

LAX IRNMN RNAV

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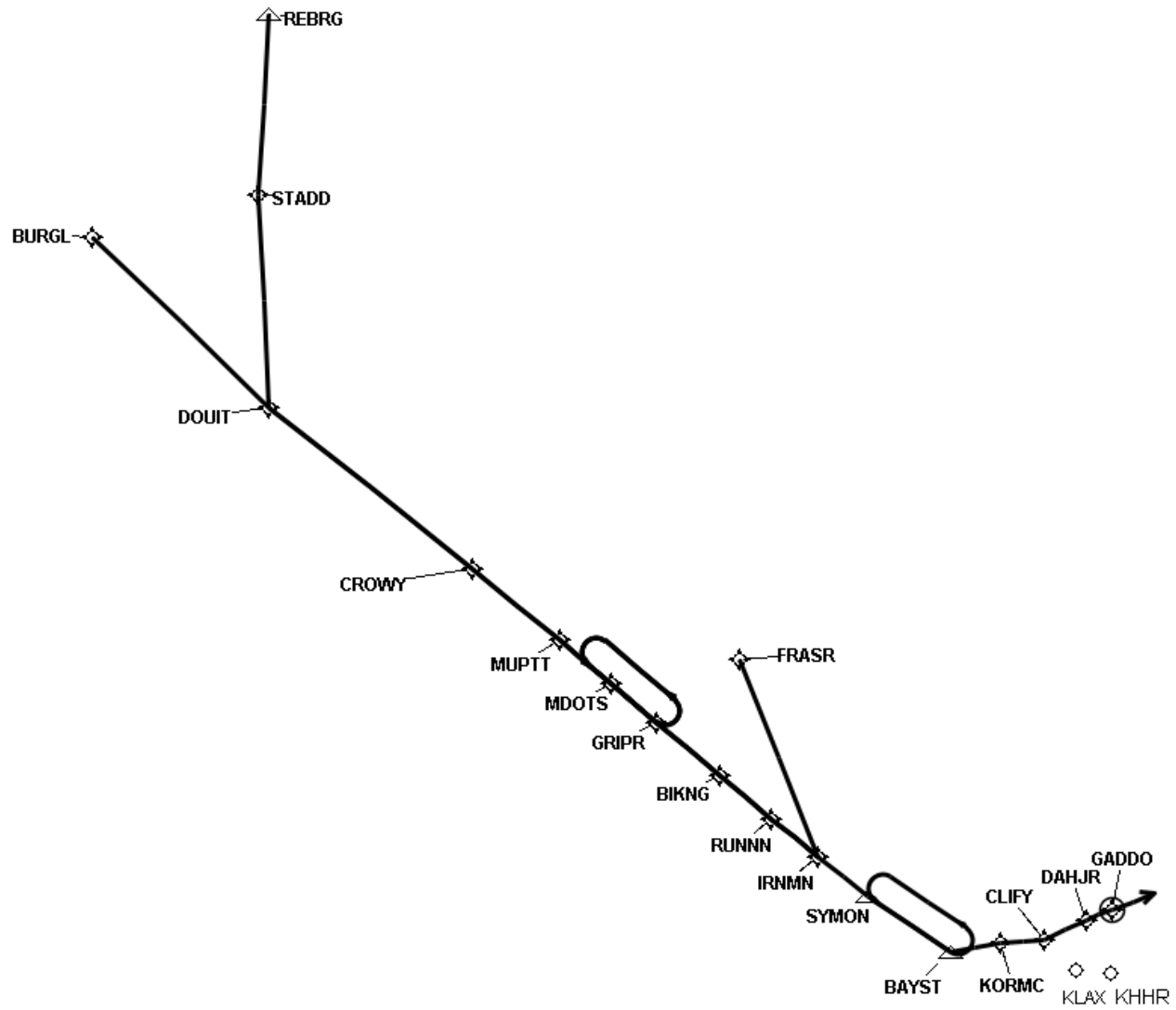
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LAX IRNMN RNAV

En Route Transition Data - BURGL

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)
	BURGL WP	N35 39 57.68	W120 06 27.86		IF										
	DOUIT WP	N35 17 19.89	W119 49 27.26	FB	TF	148.33	136.33	26.52			14000	6600			
	CROWY WP	N34 54 54.35	W119 28 34.24	FB	TF	142.47	130.47	28.19	-29000		14000	6800			
	MUPTT WP	N34 44 59.63	W119 19 42.23	FB	TF	143.55	131.55	12.30	+23000 -27000	280	14000	7600			
	MDOTS WP	N34 39 06.26	W119 14 33.35	FB	TF	144.15	132.15	7.25	+20000 -24000		14000	9700			
	GRIPR WP	N34 33 50.57	W119 10 01.13	FB	TF	144.49	132.49	6.45	+19000 -23000		14000	9700			
	GRIPR WP	N34 33 50.57	W119 10 01.13		HM	144.49	132.49	10.00							
	BIKNG WP	N34 26 33.57	W119 03 34.39	FB	TF	143.74	131.74	9.01	+16000 -20000		14000	9200			
	RUNNN WP	N34 20 34.64	W118 58 23.49	FB	TF	144.30	132.30	7.35	+14000 -17000		14000	7400			
	IRNMN WP	N34 15 20.56	W118 53 38.57	FB	TF	143.00	131.00	6.54	-16000		11000	4800			

En Route Transition Data - FRASR

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)
	FRASR WP	N34 38 15.44	W118 57 23.04		IF										
	IRNMN WP	N34 15 20.56	W118 53 38.57	FB	TF	172.28	160.28	23.08	-16000		11000	9600			

En Route Transition Data - MUPTT

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)
	MUPTT WP	N34 44 59.63	W119 19 42.23		IF				+23000 -27000	280					
	MDOTS WP	N34 39 06.26	W119 14 33.35	FB	TF	144.15	132.15	7.25	+20000 -24000		14000	9700			
	GRIPR WP	N34 33 50.57	W119 10 01.13	FB	TF	144.49	132.49	6.45	+19000 -23000		14000	9700			
	GRIPR WP	N34 33 50.57	W119 10 01.13		HM	144.49	132.49	10.00							
	BIKNG WP	N34 26 33.57	W119 03 34.39	FB	TF	143.74	131.74	9.01	+16000 -20000		14000	9200			
	RUNNN WP	N34 20 34.64	W118 58 23.49	FB	TF	144.30	132.30	7.35	+14000 -17000		14000	7400			
	IRNMN WP	N34 15 20.56	W118 53 38.57	FB	TF	143.00	131.00	6.54	-16000		11000	4800			

En Route Transition Data - REBRG

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)
AVNIS	REBRG WP	N35 58 53.00	W119 36 53.00		IF										
	STADD WP	N35 40 00.93	W119 43 57.63	FB	TF	197.02	185.02	19.70			14000	2800			
	DOUIT WP	N35 17 19.89	W119 49 27.26	FB	TF	191.23	179.23	23.09			14000	6600			
	CROWY WP	N34 54 54.35	W119 28 34.24	FB	TF	142.47	130.47	28.19	-29000		14000	6800			
	MUPTT WP	N34 44 59.63	W119 19 42.23	FB	TF	143.55	131.55	12.30	+23000 -27000	280	14000	7600			
	MDOTS WP	N34 39 06.26	W119 14 33.35	FB	TF	144.15	132.15	7.25	+20000 -24000		14000	9700			
	GRIPR WP	N34 33 50.57	W119 10 01.13	FB	TF	144.49	132.49	6.45	+19000 -23000		14000	9700			
	GRIPR WP	N34 33 50.57	W119 10 01.13		HM	144.49	132.49	10.00							
	BIKNG WP	N34 26 33.57	W119 03 34.39	FB	TF	143.74	131.74	9.01	+16000 -20000		14000	9200			
	RUNNN WP	N34 20 34.64	W118 58 23.49	FB	TF	144.30	132.30	7.35	+14000 -17000		14000	7400			
	IRNMN WP	N34 15 20.56	W118 53 38.57	FB	TF	143.00	131.00	6.54	-16000		11000	4800			

Common Route Data - Landing KLAX/KHHR

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)
	IRNMN WP	N34 15 20.56	W118 53 38.57		IF				-16000						
AVNIS	SYMON WP	N34 09 54.29	W118 48 38.95	FB	TF	142.64	130.64	6.83	+11000 -13000	250	9000	4600			
AVNIS	BAYST WP	N34 01 46.73	W118 39 49.20	FB	TF	137.85	125.85	10.93	+9000	240	9000	5100			
AVNIS	BAYST WP	N34 01 46.73	W118 39 49.20		HM	137.85	125.85	10.00							
	KORMC WP	N34 01 23.07	W118 33 13.52	FB	TF	94.08	82.08	5.50	+8000 -9000		5000	5000			
	CLIFY WP	N34 00 36.64	W118 27 25.58	FB	TF	99.08	87.08	4.88	+7000 -8000	210	5000	3400			
	DAHJR WP	N34 01 37.83	W118 21 30.22	FB	TF	78.29	66.29	5.03	6000	210	4000	2800			
	GADDO WP	N34 01 59.74	W118 17 55.25	FO	TF	83.00	71.00	3.00			4000	3400			
	GADDO WP	N34 01 59.74	W118 17 55.25		FM	83.00	71.00								

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")
AVNIS	BAYST WP		340146.73N-1183949.20W	N 34.0296472	W 118.6636667	N34 01.779	W118 39.820	N34 01 46.73	W118 39 49.20
	BIKNG WP		342633.57N-1190334.39W	N 34.4426574	W 119.0595538	N34 26.559	W119 03.573	N34 26 33.57	W119 03 34.39
	BURGL WP		353957.68N-1200627.86W	N 35.6660218	W 120.1077379	N35 39.961	W120 06.464	N35 39 57.68	W120 06 27.86
	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
	CROWY WP		345454.35N-1192834.24W	N 34.9150970	W 119.4761764	N34 54.906	W119 28.571	N34 54 54.35	W119 28 34.24
	DAHJR WP		340137.83N-1182130.22W	N 34.0271759	W 118.3583948	N34 01.631	W118 21.504	N34 01 37.83	W118 21 30.22
	DOUIT WP		351719.89N-1194927.26W	N 35.2888571	W 119.8242393	N35 17.331	W119 49.454	N35 17 19.89	W119 49 27.26
	FRASR WP		343815.44N-1185723.04W	N 34.6376234	W 118.9563998	N34 38.257	W118 57.384	N34 38 15.44	W118 57 23.04
	GADDO WP		340159.74N-1181755.25W	N 34.0332625	W 118.2986796	N34 01.996	W118 17.921	N34 01 59.74	W118 17 55.25
	GRIPR WP		343350.57N-1191001.13W	N 34.5640477	W 119.1669812	N34 33.843	W119 10.019	N34 33 50.57	W119 10 01.13
	IRNMN WP		341520.56N-1185338.57W	N 34.2557125	W 118.8940462	N34 15.343	W118 53.643	N34 15 20.56	W118 53 38.57
	KORMC WP		340123.07N-1183313.52W	N 34.0230753	W 118.5537546	N34 01.385	W118 33.225	N34 01 23.07	W118 33 13.52
	MDOTS WP		343906.26N-1191433.35W	N 34.6517389	W 119.2425980	N34 39.104	W119 14.556	N34 39 06.26	W119 14 33.35
	MUPTT WP		344459.63N-1191942.23W	N 34.7498966	W 119.3283985	N34 44.994	W119 19.704	N34 44 59.63	W119 19 42.23
AVNIS	REBRG WP		355853.00N-1193653.00W	N 35.9813889	W 119.6147222	N35 58.883	W119 36.883	N35 58 53.00	W119 36 53.00
	RUNNN WP		342034.64N-1185823.49W	N 34.3429546	W 118.9731925	N34 20.577	W118 58.392	N34 20 34.64	W118 58 23.49
	STADD WP		354000.93N-1194357.63W	N 35.6669260	W 119.7326742	N35 40.016	W119 43.960	N35 40 00.93	W119 43 57.63
AVNIS	SYMON WP		340954.29N-1184838.95W	N 34.1650806	W 118.8108194	N34 09.905	W118 48.649	N34 09 54.29	W118 48 38.95
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

RS Results Landing KLAX/KHHR

Last Evaluation: 24-Jul-2015 09:22:17
Reference Software Version: 1.5.2

Route Evaluation for BURGL:Landing KLAX/KHHR

BURGL:Landing KLAX/KHHR 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	BURGL						0.0	0.0
TF	DOUIT	FLY_BY				6.02	26.52	1.0
TF	CROWY	FLY_BY	-29000.0			0.87	28.19	1.0
TF	MUPTT	FLY_BY	+23000.0	-27000.0	280.0	0.52	12.3	1.0
TF	MDOTS	FLY_BY	+20000.0	-24000.0		0.29	7.25	1.0
TF	GRIPR	FLY_BY	+19000.0	-23000.0		0.79	6.45	1.0
TF	BIKNG	FLY_BY	+16000.0	-20000.0		0.49	9.01	1.0
TF	RUNNN	FLY_BY	+14000.0	-17000.0		1.34	7.35	1.0
TF	IRNMN	FLY_BY	-16000.0			0.41	6.54	1.0
TF	SYMON	FLY_BY	+11000.0	-13000.0	250.0	4.83	6.83	1.0
TF	BAYST	FLY_BY	+9000.0		240.0	43.85	10.93	1.82
TF	KORMC	FLY_BY	+8000.0	-9000.0		4.94	5.5	1.82
TF	CLIFY	FLY_BY	+7000.0	-8000.0	210.0	20.84	4.88	1.32
TF	DAHJR	FLY_BY	6000.0		210.0	4.66	5.03	1.32
TF	GADDO	FLY_OVER					3.0	1.0
FM							0.0	0.0

BURGL:Landing KLAX/KHHR 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	BURGL				0.0	0.0							0.0	0.0				
TF	DOUIT	FLY_BY	0.0		40197.63	300.0	0.0	127.0	618.0	570.0	2.85	54.11	33566.56	300.0	5.0	113.0	542.0	570.0
TF	CROWY	FLY_BY	2.85	54.11	33566.56	300.0	5.0	113.0	542.0	570.0	0.39	50.57	26517.99	300.0	5.0	100.0	475.0	551.0
TF	MUPTT	FLY_BY	0.39	50.57	26517.99	300.0	5.0	100.0	475.0	551.0	0.2	45.04	23443.89	280.0	5.0	93.0	419.0	520.0
TF	MDOTS	FLY_BY	0.2	45.04	23443.89	280.0	5.0	93.0	419.0	520.0	0.11	41.97	21630.97	280.0	5.0	90.0	406.0	502.0
TF	GRIPR	FLY_BY	0.11	41.97	21630.97	280.0	5.0	90.0	406.0	502.0	0.27	39.34	20018.22	280.0	5.0	87.0	395.0	486.0
TF	BIKNG	FLY_BY	0.27	39.34	20018.22	280.0	5.0	87.0	395.0	486.0	0.77	178.19	17764.81	280.0	1.0	82.0	380.0	462.0
TF	RUNNN	FLY_BY	0.77	178.19	17764.81	280.0	1.0	82.0	380.0	462.0	1.96	167.55	15926.82	280.0	1.0	79.0	369.0	448.0
TF	IRNMN	FLY_BY	1.96	167.55	15926.82	280.0	1.0	79.0	369.0	448.0	0.56	157.24	14291.59	280.0	1.0	75.0	359.0	434.0
TF	SYMON	FLY_BY	0.56	157.24	14291.59	280.0	1.0	75.0	359.0	434.0	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0
TF	BAYST	FLY_BY	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0
TF	KORMC	FLY_BY	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0
TF	CLIFY	FLY_BY	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0
TF	DAHJR	FLY_BY	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0
TF	GADDO	FLY_OVER	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0	0.0		4000.0	210.0	0.0	55.0	229.0	284.0
FM			0.0		4000.0	210.0	0.0	55.0	229.0	284.0			0.0	0.0				

BURGL:Landing KLAX/KHHR 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
BURGL	DOUIT	TerrainPt_37_BURGL:Landing KLAX/KHHR_BURGL:DOUIT		4E (+- 250/+125)	N35° 17' 24.00"	W119° 45' 51.00"	4337.27	true	P	2000.0		6538	6537.27	24-Jul-2015 09:27:28
DOUIT	CROWY	TerrainPt_30_BURGL:Landing KLAX/KHHR_DOUIT:CROWY		4E (+- 250/+125)	N34° 55' 12.00"	W119° 24' 21.00"	4501.31	true	P	2000.0		6702	6701.31	24-Jul-2015 09:27:28
CROWY	MUPTT	TerrainPt_26_BURGL:Landing KLAX/KHHR_CROWY:MUPTT		4E (+- 250/+125)	N34° 46' 12.00"	W119° 15' 51.00"	5341.21	true	P	2000.0		7542	7541.21	24-Jul-2015 09:27:28
MUPTT	MDOTS	TerrainPt_16_BURGL:Landing KLAX/KHHR_MUPTT:MDOTS		4E (+- 250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	24-Jul-2015 09:27:28
MDOTS	GRIPR	TerrainPt_1_BURGL:Landing KLAX/KHHR_MDOTS:GRIPR		4E (+- 250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	24-Jul-2015 09:27:28
GRIPR	BIKNG	TerrainPt_39_BURGL:Landing KLAX/KHHR_GRIPR:BIKNG		4E (+- 250/+125)	N34° 36' 21.00"	W119° 07' 42.00"	6902.89	true	P	2000.0		9103	9102.89	24-Jul-2015 09:27:28
BIKNG	RUNNN	TerrainPt_31_BURGL:Landing KLAX/KHHR_BIKNG:RUNNN		4E (+- 250/+125)	N34° 29' 00.00"	W119° 01' 36.00"	5134.51	true	P	2000.0		7335	7334.51	24-Jul-2015 09:27:28
RUNNN	IRNMN	06-001823	AVNII	5E (+- 500/+125)	N34° 19' 52.00"	W119° 01' 24.00"	2709.0	true	P	2000.0		4709	4709.0	25-Jun-2015 08:35:12
IRNMN	SYMON	TerrainPt_27_FRASR:Landing KLAX/KHHR_IRNMN:SYMON		4E (+- 250/+125)	N34° 12' 15.00"	W118° 46' 33.00"	2391.73	true	P	2000.0		4592	4591.73	24-Jul-2015 09:27:28
SYMON	BAYST	TerrainPt_6_FRASR:Landing KLAX/KHHR_SYMON:BAYST		4E (+- 250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jul-2015 09:27:28
BAYST	KORMC	TerrainPt_0_BURGL:Landing KLAX/KHHR_BAYST:KORMC		4E (+- 250/+125)	N34° 04' 30.00"	W118° 39' 33.00"	2798.56	true	P	2000.0		4999	4998.56	24-Jul-2015 09:27:28
KORMC	CLIFY	TerrainPt_29_BURGL:Landing KLAX/KHHR_KORMC:CLIFY		4E (+- 250/+125)	N34° 03' 24.00"	W118° 33' 39.00"	1118.77	true	P	2000.0		3319	3318.77	24-Jul-2015 09:27:28
CLIFY	DAHJR	TerrainPt_6_BURGL:Landing KLAX/KHHR_CLIFY:DAHJR		4E (+- 250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	24-Jul-2015 09:27:28
DAHJR	GADDO	06-038193	AVNII	1B (+-20/+ 10)	N34° 03' 03.80"	W118° 15' 15.86"	1319.0	true	P	2000.0		3319	3319.0	10-Jul-2015 09:54:44

BURGL:Landing KLAX/KHHR Criteria Failures

No failures.

Route Evaluation for FRASR:Landing KLAX/KHHR

FRASR:Landing KLAX/KHHR 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	FRASR						0.0	0.0
TF	IRNMN	FLY_BY	-16000.0			29.68	23.08	3.07
TF	SYMON	FLY_BY	+11000.0	-13000.0	250.0	4.83	6.83	3.07
TF	BAYST	FLY_BY	+9000.0		240.0	43.85	10.93	1.82
TF	KORMC	FLY_BY	+8000.0	-9000.0		4.94	5.5	1.82
TF	CLIFY	FLY_BY	+7000.0	-8000.0	210.0	20.84	4.88	1.32
TF	DAHJR	FLY_BY	6000.0		210.0	4.66	5.03	1.32
TF	GADDO	FLY_OVER					3.0	1.0
FM							0.0	0.0

FRASR:Landing KLAX/KHHR 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	FRASR				0.0	0.0							0.0	0.0				
TF	IRNMN	FLY_BY	0.0		20062.55	300.0	0.0	87.0	424.0	486.0	3.07	11.59	14291.59	300.0	14.84	75.0	384.0	459.0
TF	SYMON	FLY_BY	3.07	11.59	14291.59	300.0	14.84	75.0	384.0	459.0	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0
TF	BAYST	FLY_BY	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0
TF	KORMC	FLY_BY	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0
TF	CLIFY	FLY_BY	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0
TF	DAHJR	FLY_BY	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0
TF	GADDO	FLY_OVER	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0	0.0		4000.0	210.0	0.0	55.0	229.0	284.0
FM			0.0		4000.0	210.0	0.0	55.0	229.0	284.0			0.0	0.0				

FRASR:Landing KLAX/KHHR 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
FRASR	IRNMN	TerrainPt_19_FRASR:Landing KLAX/KHHR_FRASR:IRNMN		4E (+- 250/+125)	N34° 40' 00.00"	W118° 57' 36.00"	7391.73	true	P	2000.0		9592	9591.73	24-Jul-2015 09:27:28
IRNMN	SYMON	TerrainPt_27_FRASR:Landing KLAX/KHHR_IRNMN:SYMON		4E (+- 250/+125)	N34° 12' 15.00"	W118° 46' 33.00"	2391.73	true	P	2000.0		4592	4591.73	24-Jul-2015 09:27:28
SYMON	BAYST	TerrainPt_6_FRASR:Landing KLAX/KHHR_SYMON:BAYST		4E (+- 250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jul-2015 09:27:28
BAYST	KORMC	TerrainPt_0_BURGL:Landing KLAX/KHHR_BAYST:KORMC		4E (+- 250/+125)	N34° 04' 30.00"	W118° 39' 33.00"	2798.56	true	P	2000.0		4999	4998.56	24-Jul-2015 09:27:28
KORMC	CLIFY	TerrainPt_29_BURGL:Landing KLAX/KHHR_KORMC:CLIFY		4E (+- 250/+125)	N34° 03' 24.00"	W118° 33' 39.00"	1118.77	true	P	2000.0		3319	3318.77	24-Jul-2015 09:27:28
CLIFY	DAHJR	TerrainPt_6_BURGL:Landing KLAX/KHHR_CLIFY:DAHJR		4E (+- 250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	24-Jul-2015 09:27:28
DAHJR	GADD0	06-038193	AVNII	1B (+-20/+ 10)	N34° 03' 03.80"	W118° 15' 15.86"	1319.0	true	P	2000.0		3319	3319.0	10-Jul-2015 09:54:44

FRASR:Landing KLAX/KHHR Criteria Failures

No failures.

Route Evaluation for MUPTT:Landing KLAX/KHHR

MUPTT:Landing KLAX/KHHR 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	MUPTT		+23000.0	-27000.0	280.0		0.0	0.0
TF	MDOTS	FLY_BY	+20000.0	-24000.0		0.29	7.25	1.0
TF	GRIPR	FLY_BY	+19000.0	-23000.0		0.79	6.45	1.0
TF	BIKNG	FLY_BY	+16000.0	-20000.0		0.49	9.01	1.0
TF	RUNNN	FLY_BY	+14000.0	-17000.0		1.34	7.35	1.0
TF	IRNMN	FLY_BY	-16000.0			0.41	6.54	1.0
TF	SYMON	FLY_BY	+11000.0	-13000.0	250.0	4.83	6.83	1.0
TF	BAYST	FLY_BY	+9000.0		240.0	43.85	10.93	1.82
TF	KORMC	FLY_BY	+8000.0	-9000.0		4.94	5.5	1.82
TF	CLIFY	FLY_BY	+7000.0	-8000.0	210.0	20.84	4.88	1.32
TF	DAHJR	FLY_BY	6000.0		210.0	4.66	5.03	1.32
TF	GADD0	FLY_OVER					3.0	1.0
FM							0.0	0.0

MUPTT:Landing KLAX/KHHR 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	MUPTT				0.0	0.0							0.0	0.0				
TF	MDOTS	FLY_BY	0.0		23443.89	280.0	0.0	93.0	419.0	520.0	0.11	41.97	21630.97	280.0	5.0	90.0	406.0	502.0
TF	GRIPR	FLY_BY	0.11	41.97	21630.97	280.0	5.0	90.0	406.0	502.0	0.27	39.34	20018.22	280.0	5.0	87.0	395.0	486.0
TF	BIKNG	FLY_BY	0.27	39.34	20018.22	280.0	5.0	87.0	395.0	486.0	0.77	178.19	17764.81	280.0	1.0	82.0	380.0	462.0
TF	RUNNN	FLY_BY	0.77	178.19	17764.81	280.0	1.0	82.0	380.0	462.0	1.96	167.55	15926.82	280.0	1.0	79.0	369.0	448.0
TF	IRNMN	FLY_BY	1.96	167.55	15926.82	280.0	1.0	79.0	369.0	448.0	0.56	157.24	14291.59	280.0	1.0	75.0	359.0	434.0
TF	SYMON	FLY_BY	0.56	157.24	14291.59	280.0	1.0	75.0	359.0	434.0	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0
TF	BAYST	FLY_BY	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0
TF	KORMC	FLY_BY	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0
TF	CLIFY	FLY_BY	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0
TF	DAHJR	FLY_BY	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0
TF	GADD0	FLY_OVER	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0	0.0		4000.0	210.0	0.0	55.0	229.0	284.0
FM			0.0		4000.0	210.0	0.0	55.0	229.0	284.0			0.0	0.0				

MUPTT:Landing KLAX/KHHR 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
MUPTT	MDOTS	TerrainPt_16_BURGL:Landing KLAX/KHHR_MUPTT:MDOTS		4E (+-250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	24-Jul-2015 09:27:28
MDOTS	GRIPR	TerrainPt_1_BURGL:Landing KLAX/KHHR_MDOTS:GRIPR		4E (+-250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	24-Jul-2015 09:27:28
GRIPR	BIKNG	TerrainPt_39_BURGL:Landing KLAX/KHHR_GRIPR:BIKNG		4E (+-250/+125)	N34° 36' 21.00"	W119° 07' 42.00"	6902.89	true	P	2000.0		9103	9102.89	24-Jul-2015 09:27:28
BIKNG	RUNNN	TerrainPt_31_BURGL:Landing KLAX/KHHR_BIKNG:RUNNN		4E (+-250/+125)	N34° 29' 00.00"	W119° 01' 36.00"	5134.51	true	P	2000.0		7335	7334.51	24-Jul-2015 09:27:28
RUNNN	IRNMN	06-001823	AVNII	5E (+-500/+125)	N34° 19' 52.00"	W119° 01' 24.00"	2709.0	true	P	2000.0		4709	4709.0	25-Jun-2015 08:35:12
IRNMN	SYMON	TerrainPt_27_FRASR:Landing KLAX/KHHR_IRNMN:SYMON		4E (+-250/+125)	N34° 12' 15.00"	W118° 46' 33.00"	2391.73	true	P	2000.0		4592	4591.73	24-Jul-2015 09:27:28
SYMON	BAYST	TerrainPt_6_FRASR:Landing KLAX/KHHR_SYMON:BAYST		4E (+-250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jul-2015 09:27:28
BAYST	KORMC	TerrainPt_0_BURGL:Landing KLAX/KHHR_BAYST:KORMC		4E (+-250/+125)	N34° 04' 30.00"	W118° 39' 33.00"	2798.56	true	P	2000.0		4999	4998.56	24-Jul-2015 09:27:28
KORMC	CLIFY	TerrainPt_29_BURGL:Landing KLAX/KHHR_KORMC:CLIFY		4E (+-250/+125)	N34° 03' 24.00"	W118° 33' 39.00"	1118.77	true	P	2000.0		3319	3318.77	24-Jul-2015 09:27:28
CLIFY	DAHJR	TerrainPt_6_BURGL:Landing KLAX/KHHR_CLIFY:DAHJR		4E (+-250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	24-Jul-2015 09:27:28
DAHJR	GADDO	06-038193	AVNII	1B (+-20/+10)	N34° 03' 03.80"	W118° 15' 15.86"	1319.0	true	P	2000.0		3319	3319.0	10-Jul-2015 09:54:44

MUPTT:Landing KLAX/KHHR Criteria Failures

No failures.

Route Evaluation for REBRG:Landing KLAX/KHHR

REBRG:Landing KLAX/KHHR 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	REBRG						0.0	0.0
TF	STADD	FLY_BY				5.72	19.7	1.0
TF	DOUIT	FLY_BY				48.71	23.09	20.0
TF	CROWY	FLY_BY	-29000.0			0.87	28.19	20.0
TF	MUPTT	FLY_BY	+23000.0	-27000.0	280.0	0.52	12.3	1.0
TF	MDOTS	FLY_BY	+20000.0	-24000.0		0.29	7.25	1.0
TF	GRIPR	FLY_BY	+19000.0	-23000.0		0.79	6.45	1.0
TF	BIKNG	FLY_BY	+16000.0	-20000.0		0.49	9.01	1.0
TF	RUNNN	FLY_BY	+14000.0	-17000.0		1.34	7.35	1.0
TF	IRNMN	FLY_BY	-16000.0			0.41	6.54	1.0
TF	SYMON	FLY_BY	+11000.0	-13000.0	250.0	4.83	6.83	1.0
TF	BAYST	FLY_BY	+9000.0		240.0	43.85	10.93	1.82
TF	KORMC	FLY_BY	+8000.0	-9000.0		4.94	5.5	1.82
TF	CLIFY	FLY_BY	+7000.0	-8000.0	210.0	20.84	4.88	1.32
TF	DAHJR	FLY_BY	6000.0		210.0	4.66	5.03	1.32
TF	GADDO	FLY_OVER					3.0	1.0
FM							0.0	0.0

REBRG:Landing KLAX/KHHR 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	REBRG				0.0	0.0							0.0	0.0				
TF	STADD	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	2.7	54.11	39338.92	300.0	5.0	125.0	607.0	570.0
TF	DOUIT	FLY_BY	2.7	54.11	39338.92	300.0	5.0	125.0	607.0	570.0	20.0	44.19	33566.56	300.0	6.0	113.0	542.0	570.0
TF	CROWY	FLY_BY	20.0	44.19	33566.56	300.0	6.0	113.0	542.0	570.0	0.39	50.57	26517.99	300.0	5.0	100.0	475.0	551.0
TF	MUPTT	FLY_BY	0.39	50.57	26517.99	300.0	5.0	100.0	475.0	551.0	0.2	45.04	23443.89	280.0	5.0	93.0	419.0	520.0
TF	MDOTS	FLY_BY	0.2	45.04	23443.89	280.0	5.0	93.0	419.0	520.0	0.11	41.97	21630.97	280.0	5.0	90.0	406.0	502.0
TF	GRIPR	FLY_BY	0.11	41.97	21630.97	280.0	5.0	90.0	406.0	502.0	0.27	39.34	20018.22	280.0	5.0	87.0	395.0	486.0
TF	BIKNG	FLY_BY	0.27	39.34	20018.22	280.0	5.0	87.0	395.0	486.0	0.77	178.19	17764.81	280.0	1.0	82.0	380.0	462.0
TF	RUNNN	FLY_BY	0.77	178.19	17764.81	280.0	1.0	82.0	380.0	462.0	1.96	167.55	15926.82	280.0	1.0	79.0	369.0	448.0
TF	IRNMN	FLY_BY	1.96	167.55	15926.82	280.0	1.0	79.0	369.0	448.0	0.56	157.24	14291.59	280.0	1.0	75.0	359.0	434.0
TF	SYMON	FLY_BY	0.56	157.24	14291.59	280.0	1.0	75.0	359.0	434.0	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0
TF	BAYST	FLY_BY	2.15	50.9	12584.63	250.0	2.42	72.0	312.0	384.0	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0
TF	KORMC	FLY_BY	1.82	4.51	9851.05	240.0	21.93	67.0	286.0	353.0	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0
TF	CLIFY	FLY_BY	1.72	39.98	8477.23	240.0	2.47	64.0	280.0	344.0	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0
TF	DAHJR	FLY_BY	1.32	7.18	7256.79	210.0	10.42	61.0	240.0	301.0	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0
TF	GADDO	FLY_OVER	1.27	31.17	6000.0	210.0	2.33	59.0	236.0	295.0	0.0		4000.0	210.0	0.0	55.0	229.0	284.0
FM			0.0		4000.0	210.0	0.0	55.0	229.0	284.0			0.0	0.0				

REBRG:Landing KLAX/KHHR 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
REBRG	STADD	TerrainPt_37_REBRG:Landing KLAX/KHHR_REBRG:STADD		4E (+-250/+125)	N35° 40' 30.00"	W119° 46' 48.00"	505.25	true	P	2000.0		2706	2705.25	24-Jul-2015 09:27:29
STADD	DOUIT	TerrainPt_38_REBRG:Landing KLAX/KHHR_STADD:DOUIT		4E (+-250/+125)	N35° 17' 27.00"	W119° 45' 51.00"	4337.27	true	P	2000.0		6538	6537.27	24-Jul-2015 09:27:29
DOUIT	CROWY	TerrainPt_30_BURGL:Landing KLAX/KHHR_DOUIT:CROWY		4E (+-250/+125)	N34° 55' 12.00"	W119° 24' 21.00"	4501.31	true	P	2000.0		6702	6701.31	24-Jul-2015 09:27:28
CROWY	MUPTT	TerrainPt_26_BURGL:Landing KLAX/KHHR_CROWY:MUPTT		4E (+-250/+125)	N34° 46' 12.00"	W119° 15' 51.00"	5341.21	true	P	2000.0		7542	7541.21	24-Jul-2015 09:27:28
MUPTT	MDOTS	TerrainPt_16_BURGL:Landing KLAX/KHHR_MUPTT:MDOTS		4E (+-250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	24-Jul-2015 09:27:28
MDOTS	GRIPR	TerrainPt_1_BURGL:Landing KLAX/KHHR_MDOTS:GRIPR		4E (+-250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	24-Jul-2015 09:27:28
GRIPR	BIKNG	TerrainPt_39_BURGL:Landing KLAX/KHHR_GRIPR:BIKNG		4E (+-250/+125)	N34° 36' 21.00"	W119° 07' 42.00"	6902.89	true	P	2000.0		9103	9102.89	24-Jul-2015 09:27:28
BIKNG	RUNNN	TerrainPt_31_BURGL:Landing KLAX/KHHR_BIKNG:RUNNN		4E (+-250/+125)	N34° 29' 00.00"	W119° 01' 36.00"	5134.51	true	P	2000.0		7335	7334.51	24-Jul-2015 09:27:28
RUNNN	IRNMN	06-001823	AVNII	5E (+-500/+125)	N34° 19' 52.00"	W119° 01' 24.00"	2709.0	true	P	2000.0		4709	4709.0	25-Jun-2015 08:35:12
IRNMN	SYMON	TerrainPt_27_FRASR:Landing KLAX/KHHR_IRNMN:SYMON		4E (+-250/+125)	N34° 12' 15.00"	W118° 46' 33.00"	2391.73	true	P	2000.0		4592	4591.73	24-Jul-2015 09:27:28
SYMON	BAYST	TerrainPt_6_FRASR:Landing KLAX/KHHR_SYMON:BAYST		4E (+-250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jul-2015 09:27:28
BAYST	KORMC	TerrainPt_0_BURGL:Landing KLAX/KHHR_BAYST:KORMC		4E (+-250/+125)	N34° 04' 30.00"	W118° 39' 33.00"	2798.56	true	P	2000.0		4999	4998.56	24-Jul-2015 09:27:28
KORMC	CLIFY	TerrainPt_29_BURGL:Landing KLAX/KHHR_KORMC:CLIFY		4E (+-250/+125)	N34° 03' 24.00"	W118° 33' 39.00"	1118.77	true	P	2000.0		3319	3318.77	24-Jul-2015 09:27:28
CLIFY	DAHJR	TerrainPt_6_BURGL:Landing KLAX/KHHR_CLIFY:DAHJR		4E (+-250/+125)	N34° 00' 39.00"	W118° 22' 03.00"	518.37	true	P	2000.0		2719	2718.37	24-Jul-2015 09:27:28
DAHJR	GADDO	06-038193	AVNII	1B (+-20/+10)	N34° 03' 03.80"	W118° 15' 15.86"	1319.0	true	P	2000.0		3319	3319.0	10-Jul-2015 09:54:44

REBRG:Landing KLAX/KHHR Criteria Failures

No failures.

Evaluation Input

LAX IRNMN RNAV

Name:	RS Results Landing KLAX/KHHR
Project:	LAX_HHR IRNMN STAR paperwork-12E
Last evaluated:	24-Jul-2015 09:22:17
Evaluated obstacles?:	true
Obstacle Database:	AVNII
Evaluated terrain?:	true
Worst Case Vegetation Height (ft) AGL:	0

Terrain Information

Terrain Extractor Name	Extractor Location	Extractor Type	Resolution
DTED 3 Sec	C:\Users\martha ctr dunn\Documents\SDAT\GreatLakes DTED-3Sec	org.mitre.caasd.terrain.DTEExtractor	3.0

Procedure Criteria Failures

No failures.

Evaluation Notes and Warnings

No failures.

Obstacles Requiring Accuracy Code Verification

None.

Database Effective Dates

Database	Date
Tiled AVNII	N/A
OEAAA	N/A
NFDC	06/25/2015
IFP_OFFLINE	N/A
AVNIS	07/24/2015
DOF	06/25/2015
AVNII_OFFLINE	N/A
AVNII	07/24/2015
CIFP	07/23/2015

Notes: