

# PNDAH

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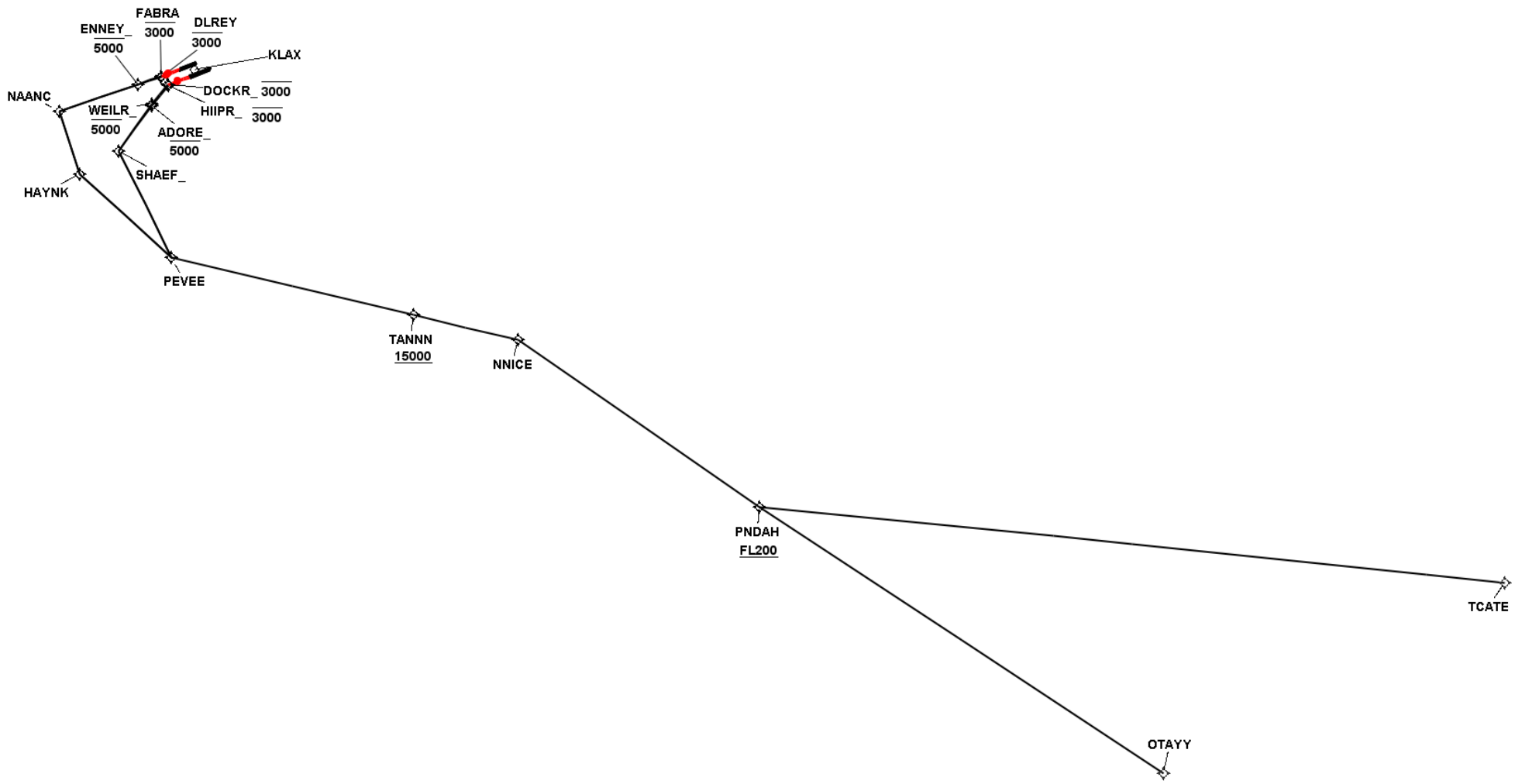
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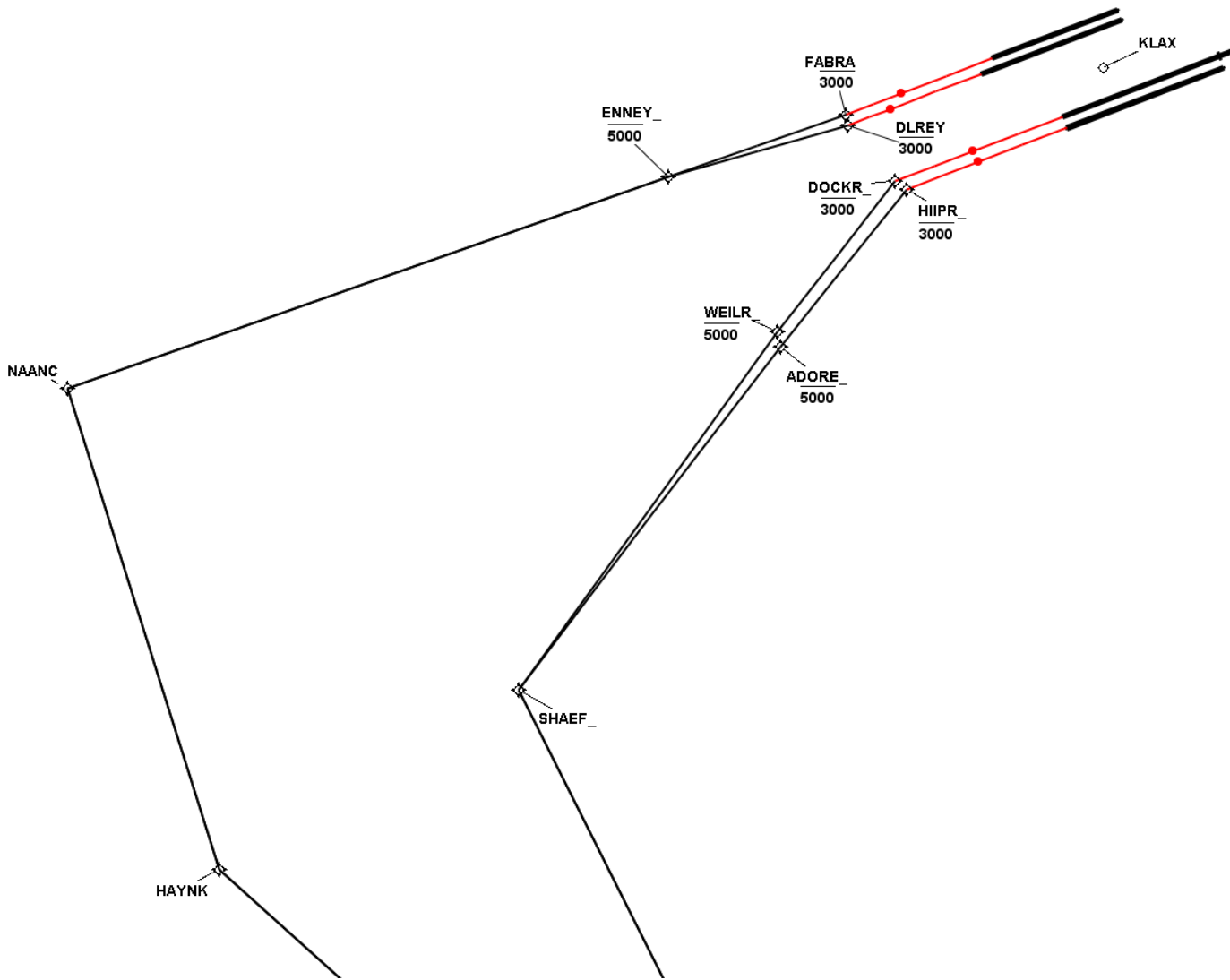
## **TARGETS Distribution Package**

**Version:5.0.5.1**

**Date: Thu Apr 28 10:51:37 PDT 2016**



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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							
	HAYNK WP	N33 50 26.07	W118 38 14.25	FB	TF	176.54	164.54	5.47							
AVNIS	PEVEE WP	N33 41 50.00	W118 31 15.00	FB	TF	145.81	133.81	10.38							

### 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							
	HAYNK WP	N33 50 26.07	W118 38 14.25	FB	TF	176.54	164.54	5.47							
AVNIS	PEVEE WP	N33 41 50.00	W118 31 15.00	FB	TF	145.81	133.81	10.38							

### 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	PEVEE WP	N33 41 50.00	W118 31 15.00	FB	TF	167.28	155.28	9.93							

### 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	PEVEE WP	N33 41 50.00	W118 31 15.00	FB	TF	167.28	155.28	9.93							

### Common Route Data - PNDAH 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)
AVNIS	PEVEE WP	N33 41 50.00	W118 31 15.00		IF										
	TANNN WP	N33 32 15.00	W118 09 01.23	FB	TF	117.16	105.16	20.88	+15000		5300				
	NNICE WP	N33 28 07.67	W117 59 26.89	FB	TF	117.16	105.16	9.00			15000				
	PNDAH WP	N33 09 42.00	W117 39 56.00	FB	TF	138.27	126.27	24.61	+20000		15000				

### En Route Transition Data - OTAYY

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)
	PNDAH WP	N33 09 42.00	W117 39 56.00		IF				+20000						
	OTAYY WP	N32 39 54.45	W117 06 58.45	FB	TF	136.83	124.83	40.67			20000				

### En Route Transition Data - TCATE

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)
	PNDAH WP	N33 09 42.00	W117 39 56.00		IF				+20000						
	TCATE WP	N32 48 29.07	W116 28 59.88	FB	TF	109.22	97.22	63.31			20000				

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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	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
	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
	HAYNK_WP		335026.07N-1183814.25W	N 33.8405750	W 118.6372917	N33 50.435	W118 38.238	N33 50 26.07	W118 38 14.25
	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	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
	NNICE_WP		332807.67N-1175926.89W	N 33.4687980	W 117.9908026	N33 28.128	W117 59.448	N33 28 07.67	W117 59 26.89
	OTAYY_WP		323954.45N-1170658.45W	N 32.6651263	W 117.1162370	N32 39.908	W117 06.974	N32 39 54.45	W117 06 58.45
AVNIS	PEVEE_WP		334150.00N-1183115.00W	N 33.6972222	W 118.5208333	N33 41.833	W118 31.250	N33 41 50.00	W118 31 15.00
	PNDAH_WP		330942.00N-1173956.00W	N 33.1616667	W 117.6655556	N33 09.700	W117 39.933	N33 09 42.00	W117 39 56.00
	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
	TANNN_WP		333215.00N-1180901.23W	N 33.5375000	W 118.1503417	N33 32.250	W118 09.020	N33 32 15.00	W118 09 01.23
	TCATE_WP		324829.07N-1162859.88W	N 32.8080745	W 116.4833000	N32 48.484	W116 28.998	N32 48 29.07	W116 28 59.88
	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

## RS Results PNDAH from KLAX

Last Evaluation: 28-Apr-2016 10:48:29

Reference Software Version: 0.3.6

**Route Evaluation for RW24L:PNDAH CR:OTAYY**

**Required Engagement Climb Gradient (ft/NM): 500.0**

PNDAH

### RW24L:PNDAAH CR:OTAYY 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			0.1	1.06	1.06
DF	DLREY	FLY_BY	-3000.0			5.07	0.44	0.0
TF	ENNEY_	FLY_BY	-5000.0			3.25	2.03	1.0
TF	NAANC	FLY_BY				88.06	6.92	3.76
TF	HAYNK	FLY_BY				30.73	5.47	4.94
TF	PEVEE	FLY_BY				28.72	10.38	4.04
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.86
TF	NNICE	FLY_BY				21.02	9.0	8.13
TF	PNDAAH	FLY_BY	+20000.0			1.62	24.61	8.13
TF	OTAYY	FLY_BY					40.67	1.0

### RW24L:PNDAAH CR:OTAYY 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	30.64	859.81	265.0	2.53	30.0	275.0	305.0
TF	ENNEY_	FLY_BY	1.36	30.64	859.81	265.0	2.53	30.0	275.0	305.0	1.4	49.43	1874.89	265.0	1.62	30.0	280.0	310.0
TF	NAANC	FLY_BY	1.4	49.43	1874.89	265.0	1.62	30.0	280.0	310.0	3.76	3.89	5337.62	265.0	25.0	58.0	295.0	353.0
TF	HAYNK	FLY_BY	3.76	3.89	5337.62	265.0	25.0	58.0	295.0	353.0	1.18	4.28	8071.31	265.0	25.0	63.0	307.0	370.0
TF	PEVEE	FLY_BY	1.18	4.28	8071.31	265.0	25.0	63.0	307.0	370.0	2.86	11.17	12283.01	300.0	14.36	71.0	372.0	443.0
TF	TANNN	FLY_BY	2.86	11.17	12283.01	300.0	14.36	71.0	372.0	443.0	0.07	38.7	19597.83	300.0	5.0	86.0	420.0	482.0
TF	NNICE	FLY_BY	0.07	38.7	19597.83	300.0	5.0	86.0	420.0	482.0	8.13	43.83	22751.02	300.0	5.0	92.0	444.0	513.0
TF	PNDAAH	FLY_BY	8.13	43.83	22751.02	300.0	5.0	92.0	444.0	513.0	0.76	54.11	31376.33	300.0	5.0	109.0	520.0	570.0
TF	OTAYY	FLY_BY	0.76	54.11	31376.33	300.0	5.0	109.0	520.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

### RW24L:PNDAAH CR:OTAYY Criteria Failures

No failures.

# Route Evaluation for RW24L:PNDAAH CR:TCATE

Required Engagement Climb Gradient (ft/NM): 500.0

## RW24L:PNDAAH CR:TCATE 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			0.1	1.06	1.06
DF	DLREY	FLY_BY	-3000.0			5.07	0.44	0.0
TF	ENNEY_	FLY_BY	-5000.0			3.25	2.03	1.0
TF	NAANC	FLY_BY				88.06	6.92	3.76
TF	HAYNK	FLY_BY				30.73	5.47	4.94
TF	PEVEE	FLY_BY				28.72	10.38	4.04
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.86
TF	NNICE	FLY_BY				21.02	9.0	8.13
TF	PNDAAH	FLY_BY	+20000.0			29.23	24.61	22.24
TF	TCATE	FLY_BY					63.31	14.11

## RW24L:PNDAAH CR:TCATE 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	30.64	859.81	265.0	2.53	30.0	275.0	305.0
TF	ENNEY_	FLY_BY	1.36	30.64	859.81	265.0	2.53	30.0	275.0	305.0	1.4	49.43	1874.89	265.0	1.62	30.0	280.0	310.0
TF	NAANC	FLY_BY	1.4	49.43	1874.89	265.0	1.62	30.0	280.0	310.0	3.76	3.89	5337.62	265.0	25.0	58.0	295.0	353.0
TF	HAYNK	FLY_BY	3.76	3.89	5337.62	265.0	25.0	58.0	295.0	353.0	1.18	4.28	8071.31	265.0	25.0	63.0	307.0	370.0
TF	PEVEE	FLY_BY	1.18	4.28	8071.31	265.0	25.0	63.0	307.0	370.0	2.86	11.17	12283.01	300.0	14.36	71.0	372.0	443.0
TF	TANNN	FLY_BY	2.86	11.17	12283.01	300.0	14.36	71.0	372.0	443.0	0.07	38.7	19597.83	300.0	5.0	86.0	420.0	482.0
TF	NNICE	FLY_BY	0.07	38.7	19597.83	300.0	5.0	86.0	420.0	482.0	8.13	43.83	22751.02	300.0	5.0	92.0	444.0	513.0
TF	PNDAAH	FLY_BY	8.13	43.83	22751.02	300.0	5.0	92.0	444.0	513.0	14.11	54.11	31376.33	300.0	5.0	109.0	520.0	570.0
TF	TCATE	FLY_BY	14.11	54.11	31376.33	300.0	5.0	109.0	520.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW24L:PNDAAH CR:TCATE Criteria Failures

No failures.



# Route Evaluation for RW24R:PNDAAH CR:OTAYY

Required Engagement Climb Gradient (ft/NM): 500.0

## RW24R:PNDAAH CR:OTAYY 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				88.06	6.92	3.76
TF	HAYNK	FLY_BY				30.73	5.47	4.94
TF	PEVEE	FLY_BY				28.72	10.38	4.05
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.87
TF	NNICE	FLY_BY				21.02	9.0	8.16
TF	PNDAAH	FLY_BY	+20000.0			1.62	24.61	8.16
TF	OTAYY	FLY_BY					40.67	1.0

## RW24R:PNDAAH CR:OTAYY 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	3.76	3.89	5449.35	265.0	25.0	58.0	295.0	353.0
TF	HAYNK	FLY_BY	3.76	3.89	5449.35	265.0	25.0	58.0	295.0	353.0	1.18	4.3	8183.05	265.0	25.0	63.0	308.0	371.0
TF	PEVEE	FLY_BY	1.18	4.3	8183.05	265.0	25.0	63.0	308.0	371.0	2.87	11.22	12361.24	300.0	14.36	71.0	373.0	444.0
TF	TANNN	FLY_BY	2.87	11.22	12361.24	300.0	14.36	71.0	373.0	444.0	0.07	38.86	19676.09	300.0	5.0	86.0	421.0	483.0
TF	NNICE	FLY_BY	0.07	38.86	19676.09	300.0	5.0	86.0	421.0	483.0	8.16	44.0	22829.3	300.0	5.0	92.0	445.0	514.0
TF	PNDAAH	FLY_BY	8.16	44.0	22829.3	300.0	5.0	92.0	445.0	514.0	0.76	54.11	31454.63	300.0	5.0	109.0	520.0	570.0
TF	OTAYY	FLY_BY	0.76	54.11	31454.63	300.0	5.0	109.0	520.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW24R:PNDAAH CR:OTAYY Criteria Failures

No failures.

# Route Evaluation for RW24R:PNDAAH CR:TCATE

Required Engagement Climb Gradient (ft/NM): 500.0

## RW24R:PNDAAH CR:TCATE 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				88.06	6.92	3.76
TF	HAYNK	FLY_BY				30.73	5.47	4.94
TF	PEVEE	FLY_BY				28.72	10.38	4.05
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.87
TF	NNICE	FLY_BY				21.02	9.0	8.16
TF	PNDAAH	FLY_BY	+20000.0			29.23	24.61	22.27
TF	TCATE	FLY_BY					63.31	14.11

## RW24R:PNDAAH CR:TCATE 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	3.76	3.89	5449.35	265.0	25.0	58.0	295.0	353.0
TF	HAYNK	FLY_BY	3.76	3.89	5449.35	265.0	25.0	58.0	295.0	353.0	1.18	4.3	8183.05	265.0	25.0	63.0	308.0	371.0
TF	PEVEE	FLY_BY	1.18	4.3	8183.05	265.0	25.0	63.0	308.0	371.0	2.87	11.22	12361.24	300.0	14.36	71.0	373.0	444.0
TF	TANNN	FLY_BY	2.87	11.22	12361.24	300.0	14.36	71.0	373.0	444.0	0.07	38.86	19676.09	300.0	5.0	86.0	421.0	483.0
TF	NNICE	FLY_BY	0.07	38.86	19676.09	300.0	5.0	86.0	421.0	483.0	8.16	44.0	22829.3	300.0	5.0	92.0	445.0	514.0
TF	PNDAAH	FLY_BY	8.16	44.0	22829.3	300.0	5.0	92.0	445.0	514.0	14.11	54.11	31454.63	300.0	5.0	109.0	520.0	570.0
TF	TCATE	FLY_BY	14.11	54.11	31454.63	300.0	5.0	109.0	520.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW24R:PNDAAH CR:TCATE Criteria Failures

No failures.

# Route Evaluation for RW25L:PNDAAH CR:OTAYY

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25L:PNDAAH CR:OTAYY 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				64.06	4.69	2.35
TF	PEVEE	FLY_BY				50.15	9.93	4.46
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.11
TF	NNICE	FLY_BY				21.02	9.0	7.33
TF	PNDAAH	FLY_BY	+20000.0			1.62	24.61	7.33
TF	OTAYY	FLY_BY					40.67	1.0

## RW25L:PNDAAH CR:OTAYY 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	2.35	3.76	4494.62	265.0	25.0	56.0	291.0	347.0
TF	PEVEE	FLY_BY	2.35	3.76	4494.62	265.0	25.0	56.0	291.0	347.0	2.11	4.51	9461.0	265.0	25.0	66.0	314.0	380.0
TF	TANNN	FLY_BY	2.11	4.51	9461.0	265.0	25.0	66.0	314.0	380.0	0.35	194.75	16936.59	300.0	1.0	81.0	402.0	483.0
TF	NNICE	FLY_BY	0.35	194.75	16936.59	300.0	1.0	81.0	402.0	483.0	7.33	39.5	20089.38	300.0	5.0	87.0	424.0	487.0
TF	PNDAAH	FLY_BY	7.33	39.5	20089.38	300.0	5.0	87.0	424.0	487.0	0.76	54.11	28713.59	300.0	5.0	104.0	494.0	570.0
TF	OTAYY	FLY_BY	0.76	54.11	28713.59	300.0	5.0	104.0	494.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW25L:PNDAAH CR:OTAYY Criteria Failures

No failures.

# Route Evaluation for RW25L:PNDAAH CR:TCATE

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25L:PNDAAH CR:TCATE 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				64.06	4.69	2.35
TF	PEVEE	FLY_BY				50.15	9.93	4.46
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.11
TF	NNICE	FLY_BY				21.02	9.0	7.33
TF	PNDAAH	FLY_BY	+20000.0			29.23	24.61	21.44
TF	TCATE	FLY_BY					63.31	14.11

## RW25L:PNDAAH CR:TCATE 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	2.35	3.76	4494.62	265.0	25.0	56.0	291.0	347.0
TF	PEVEE	FLY_BY	2.35	3.76	4494.62	265.0	25.0	56.0	291.0	347.0	2.11	4.51	9461.0	265.0	25.0	66.0	314.0	380.0
TF	TANNN	FLY_BY	2.11	4.51	9461.0	265.0	25.0	66.0	314.0	380.0	0.35	194.75	16936.59	300.0	1.0	81.0	402.0	483.0
TF	NNICE	FLY_BY	0.35	194.75	16936.59	300.0	1.0	81.0	402.0	483.0	7.33	39.5	20089.38	300.0	5.0	87.0	424.0	487.0
TF	PNDAAH	FLY_BY	7.33	39.5	20089.38	300.0	5.0	87.0	424.0	487.0	14.11	54.11	28713.59	300.0	5.0	104.0	494.0	570.0
TF	TCATE	FLY_BY	14.11	54.11	28713.59	300.0	5.0	104.0	494.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW25L:PNDAAH CR:TCATE Criteria Failures

No failures.

# Route Evaluation for RW25R:PNDAAH CR:OTAYY

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25R:PNDAAH CR:OTAYY 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				62.7	4.8	2.29
TF	PEVEE	FLY_BY				50.15	9.93	4.4
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.11
TF	NNICE	FLY_BY				21.02	9.0	7.33
TF	PNDAAH	FLY_BY	+20000.0			1.62	24.61	7.33
TF	OTAYY	FLY_BY					40.67	1.0

## RW25R:PNDAAH CR:OTAYY 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	2.29	3.76	4534.6	265.0	25.0	56.0	291.0	347.0
TF	PEVEE	FLY_BY	2.29	3.76	4534.6	265.0	25.0	56.0	291.0	347.0	2.11	4.51	9500.99	265.0	25.0	66.0	314.0	380.0
TF	TANNN	FLY_BY	2.11	4.51	9500.99	265.0	25.0	66.0	314.0	380.0	0.35	194.75	16964.6	300.0	1.0	81.0	402.0	483.0
TF	NNICE	FLY_BY	0.35	194.75	16964.6	300.0	1.0	81.0	402.0	483.0	7.33	39.5	20117.39	300.0	5.0	87.0	424.0	487.0
TF	PNDAAH	FLY_BY	7.33	39.5	20117.39	300.0	5.0	87.0	424.0	487.0	0.76	54.11	28741.61	300.0	5.0	104.0	495.0	570.0
TF	OTAYY	FLY_BY	0.76	54.11	28741.61	300.0	5.0	104.0	495.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW25R:PNDAAH CR:OTAYY Criteria Failures

No failures.

# Route Evaluation for RW25R:PNDAAH CR:TCATE

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25R:PNDAAH CR:TCATE 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				62.7	4.8	2.29
TF	PEVEE	FLY_BY				50.15	9.93	4.4
TF	TANNN	FLY_BY	+15000.0			0.2	20.88	2.11
TF	NNICE	FLY_BY				21.02	9.0	7.33
TF	PNDAAH	FLY_BY	+20000.0			29.23	24.61	21.44
TF	TCATE	FLY_BY					63.31	14.11

## RW25R:PNDAAH CR:TCATE 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	2.29	3.76	4534.6	265.0	25.0	56.0	291.0	347.0
TF	PEVEE	FLY_BY	2.29	3.76	4534.6	265.0	25.0	56.0	291.0	347.0	2.11	4.51	9500.99	265.0	25.0	66.0	314.0	380.0
TF	TANNN	FLY_BY	2.11	4.51	9500.99	265.0	25.0	66.0	314.0	380.0	0.35	194.75	16964.6	300.0	1.0	81.0	402.0	483.0
TF	NNICE	FLY_BY	0.35	194.75	16964.6	300.0	1.0	81.0	402.0	483.0	7.33	39.5	20117.39	300.0	5.0	87.0	424.0	487.0
TF	PNDAAH	FLY_BY	7.33	39.5	20117.39	300.0	5.0	87.0	424.0	487.0	14.11	54.11	28741.61	300.0	5.0	104.0	495.0	570.0
TF	TCATE	FLY_BY	14.11	54.11	28741.61	300.0	5.0	104.0	495.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW25R:PNDAAH CR:TCATE Criteria Failures

No failures.

## Evaluation Input

PNDAAH

Name:	RS Results PNDAAH from KLAX
Project:	LAX PNDAAH SID_Paperwork_12E-NEW24L_20160428
Last evaluated:	28-Apr-2016 10:48:29
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 OTAYY, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 9865.959262032062 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW24L and ending at OTAYY, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 16592.584224134684 is less than the Altitude Restriction 20000.0.

RDEW1: In the route beginning at RW24L and ending at TCATE, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 9865.959262032062 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW24L and ending at TCATE, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 16592.584224134684 is less than the Altitude Restriction 20000.0.

RDEW1: In the route beginning at RW24R and ending at OTAYY, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 9910.658901512623 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW24R and ending at OTAYY, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 16637.29824982956 is less than the Altitude Restriction 20000.0.

RDEW1: In the route beginning at RW24R and ending at TCATE, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 9910.658901512623 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW24R and ending at TCATE, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 16637.29824982956 is less than the Altitude Restriction 20000.0.

RDEW1: In the route beginning at RW25L and ending at OTAYY, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 8345.917664591223 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW25L and ending at OTAYY, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 15072.053413648158 is less than the Altitude Restriction 20000.0.

RDEW1: In the route beginning at RW25L and ending at TCATE, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 8345.917664591223 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW25L and ending at TCATE, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 15072.053413648158 is less than the Altitude Restriction 20000.0.

RDEW1: In the route beginning at RW25R and ending at OTAYY, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 8361.912927951664 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW25R and ending at OTAYY, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 15088.05382495746 is less than the Altitude Restriction 20000.0.

RDEW1: In the route beginning at RW25R and ending at TCATE, the Fix TANNN, has a Minimum Climb Gradient Calculation Altitude 8361.912927951664 is less than the Altitude Restriction 15000.0.

RDEW1: In the route beginning at RW25R and ending at TCATE, the Fix PNDAH, has a Minimum Climb Gradient Calculation Altitude 15088.05382495746 is less than the Altitude Restriction 20000.0.

Bank angle exception applied on leg ending at HAYNK.



## 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	04/28/2016
DOF	03/31/2016
AVNII_OFFLINE	N/A
AIRNAV2	04/28/2016
CIFP	04/28/2016

**Notes:**