	308 ft	-147 ft
UWGG	L36RX	RW36R	09STR	433 ft	312 ft	-121 ft
UWGG	L36RY	RW36R	09STR	433 ft	312 ft	-121 ft
UWGG	L36RZ	RW36R	09STR	433 ft	312 ft	-121 ft
UWKD	R11	RW11	KD004	632 ft	396 ft	-236 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
UWKE	L21-Y	RW21	K	845 ft	673 ft	-172 ft
UWKE	L21-Z	RW21	K	845 ft	673 ft	-172 ft
UWKS	L06	RW06	L	800 ft	617 ft	-183 ft
UWKS	L24	RW24	C	757 ft	575 ft	-182 ft
UWOO	L08-X	RW08	W	605 ft	434 ft	-171 ft
UWOO	L08-Y	RW08	W	605 ft	434 ft	-171 ft
UWOO	L08-Z	RW08	W	605 ft	434 ft	-171 ft
UWOO	L26-X	RW26	L	604 ft	434 ft	-170 ft
UWOO	L26-Y	RW26	L	604 ft	434 ft	-170 ft
UWOO	L26-Z	RW26	L	604 ft	434 ft	-170 ft
UWOR	L07-Y	RW07	S	1'162 ft	959 ft	-203 ft
UWOR	L25-X	RW25	O	1'084 ft	918 ft	-166 ft
UWPS	L20-Y	RW20	IGE05	872 ft	700 ft	-172 ft
UWPS	L20-Z	RW20	IGE05	872 ft	700 ft	-172 ft
UWSG	L08-X	RW08	ITW08	377 ft	138 ft	-239 ft
UWSG	L08-Y	RW08	ITW08	377 ft	138 ft	-239 ft
UWSG	L08-Z	RW08	ITW08	377 ft	138 ft	-239 ft
UWSG	L26-X	RW26	ITL07	377 ft	153 ft	-224 ft
UWSG	L26-Y	RW26	ITL07	377 ft	153 ft	-224 ft
UWSG	L26-Z	RW26	ITL07	377 ft	153 ft	-224 ft
UWUU	L14RY	RW14R	P	622 ft	422 ft	-200 ft
UWUU	L14RZ	RW14R	P	622 ft	422 ft	-200 ft
UWUU	L32LY	RW32L	N	701 ft	500 ft	-201 ft
UWUU	L32LZ	RW32L	N	701 ft	500 ft	-201 ft

## VA

VAAH	L23-Y	RW23	10AHD	506 ft	239 ft	-267 ft
VAAH	L23-Z	RW23	10AHD	506 ft	239 ft	-267 ft
VAAU	L27-Z	RW27	IAU01	2'206 ft	1'936 ft	-270 ft
VABB	L09	RW09	IBOM1	324 ft	66 ft	-258 ft
VABB	L14	RW14	BBY01	348 ft	90 ft	-258 ft
VABB	L27-Y	RW27	ISCZ1	334 ft	73 ft	-261 ft
VABB	L27-Z	RW27	ISCZ1	334 ft	73 ft	-261 ft
VABO	L22	RW22	IVDD1	445 ft	179 ft	-266 ft
VABP	L30-Z	RW30	IBP01	2'017 ft	1'762 ft	-255 ft
VABV	L25	RW25	IBHN1	327 ft	72 ft	-255 ft
VAID	L25-Z	RW25	IDR10	2'149 ft	1'889 ft	-260 ft
VANP	L32-Y	RW32	INGR1	1'313 ft	1'058 ft	-255 ft
VANP	L32-Z	RW32	INGR1	1'313 ft	1'058 ft	-255 ft
VAOZ	L27	RW27	IOZR1	2'245 ft	1'990 ft	-255 ft
VAPO	L28-Z	RW28	MI28	2'230 ft	1'975 ft	-255 ft
VARK	L23-Y	RW23	IRA01	747 ft	476 ft	-271 ft
VARK	L23-Z	RW23	IRA01	747 ft	476 ft	-271 ft
VASU	L22	RW22	ISUT1	327 ft	72 ft	-255 ft
VAUD	L26-Y	RW26	IUD1	1'983 ft	1'714 ft	-269 ft
VAUD	L26-Z	RW26	IUD1	1'983 ft	1'714 ft	-269 ft

## VC

VCBI	L04-Y	RW04	KAT	264 ft	75 ft	-189 ft
VCBI	L04-Z	RW04	KAT	264 ft	75 ft	-189 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VCBI	L22-Y	RW22	MM22	245 ft	77 ft	-168 ft
VCBI	L22-Z	RW22	MM22	245 ft	77 ft	-168 ft
VCRI	L23	RW23	MM23	381 ft	209 ft	-172 ft

## VD

VDSV	R21	RW21	KOS	166 ft	59 ft	-107 ft
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## VE

VEAB	L12-N	RW12	MM12	491 ft	369 ft	-122 ft
VEAB	L30-Z	RW30	IABD1	627 ft	369 ft	-258 ft
VEAT	L18-Y	RW18	IAGE1	364 ft	104 ft	-260 ft
VEAT	L18-Z	RW18	IAGE1	364 ft	104 ft	-260 ft
VEBD	L36-Y	RW36	IBGD1	710 ft	439 ft	-271 ft
VEBD	L36-Z	RW36	IBGD1	710 ft	439 ft	-271 ft
VEBN	L27-Z	RW27	VNS01	577 ft	318 ft	-259 ft
VEBS	L14	RW14	IBH01	424 ft	155 ft	-269 ft
VECC	L01R	RW01R	ICAL1	323 ft	68 ft	-255 ft
VECC	L19LY	RW19L	IDUM1	318 ft	68 ft	-250 ft
VECC	L19LZ	RW19L	IDUM1	318 ft	68 ft	-250 ft
VECC	L19R	RW19R	IOKL1	324 ft	67 ft	-257 ft
VEDG	L16	RW16	IDPR1	603 ft	348 ft	-255 ft
VEGK	L29-Y	RW29	IGOR1	565 ft	310 ft	-255 ft
VEGK	L29-Z	RW29	IGOR1	565 ft	310 ft	-255 ft
VEGT	L02-Z	RW02	IGHT1	505 ft	212 ft	-293 ft
VEGY	L28	RW28	IGYA1	689 ft	432 ft	-257 ft
VEIM	L04	RW04	IIP02	3'280 ft	2'588 ft	-692 ft
VEJH	L24	RW24	IJHR1	1'061 ft	806 ft	-255 ft
VEJT	L04-Y	RW04	IJHT1	615 ft	347 ft	-268 ft
VEJT	L04-Z	RW04	IJHT1	615 ft	347 ft	-268 ft
VEKO	L19	RW19	IKJ01	1'003 ft	741 ft	-262 ft
VEKU	L06	RW06	ISL05	480 ft	375 ft	-105 ft
VELP	L17	RW17	ILNP2	2'103 ft	1'434 ft	-669 ft
VEMN	L05-Y	RW05	IDI01	680 ft	405 ft	-275 ft
VEMN	L05-Z	RW05	IDI01	680 ft	405 ft	-275 ft
VEMR	L12	RW12	IDM01	816 ft	525 ft	-291 ft
VEPT	L25	RW25	PAT1	490 ft	225 ft	-265 ft
VERC	L31-Y	RW31	RAN01	2'381 ft	2'126 ft	-255 ft
VERC	L31-Z	RW31	RAN01	2'381 ft	2'126 ft	-255 ft
VERP	L24	RW24	IRAI1	1'339 ft	1'086 ft	-253 ft

## VH

VHHH	L07C	RW07C	IZS14	464 ft	72 ft	-392 ft
VHHH	L07R	RW07R	ISR01	342 ft	77 ft	-265 ft
VHHH	L25C	RW25C	ITF01	337 ft	72 ft	-265 ft
VHHH	L25L	RW25L	IFL01	342 ft	77 ft	-265 ft

## VI

VIAG	L05-Y	RW05	IARA1	855 ft	600 ft	-255 ft
VIAG	L05-Z	RW05	IARA1	855 ft	600 ft	-255 ft
VIAR	L34-Y	RW34	IAMR1	1'059 ft	806 ft	-253 ft
VIAR	L34-Z	RW34	IAMR1	1'059 ft	806 ft	-253 ft
VICG	L11-Y	RW11	CHD05	1'183 ft	1'078 ft	-105 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VICG	L11-Z	RW11	CHD05	1'186 ft	1'081 ft	-105 ft
VICG	L29-Y	RW29	ICDH5	1'174 ft	1'078 ft	-96 ft
VICG	L29-Z	RW29	ICDH5	1'174 ft	1'078 ft	-96 ft
VIDN	L08	RW08	IDUN1	2'089 ft	1'834 ft	-255 ft
VIDP	L09	RW09	IDIA1	1'024 ft	769 ft	-255 ft
VIDP	L10	RW10	IDEL1	1'026 ft	771 ft	-255 ft
VIDP	L11	RW11	IDMR1	1'028 ft	775 ft	-253 ft
VIDP	L27	RW27	DLH10	1'063 ft	802 ft	-261 ft
VIDP	L28	RW28	IPLM1	1'082 ft	828 ft	-254 ft
VIDP	L29	RW29	IDGM1	1'056 ft	802 ft	-254 ft
VIGR	L24LZ	RW24L	IGWL1	908 ft	653 ft	-255 ft
VIJO	L05-Y	RW05	IJDH1	1'010 ft	755 ft	-255 ft
VIJO	L05-Z	RW05	IJDH1	1'010 ft	755 ft	-255 ft
VIJP	L27-Y	RW27	IJIP1	1'550 ft	1'298 ft	-252 ft
VIJP	L27-Z	RW27	IJIP1	1'553 ft	1'298 ft	-255 ft
VIJU	L36-Y	RW36	1IJMU	1'255 ft	1'001 ft	-254 ft
VIJU	L36-Z	RW36	1IJMU	1'255 ft	1'001 ft	-254 ft
VILK	L27	RW27	ILUC1	718 ft	450 ft	-268 ft
VISR	L31	RW31	ISRN1	5'800 ft	5'535 ft	-265 ft

#### VL

VLLB	H05	RW05	NILUN	1'687 ft	1'019 ft	-668 ft
VLLB	H23	RW23	UPDED	2'107 ft	1'025 ft	-1'082 ft
VLLB	L23	RW23	LPB25	1'694 ft	1'025 ft	-669 ft
VLPS	L15	RW15	PAK25	811 ft	397 ft	-414 ft
VLSP	H05	RW05	NOLIT	1'230 ft	752 ft	-478 ft
VLVT	L13-1	RW13	IVT25	1'345 ft	616 ft	-729 ft
VLVT	L13-2	RW13	IVT25	1'345 ft	616 ft	-729 ft

#### VM

VMMC	H16-Y	RW16	MC508	959 ft	70 ft	-889 ft
VMMC	L16-X	RW16	MCS26	791 ft	70 ft	-721 ft
VMMC	L16-Y	RW16	26MCS	779 ft	70 ft	-709 ft
VMMC	L16-Z	RW16	26MCS	779 ft	70 ft	-709 ft
VMMC	L34-X	RW34	MCN4	134 ft	70 ft	-64 ft
VMMC	L34-Y	RW34	MCN4	136 ft	70 ft	-66 ft
VMMC	L34-Z	RW34	MCN4	134 ft	70 ft	-64 ft

#### VN

VNBW	H28	RW28	FTH28	ft	397 ft	397 ft
VNVT	H09	RW09	BRT	417 ft	292 ft	-125 ft

#### VO

VOBG	L27	RW27	IBLR1	3'214 ft	2'943 ft	-271 ft
VOBL	L09L	RW09L	IBAN1	3'307 ft	3'052 ft	-255 ft
VOBL	L09R	RW09R	IBLN1	3'278 ft	3'023 ft	-255 ft
VOBL	L27L	RW27L	IDVN1	3'269 ft	3'014 ft	-255 ft
VOBL	L27R	RW27R	IDEV1	3'224 ft	2'969 ft	-255 ft
VOBR	L08-Y	RW08	1IBID	2'451 ft	2'196 ft	-255 ft
VOBR	L08-Z	RW08	1IBID	2'451 ft	2'196 ft	-255 ft
VOBZ	L26-Z	RW26	IVJA1	360 ft	105 ft	-255 ft
VOCB	L23-Y	RW23	ICMB1	1'588 ft	1'327 ft	-261 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VOCB	L23-Z	RW23	ICMB1	1'591 ft	1'327 ft	-264 ft
VOCI	L09	RW09	ICNB1	333 ft	78 ft	-255 ft
VOCI	L27-X	RW27	CIL01	353 ft	80 ft	-273 ft
VOCI	L27-Y	RW27	CIL01	353 ft	80 ft	-273 ft
VOCI	L27-Z	RW27	CIL01	353 ft	80 ft	-273 ft
VOCL	L10-Z	RW10	ICL01	624 ft	365 ft	-259 ft
VOCL	L28-Z	RW28	02CAC	1'004 ft	376 ft	-628 ft
VOGO	L26-N	RW26	DAB01	499 ft	236 ft	-263 ft
VOGO	L26-V	RW26	DAB01	499 ft	236 ft	-263 ft
VOHB	L26	RW26	IHUB1	2'458 ft	2'203 ft	-255 ft
VOHS	L09R	RW09R	HBD10	2'302 ft	2'027 ft	-275 ft
VOHS	L27L	RW27L	ISAM1	2'340 ft	2'076 ft	-264 ft
VOHY	L27-Z	RW27	IHYD1	2'023 ft	1'768 ft	-255 ft
VOKN	L25	RW25	IKAN1	622 ft	367 ft	-255 ft
VOMD	L27	RW27	IMD1	734 ft	483 ft	-251 ft
VOML	L24-Y	RW24	IMNG1	618 ft	360 ft	-258 ft
VOML	L24-Z	RW24	IMNG1	618 ft	360 ft	-258 ft
VOMM	L07	RW07	IMAS1	348 ft	93 ft	-255 ft
VOMM	L25	RW25	ICHN1	357 ft	104 ft	-253 ft
VOPB	L04	RW04	IPBR2	337 ft	132 ft	-205 ft
VOTP	L26-Y	RW26	01ITP	655 ft	383 ft	-272 ft
VOTR	L27-Z	RW27	ITCY1	573 ft	318 ft	-255 ft
VOTV	L32	RW32	1ITDM	319 ft	66 ft	-253 ft
VOVZ	L28	RW28	IVS10	313 ft	63 ft	-250 ft

### VQ

VQPR	R15-X	RW15	PR708	9'858 ft	7'411 ft	-2'447 ft
VQPR	R15-Y	RW15	PR708	9'858 ft	7'411 ft	-2'447 ft
VQPR	R33-X	RW33	PR708	9'858 ft	7'359 ft	-2'499 ft
VQPR	R33-Y	RW33	PR708	9'858 ft	7'359 ft	-2'499 ft

### VR

VRMM	L36-Y	RW36	08IML	246 ft	55 ft	-191 ft
VRMM	L36-Z	RW36	08IML	246 ft	55 ft	-191 ft

### VT

VTBD	L03LY	RW03L	IBK45	805 ft	62 ft	-743 ft
VTBD	L21RY	RW21R	IBK12	385 ft	57 ft	-328 ft
VTBK	L21	RW21	ML21	273 ft	90 ft	-183 ft
VTBS	L01LY	RW01L	SWS33	420 ft	55 ft	-365 ft
VTBS	L01RY	RW01R	SES41	622 ft	54 ft	-568 ft
VTBS	L19LY	RW19L	ISEN4	595 ft	54 ft	-541 ft
VTBS	L19RY	RW19R	SWN36	500 ft	54 ft	-446 ft
VTCC	H36	RW36	CC361	1'630 ft	1'057 ft	-573 ft
VTCC	L36-Y	RW36	CC361	1'630 ft	1'057 ft	-573 ft
VTCC	L36-Z	RW36	CC361	1'630 ft	1'057 ft	-573 ft
VTCH	H11-A	RW11	ADMO	1'947 ft	915 ft	-1'032 ft
VTCL	L36	RW36	ILP26	1'339 ft	861 ft	-478 ft
VTCT	H03	RW03	CT033	1'330 ft	1'330 ft	ft
VTCT	H21	RW21	CT214	1'325 ft	1'325 ft	ft
VTCT	L03-Y	RW03	CT033	1'330 ft	1'330 ft	ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VTCT	L03-Z	RW03	CT033	1'330 ft	1'330 ft	ft
VTPH	H16	RW16	MR16	1'068 ft	112 ft	-956 ft
VTPI	L18-Y	RW18	PI001	327 ft	153 ft	-174 ft
VTPI	L18-Z	RW18	PI001	327 ft	153 ft	-174 ft
VTPI	R18	RW18	PI101	153 ft	153 ft	ft
VTPI	R36	RW36	PI360	115 ft	115 ft	ft
VTPM	H27	RW27	SURUN	1'378 ft	726 ft	-652 ft
VTSB	L22-Y	RW22	IST13	418 ft	68 ft	-350 ft
VTSB	L22-Z	RW22	IST13	418 ft	68 ft	-350 ft
VTSC	H02	RW02	MAP02	228 ft	68 ft	-160 ft
VTSF	H01	RW01	MAP01	445 ft	63 ft	-382 ft
VTSF	H19	RW19	MR19	445 ft	63 ft	-382 ft
VTSF	L19-Y	RW19	MR19	450 ft	63 ft	-387 ft
VTSF	L19-Z	RW19	MR19	450 ft	63 ft	-387 ft
VTSG	H32	RW32	SG001	619 ft	143 ft	-476 ft
VTSG	L32	RW32	ML32	620 ft	143 ft	-477 ft
VTSP	L27	RW27	MM27	307 ft	132 ft	-175 ft
VTSR	H02	RW02	UNNH	850 ft	86 ft	-764 ft
VTSR	L02	RW02	IRA21	720 ft	86 ft	-634 ft
VTSS	L26	RW26	IHT15	528 ft	108 ft	-420 ft
VTUD	H12	RW12	UD123	629 ft	629 ft	ft
VTUD	H30	RW30	UD304	629 ft	629 ft	ft
VTUD	L30-Y	RW30	UD304	629 ft	629 ft	ft
VTUD	L30-Z	RW30	UD304	629 ft	629 ft	ft
VTUI	L23	RW23	ISK23	825 ft	576 ft	-249 ft
VTUU	L23	RW23	IUB01	442 ft	442 ft	ft
VTUV	L36-Y	RW36	UV306	501 ft	501 ft	ft
VTUV	L36-Z	RW36	UV306	501 ft	501 ft	ft

## VV

VVBM	L09-V	RW09	IBM17	2'257 ft	1'761 ft	-496 ft
VVBM	L09-V	RW09	IBM17	2'257 ft	1'761 ft	-496 ft
VVBM	L09-W	RW09	IBM17	2'257 ft	1'761 ft	-496 ft
VVBM	L09-W	RW09	IBM17	2'257 ft	1'761 ft	-496 ft
VVBM	L09-X	RW09	IBM17	2'257 ft	1'761 ft	-496 ft
VVBM	L09-Y	RW09	IBM17	2'257 ft	1'761 ft	-496 ft
VVBM	L09-Z	RW09	IBM17	2'257 ft	1'761 ft	-496 ft
VVCA	L32	RW32	ICL25	817 ft	70 ft	-747 ft
VVCI	L07-V	RW07	13ICB	443 ft	58 ft	-385 ft
VVCI	L07-W	RW07	13ICB	443 ft	58 ft	-385 ft
VVCI	L07-X	RW07	13ICB	443 ft	58 ft	-385 ft
VVCI	L07-Y	RW07	13ICB	443 ft	58 ft	-385 ft
VVCI	L07-Z	RW07	13ICB	443 ft	58 ft	-385 ft
VVCR	H02LY	RW02L	MH02L	594 ft	70 ft	-524 ft
VVCR	H02LZ	RW02L	MH02L	594 ft	70 ft	-524 ft
VVCR	L02LX	RW02L	ICR23	874 ft	70 ft	-804 ft
VVCR	L02LY	RW02L	ICR22	837 ft	70 ft	-767 ft
VVCR	L02LZ	RW02L	ICR23	874 ft	70 ft	-804 ft
VVCR	L02RX	RW02R	ICX16	613 ft	69 ft	-544 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VVCR	L02RY	RW02R	ICX22	850 ft	65 ft	-785 ft
VVCR	L02RZ	RW02R	ICX16	613 ft	69 ft	-544 ft
VVCR	L20LX	RW20L	ICA20	665 ft	85 ft	-580 ft
VVCR	L20LY	RW20L	ICA20	665 ft	85 ft	-580 ft
VVCR	L20LZ	RW20L	ICA20	665 ft	85 ft	-580 ft
VVCS	H29-Y	RW29	CS610	758 ft	70 ft	-688 ft
VVCS	H29-Z	RW29	CS610	758 ft	70 ft	-688 ft
VVCT	L06	RW06	ICT14	454 ft	60 ft	-394 ft
VVDB	H34-Y	RW34	DB500	2'621 ft	1'622 ft	-999 ft
VVDB	H34-Z	RW34	DB500	2'621 ft	1'622 ft	-999 ft
VVDH	L29	RW29	IDH14	481 ft	86 ft	-395 ft
VVDH	L29	RW29	IDH14	481 ft	86 ft	-395 ft
VVDH	L29-Z	RW29	IDH14	481 ft	86 ft	-395 ft
VVDH	L29-Z	RW29	IDH14	481 ft	86 ft	-395 ft
VVDL	H09-Y	RW09	DL500	3'194 ft	3'098 ft	-96 ft
VVDL	H09-Z	RW09	DL500	3'194 ft	3'098 ft	-96 ft
VVDL	L09-W	RW09	ILK22	3'751 ft	3'098 ft	-653 ft
VVDL	L09-X	RW09	ILK22	3'753 ft	3'098 ft	-655 ft
VVDL	L09-Y	RW09	ILK22	3'751 ft	3'098 ft	-653 ft
VVDL	L09-Z	RW09	ILK22	3'751 ft	3'098 ft	-653 ft
VVDN	L35LW	RW35L	DAD17	552 ft	74 ft	-478 ft
VVDN	L35LX	RW35L	DAD17	556 ft	74 ft	-482 ft
VVDN	L35LY	RW35L	DAD17	552 ft	74 ft	-478 ft
VVDN	L35LZ	RW35L	DAD17	556 ft	74 ft	-482 ft
VVDN	L35RW	RW35R	IDR16	531 ft	79 ft	-452 ft
VVDN	L35RX	RW35R	IDR16	531 ft	79 ft	-452 ft
VVDN	L35RY	RW35R	IDR16	535 ft	83 ft	-452 ft
VVDN	L35RZ	RW35R	IDR16	531 ft	79 ft	-452 ft
VVNB	L11LX	RW11L	NB15	505 ft	91 ft	-414 ft
VVNB	L11LY	RW11L	NB15	505 ft	91 ft	-414 ft
VVNB	L11LZ	RW11L	NB15	505 ft	91 ft	-414 ft
VVNB	L11RY	RW11R	NBA14	481 ft	89 ft	-392 ft
VVNB	L11RZ	RW11R	NBA14	481 ft	89 ft	-392 ft
VVNB	L29LX	RW29L	INB14	483 ft	90 ft	-393 ft
VVNB	L29LY	RW29L	INB14	483 ft	90 ft	-393 ft
VVNB	L29LZ	RW29L	INB14	472 ft	90 ft	-382 ft
VVNB	L29RX	RW29R	INA02	98 ft	92 ft	-6 ft
VVNB	L29RY	RW29R	INA15	514 ft	92 ft	-422 ft
VVNB	L29RZ	RW29R	INA15	514 ft	92 ft	-422 ft
VVPB	H27-Z	RW27	PB600	413 ft	63 ft	-350 ft
VVPB	L27-X	RW27	PBA14	463 ft	63 ft	-400 ft
VVPB	L27-Y	RW27	PBA14	463 ft	63 ft	-400 ft
VVPB	L27-Z	RW27	PBA14	463 ft	63 ft	-400 ft
VVPC	L33	RW33	IPC13	500 ft	136 ft	-364 ft
VVPK	L27-Y	RW27	17IPK	2'949 ft	2'457 ft	-492 ft
VVPK	L27-Z	RW27	17IPK	2'949 ft	2'457 ft	-492 ft
VVPQ	H10-X	RW10	MIHER	713 ft	63 ft	-650 ft
VVPQ	H10-Y	RW10	MIHER	713 ft	63 ft	-650 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VVPQ	H10-Z	RW10	MIHER	713 ft	63 ft	-650 ft
VVPQ	L10	RW10	IPQ23	757 ft	63 ft	-694 ft
VVPQ	L10-X	RW10	IPQ23	743 ft	63 ft	-680 ft
VVPQ	L10-Y	RW10	IPQ23	743 ft	63 ft	-680 ft
VVPQ	L10-Z	RW10	IPQ23	743 ft	63 ft	-680 ft
VVPQ	L28	RW28	IPH21	694 ft	73 ft	-621 ft
VVPQ	L28-X	RW28	IPH21	685 ft	73 ft	-612 ft
VVPQ	L28-Y	RW28	IPH21	685 ft	73 ft	-612 ft
VVPQ	L28-Z	RW28	IPH21	685 ft	73 ft	-612 ft
VVTH	L21-Y	RW21	ITH2	657 ft	73 ft	-584 ft
VVTH	L21-Y	RW21	ITH2	657 ft	73 ft	-584 ft
VVTH	L21-Z	RW21	ITH2	657 ft	73 ft	-584 ft
VVTH	L21-Z	RW21	ITH2	657 ft	73 ft	-584 ft
VVTS	L25LX	RW25L	SGN12	414 ft	82 ft	-332 ft
VVTS	L25LY	RW25L	SGN15	508 ft	82 ft	-426 ft
VVTS	L25LZ	RW25L	SGN15	508 ft	82 ft	-426 ft
VVTS	L25RX	RW25R	HCM13	445 ft	83 ft	-362 ft
VVTS	L25RY	RW25R	HCM11	379 ft	83 ft	-296 ft
VVTS	L25RZ	RW25R	HCM11	379 ft	83 ft	-296 ft
VVTX	L31-X	RW31	ITX17	581 ft	96 ft	-485 ft
VVTX	L31-Y	RW31	ITX17	581 ft	96 ft	-485 ft
VVTX	L31-Z	RW31	ITX17	581 ft	96 ft	-485 ft
VVD	L03-U	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-V	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-V	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-W	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-X	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-Y	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-Y	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-Z	RW03	IVD23	755 ft	73 ft	-682 ft
VVD	L03-Z	RW03	IVD23	755 ft	73 ft	-682 ft
VVH	L17-U	RW17	IVH13	428 ft	66 ft	-362 ft
VVH	L17-V	RW17	IVH13	428 ft	66 ft	-362 ft
VVH	L17-W	RW17	IVH11	365 ft	67 ft	-298 ft
VVH	L17-X	RW17	IVH11	365 ft	67 ft	-298 ft
VVH	L17-Y	RW17	IVH11	365 ft	67 ft	-298 ft
VVH	L17-Z	RW17	IVH13	429 ft	67 ft	-362 ft

## VY

VYHH	H36	RW36	PASNO	4'212 ft	3'894 ft	-318 ft
VYMD	L17	RW17	IMI13	670 ft	336 ft	-334 ft
VYNT	L16	RW16	INPT1	633 ft	344 ft	-289 ft
VYNT	L16-Z	RW16	INP13	686 ft	344 ft	-342 ft
VYYY	L21-Y	RW21	IYG08	296 ft	93 ft	-203 ft
VYYY	L21-Z	RW21	IYG08	296 ft	93 ft	-203 ft

## WA

WAAA	L03	RW03	07IUJ	254 ft	88 ft	-166 ft
WAAA	L13	RW13	12IUP	257 ft	94 ft	-163 ft
WAAA	L21	RW21	MM21	273 ft	93 ft	-180 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
WABB	H29	RW29	BB603	785 ft	77 ft	-708 ft
WABB	L11	RW11	BIK	218 ft	88 ft	-130 ft
WADD	L27	RW27	MM27	303 ft	72 ft	-231 ft
WADL	L13	RW13	MM13	539 ft	357 ft	-182 ft
WAEE	H32-Y	RW32	EE604	966 ft	111 ft	-855 ft
WAFB	H04	RW04	FB405	4'035 ft	3'075 ft	-960 ft
WAFJ	H05	RW05	FJ404	535 ft	57 ft	-478 ft
WAFL	H11	RW11	FL403	680 ft	64 ft	-616 ft
WAGG	L34	RW34	IPL07	496 ft	89 ft	-407 ft
WAGI	L31	RW31	PKN1	345 ft	126 ft	-219 ft
WAHH	L09	RW09	IJO08	636 ft	424 ft	-212 ft
WAHQ	L26	RW26	08SLO	677 ft	430 ft	-247 ft
WAHS	L13	RW13	IAN16	515 ft	61 ft	-454 ft
WAJJ	L30	RW30	IJP07	489 ft	318 ft	-171 ft
WALL	L25	RW25	07IBP	229 ft	62 ft	-167 ft
WALS	H04	RW04	LS403	609 ft	123 ft	-486 ft
WAMG	L27	RW27	13GTL	274 ft	138 ft	-136 ft
WAMH	H15	RW15	MH404	729 ft	113 ft	-616 ft
WAMO	H20	RW20	MX404	821 ft	205 ft	-616 ft
WAOC	H27	RW27	OC603	532 ft	70 ft	-462 ft
WAOK	H16	RW16	OK403	461 ft	58 ft	-403 ft
WAOO	L10	RW10	MM10	302 ft	104 ft	-198 ft
WAPP	H04-Y	RW04	PP407	75 ft	74 ft	-1 ft
WAPP	L04	RW04	IAM15	513 ft	81 ft	-432 ft
WAQQ	L06	RW06	TRK25	460 ft	73 ft	-387 ft
WAQT	L01	RW01	31BRZ	772 ft	83 ft	-689 ft
WARA	H35-Z	RW35	RA603	2'479 ft	1'762 ft	-717 ft
WARA	L35	RW35	ML35	2'087 ft	1'762 ft	-325 ft
WARR	L10	RW10	SBR04	225 ft	61 ft	-164 ft
WASS	H09	RW09	SS403	640 ft	67 ft	-573 ft
WASS	H27	RW27	SS604	515 ft	66 ft	-449 ft
WATC	H23	RW23	TC605	541 ft	79 ft	-462 ft
WATE	H27	RW27	TE603	897 ft	69 ft	-828 ft
WATK	H10	RW10	TK403	570 ft	203 ft	-367 ft
WATL	H28	RW28	TL414	408 ft	68 ft	-340 ft
WATO	H17	RW17	MD403	894 ft	278 ft	-616 ft
WATT	L25	RW25	IKP07	556 ft	385 ft	-171 ft
WAUB	R31	RW31	UB404	728 ft	91 ft	-637 ft
WAUU	H35	RW35	UU405	230 ft	76 ft	-154 ft
WAVV	H15	RW15	VV401	6'609 ft	5'485 ft	-1'124 ft
WAWW	H26	RW26	WW40	600 ft	170 ft	-430 ft
WAWW	L26	RW26	IKD14	565 ft	170 ft	-395 ft
WAYY	L12	RW12	03TMK	498 ft	154 ft	-344 ft

## WB

WBGG	L25-Y	RW25	11IKG	379 ft	92 ft	-287 ft
WBGG	L25-Z	RW25	11IKG	379 ft	92 ft	-287 ft
WBGR	L02-Y	RW02	IMR17	595 ft	109 ft	-486 ft
WBGR	L02-Z	RW02	IMR17	595 ft	109 ft	-486 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
WBG5	L13	RW13	ISU14	521 ft	131 ft	-390 ft
WBG5	L13-V	RW13	ISU14	521 ft	131 ft	-390 ft
WBKK	L02-Y	RW02	IKP12	391 ft	64 ft	-327 ft
WBKK	L02-Z	RW02	IKP12	391 ft	64 ft	-327 ft
WBKK	L20-Y	RW20	IKD19	610 ft	61 ft	-549 ft
WBKK	L20-Z	RW20	IKD19	610 ft	61 ft	-549 ft
WBKS	L08	RW08	ISKN1	419 ft	88 ft	-331 ft
WBKW	L24	RW24	ITWU8	284 ft	86 ft	-198 ft
WBSB	L03	RW03	BE06	271 ft	70 ft	-201 ft
WBSB	L21	RW21	BI08	313 ft	122 ft	-191 ft

## WI

WAHI	L11	RW11	IKL14	456 ft	74 ft	-382 ft
WAHP	H28	RW28	NILEG	806 ft	210 ft	-596 ft
WIBB	L36	RW36	IPK14	557 ft	163 ft	-394 ft
WICA	L14	RW14	IKT14	572 ft	178 ft	-394 ft
WICD	H22	RW22	CD703	484 ft	115 ft	-369 ft
WIDD	L04	RW04	MM04	353 ft	173 ft	-180 ft
WIEE	L33	RW33	IMK07	236 ft	68 ft	-168 ft
WIGG	L13	RW13	BKL13	281 ft	124 ft	-157 ft
WIHH	L24	RW24	MM24	303 ft	134 ft	-169 ft
WIII	L07L	RW07L	ICHL1	344 ft	79 ft	-265 ft
WIII	L07R	RW07R	ML07R	212 ft	84 ft	-128 ft
WIII	L25L	RW25L	ICGL1	309 ft	77 ft	-232 ft
WIII	L25R	RW25R	ML25R	262 ft	71 ft	-191 ft
WIJJ	L31	RW31	IJM07	284 ft	113 ft	-171 ft
WIKT	L36	RW36	MM36	394 ft	202 ft	-192 ft
WIML	H07	RW07	ML503	708 ft	62 ft	-646 ft
WIMM	L05	RW05	IDE07	243 ft	73 ft	-170 ft
WIMM	L23	RW23	07IDE	240 ft	70 ft	-170 ft
WIMN	L27	RW27	07ISL	4'851 ft	4'681 ft	-170 ft
WIMS	H12	RW12	MS504	329 ft	83 ft	-246 ft
WIOK	H17	RW17	OK503	496 ft	65 ft	-431 ft
WIOO	L15-Y	RW15	PNK32	318 ft	61 ft	-257 ft
WIOO	L15-Z	RW15	PNK32	318 ft	61 ft	-257 ft
WIPP	L11	RW11	ABMM	241 ft	99 ft	-142 ft
WIPP	L29	RW29	ML29	268 ft	89 ft	-179 ft
WITT	H17	RW17	TT503	546 ft	115 ft	-431 ft
WITT	L17	RW17	BAC16	299 ft	115 ft	-184 ft

## WM

WMKD	L36-X	RW36	IKN07	274 ft	106 ft	-168 ft
WMKD	L36-Y	RW36	IKN07	274 ft	106 ft	-168 ft
WMKD	L36-Z	RW36	IKN07	274 ft	106 ft	-168 ft
WMKE	L34-Y	RW34	IKE19	619 ft	68 ft	-551 ft
WMKE	L34-Z	RW34	IKE19	619 ft	68 ft	-551 ft
WMKI	L04-X	RW04	IPO15	604 ft	180 ft	-424 ft
WMKI	L04-Y	RW04	IPO15	604 ft	180 ft	-424 ft
WMKI	L04-Z	RW04	IPO15	604 ft	180 ft	-424 ft
WMKJ	L16-W	RW16	IJB14	567 ft	185 ft	-382 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
WMKJ	L16-X	RW16	IJB14	567 ft	185 ft	-382 ft
WMKJ	L16-Y	RW16	IJB14	567 ft	185 ft	-382 ft
WMKJ	L16-Z	RW16	IJB14	567 ft	185 ft	-382 ft
WMKK	L14L	RW14L	IEL2	689 ft	104 ft	-585 ft
WMKK	L14R	RW14R	IWR16	564 ft	104 ft	-460 ft
WMKK	L15	RW15	IWK16	536 ft	78 ft	-458 ft
WMKK	L32L	RW32L	IWL17	589 ft	98 ft	-491 ft
WMKK	L32R	RW32R	IER17	606 ft	119 ft	-487 ft
WMKK	L33	RW33	IWM17	568 ft	78 ft	-490 ft
WMKL	L03-Y	RW03	ILK17	549 ft	66 ft	-483 ft
WMKL	L03-Z	RW03	ILK17	549 ft	66 ft	-483 ft
WMKP	L04-Z	RW04	VPG15	686 ft	59 ft	-627 ft
WMSA	L15	RW15	ISB13	456 ft	121 ft	-335 ft

### WS

WSAP	L02	RW02	IPN1	384 ft	93 ft	-291 ft
WSAP	L20	RW20	IPS1	423 ft	115 ft	-308 ft
WSSS	L02C	RW02C	LAGUS	226 ft	64 ft	-162 ft
WSSS	L02L	RW02L	ABVON	233 ft	72 ft	-161 ft
WSSS	L20C	RW20C	ESBIT	230 ft	65 ft	-165 ft
WSSS	L20R	RW20R	IDUNA	246 ft	63 ft	-183 ft

### YB

YAMB	L15-Z	RW15	MM15	309 ft	135 ft	-174 ft
YARG	R01-Z	RW01	GYLSM	813 ft	572 ft	-241 ft
YARG	R19-Z	RW19	GYLNM	796 ft	555 ft	-241 ft
YARM	H05	RW05	ARMW	3'666 ft	3'581 ft	-85 ft
YARM	H23	RW23	ARME	3'690 ft	3'604 ft	-86 ft
YAUR	H34	RW34	AURSM	165 ft	79 ft	-86 ft
YBAF	H28R	RW28R	BAFEM	305 ft	113 ft	-192 ft
YBAR	R01-Z	RW01	BARSM	1'021 ft	926 ft	-95 ft
YBBN	L01L	RW01L	IBN07	222 ft	63 ft	-159 ft
YBBN	L01R	RW01R	IBA07	221 ft	62 ft	-159 ft
YBBN	L19L	RW19L	IBS13	411 ft	61 ft	-350 ft
YBBN	L19R	RW19R	IBE12	381 ft	63 ft	-318 ft
YBCG	L14-Z	RW14	ICG1	333 ft	71 ft	-262 ft
YBCS	H15-Y	RW15	CNSNZ	452 ft	59 ft	-393 ft
YBCS	H15-Z	RW15	CNSNM	860 ft	59 ft	-801 ft
YBCS	L15-W	RW15	CS15	797 ft	59 ft	-738 ft
YBCS	L15-X	RW15	CS15	802 ft	59 ft	-743 ft
YBCS	L15-Y	RW15	ICS25	802 ft	59 ft	-743 ft
YBCS	L15-Z	RW15	ICS25	802 ft	59 ft	-743 ft
YBCS	L33-W	RW33	DME46	724 ft	58 ft	-666 ft
YBCS	L33-X	RW33	DME48	790 ft	58 ft	-732 ft
YBCS	L33-Y	RW33	ICN36	756 ft	58 ft	-698 ft
YBCS	L33-Z	RW33	ICN38	822 ft	58 ft	-764 ft
YBGO	R33	RW33	BGOSM	1'557 ft	1'490 ft	-67 ft
YBHM	H14-Z	RW14	HTINM	702 ft	65 ft	-637 ft
YBHM	H32-Z	RW32	HTISM	734 ft	65 ft	-669 ft
YBIE	R14-Z	RW14	BIENM	440 ft	341 ft	-99 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YBIE	R32-Z	RW32	BIESM	430 ft	343 ft	-87 ft
YBMK	H14	RW14	BMKN	153 ft	67 ft	-86 ft
YBMK	H32	RW32	BMKSM	150 ft	65 ft	-85 ft
YBOK	H14	RW14	OKYNM	1'472 ft	1'384 ft	-88 ft
YBOK	H23	RW23	OKYEM	1'608 ft	1'385 ft	-223 ft
YBOK	L14-Z	RW14	IOK07	1'543 ft	1'384 ft	-159 ft
YBPN	H11	RW11	PPPW	430 ft	108 ft	-322 ft
YBRK	H15	RW15	BRKNM	260 ft	86 ft	-174 ft
YBRM	R10-Z	RW10	BRMW	176 ft	107 ft	-69 ft
YBRM	R28-Z	RW28	BRME	146 ft	73 ft	-73 ft
YBSU	H31-Z	RW31	BSZSM	358 ft	65 ft	-293 ft
YBTI	R15	RW15	BTINM	172 ft	84 ft	-88 ft
YBTI	R33	RW33	BTISM	312 ft	114 ft	-198 ft
YBTL	H07	RW07	TSVW	492 ft	62 ft	-430 ft
YBTL	H19-Z	RW19	TSVNM	222 ft	63 ft	-159 ft
YBTL	L01-X	RW01	02TL	482 ft	68 ft	-414 ft
YBTL	L01-Z	RW01	ITL14	451 ft	68 ft	-383 ft
YBWP	H12	RW12	WEIW	253 ft	107 ft	-146 ft
YBWW	H12-Y	RW12	WW2N	1'731 ft	1'486 ft	-245 ft
YBWW	H12-Z	RW12	WW2N	1'731 ft	1'486 ft	-245 ft
YCBB	H29	RW29	CBBEM	2'253 ft	2'167 ft	-86 ft
YCGO	H17	RW17	CGON	1'720 ft	1'147 ft	-573 ft
YCGO	H35	RW35	CGOSM	1'938 ft	1'173 ft	-765 ft
YCIN	R11-Z	RW11	CINWM	390 ft	304 ft	-86 ft
YCIN	R29-Z	RW29	CINEM	436 ft	350 ft	-86 ft
YCKN	H11	RW11	CT2W	393 ft	75 ft	-318 ft
YCKN	H29	RW29	CT2EM	381 ft	63 ft	-318 ft
YCMT	R15	RW15	CMTN	1'054 ft	968 ft	-86 ft
YCMU	R12-Z	RW12	CMUW	765 ft	680 ft	-85 ft
YCMU	R30-Z	RW30	CMUE	760 ft	675 ft	-85 ft
YCNM	H05	RW05	CNMW	732 ft	646 ft	-86 ft
YCNM	H23	RW23	CNME	732 ft	646 ft	-86 ft
YCOE	H11	RW11	COEW	1'017 ft	571 ft	-446 ft
YELD	R10-Z	RW10	ELDW	393 ft	151 ft	-242 ft
YELD	R28-Z	RW28	ELDEM	224 ft	138 ft	-86 ft
YFTZ	R01-Z	RW01	FTZSM	500 ft	413 ft	-87 ft
YFTZ	R19-Z	RW19	FTZNM	499 ft	413 ft	-86 ft
YGDH	H11	RW11	GDHW	1'150 ft	909 ft	-241 ft
YGDI	R22-Z	RW22	GDINM	845 ft	760 ft	-85 ft
YGLA	L10	RW10	IGL07	268 ft	108 ft	-160 ft
YGLI	H14	RW14	GLINM	3'715 ft	3'478 ft	-237 ft
YIFL	H32	RW32	IFLEM	543 ft	96 ft	-447 ft
YIVL	H34	RW34	IVLSM	2'960 ft	2'717 ft	-243 ft
YJLC	R10-Z	RW10	JLCWM	537 ft	452 ft	-85 ft
YJLC	R28-Z	RW28	JLCEM	539 ft	453 ft	-86 ft
YKMP	H04	RW04	KM2SM	384 ft	103 ft	-281 ft
YKMP	H22	RW22	KM2N	185 ft	100 ft	-85 ft
YKRY	H16	RW16	KRYNM	1'785 ft	1'467 ft	-318 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YLHI	H10	RW10	LHIWM	383 ft	65 ft	-318 ft
YLHR	H30-Z	RW30	LHREM	557 ft	126 ft	-431 ft
YLLE	R03-Z	RW03	LLESM	664 ft	423 ft	-241 ft
YLLE	R21-Z	RW21	LLENM	907 ft	429 ft	-478 ft
YMDG	H04	RW04	MD2W	1'917 ft	1'558 ft	-359 ft
YMDG	H22	RW22	MD2E	1'833 ft	1'595 ft	-238 ft
YMGD	R14	RW14	MGDN	244 ft	160 ft	-84 ft
YMGD	R32	RW32	MGDS	261 ft	173 ft	-88 ft
YNGU	R11-Z	RW11	NGUW	179 ft	90 ft	-89 ft
YNGU	R29-Z	RW29	NGUE	324 ft	83 ft	-241 ft
YNTN	R14-Z	RW14	NTNN	165 ft	78 ft	-87 ft
YNTN	R32-Z	RW32	NTNSM	209 ft	122 ft	-87 ft
YPAM	H14	RW14	PAMN	1'024 ft	70 ft	-954 ft
YPAM	H32-Z	RW32	PAMSM	754 ft	66 ft	-688 ft
YPDN	L29-T	RW29	IDN09	455 ft	131 ft	-324 ft
YPDN	L29-X	RW29	DN	361 ft	131 ft	-230 ft
YPDN	L29-Z	RW29	IDN09	314 ft	131 ft	-183 ft
YPDN	R11-T	RW11	DRWW	ft	146 ft	146 ft
YPDN	R29-T	RW29	DRWEZ	ft	131 ft	131 ft
YPGV	R13-Z	RW13	PGVW	319 ft	255 ft	-64 ft
YPGV	R31-Z	RW31	PGVEM	478 ft	235 ft	-243 ft
YPMP	H14	RW14	PMPN	216 ft	60 ft	-156 ft
YPMP	H32	RW32	PMPSM	441 ft	60 ft	-381 ft
YPTN	L14-Z	RW14	TDL12	669 ft	483 ft	-186 ft
YRMD	R09-Z	RW09	RMDW	796 ft	710 ft	-86 ft
YRMD	R27-Z	RW27	RMDE	813 ft	727 ft	-86 ft
YSCO	H29	RW29	SCOEM	1'087 ft	760 ft	-327 ft
YSGE	R11-Z	RW11	SGEW	789 ft	704 ft	-85 ft
YSGE	R29-Z	RW29	SGEEM	792 ft	705 ft	-87 ft
YSNF	H04	RW04	SNFSM	693 ft	375 ft	-318 ft
YSNF	H29-Y	RW29	SNZEM	894 ft	416 ft	-478 ft
YSNK	R31-Z	RW31	SNBSM	309 ft	223 ft	-86 ft
YSPE	H08	RW08	SP2W	3'093 ft	2'990 ft	-103 ft
YSTW	H12L	RW12L	STWW	1'419 ft	1'332 ft	-87 ft
YSTW	H30R	RW30R	STWE	1'462 ft	1'376 ft	-86 ft
YSTW	L30R	RW30R	ITW16	1'854 ft	1'376 ft	-478 ft
YTAM	R12-Z	RW12	TAMW	867 ft	781 ft	-86 ft
YTAM	R30-Z	RW30	TAMEM	906 ft	822 ft	-84 ft
YTGM	R31	RW31	TGME	562 ft	477 ft	-85 ft
YTGT	R11-Z	RW11	TGTW	1'416 ft	1'329 ft	-87 ft
YTWB	H11	RW11	TWBW	2'567 ft	2'130 ft	-437 ft
YTWB	H29	RW29	TWBE	2'534 ft	2'118 ft	-416 ft
YWDH	R04-Z	RW04	WDHS	564 ft	480 ft	-84 ft
YWDH	R22-Z	RW22	WDHN	569 ft	483 ft	-86 ft
YWLM	L12-Y	RW12	IWM05	126 ft	79 ft	-47 ft
YWLM	L12-Z	RW12	IWM05	126 ft	79 ft	-47 ft
YWTN	R14-Z	RW14	WTNN	773 ft	688 ft	-85 ft
YWYM	R12-Z	RW12	WYMW	233 ft	63 ft	-170 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YWYM	R30-Z	RW30	WYME	97 ft	62 ft	-35 ft

## YM

YANG	R04	RW04	WLPSM	2'595 ft	2'329 ft	-266 ft
YANG	R22	RW22	WLPN	2'498 ft	2'393 ft	-105 ft
YBAS	L12-Y	RW12	03AS	2'052 ft	1'836 ft	-216 ft
YBAS	L12-Z	RW12	03AS	2'052 ft	1'836 ft	-216 ft
YBHI	R05	RW05	BHIWM	1'043 ft	957 ft	-86 ft
YBHI	R23	RW23	BHIEM	1'092 ft	1'008 ft	-84 ft
YBLA	R26-Z	RW26	BLAEM	704 ft	618 ft	-86 ft
YBLU	R19-Z	RW19	BLUNM	1'691 ft	1'605 ft	-86 ft
YBNS	R22-Z	RW22	NS2EM	289 ft	205 ft	-84 ft
YBRW	R21-Z	RW21	BRWN	508 ft	419 ft	-89 ft
YBUN	R25-Z	RW25	UY2EM	186 ft	100 ft	-86 ft
YBWX	R03-Z	RW03	BWXS	161 ft	74 ft	-87 ft
YBWX	R21-Z	RW21	BWBN	308 ft	64 ft	-244 ft
YCAR	R04-Z	RW04	CARSM	153 ft	57 ft	-96 ft
YCAR	R22-Z	RW22	CARNM	149 ft	63 ft	-86 ft
YCBA	R05-Z	RW05	CBAW	840 ft	754 ft	-86 ft
YCBA	R23-Z	RW23	CBAEM	857 ft	771 ft	-86 ft
YCDO	R01	RW01	CDOSM	854 ft	682 ft	-172 ft
YCDU	R29	RW29	CDUEM	211 ft	125 ft	-86 ft
YCNF	R12	RW12	CNFW	1'106 ft	1'017 ft	-89 ft
YCNF	R30	RW30	CNFEM	1'043 ft	1'018 ft	-25 ft
YCOM	R18	RW18	COMN	3'375 ft	3'097 ft	-278 ft
YCOM	R36	RW36	COMS	3'645 ft	3'137 ft	-508 ft
YCRG	R24	RW24	CRGN	1'269 ft	998 ft	-271 ft
YCTM	R16-Z	RW16	CTMN	1'455 ft	1'152 ft	-303 ft
YCTM	R34-Z	RW34	CTMSM	1'291 ft	1'159 ft	-132 ft
YDLQ	R06-Z	RW06	DLQW	450 ft	364 ft	-86 ft
YDLQ	R24-Z	RW24	DLQEM	445 ft	359 ft	-86 ft
YDPO	R24-Z	RW24	DVOEM	394 ft	72 ft	-322 ft
YEWA	R28	RW28	EWZE	1'949 ft	1'622 ft	-327 ft
YFLI	R05-Z	RW05	FLIZM	416 ft	67 ft	-349 ft
YFRT	R18-Z	RW18	FRTNM	647 ft	559 ft	-88 ft
YFRT	R27-Z	RW27	FRTEM	637 ft	553 ft	-84 ft
YHOT	R29-Z	RW29	HOZEM	4'663 ft	4'277 ft	-386 ft
YHSM	R08	RW08	HSMW	572 ft	489 ft	-83 ft
YHSM	R26	RW26	HSME	580 ft	495 ft	-85 ft
YIVO	R16	RW16	IVZNM	ft	381 ft	381 ft
YIVO	R34	RW34	IVZSM	ft	356 ft	356 ft
YJUN	R08-Z	RW08	JUNW	1'980 ft	1'894 ft	-86 ft
YKNG	R25	RW25	KNGEM	1'063 ft	977 ft	-86 ft
YLEC	R11	RW11	LECWM	1'144 ft	903 ft	-241 ft
YLEC	R29	RW29	LECEM	1'141 ft	900 ft	-241 ft
YLEO	R22	RW22	LEONM	1'356 ft	1'267 ft	-89 ft
YMAV	L18-Y	RW18	AV02	280 ft	82 ft	-198 ft
YMAV	L18-Z	RW18	IAV08	273 ft	82 ft	-191 ft
YMCO	R18	RW18	MCON	221 ft	135 ft	-86 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YMCO	R36	RW36	MCOS	216 ft	129 ft	-87 ft
YMEN	L26	RW26	IEN08	481 ft	290 ft	-191 ft
YMES	L22-Z	RW22	IES10	327 ft	64 ft	-263 ft
YMHB	L12-Y	RW12	HB09	210 ft	63 ft	-147 ft
YMHB	L12-Z	RW12	IHB06	189 ft	63 ft	-126 ft
YMHB	R12-Z	RW12	HBZW	303 ft	63 ft	-240 ft
YMLT	L32LY	RW32L	LT	806 ft	598 ft	-208 ft
YMLT	L32LZ	RW32L	LT	806 ft	598 ft	-208 ft
YMMB	H17L	RW17L	MMBN	303 ft	96 ft	-207 ft
YMMI	R03-Z	RW03	MMISM	1'671 ft	1'585 ft	-86 ft
YMML	H09	RW09	MMLW	531 ft	445 ft	-86 ft
YMML	L16-Y	RW16	01ML	644 ft	482 ft	-162 ft
YMML	L16-Z	RW16	01ML	644 ft	482 ft	-162 ft
YMML	L27-Y	RW27	ML09	648 ft	457 ft	-191 ft
YMML	L27-Z	RW27	ML09	648 ft	457 ft	-191 ft
YMNG	R23-Z	RW23	MNGE	600 ft	514 ft	-86 ft
YMRY	R18-Z	RW18	MRYN	155 ft	69 ft	-86 ft
YMUL	R23-Z	RW23	MULEM	199 ft	106 ft	-93 ft
YNAR	R14-Z	RW14	NARN	835 ft	519 ft	-316 ft
YNAR	R32-Z	RW32	NARSM	605 ft	520 ft	-85 ft
YNHL	R27-Z	RW27	NHLEM	741 ft	499 ft	-242 ft
YNRC	R26-Z	RW26	NRCEM	298 ft	216 ft	-82 ft
YNRM	R11-Z	RW11	NRMW	913 ft	823 ft	-90 ft
YNRV	R06	RW06	NRVW	329 ft	243 ft	-86 ft
YNRV	R24	RW24	NRVEM	344 ft	259 ft	-85 ft
YNYN	R05-Z	RW05	NYNW	702 ft	618 ft	-84 ft
YNYN	R23-Z	RW23	NYNEM	704 ft	616 ft	-88 ft
YOOM	R12-Z	RW12	MZOW	480 ft	193 ft	-287 ft
YOOM	R30	RW30	OO2EM	793 ft	174 ft	-619 ft
YORB	R07	RW07	ORBW	313 ft	143 ft	-170 ft
YORB	R25	RW25	ORBEM	287 ft	128 ft	-159 ft
YPAD	L23-Y	RW23	D15	233 ft	70 ft	-163 ft
YPAD	L23-Z	RW23	D15	233 ft	70 ft	-163 ft
YPAD	R05-Z	RW05	PADSM	151 ft	64 ft	-87 ft
YPAG	R15-Z	RW15	PAGNM	604 ft	106 ft	-498 ft
YPEA	L18LZ	RW18L	13PEA	357 ft	169 ft	-188 ft
YPED	L18-Z	RW18	IED12	300 ft	111 ft	-189 ft
YPJT	R06LZ	RW06L	PJTWM	231 ft	145 ft	-86 ft
YPKG	R11-Z	RW11	KG2W	1'339 ft	1'253 ft	-86 ft
YPKG	R18-Z	RW18	KG2NM	1'302 ft	1'216 ft	-86 ft
YPKG	R29-Z	RW29	KG2EM	1'282 ft	1'197 ft	-85 ft
YPKG	R36-Z	RW36	KG2SM	1'323 ft	1'237 ft	-86 ft
YPLC	R19-Z	RW19	PLZNM	358 ft	70 ft	-288 ft
YPPH	L03-Y	RW03	PH13	279 ft	117 ft	-162 ft
YPPH	L03-Z	RW03	IPN07	279 ft	117 ft	-162 ft
YPPH	L21-Y	RW21	PH16	252 ft	93 ft	-159 ft
YPPH	L21-Z	RW21	IGD06	220 ft	93 ft	-127 ft
YPPH	L24-Y	RW24	PH18	267 ft	108 ft	-159 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YPPH	L24-Z	RW24	IPH07	267 ft	108 ft	-159 ft
YPPH	R21-Z	RW21	PERNM	179 ft	93 ft	-86 ft
YPWR	R18-Z	RW18	PWRN	673 ft	586 ft	-87 ft
YPXM	R36	RW36	XCHSM	943 ft	857 ft	-86 ft
YREN	R07-Z	RW07	RENEW	243 ft	159 ft	-84 ft
YREN	R25-Z	RW25	RENEM	243 ft	159 ft	-84 ft
YSBK	H11C	RW11C	SBKW	345 ft	73 ft	-272 ft
YSCB	H30	RW30	CBREM	2'056 ft	1'934 ft	-122 ft
YSCB	H35-Z	RW35	CBRSM	2'012 ft	1'919 ft	-93 ft
YSCB	L35-Y	RW35	29CB	2'206 ft	1'919 ft	-287 ft
YSCB	L35-Z	RW35	ICB10	2'174 ft	1'919 ft	-255 ft
YSHL	H16	RW16	WO2N	257 ft	72 ft	-185 ft
YSHT	R18-Z	RW18	SHTNM	508 ft	425 ft	-83 ft
YSNW	L21-Z	RW21	INA01	681 ft	426 ft	-255 ft
YSOL	R09	RW09	SM2W	2'677 ft	2'040 ft	-637 ft
YSOL	R27	RW27	SM2EM	2'694 ft	2'057 ft	-637 ft
YSRI	L28-Z	RW28	IRI06	242 ft	103 ft	-139 ft
YSSY	L07	RW07	ISY07	227 ft	66 ft	-161 ft
YSSY	L16L	RW16L	DME06	193 ft	66 ft	-127 ft
YSSY	L16R	RW16R	IKS11	348 ft	57 ft	-291 ft
YSSY	L25	RW25	ISW12	389 ft	70 ft	-319 ft
YSSY	L34L	RW34L	ISN4	128 ft	64 ft	-64 ft
YSSY	L34R	RW34R	IKN15	477 ft	63 ft	-414 ft
YSTH	R26	RW26	STHEM	407 ft	167 ft	-240 ft
YSWG	L23-Y	RW23	WG24	1'348 ft	751 ft	-597 ft
YSWG	L23-Z	RW23	IWG02	1'346 ft	751 ft	-595 ft
YSWH	R26-Z	RW26	SWHE	364 ft	276 ft	-88 ft
YTBB	R15-Z	RW15	TBZNM	167 ft	82 ft	-85 ft
YTEF	R12-Z	RW12	TEFW	1'106 ft	1'019 ft	-87 ft
YTEF	R30-Z	RW30	TEFEM	1'305 ft	995 ft	-310 ft
YTIB	R20-Z	RW20	TIBNM	701 ft	611 ft	-90 ft
YTOC	R09	RW09	TOCW	502 ft	415 ft	-87 ft
YTOC	R27	RW27	TOCEM	508 ft	422 ft	-86 ft
YWBL	R31-Z	RW31	WBLEM	355 ft	271 ft	-84 ft
YWHC	R12	RW12	WHCW	ft	562 ft	562 ft
YWHC	R30	RW30	WHCE	ft	586 ft	586 ft
YWLUN	R15	RW15	WLUN	1'804 ft	1'703 ft	-101 ft
YWLUN	R33	RW33	WLUS	1'754 ft	1'668 ft	-86 ft
YWSL	R09	RW09	WSLW	198 ft	112 ft	-86 ft
YWUD	R32	RW32	WUDS	412 ft	327 ft	-85 ft
YWWL	R27-Z	RW27	WWLE	979 ft	891 ft	-88 ft
YYWG	R19-Z	RW19	YWGN	560 ft	474 ft	-86 ft

## ZB

ZBAA	L01-Y	RW01	INJ07	315 ft	134 ft	-181 ft
ZBAA	L01-Z	RW01	INJ07	315 ft	134 ft	-181 ft
ZBAA	L18LY	RW18L	INJ24	315 ft	160 ft	-155 ft
ZBAA	L18LZ	RW18L	INJ24	315 ft	160 ft	-155 ft
ZBAA	L18RY	RW18R	ILG08	354 ft	165 ft	-189 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZBAA	L18RZ	RW18R	ILG08	354 ft	165 ft	-189 ft
ZBAA	L19-Y	RW19	ISZ07	318 ft	144 ft	-174 ft
ZBAA	L19-Z	RW19	ISZ07	318 ft	144 ft	-174 ft
ZBAA	L36LY	RW36L	MM36L	348 ft	157 ft	-191 ft
ZBAA	L36LZ	RW36L	MM36L	348 ft	157 ft	-191 ft
ZBAA	L36RY	RW36R	MM36R	322 ft	148 ft	-174 ft
ZBAA	L36RZ	RW36R	MM36R	322 ft	148 ft	-174 ft
ZBAD	L01L	RW01L	IDN07	289 ft	123 ft	-166 ft
ZBAD	L17LY	RW17L	IXA08	327 ft	127 ft	-200 ft
ZBAD	L17LZ	RW17L	IXA08	326 ft	127 ft	-199 ft
ZBAD	L17RY	RW17R	IXE06	263 ft	127 ft	-136 ft
ZBAD	L17RZ	RW17R	IXE06	262 ft	127 ft	-135 ft
ZBAD	L19R	RW19R	IDZ08	331 ft	133 ft	-198 ft
ZBAD	L29R	RW29R	IBP13	479 ft	121 ft	-358 ft
ZBAD	L35L	RW35L	IXR07	293 ft	126 ft	-167 ft
ZBAD	L35R	RW35R	IXO07	293 ft	126 ft	-167 ft
ZBCD	L30-Z	RW30	IHB21	2'950 ft	2'335 ft	-615 ft
ZBCF	H03	RW03	CF500	ft	2'087 ft	2'087 ft
ZBCF	H21	RW21	CF600	ft	2'053 ft	2'053 ft
ZBCF	L21-Z	RW21	07ICF	2'242 ft	2'054 ft	-188 ft
ZBDS	L13-Y	RW13	HDS17	4'851 ft	4'642 ft	-209 ft
ZBDS	L13-Z	RW13	HDS17	4'851 ft	4'642 ft	-209 ft
ZBDS	L31-Y	RW31	HDS15	4'887 ft	4'628 ft	-259 ft
ZBDS	L31-Z	RW31	ML31	4'877 ft	4'628 ft	-249 ft
ZBES	H08	RW08	ES300	2'964 ft	2'964 ft	ft
ZBES	H26	RW26	ES400	2'990 ft	2'988 ft	-2 ft
ZBHH	L08-X	RW08	IFX07	3'743 ft	3'561 ft	-182 ft
ZBHH	L08-Y	RW08	IFX07	3'743 ft	3'561 ft	-182 ft
ZBHH	L08-Z	RW08	IFX07	3'743 ft	3'561 ft	-182 ft
ZBHH	L26-X	RW26	IKJ08	3'802 ft	3'606 ft	-196 ft
ZBHH	L26-Y	RW26	IKJ08	3'802 ft	3'606 ft	-196 ft
ZBHH	L26-Z	RW26	IKJ08	3'802 ft	3'606 ft	-196 ft
ZBHZ	R11	RW11	HZ509	3'259 ft	3'259 ft	ft
ZBHZ	R29	RW29	HZ409	3'253 ft	3'253 ft	ft
ZBLF	H17	RW17	LF400	ft	1'642 ft	1'642 ft
ZBLF	H35	RW35	LF500	ft	1'682 ft	1'682 ft
ZBMZ	L12-Y	RW12	G	2'538 ft	2'246 ft	-292 ft
ZBMZ	L12-Z	RW12	G	2'538 ft	2'246 ft	-292 ft
ZBMZ	L30-Y	RW30	Z	2'461 ft	2'279 ft	-182 ft
ZBMZ	L30-Z	RW30	Z	2'461 ft	2'279 ft	-182 ft
ZBSJ	L15	RW15	O	426 ft	283 ft	-143 ft
ZBSJ	L33	RW33	F	484 ft	271 ft	-213 ft
ZBSN	H28	RW28	SN800	443 ft	98 ft	-345 ft
ZBTJ	L16L	RW16L	ICU10	314 ft	54 ft	-260 ft
ZBTJ	L16R	RW16R	IJS08	241 ft	55 ft	-186 ft
ZBTJ	L34L	RW34L	ICG08	247 ft	56 ft	-191 ft
ZBTJ	L34R	RW34R	IKD07	231 ft	55 ft	-176 ft
ZBUH	H01	RW01	MA700	ft	3'637 ft	3'637 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZBUH	H19	RW19	MA800	ft	3'696 ft	3'696 ft
ZBUL	L32-Y	RW32	HLH	1'277 ft	1'037 ft	-240 ft
ZBUL	L32-Z	RW32	HLH	1'277 ft	1'037 ft	-240 ft
ZBXZ	H08	RW08	XZ400	ft	2'607 ft	2'607 ft
ZBXZ	H26	RW26	XZ500	ft	2'580 ft	2'580 ft
ZBYN	L13-Y	RW13	ICC08	2'804 ft	2'598 ft	-206 ft
ZBYN	L13-Z	RW13	ICC08	2'804 ft	2'598 ft	-206 ft
ZBYN	L31-Y	RW31	IBB09	2'870 ft	2'629 ft	-241 ft
ZBYN	L31-Z	RW31	IBB09	2'863 ft	2'629 ft	-234 ft
ZBZJ	H12	RW12	JK410	ft	2'364 ft	2'364 ft
ZBZJ	L30-Y	RW30	IHR16	2'854 ft	2'407 ft	-447 ft
ZBZJ	L30-Z	RW30	IHR16	2'854 ft	2'407 ft	-447 ft

## ZG

ZGBH	H01	RW01	BH400	ft	118 ft	118 ft
ZGBH	H19	RW19	BH500	ft	132 ft	132 ft
ZGBH	L01-Z	RW01	V	299 ft	119 ft	-180 ft
ZGCJ	H04	RW04	CJ400	907 ft	907 ft	ft
ZGCJ	H22	RW22	CJ500	ft	927 ft	927 ft
ZGCZ	H07	RW07	CZ400	ft	1'022 ft	1'022 ft
ZGCZ	H25	RW25	CZ500	ft	1'017 ft	1'017 ft
ZGCZ	L07-Z	RW07	ICZ10	1'299 ft	1'023 ft	-276 ft
ZGCZ	L25-Z	RW25	IHB08	1'224 ft	1'018 ft	-206 ft
ZGDY	L08-X	RW08	DYG	1'213 ft	763 ft	-450 ft
ZGDY	L08-Y	RW08	DYG	1'213 ft	763 ft	-450 ft
ZGDY	L08-Z	RW08	DYG	1'213 ft	763 ft	-450 ft
ZGDY	L26-Y	RW26	IPS12	1'084 ft	715 ft	-369 ft
ZGDY	L26-Z	RW26	IPS12	1'084 ft	715 ft	-369 ft
ZGGG	L01-Y	RW01	IOO07	250 ft	91 ft	-159 ft
ZGGG	L01-Z	RW01	IOO07	250 ft	91 ft	-159 ft
ZGGG	L02LY	RW02L	IBB07	256 ft	95 ft	-161 ft
ZGGG	L02LZ	RW02L	IBB07	256 ft	95 ft	-161 ft
ZGGG	L02RY	RW02R	IDM07	256 ft	94 ft	-162 ft
ZGGG	L02RZ	RW02R	IDM07	256 ft	94 ft	-162 ft
ZGGG	L19-Y	RW19	IPP07	253 ft	93 ft	-160 ft
ZGGG	L19-Z	RW19	IPP07	253 ft	93 ft	-160 ft
ZGGG	L20LY	RW20L	IXL07	259 ft	94 ft	-165 ft
ZGGG	L20LZ	RW20L	IXL07	259 ft	94 ft	-165 ft
ZGGG	L20RY	RW20R	IAA07	263 ft	98 ft	-165 ft
ZGGG	L20RZ	RW20R	IAA07	263 ft	98 ft	-165 ft
ZGHA	L18LY	RW18L	ISL10	520 ft	262 ft	-258 ft
ZGHA	L18LZ	RW18L	ISL10	520 ft	262 ft	-258 ft
ZGHA	L18RY	RW18R	IWW10	526 ft	269 ft	-257 ft
ZGHA	L18RZ	RW18R	IWW10	526 ft	269 ft	-257 ft
ZGHA	L36LY	RW36L	Q	456 ft	248 ft	-208 ft
ZGHA	L36LZ	RW36L	Q	459 ft	248 ft	-211 ft
ZGHA	L36RY	RW36R	ICR08	431 ft	238 ft	-193 ft
ZGHA	L36RZ	RW36R	ICR08	431 ft	238 ft	-193 ft
ZGKL	L01-Y	RW01	IJJ22	1'260 ft	620 ft	-640 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZGKL	L01-Z	RW01	IJJ22	1'260 ft	620 ft	-640 ft
ZGKL	L19-Y	RW19	IPA22	1'264 ft	617 ft	-647 ft
ZGKL	L19-Z	RW19	IPA22	1'264 ft	617 ft	-647 ft
ZGNN	L05-Y	RW05	IXU08	663 ft	467 ft	-196 ft
ZGNN	L05-Z	RW05	IXU08	663 ft	467 ft	-196 ft
ZGNN	L23-Y	RW23	IUY07	624 ft	465 ft	-159 ft
ZGNN	L23-Z	RW23	IUY07	624 ft	465 ft	-159 ft
ZGOW	L04-Y	RW04	CSS	407 ft	101 ft	-306 ft
ZGOW	L04-Z	RW04	CSS	407 ft	101 ft	-306 ft
ZGOW	L22-Y	RW22	ICS02	74 ft	67 ft	-7 ft
ZGOW	L22-Z	RW22	ICS02	74 ft	67 ft	-7 ft
ZGSG	H15	RW15	SG400	ft	332 ft	332 ft
ZGSG	H33	RW33	SG500	330 ft	330 ft	ft
ZGSG	L15-Y	RW15	IYL15	753 ft	333 ft	-420 ft
ZGSG	L15-Z	RW15	IYL15	753 ft	333 ft	-420 ft
ZGSG	L33-Y	RW33	IMU13	692 ft	331 ft	-361 ft
ZGSG	L33-Z	RW33	IMU13	692 ft	331 ft	-361 ft
ZGSZ	L15-Y	RW15	IQJ07	232 ft	62 ft	-170 ft
ZGSZ	L15-Z	RW15	IQJ07	232 ft	62 ft	-170 ft
ZGSZ	L16-Y	RW16	ISZ07	234 ft	63 ft	-171 ft
ZGSZ	L16-Z	RW16	ISZ07	234 ft	63 ft	-171 ft
ZGSZ	L33-X	RW33	IMH07	232 ft	62 ft	-170 ft
ZGSZ	L33-Y	RW33	IMH07	232 ft	62 ft	-170 ft
ZGSZ	L33-Z	RW33	IMH07	231 ft	62 ft	-169 ft
ZGSZ	L34-X	RW34	IBA07	223 ft	63 ft	-160 ft
ZGSZ	L34-Y	RW34	IBA07	223 ft	63 ft	-160 ft
ZGSZ	L34-Z	RW34	IBA07	223 ft	63 ft	-160 ft
ZGYL	H04	RW04	YL401	ft	492 ft	492 ft
ZGYL	H22	RW22	YL501	ft	508 ft	508 ft
ZGZJ	H33	RW33	ZJ500	ft	106 ft	106 ft
ZGZJ	L33-Z	RW33	IZU01	372 ft	106 ft	-266 ft
ZULB	H03	RW03	LB100	ft	2'700 ft	2'700 ft
ZULB	H21	RW21	LB200	ft	2'757 ft	2'757 ft
ZULB	L03-Z	RW03	ILB20	3'360 ft	2'700 ft	-660 ft

## ZH

ZHCC	L12LX	RW12L	IXL10	795 ft	546 ft	-249 ft
ZHCC	L12LY	RW12L	IXL10	795 ft	546 ft	-249 ft
ZHCC	L12LZ	RW12L	IXL10	795 ft	546 ft	-249 ft
ZHCC	L12RY	RW12R	F	725 ft	544 ft	-181 ft
ZHCC	L12RZ	RW12R	F	725 ft	544 ft	-181 ft
ZHCC	L30LY	RW30L	A	706 ft	534 ft	-172 ft
ZHCC	L30LZ	RW30L	A	706 ft	534 ft	-172 ft
ZHCC	L30RX	RW30R	IZR07	715 ft	526 ft	-189 ft
ZHCC	L30RY	RW30R	IZR07	716 ft	526 ft	-190 ft
ZHCC	L30RZ	RW30R	IZR07	716 ft	526 ft	-190 ft
ZHHH	L04LY	RW04L	IHN07	326 ft	145 ft	-181 ft
ZHHH	L04LZ	RW04L	IHN07	326 ft	145 ft	-181 ft
ZHHH	L04RW	RW04R	IWF07	319 ft	147 ft	-172 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZHHH	L04RX	RW04R	IWF07	319 ft	147 ft	-172 ft
ZHHH	L04RY	RW04R	IWF07	319 ft	147 ft	-172 ft
ZHHH	L04RZ	RW04R	IWF07	319 ft	147 ft	-172 ft
ZHHH	L22LY	RW22L	IUT07	318 ft	147 ft	-171 ft
ZHHH	L22LZ	RW22L	IUT07	318 ft	147 ft	-171 ft
ZHHH	L22RY	RW22R	ITS07	332 ft	163 ft	-169 ft
ZHHH	L22RZ	RW22R	ITS07	332 ft	163 ft	-169 ft
ZHLY	H08	RW08	LY800	ft	898 ft	898 ft
ZHLY	H26	RW26	LY600	ft	917 ft	917 ft

## ZJ

ZJHK	L09-Y	RW09	H	306 ft	124 ft	-182 ft
ZJHK	L09-Z	RW09	H	306 ft	124 ft	-182 ft
ZJHK	L10-Y	RW10	IJK07	266 ft	93 ft	-173 ft
ZJHK	L10-Z	RW10	IJK07	266 ft	93 ft	-173 ft
ZJHK	L27-Y	RW27	P	313 ft	115 ft	-198 ft
ZJHK	L27-Z	RW27	P	313 ft	115 ft	-198 ft
ZJHK	L28-Y	RW28	IWA07	277 ft	105 ft	-172 ft
ZJHK	L28-Z	RW28	IWA07	277 ft	105 ft	-172 ft
ZJQH	L15-Y	RW15	IBO08	292 ft	103 ft	-189 ft
ZJQH	L15-Z	RW15	IBO08	292 ft	103 ft	-189 ft
ZJQH	L33-Y	RW33	IAT10	365 ft	89 ft	-276 ft
ZJQH	L33-Z	RW33	IAT10	365 ft	89 ft	-276 ft
ZJSY	L08-Y	RW08	K	332 ft	111 ft	-221 ft
ZJSY	L08-Z	RW08	K	332 ft	111 ft	-221 ft
ZJSY	L26-Y	RW26	HUT	338 ft	138 ft	-200 ft
ZJSY	L26-Z	RW26	HUT	338 ft	138 ft	-200 ft

## ZK

ZKPY	L17	RW17	IGE19	680 ft	139 ft	-541 ft
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## ZL

ZLAK	H10	RW10	AK600	ft	1'225 ft	1'225 ft
ZLAK	H28	RW28	AK700	ft	1'267 ft	1'267 ft
ZLDH	L08-Y	RW08	07IMG	3'909 ft	3'739 ft	-170 ft
ZLDH	L08-Z	RW08	07IMG	3'909 ft	3'739 ft	-170 ft
ZLDH	L26-Y	RW26	07IDH	3'890 ft	3'720 ft	-170 ft
ZLDH	L26-Z	RW26	07IDH	3'891 ft	3'721 ft	-170 ft
ZLHZ	H07	RW07	HZ200	1'672 ft	1'672 ft	ft
ZLHZ	H25	RW25	HZ300	1'673 ft	1'673 ft	ft
ZLHZ	L07-Y	RW07	ICG19	2'221 ft	1'672 ft	-549 ft
ZLIC	L03-Y	RW03	ITY08	3'991 ft	3'790 ft	-201 ft
ZLIC	L03-Z	RW03	ITY08	3'991 ft	3'790 ft	-201 ft
ZLIC	L21-Y	RW21	YHD	4'027 ft	3'746 ft	-281 ft
ZLIC	L21-Z	RW21	YHD	4'025 ft	3'746 ft	-279 ft
ZLJC	H13	RW13	JC600	ft	4'782 ft	4'782 ft
ZLJC	H31	RW31	JC700	ft	4'763 ft	4'763 ft
ZLJC	L31-Z	RW31	IJC09	5'004 ft	4'763 ft	-241 ft
ZLLL	L18-Y	RW18	IKQ07	6'634 ft	6'438 ft	-196 ft
ZLLL	L18-Z	RW18	IKQ07	6'634 ft	6'438 ft	-196 ft
ZLLL	L36-Y	RW36	IYY11	6'665 ft	6'372 ft	-293 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZLLL	L36-Z	RW36	IYY11	6'665 ft	6'372 ft	-293 ft
ZLLN	R09	RW09	LN700	3'760 ft	3'760 ft	ft
ZLLN	R27	RW27	LN800	3'732 ft	3'732 ft	ft
ZLQY	H14	RW14	QY600	ft	4'684 ft	4'684 ft
ZLQY	H32	RW32	QY800	ft	4'636 ft	4'636 ft
ZLQY	L32-Y	RW32	IQY13	4'999 ft	4'637 ft	-362 ft
ZLQY	L32-Z	RW32	IQY13	4'999 ft	4'637 ft	-362 ft
ZLTS	H10	RW10	TS400	3'642 ft	3'641 ft	-1 ft
ZLTS	H28	RW28	TS500	3'609 ft	3'608 ft	-1 ft
ZLXN	L11-Y	RW11	ICB01	7'472 ft	7'216 ft	-256 ft
ZLXN	L11-Z	RW11	ICB01	7'472 ft	7'216 ft	-256 ft
ZLXN	L29-Y	RW29	IXN01	7'396 ft	7'141 ft	-255 ft
ZLXN	L29-Z	RW29	IXN01	7'396 ft	7'141 ft	-255 ft
ZLXY	L05LY	RW05L	IGG08	1'812 ft	1'612 ft	-200 ft
ZLXY	L05LZ	RW05L	IGG08	1'812 ft	1'612 ft	-200 ft
ZLXY	L05RY	RW05R	IXW08	1'795 ft	1'606 ft	-189 ft
ZLXY	L05RZ	RW05R	IXW08	1'795 ft	1'606 ft	-189 ft
ZLXY	L23LY	RW23L	LCZ	1'794 ft	1'588 ft	-206 ft
ZLXY	L23LZ	RW23L	LCZ	1'794 ft	1'588 ft	-206 ft
ZLXY	L23RY	RW23R	IMM08	1'819 ft	1'619 ft	-200 ft
ZLXY	L23RZ	RW23R	IMM08	1'819 ft	1'619 ft	-200 ft
ZLYA	H17	RW17	YN700	ft	3'933 ft	3'933 ft
ZLYA	H35	RW35	YN800	ft	4'018 ft	4'018 ft
ZLYA	L35-Y	RW35	IBT2	4'601 ft	4'018 ft	-583 ft
ZLYA	L35-Z	RW35	IBT2	4'601 ft	4'018 ft	-583 ft
ZLZW	R09	RW09	ZW500	ft	4'135 ft	4'135 ft
ZLZW	R27	RW27	ZW600	ft	4'095 ft	4'095 ft

## ZM

ZMCK	L29-X	RW29	CDA09	4'765 ft	4'532 ft	-233 ft
ZMCK	L29-Y	RW29	CDA09	4'766 ft	4'532 ft	-234 ft
ZMCK	L29-Z	RW29	CDA09	4'766 ft	4'532 ft	-234 ft
ZMKD	R34	RW34	KD34M	5'312 ft	4'948 ft	-364 ft
ZMMN	H28	RW28	MN28	5'011 ft	4'289 ft	-722 ft
ZMUB	R14	RW14	UB14M	4'861 ft	4'200 ft	-661 ft
ZMUL	H31	RW31	UL31M	6'926 ft	5'696 ft	-1'230 ft

## ZP

ZPBS	R19	RW19	BS506	6'111 ft	5'509 ft	-602 ft
ZPCW	H05	RW05	CY800	6'684 ft	6'086 ft	-598 ft
ZPCW	H23	RW23	CY600	ft	6'026 ft	6'026 ft
ZPCW	L23-Z	RW23	IYU20	6'615 ft	6'026 ft	-589 ft
ZPJH	L16-Y	RW16	19IGG	2'510 ft	1'857 ft	-653 ft
ZPJH	L16-Z	RW16	19IGG	2'514 ft	1'857 ft	-657 ft
ZPJH	L34-Y	RW34	ILK28	2'701 ft	1'863 ft	-838 ft
ZPJH	L34-Z	RW34	ILK28	2'701 ft	1'863 ft	-838 ft
ZPJM	R12	RW12	JM600	ft	4'432 ft	4'432 ft
ZPJM	R30	RW30	JM800	ft	4'483 ft	4'483 ft
ZPLJ	L02-Y	RW02	IYL18	7'881 ft	7'352 ft	-529 ft
ZPLJ	L02-Z	RW02	IYL19	7'915 ft	7'352 ft	-563 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZPMS	L23-Y	RW23	IMS15	3'428 ft	2'927 ft	-501 ft
ZPMS	L23-Z	RW23	IMS15	3'428 ft	2'927 ft	-501 ft
ZPPP	L03-Y	RW03	IZL13	7'307 ft	6'948 ft	-359 ft
ZPPP	L03-Z	RW03	IZL13	7'307 ft	6'948 ft	-359 ft
ZPPP	L04-Y	RW04	IFY13	7'295 ft	6'935 ft	-360 ft
ZPPP	L04-Z	RW04	IFY13	7'295 ft	6'935 ft	-360 ft
ZPPP	L21-Y	RW21	IBH15	7'356 ft	6'934 ft	-422 ft
ZPPP	L21-Z	RW21	IBH15	7'356 ft	6'934 ft	-422 ft
ZPPP	L22-Y	RW22	IKM14	7'321 ft	6'929 ft	-392 ft
ZPPP	L22-Z	RW22	IKM14	7'321 ft	6'929 ft	-392 ft
ZPSM	H36	RW36	SM800	4'883 ft	4'315 ft	-568 ft
ZUAS	R08	RW08	AS100	4'847 ft	4'847 ft	ft
ZUAS	R26	RW26	AS200	4'854 ft	4'854 ft	ft
ZUBJ	R08	RW08	BJ600	4'866 ft	4'866 ft	ft
ZUBJ	R26	RW26	BJ700	4'814 ft	4'814 ft	ft
ZUCK	L02LY	RW02L	IWX16	1'859 ft	1'401 ft	-458 ft
ZUCK	L02LZ	RW02L	IWX16	1'859 ft	1'401 ft	-458 ft
ZUCK	L02RY	RW02R	IJC16	1'859 ft	1'399 ft	-460 ft
ZUCK	L02RZ	RW02R	IJC16	1'859 ft	1'399 ft	-460 ft
ZUCK	L03-Y	RW03	IQT17	1'867 ft	1'380 ft	-487 ft
ZUCK	L03-Z	RW03	IQT17	1'867 ft	1'380 ft	-487 ft
ZUCK	L20LZ	RW20L	IMW15	1'817 ft	1'394 ft	-423 ft
ZUCK	L20RZ	RW20R	IOS15	1'826 ft	1'399 ft	-427 ft
ZUCK	L21-Z	RW21	ICO15	1'779 ft	1'353 ft	-426 ft
ZUGY	L01LY	RW01L	IGG24	4'488 ft	3'787 ft	-701 ft
ZUGY	L01LZ	RW01L	IGG24	4'488 ft	3'787 ft	-701 ft
ZUGY	L01RY	RW01R	ILR24	4'488 ft	3'782 ft	-706 ft
ZUGY	L01RZ	RW01R	ILR24	4'488 ft	3'782 ft	-706 ft
ZUGY	L19LY	RW19L	IDL13	4'129 ft	3'771 ft	-358 ft
ZUGY	L19LZ	RW19L	IDL13	4'129 ft	3'771 ft	-358 ft
ZUGY	L19RY	RW19R	IGY13	4'147 ft	3'781 ft	-366 ft
ZUGY	L19RZ	RW19R	IGY13	4'147 ft	3'781 ft	-366 ft
ZUKJ	R04	RW04	HP700	3'046 ft	3'046 ft	ft
ZUKJ	R22	RW22	HP800	3'039 ft	3'039 ft	ft
ZULS	L27R	RW27R	ISS76	14'110 ft	11'754 ft	-2'356 ft
ZUNC	H24	RW24	NC300	1'144 ft	1'144 ft	ft
ZUNC	R06	RW06	NC200	1'213 ft	1'213 ft	ft
ZUPS	H05	RW05	PS600	ft	6'530 ft	6'530 ft
ZUPS	H23	RW23	PS500	ft	6'484 ft	6'484 ft
ZUPS	L23-Z	RW23	IYZ25	7'257 ft	6'484 ft	-773 ft
ZUTF	L01-Y	RW01	ITF14	1'888 ft	1'491 ft	-397 ft
ZUTF	L01-Z	RW01	ITF14	1'888 ft	1'491 ft	-397 ft
ZUTF	L02-Y	RW02	ITV14	1'893 ft	1'498 ft	-395 ft
ZUTF	L02-Z	RW02	ITV14	1'893 ft	1'498 ft	-395 ft
ZUTF	L19-Y	RW19	ICT16	1'947 ft	1'491 ft	-456 ft
ZUTF	L19-Z	RW19	ICT16	1'947 ft	1'491 ft	-456 ft
ZUTF	L20-Y	RW20	IFM14	1'892 ft	1'499 ft	-393 ft
ZUTF	L20-Z	RW20	IFM14	1'892 ft	1'499 ft	-393 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZUUU	L02LY	RW02L	IZW14	2'062 ft	1'667 ft	-395 ft
ZUUU	L02LZ	RW02L	IZW14	2'062 ft	1'667 ft	-395 ft
ZUUU	L02RY	RW02R	ICR14	2'111 ft	1'731 ft	-380 ft
ZUUU	L02RZ	RW02R	ICR14	2'111 ft	1'731 ft	-380 ft
ZUUU	L20LY	RW20L	IDE17	2'178 ft	1'679 ft	-499 ft
ZUUU	L20LZ	RW20L	IDE17	2'178 ft	1'679 ft	-499 ft
ZUUU	L20RY	RW20R	IAA14	2'070 ft	1'675 ft	-395 ft
ZUUU	L20RZ	RW20R	IAA14	2'070 ft	1'675 ft	-395 ft
ZUWL	H01	RW01	WL500	ft	5'772 ft	5'772 ft
ZUWL	H19	RW19	WL600	ft	5'762 ft	5'762 ft
ZUWL	L19-Y	RW19	IKW21	6'365 ft	5'763 ft	-602 ft
ZUWL	L19-Z	RW19	IKW21	6'365 ft	5'763 ft	-602 ft
ZUWX	H11	RW11	WX410	ft	1'892 ft	1'892 ft
ZUWX	H29	RW29	WX420	ft	1'928 ft	1'928 ft
ZUXC	L36	RW36	IGO34	6'145 ft	5'124 ft	-1'021 ft
ZUYI	R16	RW16	XY410	ft	4'163 ft	4'163 ft
ZUYI	R34	RW34	XY420	ft	4'129 ft	4'129 ft

## ZS

ZSAM	L05-Y	RW05	IWF09	334 ft	107 ft	-227 ft
ZSAM	L05-Z	RW05	IWF09	334 ft	107 ft	-227 ft
ZSAM	L23-Y	RW23	IKK10	342 ft	86 ft	-256 ft
ZSAM	L23-Z	RW23	IKK10	342 ft	86 ft	-256 ft
ZSCG	L11-Y	RW11	IZJ12	400 ft	72 ft	-328 ft
ZSCG	L11-Z	RW11	IZJ12	400 ft	72 ft	-328 ft
ZSCG	L29-Y	RW29	IBN12	402 ft	74 ft	-328 ft
ZSCG	L29-Z	RW29	IBN12	402 ft	74 ft	-328 ft
ZSCN	L03-Y	RW03	IEE11	465 ft	172 ft	-293 ft
ZSCN	L03-Z	RW03	IEE11	465 ft	172 ft	-293 ft
ZSCN	L21-Y	RW21	INC11	485 ft	182 ft	-303 ft
ZSCN	L21-Z	RW21	INC11	485 ft	182 ft	-303 ft
ZSDY	R18	RW18	DY100	66 ft	66 ft	ft
ZSDY	R36	RW36	DY200	ft	66 ft	66 ft
ZSFY	H03	RW03	FY100	ft	157 ft	157 ft
ZSFY	H21	RW21	FY200	ft	157 ft	157 ft
ZSFZ	L03-Y	RW03	ICL09	306 ft	71 ft	-235 ft
ZSFZ	L03-Z	RW03	ICL09	306 ft	71 ft	-235 ft
ZSFZ	L21-Y	RW21	INN13	462 ft	97 ft	-365 ft
ZSFZ	L21-Z	RW21	INN13	462 ft	97 ft	-365 ft
ZSHC	L06-Y	RW06	IXS14	465 ft	72 ft	-393 ft
ZSHC	L06-Z	RW06	IXS14	465 ft	72 ft	-393 ft
ZSHC	L07-Y	RW07	IXX11	365 ft	72 ft	-293 ft
ZSHC	L07-Z	RW07	IXX11	357 ft	72 ft	-285 ft
ZSHC	L24-Y	RW24	IHZ12	404 ft	72 ft	-332 ft
ZSHC	L24-Z	RW24	IHZ12	404 ft	72 ft	-332 ft
ZSHC	L25-Y	RW25	IDD11	365 ft	72 ft	-293 ft
ZSHC	L25-Z	RW25	IDD11	380 ft	72 ft	-308 ft
ZSHZ	H18	RW18	HZ100	ft	205 ft	205 ft
ZSHZ	H36	RW36	HZ200	ft	205 ft	205 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZSJG	H09	RW09	JG100	175 ft	175 ft	ft
ZSJG	H27	RW27	JG200	173 ft	173 ft	ft
ZSJH	R31	RW31	CZ200	ft	116 ft	116 ft
ZSJM	L01-Y	RW01	IFF11	423 ft	126 ft	-297 ft
ZSJM	L01-Z	RW01	IFF11	423 ft	126 ft	-297 ft
ZSJM	L19-Y	RW19	IGO11	421 ft	123 ft	-298 ft
ZSJM	L19-Z	RW19	IGO11	421 ft	123 ft	-298 ft
ZSLG	L03-Y	RW03	IGH11	362 ft	68 ft	-294 ft
ZSLG	L03-Z	RW03	IGH11	362 ft	68 ft	-294 ft
ZSLG	L21-Y	RW21	IXH12	397 ft	68 ft	-329 ft
ZSLG	L21-Z	RW21	IXH12	397 ft	68 ft	-329 ft
ZSLO	H03	RW03	LO100	ft	1'269 ft	1'269 ft
ZSLO	H21	RW21	LO200	ft	1'274 ft	1'274 ft
ZSNB	L13-Y	RW13	IBK01	357 ft	62 ft	-295 ft
ZSNB	L13-Z	RW13	IBK01	357 ft	62 ft	-295 ft
ZSNB	L31-Y	RW31	ILL12	393 ft	62 ft	-331 ft
ZSNB	L31-Z	RW31	ILL12	393 ft	62 ft	-331 ft
ZSNJ	L06-Y	RW06	IMI12	422 ft	93 ft	-329 ft
ZSNJ	L06-Z	RW06	IMI12	422 ft	93 ft	-329 ft
ZSNJ	L07-Y	RW07	IZZ14	489 ft	91 ft	-398 ft
ZSNJ	L07-Z	RW07	IZZ14	489 ft	91 ft	-398 ft
ZSNJ	L24-Y	RW24	IGG12	416 ft	88 ft	-328 ft
ZSNJ	L24-Z	RW24	IGG12	416 ft	88 ft	-328 ft
ZSNJ	L25-Y	RW25	IPX17	572 ft	89 ft	-483 ft
ZSNJ	L25-Z	RW25	IPX17	572 ft	89 ft	-483 ft
ZSNT	L18-Y	RW18	IXD12	386 ft	66 ft	-320 ft
ZSNT	L18-Z	RW18	IXD12	386 ft	66 ft	-320 ft
ZSNT	L36-Y	RW36	INT12	394 ft	66 ft	-328 ft
ZSNT	L36-Z	RW36	INT12	394 ft	66 ft	-328 ft
ZSOF	L15-Y	RW15	IHF12	580 ft	250 ft	-330 ft
ZSOF	L15-Z	RW15	IHF12	580 ft	250 ft	-330 ft
ZSOF	L33-Y	RW33	IXQ12	586 ft	258 ft	-328 ft
ZSOF	L33-Z	RW33	IXQ12	586 ft	258 ft	-328 ft
ZSPD	L16LY	RW16L	11IHL	358 ft	62 ft	-296 ft
ZSPD	L16LZ	RW16L	11IHL	358 ft	62 ft	-296 ft
ZSPD	L16RY	RW16R	IZZ07	229 ft	61 ft	-168 ft
ZSPD	L16RZ	RW16R	IZZ07	242 ft	61 ft	-181 ft
ZSPD	L17LY	RW17L	IPD12	389 ft	60 ft	-329 ft
ZSPD	L17LZ	RW17L	IPD12	389 ft	60 ft	-329 ft
ZSPD	L17RY	RW17R	IKM08	263 ft	62 ft	-201 ft
ZSPD	L17RZ	RW17R	IKM08	263 ft	62 ft	-201 ft
ZSPD	L34LX	RW34L	IDD07	242 ft	61 ft	-181 ft
ZSPD	L34LY	RW34L	IDD07	236 ft	61 ft	-175 ft
ZSPD	L34LZ	RW34L	IDD07	242 ft	61 ft	-181 ft
ZSPD	L34RY	RW34R	IPR11	357 ft	62 ft	-295 ft
ZSPD	L34RZ	RW34R	IPR11	359 ft	62 ft	-297 ft
ZSPD	L35LY	RW35L	IBD08	263 ft	62 ft	-201 ft
ZSPD	L35LZ	RW35L	IBD08	263 ft	62 ft	-201 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZSPD	L35RY	RW35R	PUD38	384 ft	60 ft	-324 ft
ZSPD	L35RZ	RW35R	PUD38	384 ft	60 ft	-324 ft
ZSQD	L16-Y	RW16	IDA11	387 ft	77 ft	-310 ft
ZSQD	L16-Z	RW16	IDA11	387 ft	77 ft	-310 ft
ZSQD	L17-Y	RW17	12IQD	408 ft	79 ft	-329 ft
ZSQD	L17-Z	RW17	12IQD	408 ft	79 ft	-329 ft
ZSQD	L34-Y	RW34	IIN12	404 ft	77 ft	-327 ft
ZSQD	L34-Z	RW34	IIN12	404 ft	77 ft	-327 ft
ZSQD	L35-Y	RW35	12IQX	404 ft	77 ft	-327 ft
ZSQD	L35-Z	RW35	12IQX	404 ft	77 ft	-327 ft
ZSQZ	L03-Y	RW03	IDD13	431 ft	71 ft	-360 ft
ZSQZ	L03-Z	RW03	IDD13	430 ft	71 ft	-359 ft
ZSQZ	L21-Y	RW21	IJZ01	332 ft	66 ft	-266 ft
ZSQZ	L21-Z	RW21	IJZ01	341 ft	66 ft	-275 ft
ZSSH	L04-Y	RW04	MI04	384 ft	84 ft	-300 ft
ZSSH	L04-Z	RW04	MI04	384 ft	84 ft	-300 ft
ZSSH	L22-Y	RW22	MI22	288 ft	84 ft	-204 ft
ZSSH	L22-Z	RW22	MI22	295 ft	84 ft	-211 ft
ZSSS	L18LY	RW18L	IPK10	332 ft	56 ft	-276 ft
ZSSS	L18LZ	RW18L	IPK10	332 ft	56 ft	-276 ft
ZSSS	L18RY	RW18R	IHQ10	334 ft	59 ft	-275 ft
ZSSS	L18RZ	RW18R	IHQ10	334 ft	59 ft	-275 ft
ZSSS	L36LY	RW36L	ISH11	358 ft	59 ft	-299 ft
ZSSS	L36LZ	RW36L	ISH11	358 ft	59 ft	-299 ft
ZSSS	L36RY	RW36R	IWB10	335 ft	59 ft	-276 ft
ZSSS	L36RZ	RW36R	IWB10	335 ft	59 ft	-276 ft
ZSTX	L13	RW13	IWS09	729 ft	491 ft	-238 ft
ZSWA	H06	RW06	WA100	ft	128 ft	128 ft
ZSWA	H24	RW24	WA200	ft	102 ft	102 ft
ZSWA	L06-Y	RW06	IWH15	541 ft	128 ft	-413 ft
ZSWA	L06-Z	RW06	IWH15	541 ft	128 ft	-413 ft
ZSWA	L24-Y	RW24	IXC11	414 ft	102 ft	-312 ft
ZSWA	L24-Z	RW24	IXC11	414 ft	102 ft	-312 ft
ZSWH	L03-Y	RW03	IXM12	485 ft	163 ft	-322 ft
ZSWH	L03-Z	RW03	IXM12	481 ft	163 ft	-318 ft
ZSWH	L21-Y	RW21	IQC14	583 ft	196 ft	-387 ft
ZSWH	L21-Z	RW21	IQC14	585 ft	196 ft	-389 ft
ZSWX	L03-Y	RW03	IMF11	368 ft	65 ft	-303 ft
ZSWX	L03-Z	RW03	IMF11	368 ft	65 ft	-303 ft
ZSWX	L21-Y	RW21	IFS12	397 ft	66 ft	-331 ft
ZSWX	L21-Z	RW21	IFS12	398 ft	67 ft	-331 ft
ZSWY	L03-Y	RW03	IJW28	1'576 ft	681 ft	-895 ft
ZSWY	L03-Z	RW03	IJW28	1'573 ft	681 ft	-892 ft
ZSWZ	L03-Y	RW03	IKN09	290 ft	67 ft	-223 ft
ZSWZ	L03-Z	RW03	IKN09	291 ft	67 ft	-224 ft
ZSWZ	L21-Y	RW21	IWZ09	291 ft	67 ft	-224 ft
ZSWZ	L21-Z	RW21	IWZ09	291 ft	67 ft	-224 ft
ZSXY	L14	RW14	HFE21	454 ft	143 ft	-311 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZSXY	L32	RW32	HFE16	481 ft	122 ft	-359 ft
ZSXZ	L09-Y	RW09	XUZ13	394 ft	165 ft	-229 ft
ZSXZ	L09-Z	RW09	XUZ13	394 ft	165 ft	-229 ft
ZSXZ	L27-Y	RW27	IXG09	399 ft	165 ft	-234 ft
ZSXZ	L27-Z	RW27	IXG09	399 ft	165 ft	-234 ft
ZSYA	L17-Y	RW17	12ITZ	393 ft	66 ft	-327 ft
ZSYA	L17-Z	RW17	12ITZ	395 ft	66 ft	-329 ft
ZSYA	L35-Y	RW35	ISZ12	395 ft	66 ft	-329 ft
ZSYA	L35-Z	RW35	ISZ12	395 ft	66 ft	-329 ft
ZSYN	L04-Y	RW04	IGF10	321 ft	61 ft	-260 ft
ZSYN	L04-Z	RW04	IGF10	319 ft	61 ft	-258 ft
ZSYN	L22-Y	RW22	IYC10	320 ft	60 ft	-260 ft
ZSYN	L22-Z	RW22	IYC10	318 ft	60 ft	-258 ft
ZSYT	L05-Y	RW05	IYN11	492 ft	204 ft	-288 ft
ZSYT	L05-Z	RW05	IYN11	496 ft	204 ft	-292 ft
ZSYT	L23-Y	RW23	YCS	420 ft	194 ft	-226 ft
ZSYT	L23-Z	RW23	YCS	420 ft	194 ft	-226 ft
ZSYW	L02	RW02	IZX14	709 ft	323 ft	-386 ft
ZSZS	L18-Y	RW18	IPT14	447 ft	56 ft	-391 ft
ZSZS	L18-Z	RW18	IPT14	447 ft	56 ft	-391 ft
ZSZS	L36-Y	RW36	IZS15	526 ft	56 ft	-470 ft
ZSZS	L36-Z	RW36	IZS15	526 ft	56 ft	-470 ft

## ZW

ZWAK	H09	RW09	WS100	ft	3'871 ft	3'871 ft
ZWAK	H27	RW27	WS200	ft	3'887 ft	3'887 ft
ZWAK	L09-Y	RW09	ISK14	4'267 ft	3'871 ft	-396 ft
ZWAK	L09-Z	RW09	ISK14	4'267 ft	3'871 ft	-396 ft
ZWAK	L27-Y	RW27	J	4'061 ft	3'887 ft	-174 ft
ZWAK	L27-Z	RW27	J	4'061 ft	3'887 ft	-174 ft
ZWBL	L28-Z	RW28	BOL	1'523 ft	1'311 ft	-212 ft
ZWFY	H12-Y	RW12	FY800	ft	3'139 ft	3'139 ft
ZWFY	H12-Z	RW12	FY800	ft	3'133 ft	3'133 ft
ZWFY	H30-Y	RW30	FY600	ft	3'124 ft	3'124 ft
ZWFY	H30-Z	RW30	FY600	ft	3'118 ft	3'118 ft
ZWFY	L30-Y	RW30	XFY	3'302 ft	3'118 ft	-184 ft
ZWHZ	H09	RW09	HZ600	ft	1'748 ft	1'748 ft
ZWHZ	H27	RW27	HZ700	ft	1'745 ft	1'745 ft
ZWHZ	L27-Y	RW27	DJS	1'946 ft	1'745 ft	-201 ft
ZWHZ	L27-Z	RW27	DJS	1'946 ft	1'745 ft	-201 ft
ZWNL	H08	RW08	NL800	ft	3'082 ft	3'082 ft
ZWNL	H26	RW26	NL600	ft	3'122 ft	3'122 ft
ZWSH	L08-Y	RW08	IXX09	4'815 ft	4'573 ft	-242 ft
ZWSH	L08-Z	RW08	IXX09	4'814 ft	4'573 ft	-241 ft
ZWSH	L26-Y	RW26	ILL14	4'927 ft	4'547 ft	-380 ft
ZWSH	L26-Z	RW26	ILL14	4'925 ft	4'547 ft	-378 ft
ZWTC	H12-Y	RW12	TC400	2'060 ft	2'060 ft	ft
ZWTC	H12-Z	RW12	TC400	2'060 ft	2'060 ft	ft
ZWTC	H30-Y	RW30	TC600	2'046 ft	2'046 ft	ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZWTC	H30-Z	RW30	TC600	2'046 ft	2'046 ft	ft
ZWTC	L12-Y	RW12	ITD07	2'233 ft	2'061 ft	-172 ft
ZWTC	L12-Z	RW12	ITD07	2'233 ft	2'061 ft	-172 ft
ZWTC	L30-Y	RW30	TCH	2'219 ft	2'047 ft	-172 ft
ZWTC	L30-Z	RW30	TCH	2'219 ft	2'047 ft	-172 ft
ZWTN	L29	RW29	IRB01	4'979 ft	4'721 ft	-258 ft
ZWWW	L07-Y	RW07	IOY07	2'340 ft	2'175 ft	-165 ft
ZWWW	L07-Z	RW07	IOY07	2'341 ft	2'175 ft	-166 ft
ZWWW	L25-Y	RW25	IRM07	2'341 ft	2'176 ft	-165 ft
ZWWW	L25-Z	RW25	IRM07	2'341 ft	2'176 ft	-165 ft
ZWYN	L06-Y	RW06	IUU72	2'411 ft	2'230 ft	-181 ft

## ZY

ZBLA	L27	RW27	U	2'383 ft	2'201 ft	-182 ft
ZYCC	L06-Y	RW06	D	925 ft	756 ft	-169 ft
ZYCC	L06-Z	RW06	D	925 ft	756 ft	-169 ft
ZYCC	L24-Y	RW24	P	869 ft	696 ft	-173 ft
ZYCC	L24-Z	RW24	P	869 ft	696 ft	-173 ft
ZYCY	L36-Y	RW36	Y	799 ft	618 ft	-181 ft
ZYCY	L36-Z	RW36	Y	799 ft	618 ft	-181 ft
ZYHB	L05-X	RW05	L	679 ft	507 ft	-172 ft
ZYHB	L05-Y	RW05	L	679 ft	507 ft	-172 ft
ZYHB	L05-Z	RW05	L	679 ft	507 ft	-172 ft
ZYHB	L23-X	RW23	M	661 ft	489 ft	-172 ft
ZYHB	L23-Y	RW23	M	662 ft	489 ft	-173 ft
ZYHB	L23-Z	RW23	M	661 ft	488 ft	-173 ft
ZYJM	L06-X	RW06	R	490 ft	312 ft	-178 ft
ZYJM	L06-Y	RW06	R	490 ft	312 ft	-178 ft
ZYJX	H12	RW12	JX500	ft	785 ft	785 ft
ZYJX	H30	RW30	JX600	ft	768 ft	768 ft
ZYJX	L30-Y	RW30	IJX07	941 ft	769 ft	-172 ft
ZYJX	L30-Z	RW30	IJX07	941 ft	769 ft	-172 ft
ZYMD	L22-Y	RW22	IQM07	1'081 ft	918 ft	-163 ft
ZYMD	L22-Z	RW22	IQM07	1'081 ft	918 ft	-163 ft
ZYQQ	L17LW	RW17L	G	711 ft	527 ft	-184 ft
ZYQQ	L17LX	RW17L	G	711 ft	527 ft	-184 ft
ZYQQ	L17LY	RW17L	G	711 ft	527 ft	-184 ft
ZYTL	H10-Y	RW10	TL500	167 ft	155 ft	-12 ft
ZYTL	H10-Z	RW10	TL500	167 ft	155 ft	-12 ft
ZYTL	L10-Y	RW10	ABMZ	370 ft	156 ft	-214 ft
ZYTL	L10-Z	RW10	ABMZ	370 ft	156 ft	-214 ft
ZYTL	L28-Y	RW28	ABDBL	403 ft	139 ft	-264 ft
ZYTL	L28-Z	RW28	ABDBL	403 ft	139 ft	-264 ft
ZYTX	L06-Y	RW06	P	390 ft	220 ft	-170 ft
ZYTX	L06-Z	RW06	P	390 ft	220 ft	-170 ft
ZYTX	L24-Y	RW24	K	420 ft	248 ft	-172 ft
ZYTX	L24-Z	RW24	K	417 ft	248 ft	-169 ft
ZYYJ	L09-Y	RW09	J	889 ft	671 ft	-218 ft
ZYYJ	L09-Z	RW09	J	887 ft	671 ft	-216 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZYYJ	L27-Y	RW27	13YNJ	850 ft	647 ft	-203 ft
ZYYJ	L27-Z	RW27	13YNJ	850 ft	647 ft	-203 ft