

# **BRUEN RNAV**

**Point Of Contact**

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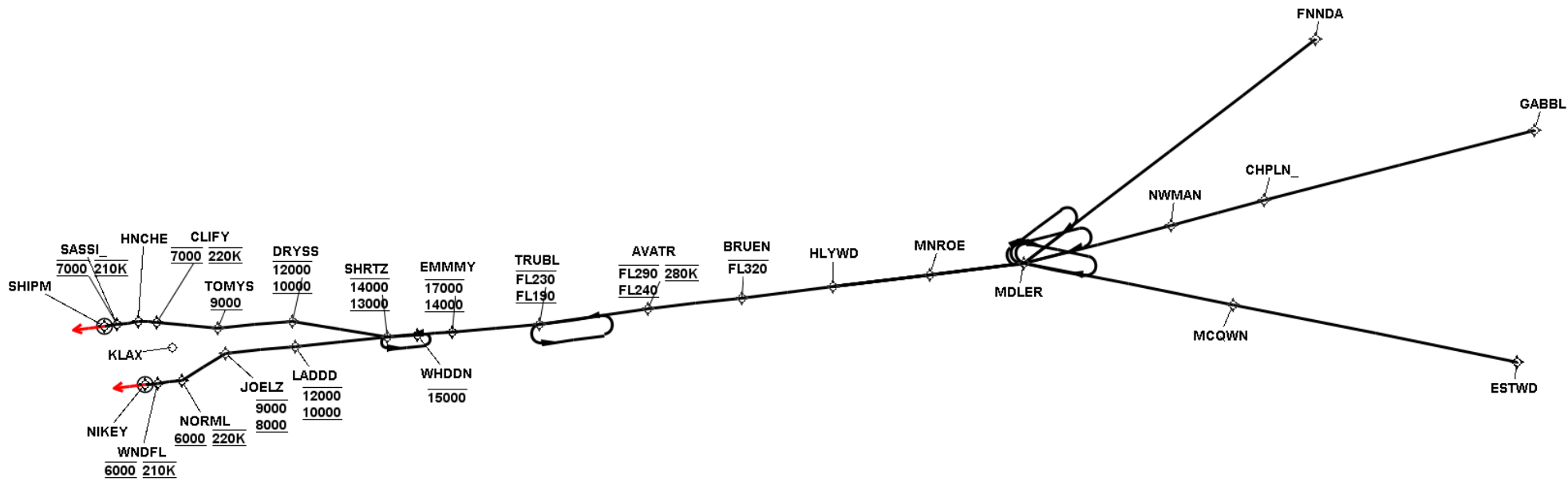
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## **TARGETS Distribution Package**

**Version:5.0.5**

**Date: Mon Feb 08 05:46:33 PST 2016**



BRUEN RNAV

### En Route Transition Data - ESTWD

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	ESTWD WP	N33 54 18.50	W114 06 48.90		IF										
	MCQWN WP	N34 03 22.42	W115 01 08.26	FB	TF	281.58	269.58	46.07			19000	5700			
	MDLER WP	N34 09 49.80	W115 41 22.04	FB	TF	281.11	269.11	34.02			19000	6900			
	MDLER WP	N34 09 49.80	W115 41 22.04		HM	281.11	269.11	10.00							
	MNROE WP	N34 08 05.17	W115 59 22.76	FB	TF	263.44	251.44	15.05			19000	6900			
	HLYWD WP	N34 06 15.25	W116 17 55.63	FB	TF	263.31	251.31	15.51			19000	7800			

### En Route Transition Data - FNNDA

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	FNNDA WP	N34 45 14.96	W114 45 18.49		IF										
	MDLER WP	N34 09 49.80	W115 41 22.04	FB	TF	232.93	220.93	58.30			19000	7500			
	MDLER WP	N34 09 49.80	W115 41 22.04		HM	232.93	220.93	10.00							
	MNROE WP	N34 08 05.17	W115 59 22.76	FB	TF	263.44	251.44	15.05			19000	6900			
	HLYWD WP	N34 06 15.25	W116 17 55.63	FB	TF	263.31	251.31	15.51			19000	7800			

### En Route Transition Data - GABBL

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	GABBL WP	N34 30 56.77	W114 03 20.60		IF										
	CHPLN_ WP	N34 19 48.50	W114 55 17.91	FB	TF	255.74	243.74	44.39			19000	7300			
	NWMAN WP	N34 15 53.39	W115 13 06.42	FB	TF	255.23	243.23	15.26			19000	6100			
	MDLER WP	N34 09 49.80	W115 41 22.04	FB	TF	255.66	243.66	24.20			19000	6900			
	MDLER WP	N34 09 49.80	W115 41 22.04		HM	255.66	243.66	10.00							
	MNROE WP	N34 08 05.17	W115 59 22.76	FB	TF	263.44	251.44	15.05			19000	6900			
	HLYWD WP	N34 06 15.25	W116 17 55.63	FB	TF	263.31	251.31	15.51			19000	7800			

### En Route Transition Data - MIDLR

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	MDLER WP	N34 09 49.80	W115 41 22.04		IF										
	MNROE WP	N34 08 05.17	W115 59 22.76	FB	TF	263.44	251.44	15.05			19000	6900			
	HLYWD WP	N34 06 15.25	W116 17 55.63	FB	TF	263.31	251.31	15.51			19000	7800			

### Common Route Data - HLYWD CR

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	HLYWD WP	N34 06 15.25	W116 17 55.63		IF										
	BRUEN WP	N34 04 23.35	W116 35 18.21	FB	TF	262.73	250.73	14.55	-32000		17000	9900			
	AVATR WP	N34 02 42.68	W116 53 16.75	FB	TF	263.69	251.69	15.03	+24000 -29000	280	17000	13700			
	TRUBL WP	N34 00 13.74	W117 14 04.93	FB	TF	261.94	249.94	17.47	+19000 -23000		17000	12900			
	TRUBL WP	N34 00 13.74	W117 14 04.93		HM	261.94	249.94	10.00							
	EMMMY WP	N33 59 05.01	W117 30 51.59	FB	TF	265.39	253.39	14.00	+14000 -17000		14000	5300			
	WHDDN WP	N33 58 37.56	W117 37 34.76	FB	TF	265.36	253.36	5.61	-15000		13000	3800			
	SHRTZ WP	N33 58 13.93	W117 43 19.73	FB	TF	265.33	253.33	4.80	+13000 -14000		13000	4000			
	SHRTZ WP	N33 58 13.93	W117 43 19.73		HM	265.33	253.33	6.00			10000				

### Runway Transition Data - KLAX:RW06B

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	SHRTZ WP	N33 58 13.93	W117 43 19.73		IF				+13000 -14000						
	DRYSS WP	N34 00 42.21	W118 01 29.11	FB	TF	279.37	267.37	15.30	+10000 -12000		10000	4000			
	TOMYS WP	N33 59 37.36	W118 15 51.76	FB	TF	264.91	252.91	12.00	+9000		9000	3600			
	CLIFY WP	N34 00 36.64	W118 27 25.58	FB	TF	275.91	263.91	9.66	7000	220	7000	2800			
	HNCHE WP	N34 00 39.49	W118 30 58.88	FB	TF	270.94	258.94	2.96			6000	2600			
	SASSI_ WP	N34 00 14.06	W118 35 10.75	FB	TF	263.11	251.11	3.52	7000	210	3000	2700			
	SHIPM WP	N33 59 59.53	W118 37 34.03	FO	TF	263.07	251.07	2.00			3000	2800			
	SHIPM WP	N33 59 59.53	W118 37 34.03		FM	263.03	251.03								

## Runway Transition Data - KLAX:RW07B

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	SHRTZ WP	N33 58 13.93	W117 43 19.73		IF				+13000 -14000						
	LADDD WP	N33 56 41.33	W118 00 58.32	FB	TF	264.09	252.09	14.76	+10000 -12000		10000	4000			
	JOELZ WP	N33 55 42.03	W118 14 22.54	FB	TF	265.01	253.01	11.20	+8000 -9000		8000	3300			
	NORML WP	N33 51 22.60	W118 22 45.13	FB	TF	238.28	226.28	8.20	+6000	220	6000	2500			
	WNDFL WP	N33 50 55.10	W118 27 16.27	FB	TF	263.09	251.09	3.79	6000	210	3000	2500			
	NIKEY WP	N33 50 40.49	W118 29 39.28	FO	TF	263.03	251.03	2.00			3000				
	NIKEY WP	N33 50 40.49	W118 29 39.28		FM	263.03	251.03								

## Waypoint Data

DB	Waypoint	Arc Center	Lat-Long (DMS.S)	Latitude (Deg)	Longitude (Deg)	Latitude (D°, M.mm')	Longitude (D°, M.mm')	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")
	AVATR WP		340242.68N-1165316.75W	N 34.0451886	W 116.8879854	N34 02.711	W116 53.279	N34 02 42.68	W116 53 16.75
	BRUEN WP		340423.35N-1163518.21W	N 34.0731514	W 116.5883930	N34 04.389	W116 35.304	N34 04 23.35	W116 35 18.21
	CHPLN_ WP		341948.50N-1145517.91W	N 34.3301388	W 114.9216430	N34 19.808	W114 55.299	N34 19 48.50	W114 55 17.91
	CLIFY WP		340036.64N-1182725.58W	N 34.0101778	W 118.4571056	N34 00.611	W118 27.426	N34 00 36.64	W118 27 25.58
	DRYSS WP		340042.21N-1180129.11W	N 34.0117256	W 118.0247540	N34 00.704	W118 01.485	N34 00 42.21	W118 01 29.11
	EMMMY WP		335905.01N-1173051.59W	N 33.9847243	W 117.5143307	N33 59.083	W117 30.860	N33 59 05.01	W117 30 51.59
	ESTWD WP		335418.50N-1140648.90W	N 33.9051389	W 114.1135833	N33 54.308	W114 06.815	N33 54 18.50	W114 06 48.90
	FNNDA WP		344514.96N-1144518.49W	N 34.7541556	W 114.7551361	N34 45.249	W114 45.308	N34 45 14.96	W114 45 18.49
	GABBL WP		343056.77N-1140320.60W	N 34.5157694	W 114.0557216	N34 30.946	W114 03.343	N34 30 56.77	W114 03 20.60
	HLYWD WP		340615.25N-1161755.63W	N 34.1042360	W 116.2987870	N34 06.254	W116 17.927	N34 06 15.25	W116 17 55.63
	HNCHE WP		340039.49N-1183058.88W	N 34.0109692	W 118.5163556	N34 00.658	W118 30.981	N34 00 39.49	W118 30 58.88
	JOELZ WP		335542.03N-1181422.54W	N 33.9283406	W 118.2395938	N33 55.700	W118 14.376	N33 55 42.03	W118 14 22.54
	LADDD WP		335641.33N-1180058.32W	N 33.9448129	W 118.0162000	N33 56.689	W118 00.972	N33 56 41.33	W118 00 58.32
	MCQWN WP		340322.42N-1150108.26W	N 34.0562278	W 115.0189603	N34 03.374	W115 01.138	N34 03 22.42	W115 01 08.26
	MDLER WP		340949.80N-1154122.04W	N 34.1638328	W 115.6894542	N34 09.830	W115 41.367	N34 09 49.80	W115 41 22.04
	MNROE WP		340805.17N-1155922.76W	N 34.1347685	W 115.9896567	N34 08.086	W115 59.379	N34 08 05.17	W115 59 22.76
	NIKEY WP		335040.49N-1182939.28W	N 33.8445819	W 118.4942458	N33 50.675	W118 29.655	N33 50 40.49	W118 29 39.28
	NORML WP		335122.60N-1182245.13W	N 33.8562782	W 118.3792015	N33 51.377	W118 22.752	N33 51 22.60	W118 22 45.13
	NWMAN WP		341553.39N-1151306.42W	N 34.2648300	W 115.2184508	N34 15.890	W115 13.107	N34 15 53.39	W115 13 06.42
	SASSI_ WP		340014.06N-1183510.75W	N 34.0039056	W 118.5863194	N34 00.234	W118 35.179	N34 00 14.06	W118 35 10.75
	SHIPM WP		335959.53N-1183734.03W	N 33.9998694	W 118.6261194	N33 59.992	W118 37.567	N33 59 59.53	W118 37 34.03
	SHRTZ WP		335813.93N-1174319.73W	N 33.9705359	W 117.7221465	N33 58.232	W117 43.329	N33 58 13.93	W117 43 19.73
AVNIS	TFD VORTAC		325309.08N-1115431.44W	N 32.8858556	W 111.9087333	N32 53.151	W111 54.524	N32 53 09.08	W111 54 31.44
	TOMYS WP		335937.36N-1181551.76W	N 33.9937099	W 118.2643767	N33 59.623	W118 15.863	N33 59 37.36	W118 15 51.76
	TRUBL WP		340013.74N-1171404.93W	N 34.0038155	W 117.2347040	N34 00.229	W117 14.082	N34 00 13.74	W117 14 04.93
	WHDDN WP		335837.56N-1173734.76W	N 33.9771006	W 117.6263210	N33 58.626	W117 37.579	N33 58 37.56	W117 37 34.76
	WNDFL WP		335055.10N-1182716.27W	N 33.8486387	W 118.4545208	N33 50.918	W118 27.271	N33 50 55.10	W118 27 16.27

## RS Results HLYWD CR

Last Evaluation: 08-Feb-2016 05:40:37  
Reference Software Version: 1.5.3

### Route Evaluation for ESTWD:HLYWD CR:KLAX:RW06B

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## ESTWD:HLYWD CR:KLAX:RW06B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	ESTWD						0.0	0.0
TF	MCQWN	FLY_BY				0.03	46.07	1.0
TF	MDLER	FLY_BY				17.29	34.02	8.23
TF	MNROE	FLY_BY				0.04	15.05	8.23
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		14.09	4.8	2.72
TF	DRYSS	FLY_BY	+10000.0	-12000.0		14.29	15.3	5.25
TF	TOMYS	FLY_BY	+9000.0			11.14	12.0	4.44
TF	CLIFY	FLY_BY	7000.0		220.0	4.87	9.66	1.91
TF	HNCHE	FLY_BY				7.8	2.96	1.0
TF	SASSI_	FLY_BY	7000.0		210.0	0.0	3.52	1.0
TF	SHIPM	FLY_OVER					2.0	1.0
FM							0.0	0.0

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## ESTWD:HLYWD CR:KLAX:RW06B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	ESTWD				0.0	0.0							0.0	0.0				
TF	MCQWN	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	MDLER	FLY_BY	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	8.23	54.11	39301.67	300.0	5.0	125.0	607.0	570.0
TF	MNROE	FLY_BY	8.23	54.11	39301.67	300.0	5.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLYWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0
TF	DRYSS	FLY_BY	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0
TF	TOMYS	FLY_BY	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0
TF	CLIFY	FLY_BY	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0
TF	HNCHE	FLY_BY	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0
TF	SASSI	FLY_BY	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0	0.0		7000.0	210.0	0.0	61.0	240.0	301.0
TF	SHIPM	FLY_OVER	0.0		7000.0	210.0	0.0	61.0	240.0	301.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

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## ESTWD:HLYWD CR:KLAX:RW06B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
ESTWD	MCQWN	NONE												
MCQWN	MDLER	NONE												
MDLER	MNROE	NONE												
MNROE	HLYWD	NONE												
HLYWD	BRUEN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_HLYWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLYWD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_EMMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	DRYSS	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_SHRTZ:DRYS S		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
DRYSS	TOMYS	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_DRYSS:TOM YS		4E (+- 250/+125)	N33° 59' 27.00"	W118° 00' 21.00"	1335.3	true	P	2000.0		3536	3535.3	08-Feb-2016 05:40:59
TOMYS	CLIFY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TOMYS:CLIF Y		4E (+- 250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	08-Feb-2016 05:40:59
CLIFY	HNCHE	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_CLIFY:HNCH E		4E (+- 250/+125)	N34° 02' 36.00"	W118° 28' 36.00"	357.61	true	P	2000.0		2558	2557.61	08-Feb-2016 05:40:59
HNCHE	SASSI_	TerrainPt_47_ESTWD:HLYWD CR:KLAX:RW06B_HNCHE:SAS SI_		4E (+- 250/+125)	N34° 03' 09.00"	W118° 36' 06.00"	1482.94	true	S	1009.19		2693	2692.13	08-Feb-2016 05:40:59
SASSI_	SHIPM	TerrainPt_16_ESTWD:HLYWD CR:KLAX:RW06B_SASSI_SHIP M		4E (+- 250/+125)	N34° 03' 03.00"	W118° 36' 57.00"	1505.91	true	S	1016.05		2722	2721.95	08-Feb-2016 05:40:59

## ESTWD:HLYWD CR:KLAX:RW06B Criteria Failures

No failures.

## Route Evaluation for ESTWD:HLYWD CR:KLAX:RW07B

### ESTWD:HLYWD CR:KLAX:RW07B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	ESTWD						0.0	0.0
TF	MCQWN	FLY_BY				0.03	46.07	1.0
TF	MDLER	FLY_BY				17.29	34.02	8.23
TF	MNROE	FLY_BY				0.04	15.05	8.23
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		1.18	4.8	1.0
TF	LADDD	FLY_BY	+10000.0	-12000.0		1.08	14.76	1.0
TF	JOELZ	FLY_BY	+8000.0	-9000.0		26.6	11.2	1.88
TF	NORML	FLY_BY	+6000.0		220.0	24.88	8.2	3.3
TF	WNDFL	FLY_BY	6000.0		210.0	0.01	3.79	1.42
TF	NIKEY	FLY_OVER					2.0	1.0
FM							0.0	0.0

## ESTWD:HLYWD CR:KLAX:RW07B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	ESTWD				0.0	0.0							0.0	0.0				
TF	MCQWN	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	MDLER	FLY_BY	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	8.23	54.11	39301.67	300.0	5.0	125.0	607.0	570.0
TF	MNROE	FLY_BY	8.23	54.11	39301.67	300.0	5.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLYWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0
TF	LADDD	FLY_BY	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0
TF	JOELZ	FLY_BY	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0
TF	NORML	FLY_BY	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0
TF	WNDFL	FLY_BY	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0	0.0		6000.0	210.0	0.0	59.0	236.0	295.0
TF	NIKEY	FLY_OVER	0.0		6000.0	210.0	0.0	59.0	236.0	295.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

BRUEN RNAV

## ESTWD:HLYWD CR:KLAX:RW07B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
ESTWD	MCQWN	NONE												
MCQWN	MDLER	NONE												
MDLER	MNROE	NONE												
MNROE	HLYWD	NONE												
HLYWD	BRUEN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_HLYWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLYWD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_EMMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	LADDD	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_SHRTZ:LADD D		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
LADDD	JOELZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_LADDD:JOEL Z		4E (+- 250/+125)	N33° 58' 36.00"	W118° 00' 06.00"	1017.06	true	P	2000.0		3218	3217.06	08-Feb-2016 05:40:59
JOELZ	NORML	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_JOELZ:NORM L		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
NORML	WNDFL	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_NORML:WND FL		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
WNDFL	NIKEY	NONE					-1.0	false	S					N/A

## ESTWD:HLYWD CR:KLAX:RW07B Criteria Failures

No failures.

## Route Evaluation for FNNDA:HLYWD CR:KLAX:RW06B

### FNNDA:HLYWD CR:KLAX:RW06B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	FNNDA						0.0	0.0
TF	MDLER	FLY_BY				31.04	58.3	15.03
TF	MNROE	FLY_BY				0.04	15.05	15.03
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		14.09	4.8	2.72
TF	DRYSS	FLY_BY	+10000.0	-12000.0		14.29	15.3	5.25
TF	TOMYS	FLY_BY	+9000.0			11.14	12.0	4.44
TF	CLIFY	FLY_BY	7000.0		220.0	4.87	9.66	1.91
TF	HNCHE	FLY_BY				7.8	2.96	1.0
TF	SASSI_	FLY_BY	7000.0		210.0	0.0	3.52	1.0
TF	SHIPM	FLY_OVER					2.0	1.0
FM							0.0	0.0

BRUEN RNAV

## FNDA:HLWD CR:KLAX:RW06B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	FNDA				0.0	0.0							0.0	0.0				
TF	MDLER	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	15.03	54.11	39301.67	300.0	5.0	125.0	607.0	570.0
TF	MNROE	FLY_BY	15.03	54.11	39301.67	300.0	5.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0
TF	DRYSS	FLY_BY	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0
TF	TOMYS	FLY_BY	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0
TF	CLIFY	FLY_BY	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0
TF	HNCHE	FLY_BY	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0
TF	SASSI	FLY_BY	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0	0.0		7000.0	210.0	0.0	61.0	240.0	301.0
TF	SHIPM	FLY_OVER	0.0		7000.0	210.0	0.0	61.0	240.0	301.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

BRUEN RNAV

## FNNDA:HLWD CR:KLAX:RW06B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
FNNDA	MDLER	NONE												
MDLER	MNROE	NONE												
MNROE	HLWD	NONE												
HLWD	BRUEN	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_HLWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLWD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_EMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	DRYSS	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_SHRTZ:DRYS S		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
DRYSS	TOMYS	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_DRYSS:TOM YS		4E (+- 250/+125)	N33° 59' 27.00"	W118° 00' 21.00"	1335.3	true	P	2000.0		3536	3535.3	08-Feb-2016 05:40:59
TOMYS	CLIFY	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_TOMYS:CLIF Y		4E (+- 250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	08-Feb-2016 05:40:59
CLIFY	HNCHE	TerrainPt_0_ESTWD:HLWD CR:KLAX:RW06B_CLIFY:HNCH E		4E (+- 250/+125)	N34° 02' 36.00"	W118° 28' 36.00"	357.61	true	P	2000.0		2558	2557.61	08-Feb-2016 05:40:59
HNCHE	SASSI_	TerrainPt_47_ESTWD:HLWD CR:KLAX:RW06B_HNCHE:SAS SI_		4E (+- 250/+125)	N34° 03' 09.00"	W118° 36' 06.00"	1482.94	true	S	1009.19		2693	2692.13	08-Feb-2016 05:40:59
SASSI_	SHIPM	TerrainPt_16_ESTWD:HLWD CR:KLAX:RW06B_SASSI:SHIP M		4E (+- 250/+125)	N34° 03' 03.00"	W118° 36' 57.00"	1505.91	true	S	1016.05		2722	2721.95	08-Feb-2016 05:40:59

## FNNDA:HLWD CR:KLAX:RW06B Criteria Failures

No failures.

## Route Evaluation for FNNDA:HLYWD CR:KLAX:RW07B

### FNNDA:HLYWD CR:KLAX:RW07B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	FNNDA						0.0	0.0
TF	MDLER	FLY_BY				31.04	58.3	15.03
TF	MNROE	FLY_BY				0.04	15.05	15.03
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		1.18	4.8	1.0
TF	LADDD	FLY_BY	+10000.0	-12000.0		1.08	14.76	1.0
TF	JOELZ	FLY_BY	+8000.0	-9000.0		26.6	11.2	1.88
TF	NORML	FLY_BY	+6000.0		220.0	24.88	8.2	3.3
TF	WNDFL	FLY_BY	6000.0		210.0	0.01	3.79	1.42
TF	NIKEY	FLY_OVER					2.0	1.0
FM							0.0	0.0

BRUEN RNAV



## FNDA:HLWD CR:KLAX:RW07B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	FNDA				0.0	0.0							0.0	0.0				
TF	MDLER	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	15.03	54.11	39301.67	300.0	5.0	125.0	607.0	570.0
TF	MNROE	FLY_BY	15.03	54.11	39301.67	300.0	5.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0
TF	LADDD	FLY_BY	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0
TF	JOELZ	FLY_BY	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0
TF	NORML	FLY_BY	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0
TF	WNDFL	FLY_BY	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0	0.0		6000.0	210.0	0.0	59.0	236.0	295.0
TF	NIKEY	FLY_OVER	0.0		6000.0	210.0	0.0	59.0	236.0	295.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

BRUEN RNAV

## FNNDA:HLWYD CR:KLAX:RW07B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
FNNDA	MDLER	NONE												
MDLER	MNROE	NONE												
MNROE	HLWYD	NONE												
HLWYD	BRUEN	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW06B_HLYWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLWYD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW06B_EMMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	LADDD	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW07B_SHRTZ:LADD D		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
LADDD	JOELZ	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW07B_LADDD:JOEL Z		4E (+- 250/+125)	N33° 58' 36.00"	W118° 00' 06.00"	1017.06	true	P	2000.0		3218	3217.06	08-Feb-2016 05:40:59
JOELZ	NORML	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW07B_JOELZ:NORM L		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
NORML	WNDFL	TerrainPt_0_ESTWD:HLWYD CR:KLAX:RW07B_NORML:WND FL		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
WNDFL	NIKEY	NONE					-1.0	false	S					N/A

## FNNDA:HLWYD CR:KLAX:RW07B Criteria Failures

No failures.

## Route Evaluation for GABBL:HLYWD CR:KLAX:RW06B

### GABBL:HLYWD CR:KLAX:RW06B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	GABBL						0.0	0.0
TF	CHPLN_	FLY_BY				0.02	44.39	1.0
TF	NWMAN	FLY_BY				0.59	15.26	1.0
TF	MDLER	FLY_BY				8.05	24.2	1.0
TF	MNROE	FLY_BY				0.04	15.05	1.0
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		14.09	4.8	2.72
TF	DRYSS	FLY_BY	+10000.0	-12000.0		14.29	15.3	5.25
TF	TOMYS	FLY_BY	+9000.0			11.14	12.0	4.44
TF	CLIFY	FLY_BY	7000.0		220.0	4.87	9.66	1.91
TF	HNCHE	FLY_BY				7.8	2.96	1.0
TF	SASSI_	FLY_BY	7000.0		210.0	0.0	3.52	1.0
TF	SHIPM	FLY_OVER					2.0	1.0
FM							0.0	0.0

## GABBL:HLWD CR:KLAX:RW06B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	GABBL				0.0	0.0							0.0	0.0				
TF	CHPLN_	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0
TF	NWMAN	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.28	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	MDLER	FLY_BY	0.28	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	3.81	54.11	39301.67	300.0	5.0	125.0	607.0	570.0
TF	MNROE	FLY_BY	3.81	54.11	39301.67	300.0	5.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0
TF	DRYSS	FLY_BY	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0
TF	TOMYS	FLY_BY	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0
TF	CLIFY	FLY_BY	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0
TF	HNCHE	FLY_BY	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0
TF	SASSI_	FLY_BY	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0	0.0		7000.0	210.0	0.0	61.0	240.0	301.0
TF	SHIPM	FLY_OVER	0.0		7000.0	210.0	0.0	61.0	240.0	301.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

BRUEN RNAV

## GABBL:HLYWD CR:KLAX:RW06B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
GABBL	CHPLN_	NONE												
CHPLN_	NWMAN	NONE												
NWMAN	MDLER	NONE												
MDLER	MNROE	NONE												
MNROE	HLYWD	NONE												
HLYWD	BRUEN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_HLYWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLYWD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_EMMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	DRYSS	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_SHRTZ:DRYS S		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
DRYSS	TOMYS	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_DRYSS:TOM YS		4E (+- 250/+125)	N33° 59' 27.00"	W118° 00' 21.00"	1335.3	true	P	2000.0		3536	3535.3	08-Feb-2016 05:40:59
TOMYS	CLIFY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TOMYS:CLIF Y		4E (+- 250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	08-Feb-2016 05:40:59
CLIFY	HNCHE	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_CLIFY:HNCH E		4E (+- 250/+125)	N34° 02' 36.00"	W118° 28' 36.00"	357.61	true	P	2000.0		2558	2557.61	08-Feb-2016 05:40:59
HNCHE	SASSI_	TerrainPt_47_ESTWD:HLYWD CR:KLAX:RW06B_HNCHE:SAS SI_		4E (+- 250/+125)	N34° 03' 09.00"	W118° 36' 06.00"	1482.94	true	S	1009.19		2693	2692.13	08-Feb-2016 05:40:59
SASSI_	SHIPM	TerrainPt_16_ESTWD:HLYWD CR:KLAX:RW06B_SASSI:SHIP M		4E (+- 250/+125)	N34° 03' 03.00"	W118° 36' 57.00"	1505.91	true	S	1016.05		2722	2721.95	08-Feb-2016 05:40:59

## GABBL:HLYWD CR:KLAX:RW06B Criteria Failures

No failures.

## Route Evaluation for GABBL:HLYWD CR:KLAX:RW07B

### GABBL:HLYWD CR:KLAX:RW07B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	GABBL						0.0	0.0
TF	CHPLN_	FLY_BY				0.02	44.39	1.0
TF	NWMAN	FLY_BY				0.59	15.26	1.0
TF	MDLER	FLY_BY				8.05	24.2	1.0
TF	MNROE	FLY_BY				0.04	15.05	1.0
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		1.18	4.8	1.0
TF	LADDD	FLY_BY	+10000.0	-12000.0		1.08	14.76	1.0
TF	JOELZ	FLY_BY	+8000.0	-9000.0		26.6	11.2	1.88
TF	NORML	FLY_BY	+6000.0		220.0	24.88	8.2	3.3
TF	WNDFL	FLY_BY	6000.0		210.0	0.01	3.79	1.42
TF	NIKEY	FLY_OVER					2.0	1.0
FM							0.0	0.0

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## GABBL:HLWD CR:KLAX:RW07B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	GABBL				0.0	0.0							0.0	0.0				
TF	CHPLN_	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0
TF	NWMAN	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.28	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	MDLER	FLY_BY	0.28	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	3.81	54.11	39301.67	300.0	5.0	125.0	607.0	570.0
TF	MNROE	FLY_BY	3.81	54.11	39301.67	300.0	5.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0
TF	LADDD	FLY_BY	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0
TF	JOELZ	FLY_BY	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0
TF	NORML	FLY_BY	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0
TF	WNDFL	FLY_BY	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0	0.0		6000.0	210.0	0.0	59.0	236.0	295.0
TF	NIKEY	FLY_OVER	0.0		6000.0	210.0	0.0	59.0	236.0	295.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

BRUEN RNAV

## GABBL:HLYWD CR:KLAX:RW07B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
GABBL	CHPLN_	NONE												
CHPLN_	NWMAN	NONE												
NWMAN	MDLER	NONE												
MDLER	MNROE	NONE												
MNROE	HLYWD	NONE												
HLYWD	BRUEN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_HLYWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLYWD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_EMMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	LADDD	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_SHRTZ:LADD D		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
LADDD	JOELZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_LADDD:JOEL Z		4E (+- 250/+125)	N33° 58' 36.00"	W118° 00' 06.00"	1017.06	true	P	2000.0		3218	3217.06	08-Feb-2016 05:40:59
JOELZ	NORML	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_JOELZ:NORM L		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
NORML	WNDFL	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_NORML:WND FL		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
WNDFL	NIKEY	NONE					-1.0	false	S					N/A

## GABBL:HLYWD CR:KLAX:RW07B Criteria Failures

No failures.



## Route Evaluation for MIDLR:HLYWD CR:KLAX:RW06B

### MIDLR:HLYWD CR:KLAX:RW06B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	MDLER						0.0	0.0
TF	MNROE	FLY_BY				0.04	15.05	1.0
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		14.09	4.8	2.72
TF	DRYSS	FLY_BY	+10000.0	-12000.0		14.29	15.3	5.25
TF	TOMYS	FLY_BY	+9000.0			11.14	12.0	4.44
TF	CLIFY	FLY_BY	7000.0		220.0	4.87	9.66	1.91
TF	HNCHE	FLY_BY				7.8	2.96	1.0
TF	SASSI_	FLY_BY	7000.0		210.0	0.0	3.52	1.0
TF	SHIPM	FLY_OVER					2.0	1.0
FM							0.0	0.0

BRUEN RNAV

## MIDLR:HLYWD CR:KLAX:RW06B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	MDLER				0.0	0.0							0.0	0.0				
TF	MNROE	FLY_BY	0.0		39301.67	300.0	0.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLYWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0
TF	DRYSS	FLY_BY	2.72	22.0	14000.0	280.0	7.05	75.0	357.0	432.0	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0
TF	TOMYS	FLY_BY	2.53	20.22	12000.0	280.0	7.14	71.0	346.0	417.0	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0
TF	CLIFY	FLY_BY	1.91	19.59	9416.07	250.0	5.57	66.0	296.0	362.0	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0
TF	HNCHE	FLY_BY	1.42	33.37	7000.0	220.0	2.43	61.0	251.0	312.0	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0
TF	SASSI_	FLY_BY	1.42	20.82	7000.0	220.0	3.9	61.0	251.0	312.0	0.0		7000.0	210.0	0.0	61.0	240.0	301.0
TF	SHIPM	FLY_OVER	0.0		7000.0	210.0	0.0	61.0	240.0	301.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

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## MIDLR:HLYWD CR:KLAX:RW06B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
MDLER	MNROE	NONE												
MNROE	HLYWD	NONE												
HLYWD	BRUEN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_HLYWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLYWD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_EMMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	DRYSS	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_SHRTZ:DRYS S		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
DRYSS	TOMYS	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_DRYSS:TOM YS		4E (+- 250/+125)	N33° 59' 27.00"	W118° 00' 21.00"	1335.3	true	P	2000.0		3536	3535.3	08-Feb-2016 05:40:59
TOMYS	CLIFY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TOMYS:CLIF Y		4E (+- 250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	08-Feb-2016 05:40:59
CLIFY	HNCHE	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_CLIFY:HNCH E		4E (+- 250/+125)	N34° 02' 36.00"	W118° 28' 36.00"	357.61	true	P	2000.0		2558	2557.61	08-Feb-2016 05:40:59
HNCHE	SASSI_	TerrainPt_47_ESTWD:HLYWD CR:KLAX:RW06B_HNCHE:SAS SI_		4E (+- 250/+125)	N34° 03' 09.00"	W118° 36' 06.00"	1482.94	true	S	1009.19		2693	2692.13	08-Feb-2016 05:40:59
SASSI_	SHIPM	TerrainPt_16_ESTWD:HLYWD CR:KLAX:RW06B_SASSI_:SHIP M		4E (+- 250/+125)	N34° 03' 03.00"	W118° 36' 57.00"	1505.91	true	S	1016.05		2722	2721.95	08-Feb-2016 05:40:59

## MIDLR:HLYWD CR:KLAX:RW06B Criteria Failures

No failures.

## Route Evaluation for MIDLR:HLYWD CR:KLAX:RW07B

### MIDLR:HLYWD CR:KLAX:RW07B Evaluation Results Part 1/2

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Spd Restr	Turn Ang	Leg Length	Min Seg Length
IF	MDLER						0.0	0.0
TF	MNROE	FLY_BY				0.04	15.05	1.0
TF	HLYWD	FLY_BY				0.41	15.51	1.0
TF	BRUEN	FLY_BY	-32000.0			1.12	14.55	1.0
TF	AVATR	FLY_BY	+24000.0	-29000.0	280.0	1.58	15.03	1.0
TF	TRUBL	FLY_BY	+19000.0	-23000.0		3.64	17.47	1.0
TF	EMMMY	FLY_BY	+14000.0	-17000.0		0.12	14.0	1.0
TF	WHDDN	FLY_BY	-15000.0			0.03	5.61	1.0
TF	SHRTZ	FLY_BY	+13000.0	-14000.0		1.18	4.8	1.0
TF	LADDD	FLY_BY	+10000.0	-12000.0		1.08	14.76	1.0
TF	JOELZ	FLY_BY	+8000.0	-9000.0		26.6	11.2	1.88
TF	NORML	FLY_BY	+6000.0		220.0	24.88	8.2	3.3
TF	WNDFL	FLY_BY	6000.0		210.0	0.01	3.79	1.42
TF	NIKEY	FLY_OVER					2.0	1.0
FM							0.0	0.0

## MIDLR:HLYWD CR:KLAX:RW07B Evaluation Results Part 2/2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	MDLER				0.0	0.0							0.0	0.0				
TF	MNROE	FLY_BY	0.0		39301.67	300.0	0.0	125.0	607.0	570.0	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0
TF	HLYWD	FLY_BY	0.02	54.11	35539.17	300.0	5.0	117.0	563.0	570.0	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0
TF	BRUEN	FLY_BY	0.19	54.11	31662.38	300.0	5.0	110.0	522.0	570.0	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0
TF	AVATR	FLY_BY	0.52	53.36	28024.57	300.0	5.0	102.0	488.0	566.0	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0
TF	TRUBL	FLY_BY	0.64	46.43	24267.56	280.0	5.0	95.0	426.0	528.0	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0
TF	EMMMY	FLY_BY	1.25	39.18	19900.73	280.0	5.0	86.0	394.0	485.0	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0
TF	WHDDN	FLY_BY	0.18	169.8	16401.59	280.0	1.0	79.0	372.0	451.0	0.0		15000.0	280.0	0.0	77.0	363.0	440.0
TF	SHRTZ	FLY_BY	0.0		15000.0	280.0	0.0	77.0	363.0	440.0	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0
TF	LADDD	FLY_BY	1.61	155.8	14000.0	280.0	1.0	75.0	357.0	432.0	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0
TF	JOELZ	FLY_BY	1.36	143.78	11796.89	280.0	1.0	70.0	345.0	415.0	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0
TF	NORML	FLY_BY	1.88	7.94	8998.0	250.0	13.3	65.0	294.0	359.0	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0
TF	WNDFL	FLY_BY	1.42	6.43	6947.85	220.0	12.44	61.0	251.0	312.0	0.0		6000.0	210.0	0.0	59.0	236.0	295.0
TF	NIKEY	FLY_OVER	0.0		6000.0	210.0	0.0	59.0	236.0	295.0	0.0		3000.0	210.0	0.0	53.0	225.0	278.0
FM			0.0		3000.0	210.0	0.0	53.0	225.0	278.0			0.0	0.0				

BRUEN RNAV

## MIDLR:HLYWD CR:KLAX:RW07B Obstacle Evaluation

Start Pt	End Pt	Name	Source	AC (H/V (ft) AMSL)	Lat	Long	Height (ft) AMSL	Mnts Area	Pri/Sec Area	ROC (ft)	WCVH (ft)	MOCA (ft)	Min OCS Alt (ft)	Date
MDLER	MNROE	NONE												
MNROE	HLYWD	NONE												
HLYWD	BRUEN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_HLYWD:BRU EN		4E (+- 250/+125)	N34° 08' 09.00"	W116° 37' 57.00"	7608.27	true	P	2000.0		9809	9808.27	08-Feb-2016 05:40:59
BRUEN	AVATR	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_BRUEN:AVAT R		4E (+- 250/+125)	N34° 05' 54.00"	W116° 49' 30.00"	11499.34	true	P	2000.0		13700	13699.34	08-Feb-2016 05:40:59
AVATR	TRUBL	TerrainPt_33_ESTWD:HLYWD CR:KLAX:RW06B_AVATR:TRUB L		4E (+- 250/+125)	N34° 06' 51.00"	W116° 51' 30.00"	10610.24	true	P	2000.0		12811	12810.24	08-Feb-2016 05:40:59
TRUBL	EMMMY	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_TRUBL:EMM MY		4E (+- 250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	08-Feb-2016 05:40:59
EMMMY	WHDDN	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_EMMMY:WH DDN		4E (+- 250/+125)	N34° 01' 39.00"	W117° 28' 42.00"	1581.36	true	P	2000.0		3782	3781.36	08-Feb-2016 05:40:59
WHDDN	SHRTZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW06B_WHDDN:SHR TZ		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
SHRTZ	LADDD	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_SHRTZ:LADD D		4E (+- 250/+125)	N33° 54' 48.00"	W117° 44' 18.00"	1788.06	true	P	2000.0		3989	3988.06	08-Feb-2016 05:40:59
LADDD	JOELZ	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_LADDD:JOEL Z		4E (+- 250/+125)	N33° 58' 36.00"	W118° 00' 06.00"	1017.06	true	P	2000.0		3218	3217.06	08-Feb-2016 05:40:59
JOELZ	NORML	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_JOELZ:NORM L		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
NORML	WNDFL	TerrainPt_0_ESTWD:HLYWD CR:KLAX:RW07B_NORML:WND FL		4E (+- 250/+125)	N33° 52' 39.00"	W118° 23' 45.00"	242.78	true	P	2000.0		2443	2442.78	08-Feb-2016 05:40:59
WNDFL	NIKEY	NONE					-1.0	false	S					N/A

## MIDLR:HLYWD CR:KLAX:RW07B Criteria Failures

No failures.

### Evaluation Input

BRUEN RNAV

Name:	RS Results HLYWD CR
Project:	LAX BRUEN STAR_Paperwork_20160203
Last evaluated:	08-Feb-2016 05:40:37
Evaluated obstacles?:	false
Obstacle Database:	-
Evaluated terrain?:	true
Worst Case Vegetation Height (ft) AGL:	0

### Terrain Information

Terrain Extractor Name	Extractor Location	Extractor Type	Resolution
DTED 3 Sec	C:\Program Files (x86)\TARGETS\data\DTED-3Sec	org.mitre.caasd.terrain.DTEExtractor	3.0

### Procedure Criteria Failures

No failures.

### Evaluation Notes and Warnings

CEW14: In the route beginning at FNNDA and ending at SHIPM, on the leg from MDLER to MNROE an alternative OEA construction method was applied.  
CEW14: In the route beginning at FNNDA and ending at NIKEY, on the leg from MDLER to MNROE an alternative OEA construction method was applied.  
RSEW13: Note: The leg from ESTWD to MCQWN is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.  
RSEW13: Note: The leg from MCQWN to MDLER is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.  
RSEW13: Note: The leg from MDLER to MNROE is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.  
RSEW13: Note: The leg from MNROE to HLYWD is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.  
RSEW13: Note: The leg from FNNDA to MDLER is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.  
RSEW13: Note: The leg from GABBL to CHPLN\_ is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.  
RSEW13: Note: The leg from CHPLN\_ to NWMAN is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.  
RSEW13: Note: The leg from NWMAN to MDLER is not evaluated for obstacles because the MEA (19,000.0000000000000000 ft) is above 18,000.0000000000000000 ft -- acceptable per criteria.

### Obstacles Requiring Accuracy Code Verification

None.

## Database Effective Dates

Database	Date
UddfObstacle	03/09/2015
Tiled AIRNAV2	N/A
OEAAA	N/A
NFDC	02/04/2016
IFP_OFFLINE	N/A
AVNIS	02/08/2016
DOF	02/04/2016
AVNII_OFFLINE	N/A
AIRNAV2	02/08/2016
CIFP	02/04/2016



**Notes:**