

# RNAV/LOC/LOC BC Apchs with MAP before Rwy Cycle 2013

	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	H23	RW23	GH23M	787 ft	331 ft	-456 ft
	BGGH	L23-Y	RW23	GN18	729 ft	331 ft	-398 ft
	BGGH	L23-Z	RW23	GN18	729 ft	331 ft	-398 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	R13	RW13	PIXIV	1'198 ft	83 ft	-1'115 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	1'381 ft	57 ft	-1'324 ft
	BIAR	L19	RW19	17IAR	634 ft	55 ft	-579 ft
	BIAR	L19	RW19	17IAR	634 ft	55 ft	-579 ft
	BIEG	L04	RW04	IES01	443 ft	125 ft	-318 ft
	BIGR	R35	RW35	GRM35	429 ft	125 ft	-304 ft
	BIHN	R18	RW18	HNM18	545 ft	74 ft	-471 ft
	BIHN	R36	RW36	HNM36	336 ft	57 ft	-279 ft
	BIKF	L01-Y	RW01	IKN7	344 ft	185 ft	-159 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	255 ft	159 ft	-96 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	399 ft	79 ft	-320 ft
BIRK	L19-Z	RW19	IRK01	399 ft	79 ft	-320 ft
BIRL	H01	RW01	RLM01	1'399 ft	1'081 ft	-318 ft
BIVM	R12	RW12	VMM12	963 ft	348 ft	-615 ft
BIVO	R04	RW04	VOM05	473 ft	59 ft	-414 ft

**BK**

BKPR	L17	RW17	PRS07	1'984 ft	1'839 ft	-145 ft
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**CY**

CAD4	R34	RW34	ODKEK	2'569 ft	1'457 ft	-1'112 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
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
CEC4	R20-Y	RW20	GOSAS	4'881 ft	4'036 ft	-845 ft
CEC4	R20-Z	RW20	GOSAS	4'881 ft	4'036 ft	-845 ft
CEG8	R21	RW21	VIMLO	1'189 ft	1'030 ft	-159 ft
CFH4	R33	RW33	EPVOS	102 ft	102 ft	ft
CFN5	R07	RW07	PUVON	1'512 ft	1'098 ft	-414 ft
CFN6	R14	RW14	PIDKI	2'450 ft	2'354 ft	-96 ft
CJP9	R05-Y	RW05	IKMAS	1'198 ft	752 ft	-446 ft
CJT4	R10	RW10	VIPGU	1'341 ft	927 ft	-414 ft
CJT4	R28	RW28	LOGSI	1'246 ft	928 ft	-318 ft
CJV7	R17	RW17	KIVEV	1'039 ft	882 ft	-157 ft
CKB2	R14	RW14	AVRUD	1'863 ft	1'481 ft	-382 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	136 ft	88 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	2'347 ft	2'306 ft	-41 ft
CRL4	R26	RW26	ALKEM	2'422 ft	2'265 ft	-157 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	R05	RW05	NOROK	1'277 ft	1'041 ft	-236 ft
CSZ4	R23	RW23	XULKO	1'233 ft	983 ft	-250 ft
CTA4	R10	RW10	BEXUX	918 ft	822 ft	-96 ft
CTA4	R28	RW28	ETBUB	1'143 ft	870 ft	-273 ft
CTG3	R08	RW08	TIKOT	177 ft	113 ft	-64 ft
CTG3	R26	RW26	APKIR	229 ft	133 ft	-96 ft
CVB2	R11	RW11	URTES	431 ft	295 ft	-136 ft
CVB2	R29	RW29	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	809 ft	-7 ft
CYBB	R23	RW23	VOBUB	228 ft	70 ft	-158 ft
CYBG	L29-W	RW29	XBG01	649 ft	561 ft	-88 ft
CYBG	L29-Z	RW29	XBG01	649 ft	561 ft	-88 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
CYDA	R03	RW03	BUBEK	1'315 ft	1'253 ft	-62 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	R02-Y	RW02	ITGEL	3'102 ft	2'653 ft	-449 ft
CYDL	R02-Z	RW02	ITGEL	3'102 ft	2'653 ft	-449 ft
CYDL	R20-Y	RW20	VIBTO	2'791 ft	2'676 ft	-115 ft
CYDL	R20-Z	RW20	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
CYFC	R15-Z	RW15	KIRUX	366 ft	103 ft	-263 ft
CYGK	R25	RW25	AGBOK	761 ft	347 ft	-414 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	1'778 ft	1'183 ft	-595 ft
CYKM	R13-Z	RW13	XOSID	965 ft	806 ft	-159 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	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	R27	RW27	VIXOP	2'480 ft	2'305 ft	-175 ft
CYQT	R12-Z	RW12	OMPU	1'292 ft	702 ft	-590 ft
CYQZ	R13-Y	RW13	PEMSO	1'835 ft	1'828 ft	-7 ft
CYRI	R05-Z	RW05	VOGUS	631 ft	470 ft	-161 ft
CYSG	R06-Z	RW06	KELKI	1'068 ft	909 ft	-159 ft
CYSH	R06	RW06	SEGES	626 ft	467 ft	-159 ft
CYSZ	R14	RW14	DURID	570 ft	90 ft	-480 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
CYYR	L08-Z	RW08	UYR17	288 ft	207 ft	-81 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
CYZT	R26-Y	RW26	KEDPO	400 ft	82 ft	-318 ft
CYZT	R26-Z	RW26	KEDPO	400 ft	82 ft	-318 ft
CYZW	R09	RW09	URLUL	2'500 ft	2'322 ft	-178 ft

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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
CZMT	R13-Z	RW13	MELTU	225 ft	66 ft	-159 ft
CZSN	R36	RW36	EMUXO	1'257 ft	970 ft	-287 ft
CZUM	R13	RW13	VIXOB	1'642 ft	1'480 ft	-162 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	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
DAON	L25	RW25	15TL	1'285 ft	857 ft	-428 ft
DAON	L25	RW25	15TL	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	1TG	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	CN01	329 ft	63 ft	-266 ft
DBBB	L24-Z	RW24	CN01	329 ft	63 ft	-266 ft

## DF

DFFD	L04-Y	RW04	OUA	1'268 ft	1'083 ft	-185 ft
DFFD	L04-Z	RW04	OUA	1'268 ft	1'083 ft	-185 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

## DG

DGAA	L21	RW21	IACA8	462 ft	247 ft	-215 ft
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## DI

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-X	RW05	YAM	806 ft	701 ft	-105 ft

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	DIYO	L05-Y	RW05	YAM	806 ft	701 ft	-105 ft
	DIYO	L05-Z	RW05	YAM	806 ft	701 ft	-105 ft
<b>DN</b>							
	DNAA	L04	RW04	ABC33	1'157 ft	1'137 ft	-20 ft
<b>DR</b>							
	DRRN	L09R	RW09R	NM01	1'039 ft	778 ft	-261 ft
<b>DT</b>							
	DTMB	L07	RW07	07MIS	233 ft	58 ft	-175 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	300 ft	112 ft	-188 ft
	DXXX	L22-Z	RW22	LM	300 ft	112 ft	-188 ft
<b>EB</b>							
	EBAW	L29	RW29	MM29	251 ft	81 ft	-170 ft
	EBBE	L22RX	RW22R	BBE15	616 ft	366 ft	-250 ft
	EBBE	L22RY	RW22R	BBE15	624 ft	366 ft	-258 ft
	EBBE	L22RZ	RW22R	BBE15	624 ft	366 ft	-258 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
	EBCV	L26	RW26	SL26	613 ft	224 ft	-389 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	IBI01	880 ft	627 ft	-253 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
	EDBC	L26	RW26	CB	829 ft	646 ft	-183 ft
	EDDB	L07L	RW07L	IBNE7	356 ft	194 ft	-162 ft
	EDDB	L07R	RW07R	07BSE	367 ft	202 ft	-165 ft
	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	945 ft	750 ft	-195 ft
	EDDE	L10	RW10	EFD13	1'274 ft	1'075 ft	-199 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EDDE	L28	RW28	EFD12	1'246 ft	1'066 ft	-180 ft
EDDF	L07C	RW07C	FCE06	530 ft	379 ft	-151 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
EDDH	L33	RW33	ALF09	245 ft	85 ft	-160 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	1'232 ft	1'072 ft	-160 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	MM08L	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
EDDT	L08L	RW08L	MM08L	322 ft	160 ft	-162 ft
EDDT	L08R	RW08R	MM08R	347 ft	159 ft	-188 ft
EDDT	L26L	RW26L	MM26L	333 ft	171 ft	-162 ft
EDDT	L26R	RW26R	MM26R	322 ft	167 ft	-155 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	HF07	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	L24	RW24	ABALG	2'231 ft	2'103 ft	-128 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	1'592 ft	1'418 ft	-174 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	1'113 ft	911 ft	-202 ft
EDVK	L27	RW27	MM27	1'008 ft	853 ft	-155 ft
EDXW	L32	RW32	MM32	236 ft	81 ft	-155 ft
ETAD	L05	RW05	SPE01	1'206 ft	1'178 ft	-28 ft
ETAD	L23	RW23	CAPAK	1'329 ft	1'247 ft	-82 ft
ETAR	L08	RW08	GEMPO	993 ft	810 ft	-183 ft
ETAR	L09	RW09	APVOM	1'004 ft	810 ft	-194 ft
ETAR	L26	RW26	LUKIK	1'025 ft	826 ft	-199 ft
ETAR	L27	RW27	IVLEL	851 ft	830 ft	-21 ft
ETHN	L25	RW25	MM25	1'787 ft	1'585 ft	-202 ft
ETMN	L08	RW08	INO07	288 ft	119 ft	-169 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	331 ft	190 ft	-141 ft
ETNL	L09-Z	RW09	LAG14	331 ft	190 ft	-141 ft
ETNL	L27-Y	RW27	MM28	328 ft	161 ft	-167 ft
ETNL	L27-Z	RW27	MM28	328 ft	161 ft	-167 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	391 ft	221 ft	-170 ft
ETNW	L08-Z	RW08	IWU07	391 ft	221 ft	-170 ft
ETNW	L26-Z	RW26	WUW0	380 ft	224 ft	-156 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ETNW	L26-Z	RW26	WUW0	380 ft	224 ft	-156 ft
ETOU	L25	RW25	TOU17	667 ft	509 ft	-158 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	1'563 ft	1'295 ft	-268 ft

## EE

EEEE	L06	RW06	IAM07	291 ft	115 ft	-176 ft
EEEE	L06	RW06	IAM07	291 ft	115 ft	-176 ft
EEEE	L24	RW24	07IGO	287 ft	110 ft	-177 ft
EEEE	L24	RW24	07IGO	287 ft	110 ft	-177 ft
EEKE	L17	RW17	IWA03	156 ft	60 ft	-96 ft
EETN	L08	RW08	IIB05	338 ft	180 ft	-158 ft
EETN	L26	RW26	ILK7	349 ft	185 ft	-164 ft
EETU	L26	RW26	IUM05	402 ft	243 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	566 ft	458 ft	-108 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	H34	RW34	KT362	1'098 ft	703 ft	-395 ft
EFKT	L16-Y	RW16	KT361	702 ft	683 ft	-19 ft
EFKT	L16-Z	RW16	KT361	701 ft	683 ft	-18 ft
EFKT	L34-Y	RW34	KT362	1'098 ft	695 ft	-403 ft
EFKT	L34-Z	RW34	KT362	1'097 ft	695 ft	-402 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	02TU	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	746 ft	428 ft	-318 ft
EGDM	L23-Z	RW23	IBO10	746 ft	428 ft	-318 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	414 ft	255 ft	-159 ft
EGFF	L12	RW12	ICDF0	414 ft	255 ft	-159 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	663 ft	-159 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	717 ft	558 ft	-159 ft
EGHQ	L12	RW12	NEW01	674 ft	356 ft	-318 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	479 ft	275 ft	-204 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	288 ft	129 ft	-159 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	999 ft	712 ft	-287 ft
EGNM	L32	RW32	ILF09	999 ft	712 ft	-287 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	L22	RW22	HDN01	386 ft	67 ft	-319 ft
EGNS	L08	RW08	IRH7	336 ft	79 ft	-257 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	406 ft	81 ft	-325 ft
EGPA	L09	RW09	IOR05	275 ft	89 ft	-186 ft
EGPA	L27	RW27	IKIR5	275 ft	89 ft	-186 ft
EGPB	L09	RW09	SUB05	233 ft	70 ft	-163 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	235 ft	76 ft	-159 ft
EGPF	L23	RW23	IOO1	387 ft	71 ft	-316 ft
EGPH	L06	RW06	IVG01	482 ft	160 ft	-322 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EGPH	L24	RW24	ITH01	468 ft	150 ft	-318 ft
EGPK	L12	RW12	IPP07	294 ft	88 ft	-206 ft
EGPN	L09	RW09	01DDE	392 ft	67 ft	-325 ft
EGPO	L18	RW18	STW5	242 ft	66 ft	-176 ft
EGPO	L36	RW36	SOY05	224 ft	65 ft	-159 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	97 ft	-161 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	554 ft	152 ft	-402 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	77 ft	-177 ft
EGUL	L06-Z	RW06	OTMUK	479 ft	77 ft	-402 ft
EGUL	L24-Y	RW24	XERSA	257 ft	78 ft	-179 ft
EGUL	L24-Z	RW24	XERSA	238 ft	78 ft	-160 ft
EGUN	L11	RW11	LORVA	235 ft	71 ft	-164 ft
EGUN	L29	RW29	GILOK	231 ft	83 ft	-148 ft
EGUW	L23	RW23	IWA01	657 ft	328 ft	-329 ft
EGVN	L07-N	RW07	BZA08	607 ft	334 ft	-273 ft
EGVN	L07-N	RW07	BZA08	609 ft	334 ft	-275 ft
EGVN	L07-T	RW07	BZA08	612 ft	334 ft	-278 ft
EGVN	L07-T	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
EGXU	L03	RW03	01LOO	243 ft	99 ft	-144 ft
EGXU	L21	RW21	LOO09	269 ft	100 ft	-169 ft
EGXW	L20	RW20	IWA8	525 ft	269 ft	-256 ft
EGYD	L26	RW26	ICW9	518 ft	230 ft	-288 ft
EGYD	L26-T	RW26	ICW9	518 ft	230 ft	-288 ft
EGYM	L24	RW24	IMR08	378 ft	111 ft	-267 ft

## EH

EHAM	L22	RW22	EH652	419 ft	36 ft	-383 ft
EHDL	L20	RW20	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
EHKD	L21	RW21	DKY08	243 ft	52 ft	-191 ft
EHLW	L05	RW05	LWZ6	188 ft	54 ft	-134 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EHLW	L09	RW09	WOL11	403 ft	53 ft	-350 ft
EHLW	L23	RW23	3LWO	164 ft	54 ft	-110 ft
EHLW	L27	RW27	LOB01	384 ft	53 ft	-331 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

## 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	16OO	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	05CIM	167 ft	71 ft	-96 ft
EKSB	L32	RW32	05CIM	167 ft	71 ft	-96 ft
EKSN	H08	RW08	SN08M	364 ft	141 ft	-223 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EKSP	L10LZ	RW10L	11SKR	189 ft	176 ft	-13 ft
EKSP	L28RZ	RW28R	27SKR	197 ft	191 ft	-6 ft
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	LW	1'402 ft	1'208 ft	-194 ft
ELLX	L24	RW24	LE	1'446 ft	1'263 ft	-183 ft

### EN

ENAL	H06-Z	RW06	AL799	595 ft	85 ft	-510 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	1'134 ft	179 ft	-955 ft
ENAS	H30	RW30	AS601	1'253 ft	153 ft	-1'100 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
ENBN	H03-X	RW03	FTP	74 ft	64 ft	-10 ft
ENBO	H25	RW25	BO633	151 ft	90 ft	-61 ft
ENBO	L07-Y	RW07	BO7	240 ft	69 ft	-171 ft
ENBO	L07-Z	RW07	BO9	303 ft	69 ft	-234 ft
ENBO	L25	RW25	BD11	445 ft	90 ft	-355 ft
ENBR	L17-W	RW17	BR8	408 ft	216 ft	-192 ft
ENBR	L35-W	RW35	BG01	454 ft	197 ft	-257 ft
ENBR	L35-Y	RW35	BG07	361 ft	197 ft	-164 ft
ENBS	L21	RW21	BT01	911 ft	539 ft	-372 ft
ENBV	L24	RW24	BV01	519 ft	79 ft	-440 ft
ENCN	L03	RW03	CN01	401 ft	91 ft	-310 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
ENHD	L13	RW13	HD5	240 ft	113 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-Z	RW07	KB18	764 ft	255 ft	-509 ft
ENKR	L23	RW23	KR7	525 ft	329 ft	-196 ft
ENKR	L23-X	RW23	KR7	585 ft	329 ft	-256 ft
ENKR	R23-X	RW23	KR509	388 ft	329 ft	-59 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	L34	RW34	MS01	671 ft	290 ft	-381 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	1'163 ft	111 ft	-1'052 ft
ENNO	L12	RW12	NT25	1'178 ft	111 ft	-1'067 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	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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ENSK	H27	RW27	SK551	532 ft	63 ft	-469 ft
ENSK	L09	RW09	01STK	368 ft	61 ft	-307 ft
ENSK	L27	RW27	SK5	344 ft	63 ft	-281 ft
ENSO	L14	RW14	SRD11	391 ft	204 ft	-187 ft
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	757 ft	77 ft	-680 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	407 ft	177 ft	-230 ft
ENZV	L11-Z	RW11	ZL01	331 ft	57 ft	-274 ft
ENZV	L11-Z	RW11	ZL01	331 ft	57 ft	-274 ft
ENZV	L18-Z	RW18	ZV09	301 ft	60 ft	-241 ft
ENZV	L36-Z	RW36	SL10	337 ft	79 ft	-258 ft

**EP**

EPBY	L26-Y	RW26	BYD8	489 ft	284 ft	-205 ft
EPCE	L25-Y	RW25	ICE08	737 ft	555 ft	-182 ft
EPCE	L25-Z	RW25	ICE08	737 ft	555 ft	-182 ft
EPDE	L30-X	RW30	IDN06	590 ft	443 ft	-147 ft
EPDE	L30-Y	RW30	ND	590 ft	443 ft	-147 ft
EPDE	L30-Z	RW30	ND	590 ft	443 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	908 ft	676 ft	-232 ft
EPLB	L25-Z	RW25	ISW09	908 ft	676 ft	-232 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	IOW8	389 ft	186 ft	-203 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



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
EPWA	L11-Z	RW11	WAS07	580 ft	412 ft	-168 ft
EPWA	L33-X	RW33	WA07	571 ft	408 ft	-163 ft
EPWA	L33-Z	RW33	WA07	568 ft	404 ft	-164 ft
EPWR	L29	RW29	WRO0	731 ft	451 ft	-280 ft
EPZG	L24-Y	RW24	IZG7	408 ft	238 ft	-170 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	277 ft	118 ft	-159 ft
ESDF	L01	RW01	NDF8	434 ft	231 ft	-203 ft
ESDF	L19	RW19	DF08	442 ft	260 ft	-182 ft
ESGG	L03	RW03	MM03	729 ft	528 ft	-201 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
ESGR	L19	RW19	MM19	525 ft	346 ft	-179 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	RW09	10SVE	1'475 ft	1'222 ft	-253 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	RW32	NL5	776 ft	739 ft	-37 ft
ESNN	L16	RW16	MM16	311 ft	66 ft	-245 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
ESNV	L28	RW28	MM28	1'370 ft	1'189 ft	-181 ft
ESNX	L12	RW12	ARV08	1'495 ft	1'292 ft	-203 ft
ESNX	L30	RW30	NX08	1'492 ft	1'290 ft	-202 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	720 ft	524 ft	-196 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	RW14	MM14	288 ft	115 ft	-173 ft
ESPA	L32	RW32	SPA06	269 ft	71 ft	-198 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	432 ft	175 ft	-257 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	623 ft	400 ft	-223 ft
ESST	L34	RW34	NST16	867 ft	444 ft	-423 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	MM29L	368 ft	186 ft	-182 ft
ESUP	L11	RW11	IUP7	761 ft	591 ft	-170 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

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**EV**

EVRA	L18	RW18	IRV03	178 ft	83 ft	-95 ft
EVRA	L36	RW36	IRP05	246 ft	87 ft	-159 ft

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**EY**

EYKA	L08	RW08	KNA1	617 ft	289 ft	-328 ft
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Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
EYKA	L26	RW26	23KNA	605 ft	308 ft	-297 ft
EYPA	L19	RW19	IAN14	474 ft	82 ft	-392 ft
EYSA	L14L	RW14L	SAU36	993 ft	497 ft	-496 ft
EYSA	L32R	RW32R	SAU07	757 ft	491 ft	-266 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

#### FA

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

#### FB

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

#### FD

FDMS	L07	RW07	MM07	2'354 ft	2'101 ft	-253 ft
FDSK	L20	RW20	ISK05	1'241 ft	1'135 ft	-106 ft

#### FE

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

#### FG

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

#### FH

FHAW	R13	RW13	FIPPS	512 ft	347 ft	-165 ft
FHSH	H20	RW20	SHNMP	1'304 ft	1'063 ft	-241 ft
FHSH	L20	RW20	SHNMP	1'304 ft	1'063 ft	-241 ft

#### FI

FIMP	L14	RW14	IPL06	458 ft	233 ft	-225 ft
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#### FJ

FJDG	L31	RW31	BAALL	277 ft	63 ft	-214 ft
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#### FK

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	932 ft	742 ft	-190 ft
FKKR	L09-Z	RW09	TJR	932 ft	742 ft	-190 ft

#### FL

FLKK	L10	RW10	MM10	4'021 ft	3'831 ft	-190 ft
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	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<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	SIA19	667 ft	62 ft	-605 ft
	FSIA	L31-Y	RW31	SIA16	572 ft	62 ft	-510 ft
	FSIA	L31-Z	RW31	SIA20	699 ft	62 ft	-637 ft
	FSIA	L31-Z	RW31	SIA22	763 ft	62 ft	-701 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
<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
	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

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<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	128 ft	-194 ft
	GCLP	L03LY	RW03L	06ILP	322 ft	128 ft	-194 ft
	GCLP	L03LZ	RW03L	06ILP	319 ft	128 ft	-191 ft
	GCLP	L21RY	RW21R	RLP01	411 ft	83 ft	-328 ft
	GCLP	L21RZ	RW21R	RLP01	403 ft	83 ft	-320 ft
	GCCR	L03-Y	RW03	IRR10	392 ft	69 ft	-323 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
GMAD		L27-Y	RW27	ADM	492 ft	303 ft	-189 ft
GMAD		L27-Z	RW27	ADM	492 ft	303 ft	-189 ft
GMAG		L05-Z	RW05	GLM16	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	703 ft	385 ft	-318 ft
GXML		L02	RW02	AUN01	539 ft	273 ft	-266 ft
GMMN		L17RY	RW17R	84CBA	952 ft	690 ft	-262 ft
GMMN		L17RZ	RW17R	84CBA	952 ft	690 ft	-262 ft
GMMN		L35L	RW35L	41NSR	953 ft	707 ft	-246 ft
GMMN		L35LZ	RW35L	D139	945 ft	705 ft	-240 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	1'557 ft	-289 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	59 ft	-705 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
	GMTT	L28-Z	RW28	TAG1	386 ft	113 ft	-273 ft
<b>GO</b>							
	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
<b>GQ</b>							
	GQNO	L06-Y	RW06	SY07	218 ft	60 ft	-158 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
<b>GU</b>							
	GUCY	L06-Z	RW06	08GIA	308 ft	118 ft	-190 ft
<b>GV</b>							
	GVAC	L01	RW01	MM01	415 ft	234 ft	-181 ft
	GVAC	L01-N	RW01	MM01	416 ft	234 ft	-182 ft
	GVSU	L06	RW06	ABSVT	136 ft	78 ft	-58 ft
	GVSU	R06	RW06	SV02W	718 ft	78 ft	-640 ft
<b>HA</b>							
	HAAB	L25LY	RW25L	1IAA	7'970 ft	7'643 ft	-327 ft
	HAAB	R25LY	RW25L	AB005	8'124 ft	7'643 ft	-481 ft
	HAAB	R25RY	RW25R	AB020	8'122 ft	7'652 ft	-470 ft
	HAAX	R34	RW34	AX006	7'902 ft	6'963 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	3'675 ft	-797 ft
	HAGN	R35	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
<b>HB</b>							
	HBBA	L17	RW17	MM17	2'825 ft	2'632 ft	-193 ft
<b>HD</b>							
	HDAM	L27	RW27	DTI50	176 ft	74 ft	-102 ft
<b>HE</b>							
	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	ILS05	337 ft	242 ft	-95 ft
	HECA	L23C	RW23C	06ILS	566 ft	427 ft	-139 ft
	HECA	L23R	RW23R	CAI	645 ft	249 ft	-396 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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

## HK

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
HKLK	H27	RW27	EGMUX	2'465 ft	2'137 ft	-328 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

## HL

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

## HR

HRYR	L28-Y	RW28	ML28	5'227 ft	4'924 ft	-303 ft
HRYR	L28-Z	RW28	ML28	5'227 ft	4'924 ft	-303 ft
HRYR	R28	RW28	GEXIN	5'310 ft	4'924 ft	-386 ft

## HS

HSMN	L02	RW02	MIN05	1'031 ft	925 ft	-106 ft
HSPN	L34-Y	RW34	PSD13	191 ft	185 ft	-6 ft
HSSJ	L13	RW13	IJC05	1'645 ft	1'514 ft	-131 ft
HSSJ	L13	RW13	IJC05	1'645 ft	1'514 ft	-131 ft
HSSS	L36	RW36	KIN08	1'510 ft	1'310 ft	-200 ft

## HT

HTDA	L05-Y	RW05	DV	365 ft	226 ft	-139 ft
HTDA	L05-Z	RW05	DV	365 ft	226 ft	-139 ft

## HU

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

## K1

1U7_	R10	RW10	GLUTS	6'159 ft	5'975 ft	-184 ft
3S8_	R13	RW13	ISNEJ	1'322 ft	1'139 ft	-183 ft
6S5_	R02	RW02	ARHIY	2'524 ft	2'366 ft	-158 ft
7S1_	R17	RW17	FAMIT	5'113 ft	4'834 ft	-279 ft
7S1_	R35	RW35	CAVUL	5'059 ft	4'805 ft	-254 ft
8S1_	R36	RW36	MIGSE	3'272 ft	2'979 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KBDN	R16-Y	RW16	HOND	3'610 ft	3'453 ft	-157 ft
KBDN	R34	RW34	FEDKU	3'668 ft	3'509 ft	-159 ft
KCII	R33	RW33	FAMOT	4'066 ft	3'987 ft	-79 ft
KCOE	L06	RW06	TIYOS	2'327 ft	2'327 ft	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	3'688 ft	-159 ft
KGCD	R09-Z	RW09	WIXOX	3'721 ft	3'702 ft	-19 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
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	2'789 ft	2'611 ft	-178 ft
KRLD	L19	RW19	JUDUB	524 ft	429 ft	-95 ft
KRNT	R16-Y	RW16	TOYOL	185 ft	74 ft	-111 ft
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	5'706 ft	4'091 ft	-1'615 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	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_	R10	RW10	ASICU	3'439 ft	3'286 ft	-153 ft
S39_	R28	RW28	UPEFI	3'606 ft	3'277 ft	-329 ft

**K2**

4V0_	R25	RW25	WUMO	5'494 ft	5'328 ft	-166 ft
67L_	R02	RW02	OYUDU	1'994 ft	1'915 ft	-79 ft
E45_	R09	RW09	JISAV	3'364 ft	2'935 ft	-429 ft
KAEJ	R33	RW33	ROBVY	8'420 ft	7'945 ft	-475 ft
KAPC	R06	RW06	ZAPIX	337 ft	65 ft	-272 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	4'825 ft	4'595 ft	-230 ft
KCXP	R27	RW27	WOKE	5'033 ft	4'737 ft	-296 ft
KDAG	R22	RW22	CUTNO	2'273 ft	1'949 ft	-324 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
KEDW	L23L	RW23L	CURBO	2'334 ft	2'332 ft	-2 ft
KEED	R29	RW29	ADUXE	1'086 ft	963 ft	-123 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	1'659 ft	1'405 ft	-254 ft
KFFZ	R04R	RW04R	GOYEB	1'661 ft	1'407 ft	-254 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
KHIF	L14-Z	RW14	MAP14	5'007 ft	4'833 ft	-174 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KHOB	B21	RW21	ZAVTI	3'883 ft	3'690 ft	-193 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
KLAS	R19L	RW19L	JABNA	2'302 ft	2'140 ft	-162 ft
KLAS	R19R	RW19R	PIRME	2'309 ft	2'149 ft	-160 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	1'283 ft	1'121 ft	-162 ft
KLUF	L21L	RW21L	JEVKU	1'320 ft	1'134 ft	-186 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	5'965 ft	5'789 ft	-176 ft
KNKX	L24R	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
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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	L34R	RW34R	GITBE	4'418 ft	4'274 ft	-144 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	R13	RW13	GUHW	393 ft	134 ft	-259 ft
KSNS	R31-Y	RW31	UGTAC	317 ft	141 ft	-176 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
KSUU	L21L	RW21L	TUVOY	166 ft	103 ft	-63 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
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	1 ft	-84 ft	-85 ft
KTUS	B29R	RW29R	ASONE	2'993 ft	2'693 ft	-300 ft
KTUS	L11L	RW11L	HUGIK	2'758 ft	2'628 ft	-130 ft
KTVL	R18	RW18	SAKYY	7'198 ft	6'315 ft	-883 ft
KUDD	R28	RW28	CEKMA	255 ft	91 ft	-164 ft
KUKI	L15	RW15	D19	1'083 ft	667 ft	-416 ft
KVBG	L12	RW12	BIMGE	442 ft	288 ft	-154 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
O46_	R14	RW14	ZIXIB	3'206 ft	2'947 ft	-259 ft
O60_	R32	RW32	TAKUY	866 ft	313 ft	-553 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KCOU	B20	RW20	YICCU	1'132 ft	926 ft	-206 ft
KDBQ	B13	RW13	MB13	1'322 ft	1'116 ft	-206 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	1'284 ft	1'216 ft	-68 ft
KJLN	B31	RW31	MAP48	1'243 ft	1'021 ft	-222 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
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	RW30	CULUX	1'176 ft	1'022 ft	-154 ft
KOTM	B13	RW13	OTM84	1'126 ft	881 ft	-245 ft
KPNM	R15	RW15	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
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	262 ft	104 ft	-158 ft
3R4_	R30	RW30	MOFCO	545 ft	357 ft	-188 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	R17R	RW17R	TRUKS	1'455 ft	1'321 ft	-134 ft
KEND	R35L	RW35L	SHAMB	1'487 ft	1'354 ft	-133 ft
KGMJ	R36	RW36	CERIV	1'027 ft	868 ft	-159 ft
KGPM	R35	RW35	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
KLCH	B33	RW33	HAGPO	295 ft	60 ft	-235 ft
KLRF	L25	RW25	SATEK	532 ft	340 ft	-192 ft
KLTS	L17L	RW17L	CFKRP	1'591 ft	1'432 ft	-159 ft
KLTS	L17R	RW17R	KOTVE	1'596 ft	1'429 ft	-167 ft
KLTS	L35L	RW35L	KEGVE	1'543 ft	1'396 ft	-147 ft
KLTS	L35R	RW35R	CFMZT	1'564 ft	1'404 ft	-160 ft
KMEZ	R17	RW17	SESIE	1'251 ft	1'081 ft	-170 ft
KNBG	L04	RW04	ZAGOR	210 ft	49 ft	-161 ft
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	RW13	LAPAZ	453 ft	307 ft	-146 ft
KNQI	L13R	RW13R	PEXIE	262 ft	100 ft	-162 ft
KORK	R35	RW35	RASNE	743 ft	581 ft	-162 ft
KRND	L15L	RW15L	JEPGA	942 ft	793 ft	-149 ft
KRND	L15R	RW15R	WUTO	963 ft	811 ft	-152 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
KSPS	R33R	RW33R	EVECI	1'179 ft	1'040 ft	-139 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	699 ft	-158 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	784 ft	658 ft	-126 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
KORD	L10RY	RW10R	WUGIX	859 ft	730 ft	-129 ft
KORD	R10RP	RW10R	CFLCC	741 ft	735 ft	-6 ft
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	693 ft	536 ft	-157 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	663 ft	622 ft	-41 ft
20N_	R15	RW15	NEWM	461 ft	197 ft	-264 ft
4B6_	R02	RW02	PODBE	494 ft	310 ft	-184 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KAVP	L04	RW04	FEVOR	1'018 ft	1'012 ft	-6 ft
KAVP	L22	RW22	FELDI	966 ft	961 ft	-5 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	194 ft	67 ft	-127 ft
KBOS	L27	RW27	OQDEK	455 ft	65 ft	-390 ft
KBOS	R32	RW32	PAARK	207 ft	64 ft	-143 ft
KBTV	R01	RW01	HEPES	535 ft	365 ft	-170 ft
KBTV	R33-Y	RW33	HABOK	570 ft	389 ft	-181 ft
KBVY	R09	RW09	MEMAE	292 ft	127 ft	-165 ft
KCBE	R05	RW05	LIDVE	923 ft	767 ft	-156 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
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
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	501 ft	380 ft	-121 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	626 ft	369 ft	-257 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	248 ft	120 ft	-128 ft
KIAG	R10L	RW10L	ZUKDU	790 ft	641 ft	-149 ft
KIPT	R12	RW12	YEXWU	764 ft	573 ft	-191 ft
KITH	L32	RW32	TUDVE	1'338 ft	1'149 ft	-189 ft
KJFK	R22LX	RW22L	CFLNN	105 ft	67 ft	-38 ft
KLEB	L18	RW18	GULEC	987 ft	614 ft	-373 ft
KLEB	R07	RW07	ZERKI	769 ft	612 ft	-157 ft
KLEB	R36	RW36	OSICE	819 ft	653 ft	-166 ft
KLFI	L08	RW08	ZOMPI	216 ft	57 ft	-159 ft
KLFI	L26	RW26	ZASPO	209 ft	56 ft	-153 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KLGA	R13	RW13	PRUZK	237 ft	67 ft	-170 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	OBGIW	2'488 ft	2'337 ft	-151 ft
KMGW	R36	RW36	GIVVE	1'467 ft	1'296 ft	-171 ft
KMSS	R09	RW09	ZIGMA	402 ft	253 ft	-149 ft
KNGU	L10	RW10	OTPEE	183 ft	63 ft	-120 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	76 ft	-161 ft
KOFP	L16	RW16	LUKCI	758 ft	247 ft	-511 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-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	IVSF8	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	528 ft	210 ft	-318 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	294 ft	218 ft	-76 ft
W00_	R36	RW36	XEFCU	387 ft	218 ft	-169 ft
W99_	R31-Y	RW31	YIKRU	1'192 ft	994 ft	-198 ft
W99_	R31-Z	RW31	YIKRU	1'192 ft	994 ft	-198 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	487 ft	327 ft	-160 ft
6A4_	R24	RW24	MILCO	2'468 ft	2'290 ft	-178 ft
KAPT	R04	RW04	ITIYO	850 ft	691 ft	-159 ft
KATL	L26L	RW26L	USUCI	1'264 ft	1'045 ft	-219 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



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
KCTZ	L06	RW06	UHBEK	551 ft	169 ft	-382 ft
KDYB	R24	RW24	JERAK	244 ft	84 ft	-160 ft
KEDE	R01	RW01	IVOTY	215 ft	57 ft	-158 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	411 ft	189 ft	-222 ft
KHRT	L36	RW36	GFROG	262 ft	85 ft	-177 ft
KHRT	R18	RW18	HEGON	207 ft	74 ft	-133 ft
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
KLNA	R34	RW34	NUYIT	244 ft	63 ft	-181 ft
KLSF	L33	RW33	MM33	436 ft	276 ft	-160 ft
KMCF	L04	RW04	EMIPE	204 ft	58 ft	-146 ft
KMCF	L22	RW22	FANED	208 ft	64 ft	-144 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	445 ft	59 ft	-386 ft
KMJD	R18-Y	RW18	XOPXY	250 ft	91 ft	-159 ft
KMLB	B27L	RW27L	OWZIJ	325 ft	74 ft	-251 ft
KMMT	L32	RW32	EGULE	404 ft	293 ft	-111 ft
KMXF	L15	RW15	WODU	367 ft	221 ft	-146 ft
KNDZ	L32	RW32	HIDAS	377 ft	215 ft	-162 ft
KNKT	L23R	RW23R	PEPAE	218 ft	69 ft	-149 ft
KNMM	L19L	RW19L	FAXAR	534 ft	366 ft	-168 ft
KNPA	L07LZ	RW07L	ONBIE	233 ft	73 ft	-160 ft
KNSE	L14	RW14	HU DU	425 ft	249 ft	-176 ft
KPAM	L14LZ	RW14L	CUTMI	193 ft	64 ft	-129 ft
KPAM	L32RZ	RW32R	JASES	208 ft	64 ft	-144 ft
KPDK	R21LY	RW21L	JOPUN	1'198 ft	1'041 ft	-157 ft
KPOB	L23-Y	RW23	WIBAX	468 ft	241 ft	-227 ft
KPOB	L23-Z	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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
KWDR	L31	RW31	BOWIT	1'111 ft	960 ft	-151 ft
KWRB	L15	RW15	FONOP	513 ft	343 ft	-170 ft
KWRB	L33	RW33	BOLGE	480 ft	323 ft	-157 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

**LB**

LBBG	L22	RW22	IBG06	352 ft	172 ft	-180 ft
LBPD	L30-W	RW30	MM30	853 ft	654 ft	-199 ft
LBPD	L30-X	RW30	MM30	853 ft	654 ft	-199 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	L29	RW29	IEC15	839 ft	406 ft	-433 ft
LCLK	L22	RW22	ILC05	205 ft	57 ft	-148 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	205 ft	57 ft	-148 ft
LCPH	L29	RW29	IPA06	201 ft	82 ft	-119 ft
LCPH	L29-P	RW29	IPA06	201 ft	82 ft	-119 ft
LCPH	L29-X	RW29	PHA	202 ft	82 ft	-120 ft
LCPH	L29-Y	RW29	IPA06	201 ft	82 ft	-119 ft
LCRA	L28	RW28	IAK5	295 ft	123 ft	-172 ft

**LD**

LDDU	L11	RW11	MM11	783 ft	569 ft	-214 ft
LDOS	L11	RW11	ISJ07	527 ft	341 ft	-186 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LDPL	L27	RW27	MM27	512 ft	325 ft	-187 ft
LDR1	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	RW04	MM04	585 ft	403 ft	-182 ft
LDZA	L04	RW04	MM04	584 ft	403 ft	-181 ft
LDZA	L22	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
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	L07L	RW07L	QAA10	390 ft	58 ft	-332 ft
LEBL	L07R	RW07R	BLE01	390 ft	58 ft	-332 ft
LEBL	L25L	RW25L	BLW10	382 ft	58 ft	-324 ft
LEBL	L25R	RW25R	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-Z	RW21	LCO11	685 ft	322 ft	-363 ft
LECO	L21-Z	RW21	LCO11	685 ft	322 ft	-363 ft
LEGE	L20-Y	RW20	GIR	854 ft	519 ft	-335 ft
LEGE	L20-Z	RW20	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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
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
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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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

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
LFBC	L24-Z	RW24	CAA16	286 ft	135 ft	-151 ft
LFBD	L23	RW23	BD006	357 ft	201 ft	-156 ft
LFBD	L29	RW29	BEI07	381 ft	210 ft	-171 ft
LFBE	L27	RW27	RM01	470 ft	212 ft	-258 ft
LFBG	L23-X	RW23	CNA10	358 ft	151 ft	-207 ft
LFBG	L23-Y	RW23	CNA10	357 ft	150 ft	-207 ft
LFBG	L23-Z	RW23	CNA10	357 ft	150 ft	-207 ft
LFBH	L27	RW27	RL01	415 ft	124 ft	-291 ft
LFBI	L21	RW21	PT9	694 ft	471 ft	-223 ft
LFBL	L21	RW21	LG01	1'596 ft	1'325 ft	-271 ft
LFBM	L27	RW27	LGH09	449 ft	247 ft	-202 ft
LFBM	L27-Y	RW27	ML27	438 ft	247 ft	-191 ft
LFBO	L14L	RW14L	TG10	806 ft	539 ft	-267 ft
LFBO	L14R	RW14R	TBS10	793 ft	538 ft	-255 ft
LFBO	L32L	RW32L	TBN01	804 ft	547 ft	-257 ft
LFBO	L32R	RW32R	TD01	812 ft	547 ft	-265 ft
LFBP	L31-Y	RW31	PYR08	858 ft	666 ft	-192 ft
LFBP	L31-Z	RW31	PYR08	858 ft	666 ft	-192 ft
LFBS	H27	RW27	MBS27	254 ft	149 ft	-105 ft
LFBT	L20-Y	RW20	OS13	1'598 ft	1'221 ft	-377 ft
LFBT	L20-Z	RW20	OS13	1'598 ft	1'221 ft	-377 ft
LFBU	L28	RW28	AM08	655 ft	464 ft	-191 ft
LFCK	H14-X	RW14	MK14X	1'385 ft	753 ft	-632 ft
LFCK	H14-Y	RW14	MK14Y	1'125 ft	753 ft	-372 ft
LFCK	L14	RW14	EN13	1'199 ft	753 ft	-446 ft
LFCK	L14	RW14	EN16	1'310 ft	753 ft	-557 ft
LFKR	L31	RW31	10RDE	2'214 ft	1'943 ft	-271 ft
LFGJ	L05	RW05	DO05	795 ft	689 ft	-106 ft
LFJL	L22-Y	RW22	MLY07	1'105 ft	911 ft	-194 ft
LFJL	L22-Z	RW22	MLY07	1'105 ft	911 ft	-194 ft
LFJR	L26	RW26	AS05	339 ft	241 ft	-98 ft
LFKB	H16	RW16	MKB16	398 ft	63 ft	-335 ft
LFKB	L34-Y	RW34	BAS10	336 ft	76 ft	-260 ft
LFKB	L34-Z	RW34	BAS10	336 ft	76 ft	-260 ft
LFKC	H18-W	RW18	KC510	816 ft	115 ft	-701 ft
LFKC	H18-X	RW18	KC512	1'038 ft	115 ft	-923 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LFKC	H18-Y	RW18	MC18Y	1'166 ft	115 ft	-1'051 ft
LFKC	H18-Z	RW18	MC18Z	1'421 ft	115 ft	-1'306 ft
LFKC	L18	RW18	CLI34	1'158 ft	115 ft	-1'043 ft
LFKC	L18	RW18	CLI42	1'417 ft	115 ft	-1'302 ft
LFKF	H05	RW05	MKF05	324 ft	91 ft	-233 ft
LFKJ	H02-Y	RW02	MJ02Y	1'434 ft	65 ft	-1'369 ft
LFKJ	H02-Z	RW02	KJ400	894 ft	66 ft	-828 ft
LFKJ	L02-X	RW02	AC47	1'510 ft	65 ft	-1'445 ft
LFKJ	L02-Y	RW02	AC47	1'510 ft	65 ft	-1'445 ft
LFKJ	L02-Z	RW02	AC47	1'510 ft	65 ft	-1'445 ft
LFKS	L18	RW18	SZA06	269 ft	70 ft	-199 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-W	RW26	14CF	1'492 ft	1'108 ft	-384 ft
LFLC	L26-X	RW26	14CF	1'501 ft	1'108 ft	-393 ft
LFLC	L26-Y	RW26	01CF	1'365 ft	1'108 ft	-257 ft
LFLC	L26-Z	RW26	01CF	1'371 ft	1'108 ft	-263 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	846 ft	-170 ft
LFLN	L33RX	RW33R	SN07	1'016 ft	846 ft	-170 ft
LFLN	L33RY	RW33R	SN07	1'015 ft	846 ft	-169 ft
LFLN	L33RZ	RW33R	SN07	1'015 ft	846 ft	-169 ft
LFLS	L09	RW09	07SG	1'444 ft	1'274 ft	-170 ft
LFLX	L21	RW21	01CX	836 ft	568 ft	-268 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	RW33	MMI33	144 ft	112 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	320 ft	58 ft	-262 ft
LFML	L13LZ	RW13L	ML01	320 ft	58 ft	-262 ft
LFML	L13RY	RW13R	MCE01	314 ft	58 ft	-256 ft
LFML	L13RZ	RW13R	MCE01	314 ft	58 ft	-256 ft
LFML	L31RZ	RW31R	MPV01	458 ft	102 ft	-356 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	340 ft	61 ft	-279 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	357 ft	244 ft	-113 ft
LFMO	L14-Z	RW14	ORG11	357 ft	244 ft	-113 ft
LFMP	L33-Y	RW33	PPG18	455 ft	185 ft	-270 ft
LFMP	L33-Z	RW33	PPG18	455 ft	185 ft	-270 ft
LFMQ	H30	RW30	MMQ3	1'679 ft	1'438 ft	-241 ft
LFMT	L30RY	RW30R	FG01	327 ft	56 ft	-271 ft
LFMT	L30RZ	RW30R	FG01	327 ft	56 ft	-271 ft
LFMY	H16	RW16	MMY16	563 ft	245 ft	-318 ft
LFMY	L16-Y	RW16	SAL07	405 ft	245 ft	-160 ft
LFMY	L16-Z	RW16	SAL07	404 ft	245 ft	-159 ft
LFOA	L24	RW24	AVD16	834 ft	627 ft	-207 ft
LFOA	L24-Y	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	RW22	E VX16	807 ft	504 ft	-303 ft
LFOE	L22-Y	RW22	E VX16	788 ft	504 ft	-284 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LFPV	L27	RW27	VVO07	798 ft	626 ft	-172 ft
LFQA	R25	RW25	MQA25	632 ft	356 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
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
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
LFRQ	L28-Y	RW28	MAP28	502 ft	325 ft	-177 ft
LFRQ	L28-Z	RW28	MAP28	502 ft	325 ft	-177 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	1'136 ft	930 ft	-206 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
LFSS	L20	RW20	11NAY	1'273 ft	1'116 ft	-157 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	1'085 ft	908 ft	-177 ft
LFTH	L05	RW05	HY10	343 ft	56 ft	-287 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



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
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	64 ft	-318 ft
LGTS	L10-Z	RW10	IMAK1	382 ft	64 ft	-318 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	H12	RW12	KE012	603 ft	429 ft	-174 ft
LHKE	H30	RW30	KE004	604 ft	422 ft	-182 ft
LHPA	H16	RW16	PA011	681 ft	520 ft	-161 ft
LHPA	H34	RW34	PA003	714 ft	530 ft	-184 ft
LHPA	L16	RW16	C	681 ft	520 ft	-161 ft
LHPR	L30	RW30	GYR43	477 ft	476 ft	-1 ft
LHSM	H34	RW34	SM11	650 ft	449 ft	-201 ft
LHSN	H02	RW02	SN005	345 ft	342 ft	-3 ft
LHSN	H20	RW20	SN011	520 ft	342 ft	-178 ft

## LI

LIBA	L29	RW29	20MNL	262 ft	232 ft	-30 ft
LIBD	L07-X	RW07	BAP05	332 ft	243 ft	-89 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-X	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	268 ft	76 ft	-192 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	H10-Z	RW10	CA704	547 ft	69 ft	-478 ft
LICA	L28-X	RW28	LAM15	514 ft	92 ft	-422 ft
LICA	L28-Y	RW28	LAM15	514 ft	92 ft	-422 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	484 ft	116 ft	-368 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
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	328 ft	129 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	410 ft	86 ft	-324 ft
LIEO	L23	RW23	IOL20	665 ft	70 ft	-595 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	887 ft	741 ft	-146 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	1'152 ft	984 ft	-168 ft
LIMF	L36-Y	RW36	MM36	1'152 ft	984 ft	-168 ft
LIMF	L36-Z	RW36	MM36	1'153 ft	984 ft	-169 ft
LIMG	L27	RW27	ALB4	1'489 ft	155 ft	-1'334 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	548 ft	389 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	464 ft	197 ft	-267 ft
LIMZ	L21-X	RW21	MM21	1'429 ft	1'267 ft	-162 ft
LIMZ	L21-Y	RW21	MM21	1'432 ft	1'267 ft	-165 ft
LIMZ	L21-Z	RW21	MM21	1'429 ft	1'267 ft	-162 ft
LIPA	L05	RW05	AVI12	627 ft	375 ft	-252 ft
LIPB	H01	RW01	PB819	2'753 ft	821 ft	-1'932 ft
LIPB	L01	RW01	IBZ40	2'906 ft	822 ft	-2'084 ft
LIPC	L11-Y	RW11	MA11	231 ft	68 ft	-163 ft
LIPC	L11-Z	RW11	MA11	232 ft	68 ft	-164 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	RW07	MM07	304 ft	107 ft	-197 ft
LIPK	L12	RW12	MM12	383 ft	148 ft	-235 ft
LIPO	L32	RW32	MM32	538 ft	383 ft	-155 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	L06-X	RW06	NPC33	1'509 ft	335 ft	-1'174 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LIRN	L06-Z	RW06	NPC33	1'508 ft	335 ft	-1'173 ft
LIRN	L24-V	RW24	POM30	736 ft	273 ft	-463 ft
LIRN	L24-W	RW24	POM30	736 ft	273 ft	-463 ft
LIRN	L24-X	RW24	NAP01	581 ft	273 ft	-308 ft
LIRN	L24-Y	RW24	NAP01	582 ft	273 ft	-309 ft
LIRN	L24-Z	RW24	NAP01	581 ft	273 ft	-308 ft
LIRP	L04RX	RW04R	MM04R	212 ft	53 ft	-159 ft
LIRP	L04RY	RW04R	MM04R	212 ft	53 ft	-159 ft
LIRP	L04RZ	RW04R	MM04R	212 ft	53 ft	-159 ft
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
LIRZ	L01-V	RW01	IPE01	1'026 ft	717 ft	-309 ft
LIRZ	L01-W	RW01	IPE01	1'026 ft	717 ft	-309 ft
LIRZ	L01-Y	RW01	IPE01	1'020 ft	717 ft	-303 ft
LIRZ	L01-Z	RW01	IPE01	1'020 ft	717 ft	-303 ft

## LJ

LJLJ	L30	RW30	MM31	1'401 ft	1'241 ft	-160 ft
LJMB	L32	RW32	MI	1'086 ft	906 ft	-180 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	1'024 ft	858 ft	-166 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	1'002 ft	821 ft	-181 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	L35C	RW35C	OEG10	1'412 ft	1'141 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	1'923 ft	1'461 ft	-462 ft
LOWW	L11	RW11	13OEW	1'008 ft	625 ft	-383 ft
LOWW	L16	RW16	OEZ13	1'012 ft	647 ft	-365 ft
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	BJ09	978 ft	674 ft	-304 ft
LPCR	H29	RW29	CR476	1'024 ft	106 ft	-918 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	05NM	264 ft	96 ft	-168 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
LPPR	L17	RW17	PR01	528 ft	201 ft	-327 ft
LPPT	L03	RW03	MM03	562 ft	379 ft	-183 ft
LPPT	L21	RW21	MM21	572 ft	397 ft	-175 ft
LPSO	L21	RW21	PDS01	765 ft	440 ft	-325 ft

## LQ

LQBK	L17-Y	RW17	LU	593 ft	426 ft	-167 ft
LQBK	L17-Z	RW17	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
LQTZ	L09-W	RW09	25TZU	1'261 ft	815 ft	-446 ft
LQTZ	L09-Z	RW09	TZU25	1'248 ft	815 ft	-433 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff	
<b>LR</b>	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	
	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	363 ft	-266 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	
	<b>LS</b>	LSGC	H06	RW06	GC752	3'560 ft	3'418 ft	-142 ft
		LSGC	L24	RW24	ICF01	3'737 ft	3'396 ft	-341 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	1'839 ft	1'452 ft	-387 ft	
LSZH		L16	RW16	IZH01	1'695 ft	1'440 ft	-255 ft	
LSZH		L28	RW28	IZW22	2'168 ft	1'466 ft	-702 ft	
LSZH		L34	RW34	IZS14	1'893 ft	1'438 ft	-455 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	
<b>LT</b>		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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	MA11	2'953 ft	2'697 ft	-256 ft
LTAD	L11-Y	RW11	MM11	2'871 ft	2'692 ft	-179 ft
LTAD	L11-Z	RW11	MM11	2'872 ft	2'692 ft	-180 ft
LTAE	L03-Y	RW03	IZI06	2'922 ft	2'779 ft	-143 ft
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	MM18C	400 ft	222 ft	-178 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
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	IZC25	1'041 ft	91 ft	-950 ft
LTAS	L36-Z	RW36	IZC25	1'041 ft	91 ft	-950 ft
LTAT	L21L	RW21L	ERH04	3'255 ft	2'807 ft	-448 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
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	L11-1	RW11	ITZ21	3'736 ft	3'112 ft	-624 ft
LTAZ	L11-2	RW11	ITZ21	3'736 ft	3'112 ft	-624 ft
LTBA	L05-Y	RW05	ST	277 ft	143 ft	-134 ft
LTBA	L05-Z	RW05	ST	275 ft	143 ft	-132 ft
LTBA	L23-Y	RW23	MM23	291 ft	140 ft	-151 ft
LTBA	L23-Z	RW23	MM23	292 ft	140 ft	-152 ft





Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
LTCR	L03-Z	RW03	MRD02	1'994 ft	1'703 ft	-291 ft
LTCS	L04-1	RW04	GAP29	3'099 ft	2'727 ft	-372 ft
LTCS	L04-2	RW04	GAP29	3'099 ft	2'727 ft	-372 ft
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	RW11	ISN14	2'484 ft	2'088 ft	-396 ft
LTCV	L11-N	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	RW04	IHA11	632 ft	308 ft	-324 ft
LTFA	L17-W	RW17	IKL06	212 ft	63 ft	-149 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	L13-1	RW13	MM13	246 ft	58 ft	-188 ft
LTFH	L13-3	RW13	MM13	246 ft	58 ft	-188 ft
LTFH	L13-4	RW13	MM13	246 ft	58 ft	-188 ft
LTFH	L13-5	RW13	MM13	238 ft	58 ft	-180 ft
LTFJ	L06	RW06	ISA18	983 ft	343 ft	-640 ft
LTFJ	L24	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
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
LYPG	L36-Y	RW36	POD29	339 ft	135 ft	-204 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	F	1'271 ft	1'065 ft	-206 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	89 ft	-191 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

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	H20	RW20	CB904	4'647 ft	4'350 ft	-297 ft
MMCU	H18L	RW18L	CU550	4'776 ft	4'458 ft	-318 ft
MMSL	H29	RW29	SL700	1'183 ft	660 ft	-523 ft
MMTG	L32-1	RW32	D084	1'760 ft	1'541 ft	-219 ft
MMTG	L32-2	RW32	D084	1'760 ft	1'541 ft	-219 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>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	MM05	482 ft	329 ft	-153 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	FNNMSM	316 ft	76 ft	-240 ft
NFFN	H09	RW09	FNNW	347 ft	67 ft	-280 ft
NFFN	L02	RW02	IFN10	342 ft	76 ft	-266 ft
NFNA	H10	RW10	FNAW	153 ft	67 ft	-86 ft
NFNA	H28	RW28	FNAEM	146 ft	60 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	213 ft	79 ft	-134 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
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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
NTMN	H02	RW02	MN812	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
NVWV	R15	RW15	VW729	581 ft	61 ft	-520 ft
NVWV	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	L05RW	RW05R	IAA01	477 ft	65 ft	-412 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
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	64 ft	-536 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	289 ft	56 ft	-233 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	R268A	455 ft	200 ft	-255 ft
NZOH	L27	RW27	IOH01	466 ft	199 ft	-267 ft
NZPP	R16	RW16	PP414	491 ft	69 ft	-422 ft
NZPP	R34	RW34	PP421	368 ft	65 ft	-303 ft
NZSL	R16	RW16	SEMKI	477 ft	148 ft	-329 ft
NZTK	R18-Y	RW18	TK407	438 ft	125 ft	-313 ft
NZTK	R18-Z	RW18	TK407	438 ft	125 ft	-313 ft
NZTU	R02	RW02	MA02	374 ft	136 ft	-238 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	RW21	IWP1	378 ft	109 ft	-269 ft
NZWP	L21	RW21	IWP1	378 ft	109 ft	-269 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	BIB13	432 ft	58 ft	-374 ft
OBBI	L12L	RW12L	BIB13	432 ft	58 ft	-374 ft
OBBI	L30R	RW30R	BIA13	431 ft	57 ft	-374 ft
OBBI	L30R	RW30R	BIA13	431 ft	57 ft	-374 ft
OBBS	L33R	RW33R	MM33	260 ft	79 ft	-181 ft
OBKH	L35	RW35	08IKH	317 ft	126 ft	-191 ft

### OE

OEAB	L13	RW13	ML13	7'044 ft	6'882 ft	-162 ft
OEAH	L34	RW34	IHSA6	754 ft	624 ft	-130 ft
OEAH	L34-R	RW34	AHSA3	762 ft	624 ft	-138 ft
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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	HILA4	3'497 ft	3'340 ft	-157 ft
OEHL	L18-R	RW18	HILA4	3'493 ft	3'337 ft	-156 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	PMA17	2'184 ft	2'184 ft	ft
OEMA	L35	RW35	PMA07	2'113 ft	2'113 ft	ft
OENG	L06	RW06	ML06	4'170 ft	4'032 ft	-138 ft
OENG	L06-R	RW06	NEJA4	4'181 ft	4'032 ft	-149 ft
OENN	L15	RW15	02INE	67 ft	67 ft	ft
OENN	L33	RW33	09IKA	300 ft	74 ft	-226 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	RAF07	1'690 ft	1'520 ft	-170 ft
OERM	L34	RW34	MI34	205 ft	59 ft	-146 ft
OERR	L28	RW28	07ILS	2'027 ft	1'857 ft	-170 ft
OESH	L08	RW08	ISHA7	2'556 ft	2'391 ft	-165 ft
OESK	L28	RW28	07ILS	2'482 ft	2'310 ft	-172 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
OETF	L35	RW35	ITAI6	4'955 ft	4'825 ft	-130 ft
OEWJ	L33	RW33	WEJA1	277 ft	116 ft	-161 ft
OEWJ	L33-R	RW33	WEJA1	277 ft	116 ft	-161 ft
OEYN	L28	RW28	23YEN	99 ft	99 ft	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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
OIBP	L31-2	RW31	ML31	232 ft	72 ft	-160 ft
OICC	L29	RW29	08ILS	4'556 ft	4'351 ft	-205 ft
OICS	L19	RW19	ISNJ1	4'943 ft	4'578 ft	-365 ft
OIFM	L25R1	RW25R	IFN08	5'262 ft	5'094 ft	-168 ft
OIFM	L25R2	RW25R	IFN08	5'262 ft	5'094 ft	-168 ft
OIFM	L25R3	RW25R	IFN08	5'262 ft	5'094 ft	-168 ft
OIFM	L25RN	RW25R	IFN08	5'262 ft	5'094 ft	-168 ft
OIGG	L27-1	RW27	IRST9	254 ft	13 ft	-241 ft
OIGG	L27-2	RW27	IRST9	254 ft	13 ft	-241 ft
OIIE	L29R	RW29R	7IIKA	3'477 ft	3'306 ft	-171 ft
OIII	L29L	RW29L	ITH07	4'047 ft	3'846 ft	-201 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
OIKK	L34	RW34	IKE08	5'982 ft	5'788 ft	-194 ft
OIMM	L31R1	RW31R	IMS08	3'505 ft	3'310 ft	-195 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	ISYZ1	5'177 ft	4'920 ft	-257 ft
OISS	L29L3	RW29L	ISYZ9	5'145 ft	4'920 ft	-225 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	L21-3	RW21	07ILS	4'500 ft	4'327 ft	-173 ft
OIZH	L35L1	RW35L	IZDN7	4'749 ft	4'569 ft	-180 ft
OIZH	L35L2	RW35L	IZDN7	4'749 ft	4'569 ft	-180 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
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

OKBK	L15L	RW15L	KIC66	391 ft	210 ft	-181 ft
OKBK	L15R	RW15R	MM15R	376 ft	183 ft	-193 ft
OKBK	L33L	RW33L	MM33L	403 ft	218 ft	-185 ft
OKBK	L33R	RW33R	MM33R	415 ft	254 ft	-161 ft

## OL

OLBA	L03	RW03	IKK02	670 ft	97 ft	-573 ft
OLBA	L16	RW16	IBB13	411 ft	62 ft	-349 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
OLBA	R17	RW17	BA421	312 ft	135 ft	-177 ft
OLBA	R21	RW21	BA419	735 ft	90 ft	-645 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	256 ft	63 ft	-193 ft
OMAL	L01-Y	RW01	ML01	1'088 ft	921 ft	-167 ft
OMAL	L01-Z	RW01	ML01	1'088 ft	921 ft	-167 ft
OMFJ	L29-W	RW29	FJ924	702 ft	99 ft	-603 ft
OMFJ	L29-X	RW29	FJ924	702 ft	99 ft	-603 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
OOTH	L17	RW17	THT08	1'715 ft	1'511 ft	-204 ft

### OP

OPFA	L03-Y	RW03	IFA10	892 ft	637 ft	-255 ft
OPFA	L03-Z	RW03	IFA10	894 ft	637 ft	-257 ft
OPIS	L10RY	RW10R	IBAP1	2'047 ft	1'782 ft	-265 ft
OPIS	L10RZ	RW10R	IBAP1	2'047 ft	1'782 ft	-265 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
OPIS	L28RZ	RW28R	IBIP1	2'063 ft	1'800 ft	-263 ft
OPKC	L25LY	RW25L	IQA06	275 ft	139 ft	-136 ft
OPKC	L25LZ	RW25L	IQA06	274 ft	139 ft	-135 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	334 ft	150 ft	-184 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
OPRN	L30	RW30	01IRN	1'975 ft	1'707 ft	-268 ft



	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
	OPRN	L30-Z	RW30	01IRN	1'974 ft	1'707 ft	-267 ft
<b>OR</b>							
	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
	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
<b>OS</b>							
	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
<b>OT</b>							
	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
	OTBH	L16R	RW16R	OVIRI	331 ft	182 ft	-149 ft
	OTBH	L34L	RW34L	UKIDI	303 ft	169 ft	-134 ft
	OTBH	L34R	RW34R	RUDOP	328 ft	175 ft	-153 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
<b>OY</b>							
	OYAA	L08	RW08	KRL07	222 ft	56 ft	-166 ft
	OYSN	L18	RW18	SAA	7'391 ft	7'218 ft	-173 ft
<b>PA</b>							
	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	B25	RW25	VALSY	459 ft	89 ft	-370 ft
	PABT	R02	RW02	WULPI	827 ft	671 ft	-156 ft
	PABT	R20	RW20	LEVGE	856 ft	699 ft	-157 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
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	893 ft	67 ft	-826 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	R26	RW26	CADUL	580 ft	59 ft	-521 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	1'041 ft	497 ft	-544 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
PAGL	R03	RW03	XELHU	320 ft	105 ft	-215 ft
PAGQ	R07	RW07	FIMUN	371 ft	195 ft	-176 ft
PAGQ	R25	RW25	COKVI	342 ft	191 ft	-151 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
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-V	RW08	MOLRE	785 ft	75 ft	-710 ft
PAKA	R31	RW31	CURUV	273 ft	80 ft	-193 ft
PAKK	R01	RW01	ZUTMU	477 ft	205 ft	-272 ft
PAKN	B30	RW30	WULAK	344 ft	118 ft	-226 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
PALG	R06	RW06	ICALU	337 ft	102 ft	-235 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	477 ft	325 ft	-152 ft
PANV	R35	RW35	SEMKE	485 ft	332 ft	-153 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
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
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	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	490 ft	338 ft	-152 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	675 ft	611 ft	-64 ft
PAVE	R22	RW22	TODCO	677 ft	613 ft	-64 ft
PAVL	R12	RW12	PIBIY	181 ft	56 ft	-125 ft
PAVL	R30	RW30	WOTK	180 ft	58 ft	-122 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	L06L	RW06L	KATNE	775 ft	590 ft	-185 ft
PGUA	L06R	RW06R	SULUE	767 ft	607 ft	-160 ft
PGUA	L24L	RW24L	ACUYU	858 ft	658 ft	-200 ft
PGUA	L24R	RW24R	INIME	878 ft	668 ft	-210 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
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	299 ft	125 ft	-174 ft
RCKU	L36	RW36	ICH02	144 ft	135 ft	-9 ft
RCMQ	L18	RW18	ITC06	840 ft	703 ft	-137 ft
RCMQ	L36	RW36	ICC06	840 ft	713 ft	-127 ft
RCNN	L36R	RW36R	ITN07	241 ft	82 ft	-159 ft
RCQC	L02	RW02	IMKG9	374 ft	153 ft	-221 ft
RCQC	L20	RW20	09MZG	327 ft	96 ft	-231 ft
RCSS	H28	RW28	VANES	344 ft	64 ft	-280 ft
RCSS	L10	RW10	ITS04	126 ft	63 ft	-63 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RCYU	L03	RW03	IHUA2	98 ft	94 ft	-4 ft

## RJ

RJAA	L16L	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	918 ft	487 ft	-431 ft
RJAZ	R29	RW29	AZ951	918 ft	521 ft	-397 ft
RJBB	L06LY	RW06L	IKJ06	208 ft	65 ft	-143 ft
RJBB	L06LZ	RW06L	IKJ06	206 ft	65 ft	-141 ft
RJBB	L06RY	RW06R	IKD06	220 ft	55 ft	-165 ft
RJBB	L06RZ	RW06R	IKD06	218 ft	55 ft	-163 ft
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	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-Y	RW01	ITH15	890 ft	634 ft	-256 ft
RJBT	L01-Z	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	568 ft	373 ft	-195 ft
RJCM	L18-Y	RW18	ITB06	311 ft	152 ft	-159 ft
RJCM	L18-Z	RW18	ITB06	311 ft	152 ft	-159 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	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	328 ft	162 ft	-166 ft
RJFE	L03	RW03	IFU19	496 ft	273 ft	-223 ft
RJFE	L21-Y	RW21	IFE13	569 ft	323 ft	-246 ft
RJFE	L21-Z	RW21	IFE13	569 ft	323 ft	-246 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	NHT13	505 ft	285 ft	-220 ft
RJFN	L28-1	RW28	NHT13	508 ft	285 ft	-223 ft
RJFN	L28-2	RW28	NHT13	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	IKQ07	242 ft	72 ft	-170 ft
RJFR	L18-Z	RW18	IKQ07	242 ft	72 ft	-170 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	268 ft	77 ft	-191 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
RJNA	L34-Y	RW34	IKC06	228 ft	100 ft	-128 ft
RJNA	L34-Z	RW34	IKC06	228 ft	100 ft	-128 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	IHG6	1'249 ft	1'122 ft	-127 ft
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	601 ft	397 ft	-204 ft
RJSC	L01-Z	RW01	IYT08	601 ft	397 ft	-204 ft
RJSC	R19	RW19	SC953	715 ft	403 ft	-312 ft
RJSF	L01-Y	RW01	IFK06	1'442 ft	1'250 ft	-192 ft
RJSF	L01-Z	RW01	IFK06	1'442 ft	1'250 ft	-192 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	INC07	221 ft	62 ft	-159 ft
RJSN	L28-Z	RW28	INC07	221 ft	62 ft	-159 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
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	196 ft	69 ft	-127 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
RJTT	R16L	RW16L	T6L63	438 ft	72 ft	-366 ft
RJTT	R16R	RW16R	T6R75	435 ft	69 ft	-366 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



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	636 ft	83 ft	-553 ft
RKJB	L01-Z	RW01	IMU19	637 ft	83 ft	-554 ft
RKJB	L19-Y	RW19	IMA16	556 ft	101 ft	-455 ft
RKJB	L19-Z	RW19	IMA16	557 ft	101 ft	-456 ft
RKJJ	L04R	RW04R	IMD6	235 ft	95 ft	-140 ft
RKJJ	L22L	RW22L	IMD25	383 ft	98 ft	-285 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	735 ft	79 ft	-656 ft
RKJY	L17-Z	RW17	IYS22	735 ft	79 ft	-656 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	MIKEL	873 ft	390 ft	-483 ft
RKNY	L33-Y	RW33	IYAN1	547 ft	277 ft	-270 ft
RKNY	L33-Z	RW33	IYAN1	547 ft	277 ft	-270 ft
RKPC	L07-Y	RW07	ICJ14	523 ft	137 ft	-386 ft
RKPC	L07-Z	RW07	ICJ14	521 ft	137 ft	-384 ft
RKPC	L25-Y	RW25	ICHE1	395 ft	126 ft	-269 ft
RKPC	L25-Z	RW25	ICHE1	395 ft	126 ft	-269 ft
RKPD	L01	RW01	IJD14	1'547 ft	1'152 ft	-395 ft
RKPK	L36LY	RW36L	IKM07	237 ft	79 ft	-158 ft
RKPK	L36LZ	RW36L	IKM07	237 ft	79 ft	-158 ft
RKPK	L36RY	RW36R	IKHE7	247 ft	82 ft	-165 ft
RKPK	L36RZ	RW36R	KHE07	246 ft	82 ft	-164 ft
RKPS	L06L	RW06L	GAFOA	228 ft	79 ft	-149 ft
RKPS	L24R	RW24R	CHANO	344 ft	75 ft	-269 ft
RKPU	H18-Y	RW18	WELCH	973 ft	92 ft	-881 ft
RKPU	L36-Y	RW36	IUL13	442 ft	78 ft	-364 ft
RKPU	L36-Z	RW36	IUL13	442 ft	78 ft	-364 ft
RKSI	L15LY	RW15L	ISLL1	337 ft	73 ft	-264 ft
RKSI	L15LZ	RW15L	ISLL1	333 ft	73 ft	-260 ft
RKSI	L15RY	RW15R	ISRR1	341 ft	73 ft	-268 ft
RKSI	L15RZ	RW15R	ISRR1	345 ft	73 ft	-272 ft
RKSI	L16	RW16	IRK11	373 ft	73 ft	-300 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
RKSI	L33L	RW33L	INL10	346 ft	73 ft	-273 ft
RKSI	L33R	RW33R	INRR1	339 ft	73 ft	-266 ft
RKSI	L34	RW34	IRKN1	340 ft	73 ft	-267 ft
RKSM	H01	RW01	HOSIN	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	234 ft	121 ft	-113 ft
RKSM	L19-Z	RW19	ISUL2	234 ft	121 ft	-113 ft
RKSM	L20-Y	RW20	ISOL1	386 ft	117 ft	-269 ft
RKSM	L20-Z	RW20	ISOL1	386 ft	117 ft	-269 ft
RKSO	L09L	RW09L	CASPR	261 ft	88 ft	-173 ft
RKSO	L27R	RW27R	ZOBES	242 ft	91 ft	-151 ft
RKSO	R09L	RW09L	CASPR	260 ft	88 ft	-172 ft
RKSO	R09R	RW09R	VOKOT	249 ft	85 ft	-164 ft
RKSS	L14LY	RW14L	ISE08	287 ft	88 ft	-199 ft
RKSS	L14LZ	RW14L	ISE08	287 ft	88 ft	-199 ft
RKSS	L14R	RW14R	IOF08	287 ft	84 ft	-203 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	467 ft	125 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	207 ft	175 ft	-32 ft
RKTN	L31R	RW31R	IDA18	216 ft	184 ft	-32 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**

RPLC	L02	RW02	ICA08	712 ft	515 ft	-197 ft
RPLC	L20	RW20	ICK8	647 ft	442 ft	-205 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	141 ft	-258 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
SABE	L13	RW13	MM13	247 ft	69 ft	-178 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	C	293 ft	112 ft	-181 ft
SAEZ	L11-X	RW11	C	293 ft	112 ft	-181 ft
SAEZ	L35-Y	RW35	EZ05	276 ft	117 ft	-159 ft
SAEZ	L35-Z	RW35	EZ05	276 ft	117 ft	-159 ft
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
SANT	L02-X	RW02	TU05	1'644 ft	1'480 ft	-164 ft
SANT	L02-Y	RW02	TU05	1'644 ft	1'480 ft	-164 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-X	RW31	Z	1'172 ft	966 ft	-206 ft
SARI	L31-Y	RW31	Z	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	3'229 ft	2'954 ft	-275 ft
SAVE	L23-X	RW23	L	2'796 ft	2'614 ft	-182 ft
SAVE	L23-Y	RW23	L	2'796 ft	2'614 ft	-182 ft
SAVE	L23-Z	RW23	L	2'796 ft	2'614 ft	-182 ft
SAWE	L26-Y	RW26	GR05	250 ft	93 ft	-157 ft
SAWE	L26-Z	RW26	GR05	250 ft	93 ft	-157 ft
SAWG	L25-X	RW25	G	257 ft	101 ft	-156 ft
SAWG	L25-Y	RW25	G	257 ft	101 ft	-156 ft
SAWG	L25-Z	RW25	G	257 ft	101 ft	-156 ft
SAZB	H35R	RW35R	MUBU	615 ft	268 ft	-347 ft

## SB

SBBE	L06-X	RW06	MAP06	204 ft	87 ft	-117 ft
SBBE	L06-Z	RW06	MAP06	204 ft	87 ft	-117 ft
SBCG	L06-T	RW06	ICG21	2'039 ft	1'853 ft	-186 ft
SBCG	L06-W	RW06	ICG21	2'039 ft	1'853 ft	-186 ft
SBCN	H27	RW27	CN013	2'456 ft	2'297 ft	-159 ft
SBCT	L15-Z	RW15	MM15	3'213 ft	3'022 ft	-191 ft
SBFI	L15-Y	RW15	FOZ	964 ft	782 ft	-182 ft
SBFI	R15-Y	RW15	THR15	843 ft	782 ft	-61 ft
SBFN	R12	RW12	FN367	943 ft	243 ft	-700 ft
SBFN	R30	RW30	FN374	949 ft	217 ft	-732 ft
SBFZ	L13-Y	RW13	IFZ21	273 ft	132 ft	-141 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
SBGL	R15-Z	RW15	GL028	383 ft	67 ft	-316 ft
SBGR	L27LV	RW27L	MM27L	2'658 ft	2'496 ft	-162 ft
SBIT	R36-Z	RW36	IT001	1'833 ft	1'674 ft	-159 ft
SBJV	R15-Z	RW15	JV016	346 ft	65 ft	-281 ft
SBKG	L15-Z	RW15	IKG19	1'965 ft	1'658 ft	-307 ft
SBNT	L16LX	RW16L	INT2	359 ft	199 ft	-160 ft
SBPA	L11-X	RW11	IAG12	ft	66 ft	66 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
SBSL	L06-Y	RW06	01SLI	384 ft	228 ft	-156 ft
SBSL	L06-Z	RW06	01SLI	384 ft	228 ft	-156 ft
SBST	R35	RW35	ST001	344 ft	63 ft	-281 ft
SBYS	L02CY	RW02C	IS	2'176 ft	2'018 ft	-158 ft
SBYS	L02CZ	RW02C	IS	2'176 ft	2'018 ft	-158 ft

## SC

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
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	238 ft	76 ft	-162 ft
SCIE	L02-X	RW02	7ICEP	237 ft	76 ft	-161 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	812 ft	578 ft	-234 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	536 ft	346 ft	-190 ft
SCTE	L35-Z	RW35	MON08	536 ft	346 ft	-190 ft
SCVD	L35	RW35	IVL07	275 ft	104 ft	-171 ft
SCVI	R33	RW33	VI001	1'211 ft	991 ft	-220 ft
SCVM	L05	RW05	VM006	714 ft	511 ft	-203 ft
SCVM	L05-W	RW05	VM006	714 ft	511 ft	-203 ft
SCVM	L05-X	RW05	VM006	714 ft	511 ft	-203 ft
SCVM	L05-Y	RW05	VM006	714 ft	511 ft	-203 ft
SCVM	L05-Z	RW05	VM006	714 ft	511 ft	-203 ft

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff	
<b>SE</b>	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	9'899 ft	9'242 ft	-657 ft	
	SELT	L19-Z	RW19	ILA2	9'899 ft	9'242 ft	-657 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	
	SEMT	L24-Z	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	
	<b>SF</b>	EGYP	L28	RW28	IMP6	438 ft	247 ft	-191 ft
	<b>SG</b>	SGES	L23-F	RW23	MM23	1'019 ft	826 ft	-193 ft
	<b>SK</b>	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	
SKCL		L02	RW02	AS	3'393 ft	3'202 ft	-191 ft	

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
SKLM	L10	RW10	ML10	580 ft	331 ft	-249 ft
SKLM	L10-Y	RW10	OPVAX	550 ft	331 ft	-219 ft
SKLM	R10	RW10	MAMP	634 ft	331 ft	-303 ft
SKLT	L21-X	RW21	THR21	335 ft	310 ft	-25 ft
SKLT	R21-X	RW21	THR21	335 ft	310 ft	-25 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
SKMR	L32	RW32	MTR22	385 ft	91 ft	-294 ft
SKPB	R09	RW09	PB001	393 ft	143 ft	-250 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	L20	RW20	IPS27	6'750 ft	5'890 ft	-860 ft
SKRG	H01	RW01	UDOM	7'468 ft	7'017 ft	-451 ft
SKRG	L01	RW01	RG402	7'193 ft	7'017 ft	-176 ft
SKTQ	L25-Y	RW25	12TQS	902 ft	700 ft	-202 ft
SKTQ	L25-Z	RW25	12TQS	902 ft	700 ft	-202 ft
SKTQ	R07	RW07	TQ711	1'039 ft	694 ft	-345 ft
SKTQ	R25	RW25	TQ705	1'046 ft	700 ft	-346 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	R29	RW29	PUPAX	754 ft	467 ft	-287 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
SPQU	L10	RW10	EQU	8'549 ft	8'320 ft	-229 ft
SPRU	L02	RW02	9IMDP	319 ft	96 ft	-223 ft
SPSO	L22-T	RW22	ABSCO	ft	90 ft	90 ft
SPSO	L22-U	RW22	ABSCO	ft	90 ft	90 ft
SPSO	L22-V	RW22	ABSCO	ft	90 ft	90 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
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

### TB

TBPB	L09-Y	RW09	MM09	371 ft	219 ft	-152 ft
TBPB	L09-Z	RW09	MM09	371 ft	219 ft	-152 ft

### TD

TDPD	R27	RW27	MIVAS	621 ft	66 ft	-555 ft
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### TF

TFFF	L10-Y	RW10	FF14	442 ft	60 ft	-382 ft
TFFF	L10-Z	RW10	FF14	442 ft	60 ft	-382 ft
TFFR	L12-Y	RW12	PP1	401 ft	55 ft	-346 ft
TFFR	L12-Z	RW12	PP1	401 ft	55 ft	-346 ft

### TG

TGPY	R10	RW10	IMOXI	393 ft	75 ft	-318 ft
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### TI

TIST	R10	RW10	LOGVY	706 ft	80 ft	-626 ft
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### TJ

TJPS	R12	RW12	CUVOP	246 ft	78 ft	-168 ft
TJPS	R30	RW30	HOVIP	353 ft	72 ft	-281 ft
TJSJ	L08	RW08	JONIB	325 ft	58 ft	-267 ft
TJVQ	R09	RW09	MUNG	248 ft	77 ft	-171 ft

### TK

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

	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>TL</b>	TLPC	R09	RW09	PUREX	547 ft	70 ft	-477 ft
<b>TN</b>	TNCA	L11-Y	RW11	AMAVA	301 ft	62 ft	-239 ft
	TNCA	L11-Z	RW11	AMAVA	301 ft	62 ft	-239 ft
	TNCA	R11	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	175 ft	-1'175 ft
	TNCS	R12-A	RW12	CS100	1'350 ft	175 ft	-1'175 ft
<b>TQ</b>	TQPF	H29	RW29	MA29	447 ft	128 ft	-319 ft
<b>TT</b>	TPPP	L10	RW10	ZIPOS	210 ft	80 ft	-130 ft
<b>TV</b>	TVSA	R04	RW04	UKREK	504 ft	186 ft	-318 ft
	TVSC	R13	RW13	GONET	443 ft	61 ft	-382 ft
<b>UA</b>	UAKK	L05	RW05	IRG05	1'976 ft	1'817 ft	-159 ft
	UAKK	L23	RW23	IKA05	1'963 ft	1'804 ft	-159 ft
<b>UD</b>	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
<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>	UHO0	L03R	RW03R	BR	237 ft	91 ft	-146 ft
	UHSM	L01-Y	RW01	B	794 ft	664 ft	-130 ft
	UHSM	L01-Y	RW01	B	794 ft	664 ft	-130 ft
	UHSM	L01-Z	RW01	B	794 ft	664 ft	-130 ft
	UHSM	R01	RW01	SM017	1'100 ft	664 ft	-436 ft
	UHSN	L22	RW22	J	317 ft	154 ft	-163 ft
	UHSN	L22	RW22	J	317 ft	154 ft	-163 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



	Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
<b>UK</b>	UKDD	L08	RW08	P	647 ft	503 ft	-144 ft
	UKDD	L26	RW26	DNP12	706 ft	522 ft	-184 ft
	UKDR	L18	RW18	RG	628 ft	456 ft	-172 ft
	UKDR	L36	RW36	MM36	588 ft	426 ft	-162 ft
	UKHH	L07	RW07	IHR09	782 ft	545 ft	-237 ft
	UKHH	L25-Y	RW25	IHA10	824 ft	579 ft	-245 ft
	UKHH	L25-Z	RW25	IHA10	824 ft	579 ft	-245 ft
	UKKK	L08	RW08	IKI04	701 ft	610 ft	-91 ft
	UKKK	L26	RW26	IKV04	720 ft	637 ft	-83 ft
	UKLI	L10	RW10	V	1'137 ft	969 ft	-168 ft
	UKLI	L28	RW28	F	1'133 ft	954 ft	-179 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
	UKWW	L13	RW13	I	1'195 ft	1'021 ft	-174 ft
	UKWW	L31	RW31	N	1'186 ft	1'018 ft	-168 ft
<b>UL</b>	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>UN</b>	UNKL	R11	RW11	KL018	1'147 ft	991 ft	-156 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	L05RW	RW05R	KR	336 ft	163 ft	-173 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
	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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
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	RW16	I	246 ft	127 ft	-119 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	409 ft	230 ft	-179 ft
USRR	L25	RW25	A	417 ft	244 ft	-173 ft
USTJ	L26-Y	RW26	S	ft	208 ft	208 ft
USTJ	L26-Z	RW26	ITB03	311 ft	208 ft	-103 ft

## UU

UUBI	L29-W	RW29	MA29	736 ft	460 ft	-276 ft
UUBI	L29-X	RW29	D	656 ft	460 ft	-196 ft
UUBI	L29-Z	RW29	D	656 ft	460 ft	-196 ft
UUBP	L34-Y	RW34	N	837 ft	692 ft	-145 ft
UUBP	L34-Z	RW34	N	837 ft	692 ft	-145 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
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-Y	RW27	IAU01	2'206 ft	1'936 ft	-270 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-Y	RW25	IDR10	2'149 ft	1'889 ft	-260 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	729 ft	476 ft	-253 ft
VARK	L23-Z	RW23	IRA01	729 ft	476 ft	-253 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	58 ft	-108 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	727 ft	439 ft	-288 ft
VEBD	L36-Z	RW36	IBGD1	727 ft	439 ft	-288 ft
VEBN	L27-Y	RW27	VNS01	575 ft	318 ft	-257 ft
VEBN	L27-Z	RW27	VNS01	577 ft	318 ft	-259 ft
VEBS	L14	RW14	IBH01	424 ft	154 ft	-270 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
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	3'270 ft	2'588 ft	-682 ft
VEJT	L04-Y	RW04	IJHT1	677 ft	347 ft	-330 ft
VEJT	L04-Z	RW04	IJHT1	677 ft	347 ft	-330 ft
VEKO	L19	RW19	IKJ01	1'003 ft	741 ft	-262 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	809 ft	519 ft	-290 ft
VEPT	L25	RW25	PAT1	484 ft	220 ft	-264 ft
VERC	L31-Y	RW31	RAN01	2'396 ft	2'126 ft	-270 ft
VERC	L31-Z	RW31	RAN01	2'396 ft	2'126 ft	-270 ft
VERP	L24	RW24	IRAI1	1'339 ft	1'084 ft	-255 ft

#### VH

VHHH	L07R	RW07R	ISR01	343 ft	77 ft	-266 ft
VHHH	L25L	RW25L	IFL01	343 ft	77 ft	-266 ft
VHHH	L25R	RW25R	ITF01	361 ft	72 ft	-289 ft

#### VI

VIAR	L34-Y	RW34	IAMR1	1'059 ft	806 ft	-253 ft
VIAR	L34-Z	RW34	IAMR1	1'059 ft	806 ft	-253 ft
VIDN	L08	RW08	IDUN1	2'089 ft	1'834 ft	-255 ft
VIDP	L09	RW09	IDIA1	1'024 ft	768 ft	-256 ft
VIDP	L10	RW10	IDEL1	1'035 ft	771 ft	-264 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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

## 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	MCS26	791 ft	70 ft	-721 ft
VMMC	L16-Z	RW16	MCS26	791 ft	70 ft	-721 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

VNVT	H09	RW09	BRT	417 ft	296 ft	-121 ft
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## 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
VOBZ	L26	RW26	IVJA1	375 ft	121 ft	-254 ft
VOCB	L23-Y	RW23	ICMB1	1'588 ft	1'327 ft	-261 ft
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	517 ft	236 ft	-281 ft
VOGO	L26-V	RW26	DAB01	517 ft	236 ft	-281 ft
VOHS	L09R	RW09R	HBD10	2'302 ft	2'025 ft	-277 ft
VOHS	L27L	RW27L	ISAM1	2'340 ft	2'074 ft	-266 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	363 ft	-255 ft
VOML	L24-Z	RW24	IMNG1	618 ft	363 ft	-255 ft
VOMM	L07	RW07	IMAS1	348 ft	90 ft	-258 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VOMM	L25	RW25	ICHN1	357 ft	102 ft	-255 ft
VOPB	L04	RW04	IPBR2	337 ft	132 ft	-205 ft
VOTP	L26-Y	RW26	01ITP	655 ft	383 ft	-272 ft
VOTR	L27-Y	RW27	ITCY1	575 ft	318 ft	-257 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	L03L	RW03L	IBK34	454 ft	62 ft	-392 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	L36	RW36	DME18	1'570 ft	1'057 ft	-513 ft
VTCC	R36	RW36	MAP36	1'665 ft	1'057 ft	-608 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
VTCT	L03-Z	RW03	CT033	1'330 ft	1'330 ft	ft
VTPH	R16	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	R27	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
VTSE	R06	RW06	SE061	68 ft	68 ft	ft
VTSE	R24	RW24	SE241	68 ft	68 ft	ft
VTSF	L19-Y	RW19	MR19	450 ft	63 ft	-387 ft
VTSF	L19-Z	RW19	MR19	450 ft	63 ft	-387 ft
VTSF	R01	RW01	MAP01	445 ft	63 ft	-382 ft
VTSF	R19	RW19	MR19	445 ft	63 ft	-382 ft
VTSG	L32	RW32	ML32	619 ft	143 ft	-476 ft
VTSG	R32	RW32	SG001	619 ft	143 ft	-476 ft
VTSM	R17	RW17	SM170	93 ft	93 ft	ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VTSM	R35	RW35	SM350	106 ft	106 ft	ft
VTSP	L27	RW27	MM27	307 ft	132 ft	-175 ft
VTSR	L02	RW02	IRA21	720 ft	86 ft	-634 ft
VTSR	R02	RW02	UNNH	850 ft	86 ft	-764 ft
VTSS	L26	RW26	IHT15	528 ft	108 ft	-420 ft
VTUD	L30	RW30	IUD17	1'100 ft	629 ft	-471 ft
VTUD	R30	RW30	NM13	1'054 ft	629 ft	-425 ft
VTUI	L23	RW23	ISK23	825 ft	576 ft	-249 ft
VTUK	R21	RW21	MAP21	1'038 ft	720 ft	-318 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
VTUV	R18	RW18	UV113	ft	501 ft	501 ft
VTUV	R36	RW36	UV306	ft	501 ft	501 ft

## VV

WBM	L09-Y	RW09	IBM18	2'398 ft	1'761 ft	-637 ft
WBM	L09-Z	RW09	IBM18	2'398 ft	1'761 ft	-637 ft
WCA	L32	RW32	ICL25	817 ft	70 ft	-747 ft
WCI	L07-Y	RW07	13ICB	443 ft	58 ft	-385 ft
WCI	L07-Z	RW07	13ICB	443 ft	58 ft	-385 ft
WCR	H02LY	RW02L	MH02L	594 ft	70 ft	-524 ft
WCR	H02LZ	RW02L	MH02L	594 ft	70 ft	-524 ft
WCR	L02LX	RW02L	ICR23	874 ft	70 ft	-804 ft
WCR	L02LY	RW02L	ICR22	837 ft	70 ft	-767 ft
WCR	L02LZ	RW02L	ICR23	874 ft	70 ft	-804 ft
WCR	L02RX	RW02R	ICX16	613 ft	69 ft	-544 ft
WCR	L02RY	RW02R	ICX22	850 ft	65 ft	-785 ft
WCR	L02RZ	RW02R	ICX16	613 ft	69 ft	-544 ft
WCR	L20LX	RW20L	ICA20	665 ft	85 ft	-580 ft
WCR	L20LY	RW20L	ICA20	665 ft	85 ft	-580 ft
WCR	L20LZ	RW20L	ICA20	665 ft	85 ft	-580 ft
WCT	L06	RW06	ICT14	454 ft	60 ft	-394 ft
WDH	L29	RW29	IDH14	481 ft	86 ft	-395 ft
WDH	L29	RW29	IDH14	481 ft	86 ft	-395 ft
WDL	L09-Y	RW09	ILK22	3'737 ft	3'098 ft	-639 ft
WDL	L09-Z	RW09	ILK22	3'737 ft	3'098 ft	-639 ft
WDN	L35LW	RW35L	DAD17	552 ft	74 ft	-478 ft
WDN	L35LX	RW35L	DAD17	556 ft	74 ft	-482 ft
WDN	L35LY	RW35L	DAD17	552 ft	74 ft	-478 ft
WDN	L35LZ	RW35L	DAD17	556 ft	74 ft	-482 ft
WDN	L35RW	RW35R	IDR16	531 ft	79 ft	-452 ft
WDN	L35RX	RW35R	IDR16	531 ft	79 ft	-452 ft
WDN	L35RY	RW35R	IDR16	535 ft	83 ft	-452 ft
WDN	L35RZ	RW35R	IDR16	531 ft	79 ft	-452 ft
WNB	L11LX	RW11L	NB15	507 ft	90 ft	-417 ft
WNB	L11LY	RW11L	NB15	504 ft	90 ft	-414 ft
WNB	L11LZ	RW11L	NB15	504 ft	90 ft	-414 ft
WNB	L11RY	RW11R	NBA14	470 ft	88 ft	-382 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
VVNB	L11RZ	RW11R	NBA14	470 ft	88 ft	-382 ft
VVNB	L29LX	RW29L	INB14	474 ft	89 ft	-385 ft
VVNB	L29LY	RW29L	INB14	474 ft	89 ft	-385 ft
VVNB	L29LZ	RW29L	INB14	474 ft	89 ft	-385 ft
WVPB	L27-X	RW27	PBA14	477 ft	63 ft	-414 ft
WVPB	L27-Y	RW27	PBA14	463 ft	63 ft	-400 ft
WVPB	L27-Z	RW27	PBA14	463 ft	63 ft	-400 ft
WVPB	R27	RW27	PB600	414 ft	63 ft	-351 ft
WPC	L33	RW33	IPC13	500 ft	135 ft	-365 ft
WPK	L27-Y	RW27	17IPK	2'949 ft	2'457 ft	-492 ft
WPK	L27-Z	RW27	17IPK	2'949 ft	2'457 ft	-492 ft
WVQ	H10-X	RW10	MIHER	713 ft	63 ft	-650 ft
WVQ	H10-Y	RW10	MIHER	713 ft	63 ft	-650 ft
WVQ	H10-Z	RW10	MIHER	713 ft	63 ft	-650 ft
WVQ	L10	RW10	IPQ23	745 ft	63 ft	-682 ft
WVQ	L10-X	RW10	IPQ23	743 ft	63 ft	-680 ft
WVQ	L10-Y	RW10	IPQ23	743 ft	63 ft	-680 ft
WVQ	L10-Z	RW10	IPQ23	743 ft	63 ft	-680 ft
WVQ	L28	RW28	IPH21	686 ft	73 ft	-613 ft
WVQ	L28-X	RW28	IPH21	685 ft	73 ft	-612 ft
WVQ	L28-Y	RW28	IPH21	685 ft	73 ft	-612 ft
WVQ	L28-Z	RW28	IPH21	685 ft	73 ft	-612 ft
WVH	L21-Y	RW21	ITH2	657 ft	73 ft	-584 ft
WVH	L21-Y	RW21	ITH2	657 ft	73 ft	-584 ft
WVH	L21-Z	RW21	ITH2	657 ft	73 ft	-584 ft
WVH	L21-Z	RW21	ITH2	657 ft	73 ft	-584 ft
WVH	L07RX	RW07R	ITS1	340 ft	74 ft	-266 ft
WVH	L07RY	RW07R	ITS15	501 ft	74 ft	-427 ft
WVH	L07RZ	RW07R	ITS15	501 ft	74 ft	-427 ft
WVH	L25LX	RW25L	SGN12	414 ft	82 ft	-332 ft
WVH	L25LY	RW25L	SGN15	508 ft	82 ft	-426 ft
WVH	L25LZ	RW25L	SGN15	508 ft	82 ft	-426 ft
WVH	L25RX	RW25R	HCM13	446 ft	84 ft	-362 ft
WVH	L25RY	RW25R	HCM11	377 ft	82 ft	-295 ft
WVH	L25RZ	RW25R	HCM11	378 ft	82 ft	-296 ft
WVH	L31-Y	RW31	ITX17	575 ft	96 ft	-479 ft
WVH	L31-Z	RW31	ITX17	575 ft	96 ft	-479 ft
WVH	L03-W	RW03	IVD23	755 ft	73 ft	-682 ft
WVH	L03-X	RW03	IVD23	755 ft	73 ft	-682 ft
WVH	L03-Y	RW03	IVD23	755 ft	73 ft	-682 ft
WVH	L03-Y	RW03	IVD23	755 ft	73 ft	-682 ft
WVH	L03-Z	RW03	IVD23	755 ft	73 ft	-682 ft
WVH	L03-Z	RW03	IVD23	755 ft	73 ft	-682 ft
WVH	L17-V	RW17	IVH13	428 ft	66 ft	-362 ft
WVH	L17-Y	RW17	IVH11	365 ft	67 ft	-298 ft
WVH	L17-Z	RW17	IVH13	429 ft	67 ft	-362 ft

**VY**

VYHH	H36	RW36	PASNO	4'212 ft	3'894 ft	-318 ft
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Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
YYYY	L21-Y	RW21	IYG08	296 ft	93 ft	-203 ft
YYYY	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
WABB	L11	RW11	BIK	220 ft	86 ft	-134 ft
WADD	L27	RW27	MM27	303 ft	72 ft	-231 ft
WADL	L13	RW13	MM13	537 ft	357 ft	-180 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
WALL	L25	RW25	07IBP	229 ft	62 ft	-167 ft
WAMH	H15	RW15	MH404	729 ft	113 ft	-616 ft
WAOC	H09	RW09	OC403	528 ft	66 ft	-462 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	263 ft	104 ft	-159 ft
WAPP	L04	RW04	IAM15	463 ft	83 ft	-380 ft
WAQQ	L06	RW06	TRK13	339 ft	73 ft	-266 ft
WARA	L35	RW35	ML35	2'087 ft	1'762 ft	-325 ft
WARR	L10	RW10	SBR04	228 ft	61 ft	-167 ft
WASS	R09	RW09	SS703	636 ft	67 ft	-569 ft
WASS	R27	RW27	SS804	531 ft	66 ft	-465 ft
WATE	H27	RW27	TE603	897 ft	69 ft	-828 ft
WATK	H10	RW10	TK403	690 ft	203 ft	-487 ft
WATO	H17	RW17	MD403	894 ft	278 ft	-616 ft
WATT	L25	RW25	MM25	566 ft	385 ft	-181 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	VMI33	605 ft	109 ft	-496 ft
WBGR	L02-Z	RW02	VMI33	605 ft	109 ft	-496 ft
WBGs	L13	RW13	ISU14	520 ft	131 ft	-389 ft
WBGs	L13-V	RW13	ISU14	520 ft	131 ft	-389 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
WBKK	L20-Z	RW20	IKD19	610 ft	61 ft	-549 ft
WBKS	L08	RW08	ISKN1	420 ft	88 ft	-332 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

WIBB	L36	RW36	05PKU	426 ft	163 ft	-263 ft
WICA	L14	RW14	IKT14	572 ft	178 ft	-394 ft
WIDD	L04	RW04	MM04	353 ft	173 ft	-180 ft
WIEE	L33	RW33	MKB14	258 ft	68 ft	-190 ft
WIGG	L13	RW13	MM13	290 ft	102 ft	-188 ft
WIHH	L24	RW24	MM24	303 ft	134 ft	-169 ft
WIII	L07L	RW07L	ML07L	303 ft	79 ft	-224 ft
WIII	L07R	RW07R	ML07R	212 ft	84 ft	-128 ft
WIII	L25L	RW25L	ML25L	300 ft	77 ft	-223 ft
WIII	L25R	RW25R	ML25R	262 ft	71 ft	-191 ft
WIKT	L36	RW36	MM36	393 ft	202 ft	-191 ft
WIMM	L05	RW05	IDE07	242 ft	73 ft	-169 ft
WIMM	L23	RW23	07IDE	239 ft	70 ft	-169 ft
WIMN	L27	RW27	07ISL	4'851 ft	4'681 ft	-170 ft
WIMS	R12	RW12	MS404	306 ft	83 ft	-223 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	L17	RW17	IBAC6	242 ft	115 ft	-127 ft
WITT	L17	RW17	IBAC7	274 ft	115 ft	-159 ft
WITT	R17	RW17	TT804	561 ft	115 ft	-446 ft

## WM

WMKA	L04	RW04	IAS01	330 ft	62 ft	-268 ft
WMKD	L36-X	RW36	IKN7	301 ft	106 ft	-195 ft
WMKD	L36-Y	RW36	IKN7	297 ft	106 ft	-191 ft
WMKD	L36-Z	RW36	IKN7	297 ft	106 ft	-191 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
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	20IEL	691 ft	104 ft	-587 ft
WMKK	L14RY	RW14R	IWR16	567 ft	104 ft	-463 ft
WMKK	L14RZ	RW14R	IWR16	567 ft	104 ft	-463 ft
WMKK	L15	RW15	IWK16	734 ft	78 ft	-656 ft
WMKK	L15-X	RW15	IWK16	538 ft	78 ft	-460 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
WMKK	L32LY	RW32L	IWL17	589 ft	98 ft	-491 ft
WMKK	L32LZ	RW32L	IWL17	589 ft	98 ft	-491 ft
WMKK	L32R	RW32R	IER17	608 ft	119 ft	-489 ft
WMKK	L33	RW33	IWM17	582 ft	78 ft	-504 ft
WMKK	L33-X	RW33	IWM17	582 ft	78 ft	-504 ft
WMKL	L03-Y	RW03	ILK17	549 ft	66 ft	-483 ft
WMKL	L03-Z	RW03	ILK17	549 ft	66 ft	-483 ft
WMKM	L03-Y	RW03	IKK14	457 ft	68 ft	-389 ft
WMKM	L03-Z	RW03	IKK14	457 ft	68 ft	-389 ft
WMKN	L04-Y	RW04	IKT06	205 ft	69 ft	-136 ft
WMKN	L04-Z	RW04	IKT06	205 ft	69 ft	-136 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	R05-Z	RW05	ARMW	3'666 ft	3'581 ft	-85 ft
YARM	R23-Z	RW23	ARME	3'690 ft	3'604 ft	-86 ft
YAUR	R34	RW34	AURSM	165 ft	79 ft	-86 ft
YBAF	R28RZ	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	RW14	ICG1	333 ft	71 ft	-262 ft
YBCS	L15-W	RW15	CS15	797 ft	60 ft	-737 ft
YBCS	L15-X	RW15	CS15	802 ft	60 ft	-742 ft
YBCS	L15-Y	RW15	ICS25	802 ft	60 ft	-742 ft
YBCS	L15-Z	RW15	ICS25	802 ft	60 ft	-742 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
YBCS	R15-Y	RW15	CNSNZ	452 ft	60 ft	-392 ft
YBCS	R15-Z	RW15	CNSNM	860 ft	60 ft	-800 ft
YBDV	R14-Z	RW14	BDVNM	246 ft	209 ft	-37 ft
YBDV	R32-Z	RW32	BDVSM	289 ft	202 ft	-87 ft
YBGO	R33	RW33	BGOSM	1'557 ft	1'490 ft	-67 ft
YBHM	R14-Z	RW14	HTINM	702 ft	65 ft	-637 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YBHM	R32-Z	RW32	HTISM	734 ft	65 ft	-669 ft
YBIE	R14-Z	RW14	BIENM	440 ft	341 ft	-99 ft
YBIE	R32-Z	RW32	BIESM	430 ft	343 ft	-87 ft
YBMA	R16-Z	RW16	BMAN	1'393 ft	1'152 ft	-241 ft
YBMA	R34-Z	RW34	BMASM	1'402 ft	1'161 ft	-241 ft
YBMK	R14-Z	RW14	BMKN	153 ft	67 ft	-86 ft
YBMK	R32-Z	RW32	BMKSM	150 ft	64 ft	-86 ft
YBOK	L14-Z	RW14	MM14	1'543 ft	1'384 ft	-159 ft
YBOK	R14-Z	RW14	OKYNM	1'472 ft	1'384 ft	-88 ft
YBOK	R23-Z	RW23	OKYEM	1'608 ft	1'385 ft	-223 ft
YBPN	R11-Z	RW11	PPPW	430 ft	108 ft	-322 ft
YBRK	R15-Z	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	R31-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	L01-X	RW01	02TL	482 ft	68 ft	-414 ft
YBTL	L01-Z	RW01	ITL14	451 ft	68 ft	-383 ft
YBTL	R07-Z	RW07	TSVW	492 ft	62 ft	-430 ft
YBTL	R19-Z	RW19	TSVNM	222 ft	63 ft	-159 ft
YBWP	R12-Z	RW12	WEIW	253 ft	107 ft	-146 ft
YBWW	R12-Y	RW12	BWWN	1'731 ft	1'486 ft	-245 ft
YBWW	R12-Z	RW12	BWWN	1'731 ft	1'486 ft	-245 ft
YCBB	R29	RW29	CBBEM	2'253 ft	2'167 ft	-86 ft
YCGO	R17-Z	RW17	CGON	1'720 ft	1'147 ft	-573 ft
YCGO	R35-Z	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	R11-Z	RW11	CTNW	392 ft	74 ft	-318 ft
YCKN	R29-Z	RW29	CTNEM	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	R05	RW05	CNMW	732 ft	646 ft	-86 ft
YCNM	R23	RW23	CNME	732 ft	646 ft	-86 ft
YCOE	R11-Z	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	R11	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	R14	RW14	GLINM	3'715 ft	3'478 ft	-237 ft
YHOO	R10	RW10	HOOW	1'184 ft	1'082 ft	-102 ft
YIFL	R32	RW32	IFLEM	543 ft	96 ft	-447 ft
YIVL	R34	RW34	IVLSM	2'960 ft	2'717 ft	-243 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YJLC	R10-Z	RW10	JLCWM	537 ft	452 ft	-85 ft
YJLC	R28-Z	RW28	JLCEM	538 ft	452 ft	-86 ft
YKMP	R22	RW22	KMPN	185 ft	100 ft	-85 ft
YKRY	R16	RW16	KRYNM	1'785 ft	1'467 ft	-318 ft
YLHI	R10-Z	RW10	LHIWM	383 ft	65 ft	-318 ft
YLHR	R30-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	R04-Z	RW04	MDGW	1'917 ft	1'556 ft	-361 ft
YMDG	R22	RW22	MDGE	1'833 ft	1'594 ft	-239 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	R14-Z	RW14	PAMN	1'024 ft	70 ft	-954 ft
YPAM	R32-Z	RW32	PAMSM	754 ft	66 ft	-688 ft
YPDN	L29-X	RW29	DN	361 ft	131 ft	-230 ft
YPDN	L29-Z	RW29	IDN09	314 ft	131 ft	-183 ft
YPGV	R13-Z	RW13	PGVW	319 ft	255 ft	-64 ft
YPGV	R31-Z	RW31	PGVEM	478 ft	235 ft	-243 ft
YPMP	R14-Z	RW14	PMPN	216 ft	60 ft	-156 ft
YPMP	R32-Z	RW32	PMPSM	441 ft	60 ft	-381 ft
YPTN	L14-Z	RW14	TDL12	656 ft	478 ft	-178 ft
YQLP	R09-Z	RW09	QLPW	789 ft	703 ft	-86 ft
YQLP	R27-Z	RW27	QLPEM	778 ft	692 ft	-86 ft
YRMD	R09-Z	RW09	RMDW	796 ft	708 ft	-88 ft
YRMD	R27-Z	RW27	RMDE	813 ft	725 ft	-88 ft
YSCO	R29-Z	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	R04-Y	RW04	SNFSM	693 ft	375 ft	-318 ft
YSNF	R29-Y	RW29	SNZEM	894 ft	416 ft	-478 ft
YSNK	R31-Z	RW31	SNBSM	309 ft	223 ft	-86 ft
YSPE	R08-Z	RW08	SPEW	3'093 ft	2'990 ft	-103 ft
YSTW	L30R	RW30R	ITW16	1'854 ft	1'376 ft	-478 ft
YSTW	R12L	RW12L	STWW	1'419 ft	1'333 ft	-86 ft
YSTW	R30R	RW30R	STWE	1'462 ft	1'376 ft	-86 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
YTNG	R10-Z	RW10	TNGW	768 ft	680 ft	-88 ft
YTRE	R04-Z	RW04	TROSM	102 ft	82 ft	-20 ft
YTWB	R11-Z	RW11	TWBW	2'567 ft	2'130 ft	-437 ft
YTWB	R29-Z	RW29	TWBE	2'534 ft	2'118 ft	-416 ft
YWDH	R04-Z	RW04	WDHS	564 ft	480 ft	-84 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
YWLM	R12	RW12	NTLW	79 ft	79 ft	ft
YWTN	R14-Z	RW14	WTNN	773 ft	688 ft	-85 ft
YWYM	R12-Z	RW12	WYMW	233 ft	63 ft	-170 ft
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	BNSEM	289 ft	205 ft	-84 ft
YBRW	R21-Z	RW21	BRWN	508 ft	419 ft	-89 ft
YBWX	R03-Z	RW03	BWXS	161 ft	75 ft	-86 ft
YBWX	R21-Z	RW21	BWBN	308 ft	67 ft	-241 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	1'018 ft	-88 ft
YCNF	R30	RW30	CNFEM	1'043 ft	1'018 ft	-25 ft
YCOM	R18	RW18	COMN	3'375 ft	3'098 ft	-277 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
YECH	R17-Z	RW17	ECHNM	456 ft	371 ft	-85 ft
YECH	R35-Z	RW35	ECHSM	458 ft	372 ft	-86 ft
YEWA	R28	RW28	EWZE	1'949 ft	1'621 ft	-328 ft
YFLI	R05-Z	RW05	FLIZM	416 ft	66 ft	-350 ft
YFRT	R18-Z	RW18	FRTNM	647 ft	559 ft	-88 ft
YFRT	R27-Z	RW27	FRTEM	637 ft	553 ft	-84 ft
YHAY	R04-Z	RW04	HXXSM	353 ft	353 ft	ft
YHOT	R29-Z	RW29	HOZEM	4'670 ft	4'279 ft	-391 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
YLTN	R25-Z	RW25	LTNEM	1'665 ft	1'580 ft	-85 ft
YMAV	L18-Y	RW18	AV02	280 ft	82 ft	-198 ft
YMAV	L18-Z	RW18	IAV08	273 ft	82 ft	-191 ft
YMAY	R25-Z	RW25	MAYEM	669 ft	581 ft	-88 ft
YMCO	R18	RW18	MCON	221 ft	135 ft	-86 ft
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	62 ft	-148 ft
YMHB	L12-Z	RW12	IHB06	189 ft	62 ft	-127 ft
YMHB	R12-Z	RW12	HBZW	303 ft	62 ft	-241 ft
YMIA	R09-Z	RW09	MIAW	302 ft	217 ft	-85 ft
YMIA	R18-Z	RW18	MIANM	298 ft	212 ft	-86 ft
YMIA	R27-Z	RW27	MIAEM	296 ft	211 ft	-85 ft
YMIA	R36-Z	RW36	MIASM	301 ft	215 ft	-86 ft
YMLT	L32LY	RW32L	LT	806 ft	598 ft	-208 ft
YMLT	L32LZ	RW32L	LT	806 ft	598 ft	-208 ft
YMMB	R17LZ	RW17L	MMBN	303 ft	96 ft	-207 ft
YMMI	R03-Z	RW03	MMISM	1'671 ft	1'585 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
YMML	R09-Z	RW09	MMLW	531 ft	445 ft	-86 ft
YMNG	R23-Z	RW23	MNGE	600 ft	514 ft	-86 ft
YMRV	R18-Z	RW18	MRYN	150 ft	67 ft	-83 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	826 ft	-87 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
YORB	R07	RW07	ORBW	288 ft	129 ft	-159 ft
YORB	R25	RW25	ORBEM	303 ft	144 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YPEA	L18LZ	RW18L	13PEA	357 ft	169 ft	-188 ft
YPED	L18-Z	RW18	MM18	300 ft	111 ft	-189 ft
YPJT	R06LZ	RW06L	PJTWM	208 ft	144 ft	-64 ft
YPKG	R11-Z	RW11	PKGW	1'339 ft	1'253 ft	-86 ft
YPKG	R18-Z	RW18	PKGNM	1'302 ft	1'216 ft	-86 ft
YPKG	R29-Z	RW29	PKGEM	1'282 ft	1'197 ft	-85 ft
YPKG	R36-Z	RW36	PKGSM	1'323 ft	1'237 ft	-86 ft
YPLC	R19-Z	RW19	PLZNM	358 ft	70 ft	-288 ft
YPOD	R08	RW08	PODW	393 ft	306 ft	-87 ft
YPOD	R26	RW26	PODEM	365 ft	311 ft	-54 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
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	R11CZ	RW11C	SBKW	345 ft	73 ft	-272 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
YSCB	R30-Z	RW30	CBREM	2'056 ft	1'936 ft	-120 ft
YSCB	R35-Z	RW35	CBRSM	2'012 ft	1'919 ft	-93 ft
YSHL	R16-Z	RW16	WOLN	467 ft	72 ft	-395 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	SLJWM	2'677 ft	2'040 ft	-637 ft
YSOL	R27	RW27	SLJEM	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	1'357 ft	754 ft	-603 ft
YSWG	L23-Z	RW23	IWG02	1'325 ft	754 ft	-571 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



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
YWBL	R31-Z	RW31	WBLEM	355 ft	271 ft	-84 ft
YWGT	R18-Z	RW18	WGTM	634 ft	549 ft	-85 ft
YWHC	R12	RW12	WHCW	ft	562 ft	562 ft
YWHC	R30	RW30	WHCE	ft	586 ft	586 ft
YWLU	R15	RW15	WLUN	1'799 ft	1'699 ft	-100 ft
YWLU	R33	RW33	WLUS	1'760 ft	1'674 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	RW01	INJ07	317 ft	134 ft	-183 ft
ZBAA	L18L	RW18L	INJ24	314 ft	160 ft	-154 ft
ZBAA	L18R	RW18R	ILG08	355 ft	165 ft	-190 ft
ZBAA	L19	RW19	ISZ07	319 ft	144 ft	-175 ft
ZBAA	L36L	RW36L	MM36L	342 ft	157 ft	-185 ft
ZBAA	L36R	RW36R	IM36R	197 ft	148 ft	-49 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
ZBCF	H03	RW03	CF500	ft	2'087 ft	2'087 ft
ZBCF	H21	RW21	CF600	ft	2'053 ft	2'053 ft
ZBDH	L26	RW26	QHD	304 ft	96 ft	-208 ft
ZBDS	L13-Y	RW13	HDS17	4'879 ft	4'642 ft	-237 ft
ZBDS	L13-Z	RW13	HDS17	4'880 ft	4'642 ft	-238 ft
ZBDS	L31-Y	RW31	HDS15	4'861 ft	4'628 ft	-233 ft
ZBDS	L31-Z	RW31	ML31	4'883 ft	4'628 ft	-255 ft
ZBDT	L32	RW32	BJZ07	3'698 ft	3'494 ft	-204 ft
ZBER	L30	RW30	LHT	3'646 ft	3'348 ft	-298 ft
ZBES	R08	RW08	ES300	2'965 ft	2'965 ft	ft
ZBES	R26	RW26	ES400	2'990 ft	2'990 ft	ft
ZBHH	L08-X	RW08	07IFX	3'747 ft	3'561 ft	-186 ft
ZBHH	L08-Y	RW08	07IFX	3'747 ft	3'561 ft	-186 ft
ZBHH	L08-Z	RW08	07IFX	3'747 ft	3'561 ft	-186 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
ZBLA	L27	RW27	U	2'385 ft	2'200 ft	-185 ft
ZBLF	H17	RW17	LF400	ft	1'642 ft	1'642 ft
ZBLF	H35	RW35	LF500	ft	1'683 ft	1'683 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZBMZ	L12-Y	RW12	G	2'539 ft	2'246 ft	-293 ft
ZBMZ	L12-Z	RW12	G	2'539 ft	2'246 ft	-293 ft
ZBMZ	L30-Y	RW30	Z	2'478 ft	2'279 ft	-199 ft
ZBMZ	L30-Z	RW30	Z	2'478 ft	2'279 ft	-199 ft
ZBOW	L13	RW13	X	3'578 ft	3'371 ft	-207 ft
ZBOW	L31	RW31	13BAV	3'516 ft	3'347 ft	-169 ft
ZBSJ	L15	RW15	O	425 ft	283 ft	-142 ft
ZBSJ	L33	RW33	F	484 ft	271 ft	-213 ft
ZBSN	H28	RW28	SN800	443 ft	99 ft	-344 ft
ZBTJ	L16L	RW16L	ICU10	321 ft	54 ft	-267 ft
ZBTJ	L16R	RW16R	IJS08	244 ft	55 ft	-189 ft
ZBTJ	L34L	RW34L	ICG08	247 ft	56 ft	-191 ft
ZBTJ	L34R	RW34R	IKD07	223 ft	55 ft	-168 ft
ZBUH	H01	RW01	MA700	ft	3'637 ft	3'637 ft
ZBUH	H19	RW19	MA800	ft	3'696 ft	3'696 ft
ZBXZ	H08	RW08	XZ400	ft	2'607 ft	2'607 ft
ZBXZ	H26	RW26	XZ500	ft	2'580 ft	2'580 ft
ZBYC	L26	RW26	MM	1'455 ft	1'300 ft	-155 ft
ZBYN	L13-Y	RW13	ICC08	2'802 ft	2'598 ft	-204 ft
ZBYN	L13-Z	RW13	ICC08	2'802 ft	2'598 ft	-204 ft
ZBYN	L31-Y	RW31	IBB09	2'858 ft	2'629 ft	-229 ft
ZBYN	L31-Z	RW31	IBB09	2'858 ft	2'629 ft	-229 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	300 ft	119 ft	-181 ft
ZGCD	L02	RW02	C	375 ft	199 ft	-176 ft
ZGCJ	H04	RW04	CJ400	907 ft	907 ft	ft
ZGCJ	H22	RW22	CJ500	ft	927 ft	927 ft
ZGDY	L08-X	RW08	DYG	1'214 ft	763 ft	-451 ft
ZGDY	L08-Y	RW08	DYG	1'214 ft	763 ft	-451 ft
ZGDY	L08-Z	RW08	DYG	1'214 ft	763 ft	-451 ft
ZGDY	L26-Y	RW26	IPS12	1'089 ft	715 ft	-374 ft
ZGDY	L26-Z	RW26	IPS12	1'089 ft	715 ft	-374 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
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
ZGMX	L04	RW04	IQU07	536 ft	342 ft	-194 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	432 ft	101 ft	-331 ft
ZGOW	L04-Z	RW04	IJY12	422 ft	101 ft	-321 ft
ZGOW	L22-Y	RW22	ICS02	74 ft	67 ft	-7 ft
ZGOW	L22-Z	RW22	ICS02	74 ft	67 ft	-7 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
ZGZH	L34	RW34	D	591 ft	379 ft	-212 ft
ZGZJ	L16-Y	RW16	N	320 ft	183 ft	-137 ft
ZGZJ	L16-Z	RW16	N	321 ft	183 ft	-138 ft
ZGZJ	L34-Y	RW34	L	401 ft	173 ft	-228 ft
ZGZJ	L34-Z	RW34	L	401 ft	173 ft	-228 ft
ZGZJ	R16	RW16	ZJ400	183 ft	183 ft	ft
ZGZJ	R34	RW34	ZJ500	173 ft	173 ft	ft

## ZH

ZHCC	L12LY	RW12L	IXL10	807 ft	546 ft	-261 ft
ZHCC	L12LZ	RW12L	IXL10	807 ft	546 ft	-261 ft
ZHCC	L12RY	RW12R	IFF07	712 ft	544 ft	-168 ft
ZHCC	L12RZ	RW12R	IFF07	712 ft	544 ft	-168 ft
ZHCC	L30LY	RW30L	IAA07	705 ft	534 ft	-171 ft
ZHCC	L30LZ	RW30L	IAA07	705 ft	534 ft	-171 ft
ZHCC	L30RY	RW30R	IZR07	707 ft	526 ft	-181 ft
ZHCC	L30RZ	RW30R	IZR07	707 ft	526 ft	-181 ft
ZHES	L01	RW01	IGG08	1'890 ft	1'674 ft	-216 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZHHH	L04LY	RW04L	IHN07	319 ft	145 ft	-174 ft
ZHHH	L04LZ	RW04L	IHN07	319 ft	145 ft	-174 ft
ZHHH	L04RW	RW04R	IWF07	320 ft	147 ft	-173 ft
ZHHH	L04RX	RW04R	IWF07	320 ft	147 ft	-173 ft
ZHHH	L04RY	RW04R	IWF07	320 ft	147 ft	-173 ft
ZHHH	L04RZ	RW04R	IWF07	320 ft	147 ft	-173 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
ZHYC	L14	RW14	IYC08	917 ft	722 ft	-195 ft

## ZJ

ZJHK	L09-Y	RW09	H	304 ft	124 ft	-180 ft
ZJHK	L09-Z	RW09	H	304 ft	124 ft	-180 ft
ZJHK	L27-Y	RW27	P	313 ft	115 ft	-198 ft
ZJHK	L27-Z	RW27	P	313 ft	115 ft	-198 ft
ZJQH	L15	RW15	IBO08	298 ft	103 ft	-195 ft
ZJQH	L33	RW33	32DBA	368 ft	89 ft	-279 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
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
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
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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	1'804 ft	1'612 ft	-192 ft
ZLXY	L05LZ	RW05L	IGG08	1'804 ft	1'612 ft	-192 ft
ZLXY	L05RY	RW05R	IXW08	1'797 ft	1'606 ft	-191 ft
ZLXY	L05RZ	RW05R	IXW08	1'797 ft	1'606 ft	-191 ft
ZLXY	L23LY	RW23L	IAQ08	1'779 ft	1'588 ft	-191 ft
ZLXY	L23LZ	RW23L	IAQ08	1'779 ft	1'588 ft	-191 ft
ZLXY	L23RY	RW23R	IMM08	1'810 ft	1'619 ft	-191 ft
ZLXY	L23RZ	RW23R	IMM08	1'810 ft	1'619 ft	-191 ft
ZLYA	H17	RW17	YN700	ft	3'933 ft	3'933 ft
ZLYA	H35	RW35	YN800	ft	4'018 ft	4'018 ft
ZLYL	L16	RW16	ABYLX	4'123 ft	3'942 ft	-181 ft
ZLYL	L34	RW34	07IYL	4'076 ft	3'905 ft	-171 ft
ZLZW	R09	RW09	ZW500	ft	4'136 ft	4'136 ft
ZLZW	R27	RW27	ZW600	ft	4'096 ft	4'096 ft

## ZM

ZMCK	L29-X	RW29	CDA09	4'765 ft	4'532 ft	-233 ft
ZMCK	L29-Y	RW29	CDA09	4'765 ft	4'532 ft	-233 ft
ZMCK	L29-Z	RW29	CDA09	4'765 ft	4'532 ft	-233 ft
ZMKD	R34	RW34	KD34M	5'312 ft	4'948 ft	-364 ft
ZMMN	R28	RW28	MN28	5'017 ft	4'289 ft	-728 ft
ZMUB	R14	RW14	UB14M	4'861 ft	4'200 ft	-661 ft
ZMUL	R31	RW31	UL31M	6'927 ft	5'693 ft	-1'234 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	2'707 ft	1'863 ft	-844 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
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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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
ZUBZ	H07	RW07	BZ600	ft	1'836 ft	1'836 ft
ZUBZ	H25	RW25	BZ500	ft	1'870 ft	1'870 ft
ZUBZ	L07-Z	RW07	IBZ17	2'319 ft	1'836 ft	-483 ft
ZUCK	L02LY	RW02L	IWX16	1'848 ft	1'401 ft	-447 ft
ZUCK	L02LZ	RW02L	IWX16	1'859 ft	1'401 ft	-458 ft
ZUCK	L02RY	RW02R	IJC16	1'848 ft	1'399 ft	-449 ft
ZUCK	L02RZ	RW02R	IJC16	1'859 ft	1'399 ft	-460 ft
ZUCK	L03-Y	RW03	IQT17	1'859 ft	1'380 ft	-479 ft
ZUCK	L03-Z	RW03	IQT17	1'867 ft	1'380 ft	-487 ft
ZUCK	L20LY	RW20L	IMW15	1'809 ft	1'394 ft	-415 ft
ZUCK	L20LZ	RW20L	IMW15	1'808 ft	1'394 ft	-414 ft
ZUCK	L20RY	RW20R	IOS15	1'813 ft	1'399 ft	-414 ft
ZUCK	L20RZ	RW20R	IOS15	1'826 ft	1'399 ft	-427 ft
ZUCK	L21-Y	RW21	ICO15	1'768 ft	1'353 ft	-415 ft
ZUCK	L21-Z	RW21	ICO15	1'779 ft	1'353 ft	-426 ft
ZUGY	L01LY	RW01L	IGG24	4'493 ft	3'787 ft	-706 ft
ZUGY	L01LZ	RW01L	IGG24	4'493 ft	3'787 ft	-706 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	4'151 ft	3'771 ft	-380 ft
ZUGY	L19LZ	RW19L	IDL13	4'151 ft	3'771 ft	-380 ft
ZUGY	L19RY	RW19R	IGY13	4'140 ft	3'781 ft	-359 ft
ZUGY	L19RZ	RW19R	IGY13	4'140 ft	3'781 ft	-359 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	R06	RW06	NC200	1'213 ft	1'213 ft	ft
ZUNC	R24	RW24	NC300	1'145 ft	1'145 ft	ft
ZUPS	L23-Z	RW23	IYZ25	7'257 ft	6'484 ft	-773 ft
ZUPS	R05	RW05	PS100	6'530 ft	6'530 ft	ft
ZUPS	R23	RW23	PS200	6'484 ft	6'484 ft	ft
ZUTR	L04-Y	RW04	IOG02	2'943 ft	2'354 ft	-589 ft
ZUUU	L02LY	RW02L	IZW14	2'049 ft	1'667 ft	-382 ft
ZUUU	L02LZ	RW02L	IZW14	2'049 ft	1'667 ft	-382 ft
ZUUU	L02RY	RW02R	ICR14	2'117 ft	1'731 ft	-386 ft
ZUUU	L02RZ	RW02R	ICR14	2'117 ft	1'731 ft	-386 ft
ZUUU	L20LY	RW20L	IDE17	2'170 ft	1'679 ft	-491 ft
ZUUU	L20LZ	RW20L	IDE17	2'170 ft	1'679 ft	-491 ft
ZUUU	L20RY	RW20R	IAA14	2'065 ft	1'675 ft	-390 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZUUU	L20RZ	RW20R	IAA14	2'065 ft	1'675 ft	-390 ft
ZUXC	L36	RW36	IGO34	6'145 ft	5'124 ft	-1'021 ft
ZUYI	R16	RW16	XY410	4'163 ft	4'163 ft	ft
ZUYI	R34	RW34	XY420	4'129 ft	4'129 ft	ft
ZUZY	L18-Y	RW18	IGZ20	3'379 ft	2'774 ft	-605 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	395 ft	72 ft	-323 ft
ZSCG	L11-Z	RW11	IZJ12	395 ft	72 ft	-323 ft
ZSCG	L29-Y	RW29	IBN12	397 ft	74 ft	-323 ft
ZSCG	L29-Z	RW29	IBN12	396 ft	74 ft	-322 ft
ZSCN	L03-Y	RW03	IEE11	462 ft	172 ft	-290 ft
ZSCN	L03-Z	RW03	IEE11	462 ft	172 ft	-290 ft
ZSCN	L21-Y	RW21	INC11	474 ft	182 ft	-292 ft
ZSCN	L21-Z	RW21	INC11	474 ft	182 ft	-292 ft
ZSDY	R18	RW18	DY100	66 ft	66 ft	ft
ZSDY	R36	RW36	DY200	66 ft	66 ft	ft
ZSFY	H03	RW03	FY100	ft	158 ft	158 ft
ZSFY	H21	RW21	FY200	ft	158 ft	158 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	463 ft	97 ft	-366 ft
ZSFZ	L21-Z	RW21	INN13	463 ft	97 ft	-366 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	HGH34	357 ft	72 ft	-285 ft
ZSHC	L07-Z	RW07	HGH34	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	HGH04	380 ft	72 ft	-308 ft
ZSHC	L25-Z	RW25	HGH04	380 ft	72 ft	-308 ft
ZSJG	H09	RW09	JG100	175 ft	175 ft	ft
ZSJG	H27	RW27	JG200	173 ft	173 ft	ft
ZSJH	R31	RW31	CZ200	ft	115 ft	115 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	H03	RW03	LG200	ft	104 ft	104 ft
ZSLG	H21	RW21	LG300	ft	117 ft	117 ft
ZSLG	L03-X	RW03	IYF01	369 ft	105 ft	-264 ft
ZSLG	L03-Y	RW03	IYF01	369 ft	105 ft	-264 ft
ZSLG	L03-Z	RW03	IYF01	369 ft	105 ft	-264 ft
ZSLY	L01-Y	RW01	ML01	560 ft	261 ft	-299 ft
ZSLY	L19-Y	RW19	ILY11	570 ft	272 ft	-298 ft

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZSNB	L13-Y	RW13	IBK01	350 ft	62 ft	-288 ft
ZSNB	L13-Z	RW13	IBK01	350 ft	62 ft	-288 ft
ZSNB	L31-Y	RW31	ILL17	560 ft	62 ft	-498 ft
ZSNB	L31-Z	RW31	ILL17	560 ft	62 ft	-498 ft
ZSNJ	L06-Y	RW06	IMI12	443 ft	93 ft	-350 ft
ZSNJ	L06-Z	RW06	IMI12	443 ft	93 ft	-350 ft
ZSNJ	L07-Y	RW07	IZZ14	478 ft	91 ft	-387 ft
ZSNJ	L07-Z	RW07	IZZ14	478 ft	91 ft	-387 ft
ZSNJ	L24-Y	RW24	IGG12	413 ft	88 ft	-325 ft
ZSNJ	L24-Z	RW24	IGG12	413 ft	88 ft	-325 ft
ZSNJ	L25-Y	RW25	IPX17	575 ft	89 ft	-486 ft
ZSNJ	L25-Z	RW25	IPX17	576 ft	89 ft	-487 ft
ZSNT	L18-Y	RW18	IXD12	388 ft	66 ft	-322 ft
ZSNT	L18-Z	RW18	IXD12	388 ft	66 ft	-322 ft
ZSNT	L36-Y	RW36	INT12	394 ft	66 ft	-328 ft
ZSNT	L36-Z	RW36	INT12	386 ft	66 ft	-320 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	229 ft	61 ft	-168 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	L34LW	RW34L	IDD07	236 ft	61 ft	-175 ft
ZSPD	L34LX	RW34L	IDD07	236 ft	61 ft	-175 ft
ZSPD	L34LY	RW34L	IDD07	236 ft	61 ft	-175 ft
ZSPD	L34LZ	RW34L	IDD07	236 ft	61 ft	-175 ft
ZSPD	L34RY	RW34R	IPR11	357 ft	62 ft	-295 ft
ZSPD	L34RZ	RW34R	IPR11	357 ft	62 ft	-295 ft
ZSPD	L35LY	RW35L	IBD08	264 ft	62 ft	-202 ft
ZSPD	L35LZ	RW35L	IBD08	263 ft	62 ft	-201 ft
ZSPD	L35RY	RW35R	PUD38	382 ft	60 ft	-322 ft
ZSPD	L35RZ	RW35R	PUD38	384 ft	60 ft	-324 ft
ZSQD	L17-Y	RW17	INX11	380 ft	82 ft	-298 ft
ZSQD	L17-Z	RW17	INX11	378 ft	82 ft	-296 ft
ZSQD	L35-Y	RW35	IPP10	352 ft	83 ft	-269 ft
ZSQD	L35-Z	RW35	IPP10	352 ft	83 ft	-269 ft
ZSQZ	L03-Y	RW03	IDD13	431 ft	71 ft	-360 ft
ZSQZ	L03-Z	RW03	IDD13	431 ft	71 ft	-360 ft
ZSQZ	L21-Y	RW21	IJZ01	332 ft	66 ft	-266 ft
ZSQZ	L21-Z	RW21	IJZ01	332 ft	66 ft	-266 ft
ZSSH	L04-Y	RW04	MI04	384 ft	84 ft	-300 ft
ZSSH	L04-Z	RW04	MI04	384 ft	84 ft	-300 ft



Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
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	329 ft	56 ft	-273 ft
ZSSS	L18LZ	RW18L	IPK10	329 ft	56 ft	-273 ft
ZSSS	L18RY	RW18R	IHQ10	330 ft	59 ft	-271 ft
ZSSS	L18RZ	RW18R	IHQ10	330 ft	59 ft	-271 ft
ZSSS	L36LY	RW36L	ISH11	362 ft	59 ft	-303 ft
ZSSS	L36LZ	RW36L	ISH11	362 ft	59 ft	-303 ft
ZSSS	L36RY	RW36R	IWB10	330 ft	59 ft	-271 ft
ZSSS	L36RZ	RW36R	IWB10	330 ft	59 ft	-271 ft
ZSTX	L13	RW13	IWS09	729 ft	491 ft	-238 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
ZSWZ	L03-Y	RW03	IKN09	291 ft	67 ft	-224 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
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	317 ft	61 ft	-256 ft
ZSYN	L04-Z	RW04	IGF10	325 ft	61 ft	-264 ft
ZSYN	L22-Y	RW22	IYC10	316 ft	60 ft	-256 ft
ZSYN	L22-Z	RW22	IYC10	326 ft	60 ft	-266 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
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Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZWAK	H27	RW27	WS200	ft	3'887 ft	3'887 ft
ZWBL	L28-Y	RW28	BOL	1'513 ft	1'311 ft	-202 ft
ZWBL	L28-Z	RW28	BOL	1'512 ft	1'311 ft	-201 ft
ZWIFY	R12-Y	RW12	FY800	3'133 ft	3'133 ft	ft
ZWIFY	R12-Z	RW12	FY800	3'133 ft	3'133 ft	ft
ZWIFY	R30-Y	RW30	FY600	3'118 ft	3'118 ft	ft
ZWIFY	R30-Z	RW30	FY600	3'118 ft	3'118 ft	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	IXX07	4'755 ft	4'573 ft	-182 ft
ZWSH	L08-Z	RW08	IXX07	4'755 ft	4'573 ft	-182 ft
ZWSH	L26-Y	RW26	L	4'728 ft	4'547 ft	-181 ft
ZWSH	L26-Z	RW26	L	4'771 ft	4'547 ft	-224 ft
ZWTC	R12-Y	RW12	TC400	2'060 ft	2'060 ft	ft
ZWTC	R12-Z	RW12	TC400	2'060 ft	2'060 ft	ft
ZWTC	R30-Y	RW30	TC600	2'046 ft	2'046 ft	ft
ZWTC	R30-Z	RW30	TC600	2'046 ft	2'046 ft	ft
ZWTN	L29	RW29	IRB01	4'984 ft	4'721 ft	-263 ft
ZWWW	L07-Y	RW07	IOY07	2'341 ft	2'175 ft	-166 ft
ZWWW	L07-Z	RW07	IOY07	2'341 ft	2'175 ft	-166 ft
ZWWW	L25-X	RW25	IRM07	2'338 ft	2'176 ft	-162 ft
ZWWW	L25-Y	RW25	IRM07	2'338 ft	2'176 ft	-162 ft
ZWWW	L25-Z	RW25	IRM07	2'340 ft	2'176 ft	-164 ft

## ZY

ZYCC	L06-X	RW06	D	925 ft	756 ft	-169 ft
ZYCC	L06-Y	RW06	D	925 ft	755 ft	-170 ft
ZYCC	L06-Z	RW06	D	925 ft	756 ft	-169 ft
ZYCC	L24-Y	RW24	P	878 ft	696 ft	-182 ft
ZYCC	L24-Z	RW24	P	878 ft	696 ft	-182 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	528 ft	312 ft	-216 ft
ZYJM	L06-Y	RW06	R	528 ft	312 ft	-216 ft
ZYMD	L22-Y	RW22	IQM07	1'080 ft	918 ft	-162 ft
ZYMD	L22-Z	RW22	IQM07	1'080 ft	918 ft	-162 ft
ZYQQ	L17-W	RW17	G	714 ft	526 ft	-188 ft
ZYQQ	L17-X	RW17	G	715 ft	527 ft	-188 ft
ZYQQ	L17-Y	RW17	G	715 ft	527 ft	-188 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

Airport	Apch	Rwy	MAP	Apch Alt	Rwy+TCH	Diff
ZYTX	L06-X	RW06	P	390 ft	220 ft	-170 ft
ZYTX	L06-Y	RW06	IPU07	379 ft	220 ft	-159 ft
ZYTX	L06-Z	RW06	P	390 ft	220 ft	-170 ft
ZYTX	L24-X	RW24	K	417 ft	248 ft	-169 ft
ZYTX	L24-Y	RW24	IKY07	418 ft	248 ft	-170 ft
ZYTX	L24-Z	RW24	K	417 ft	248 ft	-169 ft
ZYYJ	L09-Y	RW09	J	887 ft	671 ft	-216 ft
ZYYJ	L09-Z	RW09	J	886 ft	671 ft	-215 ft
ZYYJ	L27-Y	RW27	YNJ13	858 ft	647 ft	-211 ft
ZYYJ	L27-Z	RW27	YNJ13	862 ft	647 ft	-215 ft
ZYYK	L22-Z	RW22	IYN10	332 ft	69 ft	-263 ft