

ZILLI

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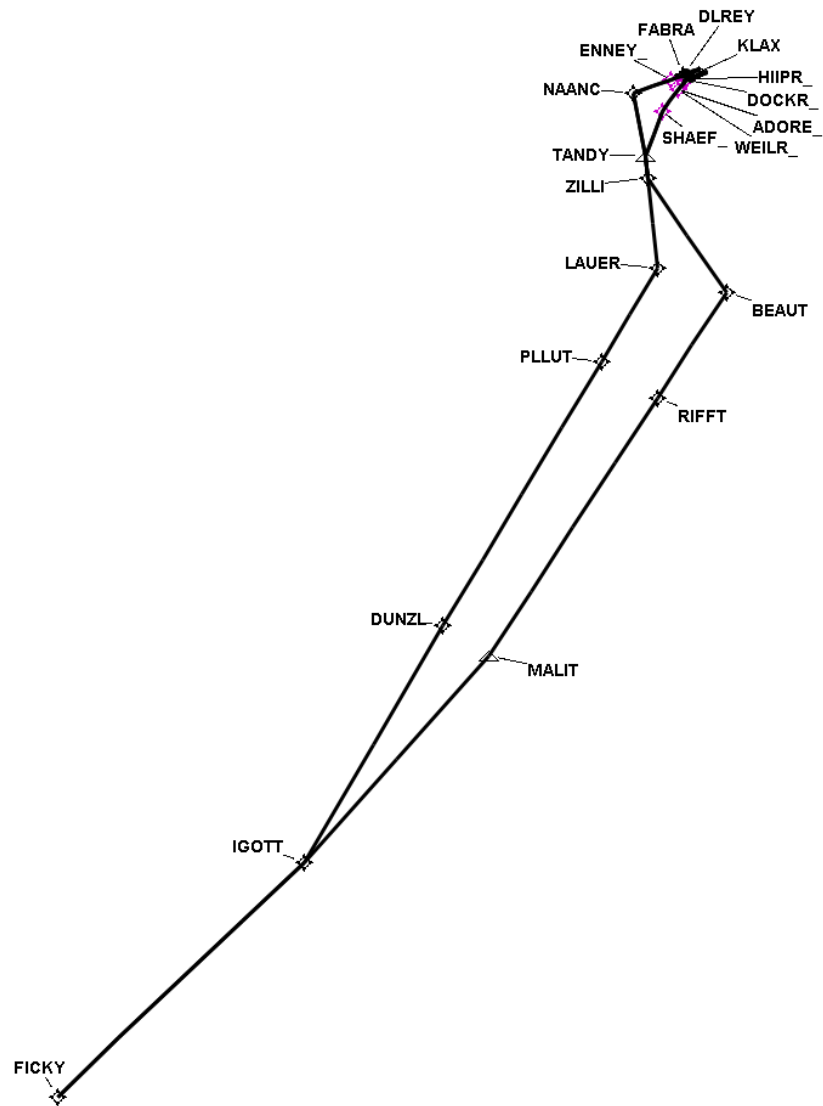
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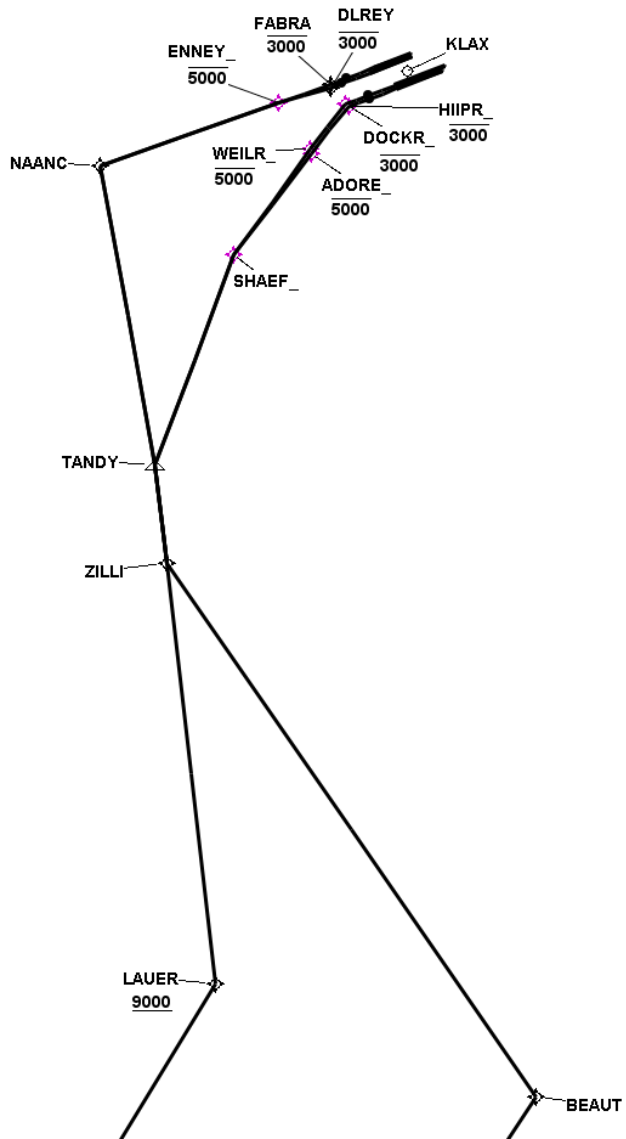
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Runway Transition Data - RW24L

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)
AIRNA V2	DER RW24L	N33 56 48.53	W118 26 04.80												
					VA	263.00	251.00	1.06	+640						
AVNIS	DLREY WP	N33 56 37.25	W118 27 54.53	FB	DF			.47	-3000						
	ENNEY_ WP	N33 56 32.86	W118 30 20.84	FB	TF	267.95	255.95	2.03	-5000						
AVNIS	NAANC WP	N33 55 54.00	W118 38 38.00	FB	TF	264.68	252.68	6.92							
AVNIS	TANDY WP	N33 44 47.67	W118 39 29.06	FB	TF	183.66	171.66	11.11							
AVNIS	ZILLI WP	N33 41 12.00	W118 40 02.00	FB	TF	187.28	175.28	3.62							

Runway Transition Data - RW24R

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	DER RW24R	N33 56 56.80	W118 25 52.18												
					VA	263.00	251.00	1.05	+640						
AVNIS	FABRA WP	N33 56 44.30	W118 27 53.85	FB	DF			.65	-3000						
	ENNEY_ WP	N33 56 32.86	W118 30 20.84	FB	TF	264.68	252.68	2.05	-5000						
AVNIS	NAANC WP	N33 55 54.00	W118 38 38.00	FB	TF	264.68	252.68	6.92							
AVNIS	TANDY WP	N33 44 47.67	W118 39 29.06	FB	TF	183.66	171.66	11.11							
AVNIS	ZILLI WP	N33 41 12.00	W118 40 02.00	FB	TF	187.28	175.28	3.62							

Runway Transition Data - RW25L

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	DER RW25L	N33 56 01.14	W118 25 08.47												
					VA	263.01	251.01	1.04	+640						
	HIIPR_ WP	N33 55 47.45	W118 27 21.59	FB	DF			.82	-3000						
	ADORE_ WP	N33 54 28.30	W118 29 28.09	FB	TF	233.12	221.12	2.19	-5000						
	SHAEF_ WP	N33 51 32.24	W118 33 52.17	FB	TF	231.38	219.38	4.69							
AVNIS	TANDY WP	N33 44 47.67	W118 39 29.06	FB	TF	214.83	202.83	8.20							
AVNIS	ZILLI WP	N33 41 12.00	W118 40 02.00	FB	TF	187.28	175.28	3.62							

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Runway Transition Data - RW25R

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	DER RW25R	N33 56 08.99	W118 25 09.63												
					VA	263.01	251.01	1.04	+640						
	DOCKR_WP	N33 55 54.64	W118 27 29.17	FB	DF			.91	-3000						
	WEILR_WP	N33 54 37.56	W118 29 27.35	FB	TF	231.97	219.97	2.08	-5000						
	SHAEF_WP	N33 51 32.24	W118 33 52.17	FB	TF	230.02	218.02	4.80							
AVNIS	TANDY WP	N33 44 47.67	W118 39 29.06	FB	TF	214.83	202.83	8.20							
AVNIS	ZILLI WP	N33 41 12.00	W118 40 02.00	FB	TF	187.28	175.28	3.62							

En Route Transition Data - BEAUT

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	ZILLI WP	N33 41 12.00	W118 40 02.00		IF										
AVNIS	BEAUT WP	N33 18 57.00	W118 29 54.00	FB	TF	159.07	147.07	23.77			5500				
AVNIS	RIFFT WP	N33 04 20.00	W118 49 05.00	FB	TF	227.90	215.90	21.73			5500				
AVNIS	MALIT WP	N32 28 32.13	W119 35 28.25	FB	TF	227.80	215.80	52.97			5500				
AVNIS	IGOTT WP	N32 02 00.00	W120 22 42.00	FB	TF	236.74	224.74	48.01			5500				
AVNIS	FICKY WP	N31 33 27.38	W121 23 30.47	FB	TF	241.47	229.47	59.13			5500				

En Route Transition Data - LAUER

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	ZILLI WP	N33 41 12.00	W118 40 02.00		IF										
AVNIS	LAUER WP	N33 25 48.00	W118 42 26.00	FB	TF	187.44	175.44	15.50	+9000		5500				
AVNIS	PLLUT WP	N33 12 43.00	W118 58 23.00	FB	TF	225.74	213.74	18.69			5500				
AVNIS	DUNZL WP	N32 35 27.00	W119 43 12.00	FB	TF	225.62	213.62	52.98			5500				
AVNIS	IGOTT WP	N32 02 00.00	W120 22 42.00	FB	TF	225.26	213.26	47.27			5500				
AVNIS	FICKY WP	N31 33 27.38	W121 23 30.47	FB	TF	241.47	229.47	59.13			5500				

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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")
	ADORE_WP		335428.30N-1182928.09W	N 33.9078611	W 118.4911361	N33 54.472	W118 29.468	N33 54 28.30	W118 29 28.09
AVNIS	BEAUT WP		331857.00N-1182954.00W	N 33.3158333	W 118.4983333	N33 18.950	W118 29.900	N33 18 57.00	W118 29 54.00
AVNIS	DLREY WP		335637.25N-1182754.53W	N 33.9436806	W 118.4651472	N33 56.621	W118 27.909	N33 56 37.25	W118 27 54.53
	DOCKR_WP		335554.64N-1182729.17W	N 33.9318444	W 118.4581028	N33 55.911	W118 27.486	N33 55 54.64	W118 27 29.17
AVNIS	DUNZL WP		323527.00N-1194312.00W	N 32.5908333	W 119.7200000	N32 35.450	W119 43.200	N32 35 27.00	W119 43 12.00
	ENNEY_WP		335632.86N-1183020.84W	N 33.9424611	W 118.5057889	N33 56.548	W118 30.347	N33 56 32.86	W118 30 20.84
AVNIS	FABRA WP		335644.30N-1182753.85W	N 33.9456389	W 118.4649583	N33 56.738	W118 27.898	N33 56 44.30	W118 27 53.85
AVNIS	FICKY WP		313327.38N-1212330.47W	N 31.5576056	W 121.3917972	N31 33.456	W121 23.508	N31 33 27.38	W121 23 30.47
	HIIPR_WP		335547.45N-1182721.59W	N 33.9298472	W 118.4559972	N33 55.791	W118 27.360	N33 55 47.45	W118 27 21.59
AVNIS	IGOTT WP		320200.00N-1202242.00W	N 32.0333333	W 120.3783333	N32 02.000	W120 22.700	N32 02 00.00	W120 22 42.00
AVNIS	LAUER WP		332548.00N-1184226.00W	N 33.4300000	W 118.7072222	N33 25.800	W118 42.433	N33 25 48.00	W118 42 26.00
AVNIS	MALIT WP		322832.13N-1193528.25W	N 32.4755917	W 119.5911806	N32 28.535	W119 35.471	N32 28 32.13	W119 35 28.25
AVNIS	NAANC WP		335554.00N-1183838.00W	N 33.9316667	W 118.6438889	N33 55.900	W118 38.633	N33 55 54.00	W118 38 38.00
AVNIS	PLLOT WP		331243.00N-1185823.00W	N 33.2119444	W 118.9730556	N33 12.717	W118 58.383	N33 12 43.00	W118 58 23.00
AVNIS	RIFFT WP		330420.00N-1184905.00W	N 33.0722222	W 118.8180556	N33 04.333	W118 49.083	N33 04 20.00	W118 49 05.00
	SHAEF_WP		335132.24N-1183352.17W	N 33.8589556	W 118.5644917	N33 51.537	W118 33.870	N33 51 32.24	W118 33 52.17
AVNIS	TANDY WP		334447.67N-1183929.06W	N 33.7465750	W 118.6580722	N33 44.794	W118 39.484	N33 44 47.67	W118 39 29.06
	WEILR_WP		335437.56N-1182927.35W	N 33.9104333	W 118.4909306	N33 54.626	W118 29.456	N33 54 37.56	W118 29 27.35
AVNIS	ZILLI WP		334112.00N-1184002.00W	N 33.6866667	W 118.6672222	N33 41.200	W118 40.033	N33 41 12.00	W118 40 02.00

RS Results ZILLI from KLAX

Last Evaluation: 26-Apr-2016 12:15:43
Reference Software Version: 0.3.6

Route Evaluation for RW24L:BEAUT

Required Engagement Climb Gradient (ft/NM): 500.0

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RW24L:BEAUT 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
VA			+640.0			0.08	1.06	1.06
DF	DLREY	FLY_BY	-3000.0			5.05	0.47	0.0
TF	ENNEY_	FLY_BY	-5000.0			3.25	2.03	1.0
TF	NAANC	FLY_BY				80.94	6.92	3.32
TF	TANDY	FLY_BY				3.62	11.11	3.32
TF	ZILLI	FLY_BY				28.2	3.62	1.53
TF	BEAUT	FLY_BY				68.74	23.77	21.53
TF	RIFFT	FLY_BY				0.07	21.73	20.0
TF	MALIT	FLY_BY				9.36	52.97	1.0
TF	IGOTT	FLY_BY				5.16	48.01	1.0
TF	FICKY	FLY_BY					59.13	1.0

RW24L:BEAUT 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	DLREY	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.36	30.74	876.48	265.0	2.53	30.0	275.0	305.0
TF	ENNEY_	FLY_BY	1.36	30.74	876.48	265.0	2.53	30.0	275.0	305.0	1.4	49.43	1891.56	265.0	1.62	30.0	280.0	310.0
TF	NAANC	FLY_BY	1.4	49.43	1891.56	265.0	1.62	30.0	280.0	310.0	3.32	3.89	5354.3	265.0	25.0	58.0	295.0	353.0
TF	TANDY	FLY_BY	3.32	3.89	5354.3	265.0	25.0	58.0	295.0	353.0	2.69	85.23	10637.35	300.0	1.81	68.0	362.0	430.0
TF	ZILLI	FLY_BY	2.69	85.23	10637.35	300.0	1.81	68.0	362.0	430.0	1.53	6.08	11904.0	300.0	25.0	71.0	370.0	441.0
TF	BEAUT	FLY_BY	1.53	6.08	11904.0	300.0	25.0	71.0	370.0	441.0	20.0	29.24	20230.0	300.0	7.0	87.0	425.0	488.0
TF	RIFFT	FLY_BY	20.0	29.24	20230.0	300.0	7.0	87.0	425.0	488.0	0.03	52.98	27842.51	300.0	5.0	102.0	486.0	564.0
TF	MALIT	FLY_BY	0.03	52.98	27842.51	300.0	5.0	102.0	486.0	564.0	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	IGOTT	FLY_BY	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW24L:BEAUT Criteria Failures

No failures.

Route Evaluation for RW24L:LAUER

Required Engagement Climb Gradient (ft/NM): 500.0

RW24L:LAUER 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
VA			+640.0			0.08	1.06	1.06
DF	DLREY	FLY_BY	-3000.0			5.05	0.47	0.0
TF	ENNEY_	FLY_BY	-5000.0			3.25	2.03	1.0
TF	NAANC	FLY_BY				80.94	6.92	3.32
TF	TANDY	FLY_BY				3.62	11.11	3.32
TF	ZILLI	FLY_BY				0.17	3.62	1.0
TF	LAUER	FLY_BY	+9000.0			38.32	15.5	3.43
TF	PLLUT	FLY_BY				0.02	18.69	3.43
TF	DUNZL	FLY_BY				0.05	52.98	1.0
TF	IGOTT	FLY_BY				16.57	47.27	7.88
TF	FICKY	FLY_BY					59.13	7.88

RW24L:LAUER 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	DLREY	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.36	30.74	876.48	265.0	2.53	30.0	275.0	305.0
TF	ENNEY_	FLY_BY	1.36	30.74	876.48	265.0	2.53	30.0	275.0	305.0	1.4	49.43	1891.56	265.0	1.62	30.0	280.0	310.0
TF	NAANC	FLY_BY	1.4	49.43	1891.56	265.0	1.62	30.0	280.0	310.0	3.32	3.89	5354.3	265.0	25.0	58.0	295.0	353.0
TF	TANDY	FLY_BY	3.32	3.89	5354.3	265.0	25.0	58.0	295.0	353.0	2.69	85.23	10637.35	300.0	1.81	68.0	362.0	430.0
TF	ZILLI	FLY_BY	2.69	85.23	10637.35	300.0	1.81	68.0	362.0	430.0	0.01	6.08	11904.0	300.0	25.0	71.0	370.0	441.0
TF	LAUER	FLY_BY	0.01	6.08	11904.0	300.0	25.0	71.0	370.0	441.0	3.43	9.87	17333.43	300.0	19.16	81.0	404.0	485.0
TF	PLLUT	FLY_BY	3.43	9.87	17333.43	300.0	19.16	81.0	404.0	485.0	0.0		23879.92	300.0	0.0	94.0	453.0	524.0
TF	DUNZL	FLY_BY	0.0		23879.92	300.0	0.0	94.0	453.0	524.0	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	IGOTT	FLY_BY	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW24L:LAUER Criteria Failures

No failures.

Route Evaluation for RW24R:BEAUT

Required Engagement Climb Gradient (ft/NM): 500.0

RW24R:BEAUT 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
VA			+640.0			0.06	1.05	1.05
DF	FABRA	FLY_BY	-3000.0			1.75	0.65	0.0
TF	ENNEY_	FLY_BY	-5000.0			0.03	2.05	1.0
TF	NAANC	FLY_BY				80.94	6.92	3.32
TF	TANDY	FLY_BY				3.62	11.11	3.32
TF	ZILLI	FLY_BY				28.2	3.62	1.53
TF	BEAUT	FLY_BY				68.74	23.77	21.53
TF	RIFFT	FLY_BY				0.07	21.73	20.0
TF	MALIT	FLY_BY				9.36	52.97	1.0
TF	IGOTT	FLY_BY				5.16	48.01	1.0
TF	FICKY	FLY_BY					59.13	1.0

RW24R:BEAUT 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	FABRA	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.2	78.17	963.03	265.0	1.0	30.0	276.0	306.0
TF	ENNEY_	FLY_BY	1.2	78.17	963.03	265.0	1.0	30.0	276.0	306.0	0.0		1986.59	265.0	0.0	30.0	280.0	310.0
TF	NAANC	FLY_BY	0.0		1986.59	265.0	0.0	30.0	280.0	310.0	3.32	3.89	5449.35	265.0	25.0	58.0	295.0	353.0
TF	TANDY	FLY_BY	3.32	3.89	5449.35	265.0	25.0	58.0	295.0	353.0	2.71	85.63	10703.9	300.0	1.81	68.0	363.0	431.0
TF	ZILLI	FLY_BY	2.71	85.63	10703.9	300.0	1.81	68.0	363.0	431.0	1.53	6.08	11970.56	300.0	25.0	71.0	370.0	441.0
TF	BEAUT	FLY_BY	1.53	6.08	11970.56	300.0	25.0	71.0	370.0	441.0	20.0	29.24	20296.59	300.0	7.0	87.0	425.0	489.0
TF	RIFFT	FLY_BY	20.0	29.24	20296.59	300.0	7.0	87.0	425.0	489.0	0.03	52.98	27909.12	300.0	5.0	102.0	487.0	564.0
TF	MALIT	FLY_BY	0.03	52.98	27909.12	300.0	5.0	102.0	487.0	564.0	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	IGOTT	FLY_BY	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW24R:BEAUT Criteria Failures

No failures.

Route Evaluation for RW24R:LAUER

Required Engagement Climb Gradient (ft/NM): 500.0

RW24R:LAUER 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
VA			+640.0			0.06	1.05	1.05
DF	FABRA	FLY_BY	-3000.0			1.75	0.65	0.0
TF	ENNEY_	FLY_BY	-5000.0			0.03	2.05	1.0
TF	NAANC	FLY_BY				80.94	6.92	3.32
TF	TANDY	FLY_BY				3.62	11.11	3.32
TF	ZILLI	FLY_BY				0.17	3.62	1.0
TF	LAUER	FLY_BY	+9000.0			38.32	15.5	3.44
TF	PLLUT	FLY_BY				0.02	18.69	3.44
TF	DUNZL	FLY_BY				0.05	52.98	1.0
TF	IGOTT	FLY_BY				16.57	47.27	7.88
TF	FICKY	FLY_BY					59.13	7.88

RW24R:LAUER 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	FABRA	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.2	78.17	963.03	265.0	1.0	30.0	276.0	306.0
TF	ENNEY_	FLY_BY	1.2	78.17	963.03	265.0	1.0	30.0	276.0	306.0	0.0		1986.59	265.0	0.0	30.0	280.0	310.0
TF	NAANC	FLY_BY	0.0		1986.59	265.0	0.0	30.0	280.0	310.0	3.32	3.89	5449.35	265.0	25.0	58.0	295.0	353.0
TF	TANDY	FLY_BY	3.32	3.89	5449.35	265.0	25.0	58.0	295.0	353.0	2.71	85.63	10703.9	300.0	1.81	68.0	363.0	431.0
TF	ZILLI	FLY_BY	2.71	85.63	10703.9	300.0	1.81	68.0	363.0	431.0	0.01	6.08	11970.56	300.0	25.0	71.0	370.0	441.0
TF	LAUER	FLY_BY	0.01	6.08	11970.56	300.0	25.0	71.0	370.0	441.0	3.44	9.91	17400.0	300.0	19.16	81.0	405.0	486.0
TF	PLLUT	FLY_BY	3.44	9.91	17400.0	300.0	19.16	81.0	405.0	486.0	0.0		23946.51	300.0	0.0	94.0	453.0	525.0
TF	DUNZL	FLY_BY	0.0		23946.51	300.0	0.0	94.0	453.0	525.0	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	IGOTT	FLY_BY	0.02	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW24R:LAUER Criteria Failures

No failures.

Route Evaluation for RW25L:BEAUT

Required Engagement Climb Gradient (ft/NM): 500.0

RW25L:BEAUT 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
VA			+640.0			0.08	1.04	1.04
DF	HIIPR_	FLY_BY	-3000.0			29.79	0.82	0.0
TF	ADORE_	FLY_BY	-5000.0			1.72	2.19	1.36
TF	SHAEF_	FLY_BY				16.51	4.69	1.75
TF	TANDY	FLY_BY				27.5	8.2	3.79
TF	ZILLI	FLY_BY				28.2	3.62	3.47
TF	BEAUT	FLY_BY				68.74	23.77	6.71
TF	RIFFT	FLY_BY				0.07	21.73	5.28
TF	MALIT	FLY_BY				9.36	52.97	1.0
TF	IGOTT	FLY_BY				5.16	48.01	1.0
TF	FICKY	FLY_BY					59.13	1.0

RW25L:BEAUT 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	HIIPR_	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.36	5.13	1051.78	265.0	14.9	30.0	276.0	306.0
TF	ADORE_	FLY_BY	1.36	5.13	1051.78	265.0	14.9	30.0	276.0	306.0	1.38	92.02	2148.72	265.0	1.0	51.0	281.0	332.0
TF	SHAEF_	FLY_BY	1.38	92.02	2148.72	265.0	1.0	51.0	281.0	332.0	1.75	12.09	4494.62	265.0	8.26	56.0	291.0	347.0
TF	TANDY	FLY_BY	1.75	12.09	4494.62	265.0	8.26	56.0	291.0	347.0	2.04	8.33	8594.49	265.0	13.75	64.0	310.0	374.0
TF	ZILLI	FLY_BY	2.04	8.33	8594.49	265.0	13.75	64.0	310.0	374.0	1.43	5.7	10282.69	300.0	25.0	67.0	360.0	427.0
TF	BEAUT	FLY_BY	1.43	5.7	10282.69	300.0	25.0	67.0	360.0	427.0	5.28	7.72	18608.04	300.0	25.0	84.0	413.0	497.0
TF	RIFFT	FLY_BY	5.28	7.72	18608.04	300.0	25.0	84.0	413.0	497.0	0.03	50.02	26219.96	300.0	5.0	99.0	472.0	548.0
TF	MALIT	FLY_BY	0.03	50.02	26219.96	300.0	5.0	99.0	472.0	548.0	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	IGOTT	FLY_BY	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW25L:BEAUT Criteria Failures

No failures.

Route Evaluation for RW25L:LAUER

Required Engagement Climb Gradient (ft/NM): 500.0

RW25L:LAUER 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
VA			+640.0			0.08	1.04	1.04
DF	HIIPR_	FLY_BY	-3000.0			29.79	0.82	0.0
TF	ADORE_	FLY_BY	-5000.0			1.72	2.19	1.36
TF	SHAEF_	FLY_BY				16.51	4.69	1.75
TF	TANDY	FLY_BY				27.5	8.2	3.79
TF	ZILLI	FLY_BY				0.17	3.62	2.04
TF	LAUER	FLY_BY	+9000.0			38.32	15.5	3.24
TF	PLLUT	FLY_BY				0.02	18.69	3.24
TF	DUNZL	FLY_BY				0.05	52.98	1.0
TF	IGOTT	FLY_BY				16.57	47.27	7.88
TF	FICKY	FLY_BY					59.13	7.88

RW25L:LAUER 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	HIIPR_	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.36	5.13	1051.78	265.0	14.9	30.0	276.0	306.0
TF	ADORE_	FLY_BY	1.36	5.13	1051.78	265.0	14.9	30.0	276.0	306.0	1.38	92.02	2148.72	265.0	1.0	51.0	281.0	332.0
TF	SHAEF_	FLY_BY	1.38	92.02	2148.72	265.0	1.0	51.0	281.0	332.0	1.75	12.09	4494.62	265.0	8.26	56.0	291.0	347.0
TF	TANDY	FLY_BY	1.75	12.09	4494.62	265.0	8.26	56.0	291.0	347.0	2.04	8.33	8594.49	265.0	13.75	64.0	310.0	374.0
TF	ZILLI	FLY_BY	2.04	8.33	8594.49	265.0	13.75	64.0	310.0	374.0	0.01	5.7	10282.69	300.0	25.0	67.0	360.0	427.0
TF	LAUER	FLY_BY	0.01	5.7	10282.69	300.0	25.0	67.0	360.0	427.0	3.24	9.34	15711.69	300.0	19.16	78.0	394.0	472.0
TF	PLLUT	FLY_BY	3.24	9.34	15711.69	300.0	19.16	78.0	394.0	472.0	0.0		22257.67	300.0	0.0	91.0	440.0	508.0
TF	DUNZL	FLY_BY	0.0		22257.67	300.0	0.0	91.0	440.0	508.0	0.02	54.11	40829.52	300.0	5.0	128.0	626.0	570.0
TF	IGOTT	FLY_BY	0.02	54.11	40829.52	300.0	5.0	128.0	626.0	570.0	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW25L:LAUER Criteria Failures

No failures.

Route Evaluation for RW25R:BEAUT

Required Engagement Climb Gradient (ft/NM): 500.0

RW25R:BEAUT 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
VA			+640.0			0.08	1.04	1.04
DF	DOCKR_	FLY_BY	-3000.0			30.94	0.91	0.0
TF	WEILR_	FLY_BY	-5000.0			1.93	2.08	1.36
TF	SHAEF_	FLY_BY				15.15	4.8	1.75
TF	TANDY	FLY_BY				27.5	8.2	3.79
TF	ZILLI	FLY_BY				28.2	3.62	3.48
TF	BEAUT	FLY_BY				68.74	23.77	6.72
TF	RIFFT	FLY_BY				0.07	21.73	5.28
TF	MALIT	FLY_BY				9.36	52.97	1.0
TF	IGOTT	FLY_BY				5.16	48.01	1.0
TF	FICKY	FLY_BY					59.13	1.0

RW25R:BEAUT 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	DOCKR_	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.36	4.93	1095.29	265.0	15.47	30.0	276.0	306.0
TF	WEILR_	FLY_BY	1.36	4.93	1095.29	265.0	15.47	30.0	276.0	306.0	1.55	92.02	2135.93	265.0	1.0	51.0	281.0	332.0
TF	SHAEF_	FLY_BY	1.55	92.02	2135.93	265.0	1.0	51.0	281.0	332.0	1.75	13.19	4534.6	265.0	7.57	56.0	291.0	347.0
TF	TANDY	FLY_BY	1.75	13.19	4534.6	265.0	7.57	56.0	291.0	347.0	2.04	8.33	8634.48	265.0	13.75	64.0	310.0	374.0
TF	ZILLI	FLY_BY	2.04	8.33	8634.48	265.0	13.75	64.0	310.0	374.0	1.44	5.72	10310.68	300.0	25.0	67.0	361.0	428.0
TF	BEAUT	FLY_BY	1.44	5.72	10310.68	300.0	25.0	67.0	361.0	428.0	5.28	7.72	18636.05	300.0	25.0	84.0	413.0	497.0
TF	RIFFT	FLY_BY	5.28	7.72	18636.05	300.0	25.0	84.0	413.0	497.0	0.03	50.02	26247.98	300.0	5.0	99.0	473.0	548.0
TF	MALIT	FLY_BY	0.03	50.02	26247.98	300.0	5.0	99.0	473.0	548.0	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	IGOTT	FLY_BY	4.43	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	2.44	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW25R:BEAUT Criteria Failures

No failures.

Route Evaluation for RW25R:LAUER

Required Engagement Climb Gradient (ft/NM): 500.0

RW25R:LAUER 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
VA			+640.0			0.08	1.04	1.04
DF	DOCKR_	FLY_BY	-3000.0			30.94	0.91	0.0
TF	WEILR_	FLY_BY	-5000.0			1.93	2.08	1.36
TF	SHAEF_	FLY_BY				15.15	4.8	1.75
TF	TANDY	FLY_BY				27.5	8.2	3.79
TF	ZILLI	FLY_BY				0.17	3.62	2.04
TF	LAUER	FLY_BY	+9000.0			38.32	15.5	3.24
TF	PLLUT	FLY_BY				0.02	18.69	3.24
TF	DUNZL	FLY_BY				0.05	52.98	1.0
TF	IGOTT	FLY_BY				16.57	47.27	7.88
TF	FICKY	FLY_BY					59.13	7.88

RW25R:LAUER 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
VA					0.0	0.0					0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0
DF	DOCKR_	FLY_BY	0.0	2.89	640.0	265.0	25.0	30.0	274.0	304.0	1.36	4.93	1095.29	265.0	15.47	30.0	276.0	306.0
TF	WEILR_	FLY_BY	1.36	4.93	1095.29	265.0	15.47	30.0	276.0	306.0	1.55	92.02	2135.93	265.0	1.0	51.0	281.0	332.0
TF	SHAEF_	FLY_BY	1.55	92.02	2135.93	265.0	1.0	51.0	281.0	332.0	1.75	13.19	4534.6	265.0	7.57	56.0	291.0	347.0
TF	TANDY	FLY_BY	1.75	13.19	4534.6	265.0	7.57	56.0	291.0	347.0	2.04	8.33	8634.48	265.0	13.75	64.0	310.0	374.0
TF	ZILLI	FLY_BY	2.04	8.33	8634.48	265.0	13.75	64.0	310.0	374.0	0.01	5.72	10310.68	300.0	25.0	67.0	361.0	428.0
TF	LAUER	FLY_BY	0.01	5.72	10310.68	300.0	25.0	67.0	361.0	428.0	3.24	9.34	15739.69	300.0	19.16	78.0	394.0	472.0
TF	PLLUT	FLY_BY	3.24	9.34	15739.69	300.0	19.16	78.0	394.0	472.0	0.0		22285.68	300.0	0.0	91.0	440.0	509.0
TF	DUNZL	FLY_BY	0.0		22285.68	300.0	0.0	91.0	440.0	509.0	0.02	54.11	40857.55	300.0	5.0	128.0	627.0	570.0
TF	IGOTT	FLY_BY	0.02	54.11	40857.55	300.0	5.0	128.0	627.0	570.0	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	FICKY	FLY_BY	7.88	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

RW25R:LAUER Criteria Failures

No failures.

Evaluation Input

ZILLI

Name:	RS Results ZILLI from KLAX
Project:	LAX ZILLI3 SID_Paperwork_12E-NEW24L-250 DELETED_20160426
Last evaluated:	26-Apr-2016 12:15:43
Evaluated obstacles?:	false
Obstacle Database:	-
Evaluated terrain?:	false
Worst Case Vegetation Height (ft) AGL:	0
Wind Spiral Limiting Splay Angle (deg):	-
IDF Course Change Override?:	false

Procedure Criteria Failures

No failures.

Evaluation Notes and Warnings

RDEW1: In the route beginning at RW24L and ending at FICKY, the Fix LAUER, has a Minimum Climb Gradient Calculation Altitude 8572.586486779153 is less than the Altitude Restriction 9000.0.
RDEW1: In the route beginning at RW24R and ending at FICKY, the Fix LAUER, has a Minimum Climb Gradient Calculation Altitude 8610.613191455603 is less than the Altitude Restriction 9000.0.
RDEW1: In the route beginning at RW25L and ending at FICKY, the Fix LAUER, has a Minimum Climb Gradient Calculation Altitude 7646.252583310008 is less than the Altitude Restriction 9000.0.
RDEW1: In the route beginning at RW25R and ending at FICKY, the Fix LAUER, has a Minimum Climb Gradient Calculation Altitude 7662.2473111748695 is less than the Altitude Restriction 9000.0.
Bank angle exception applied on leg ending at ZILLI.

Database Effective Dates

Database	Date
UddfObstacle	03/09/2015
Tiled AIRNAV2	N/A
OEAAA	N/A
NFDC	03/31/2016
IFP_OFFLINE	N/A
AVNIS	04/26/2016
DOF	03/31/2016
AVNII_OFFLINE	N/A
AIRNAV2	04/26/2016
CIFP	03/31/2016

Notes: