

# LADYJ

## Point Of Contact

Organization Name - Southern California Metroplex

POC's Name - Robert E. Henry, SOCAL Metroplex Manager: Jose Gonzalez, SOCAL Metroplex NATCA CO-LEAD

Telephone Number - (661) 265-8434

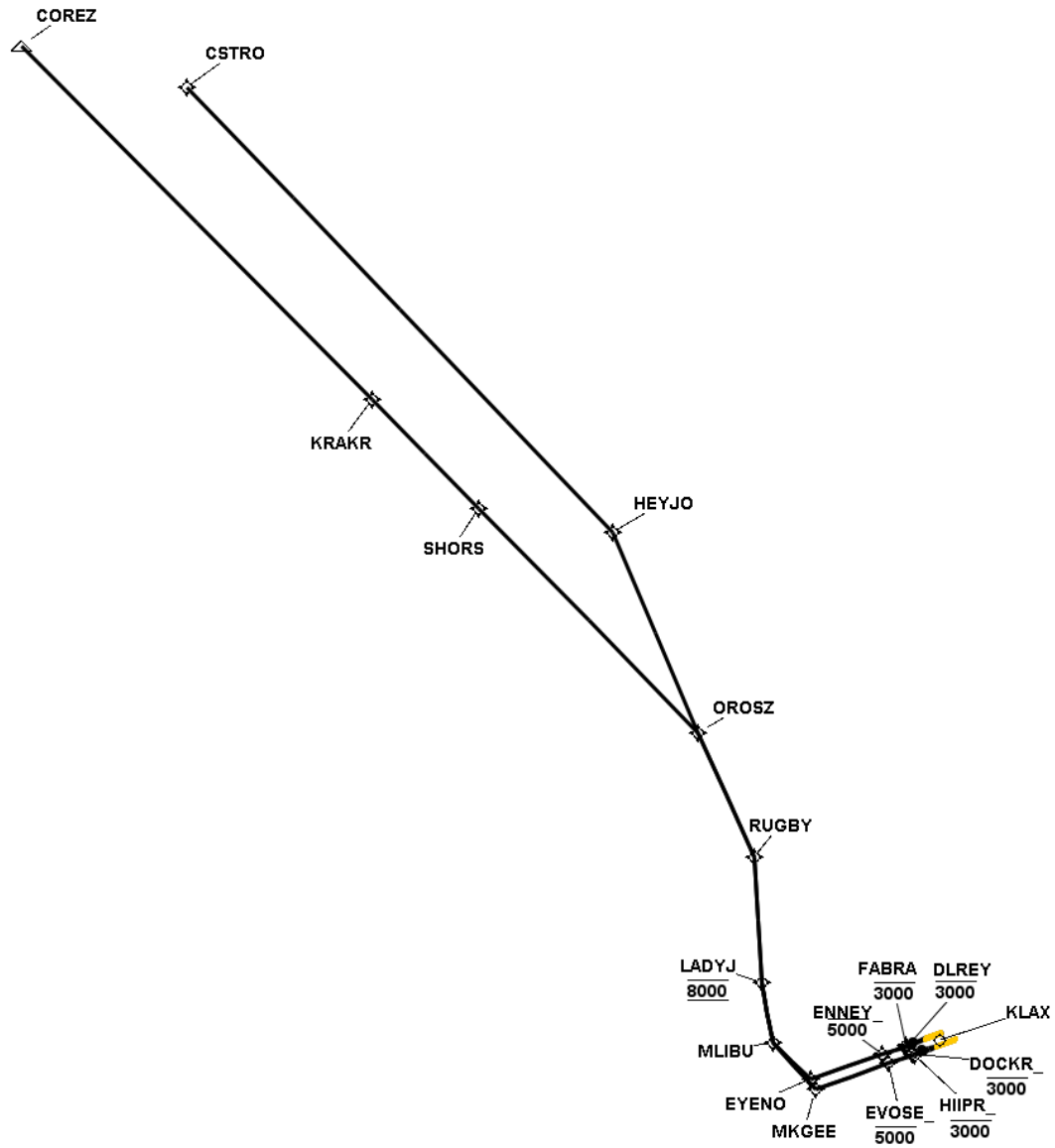
FAX Number - (661) 265-8338

Email Address - Robert.Henry@FAA.GOV; Jose.J.Gonzalez@FAA.GOV

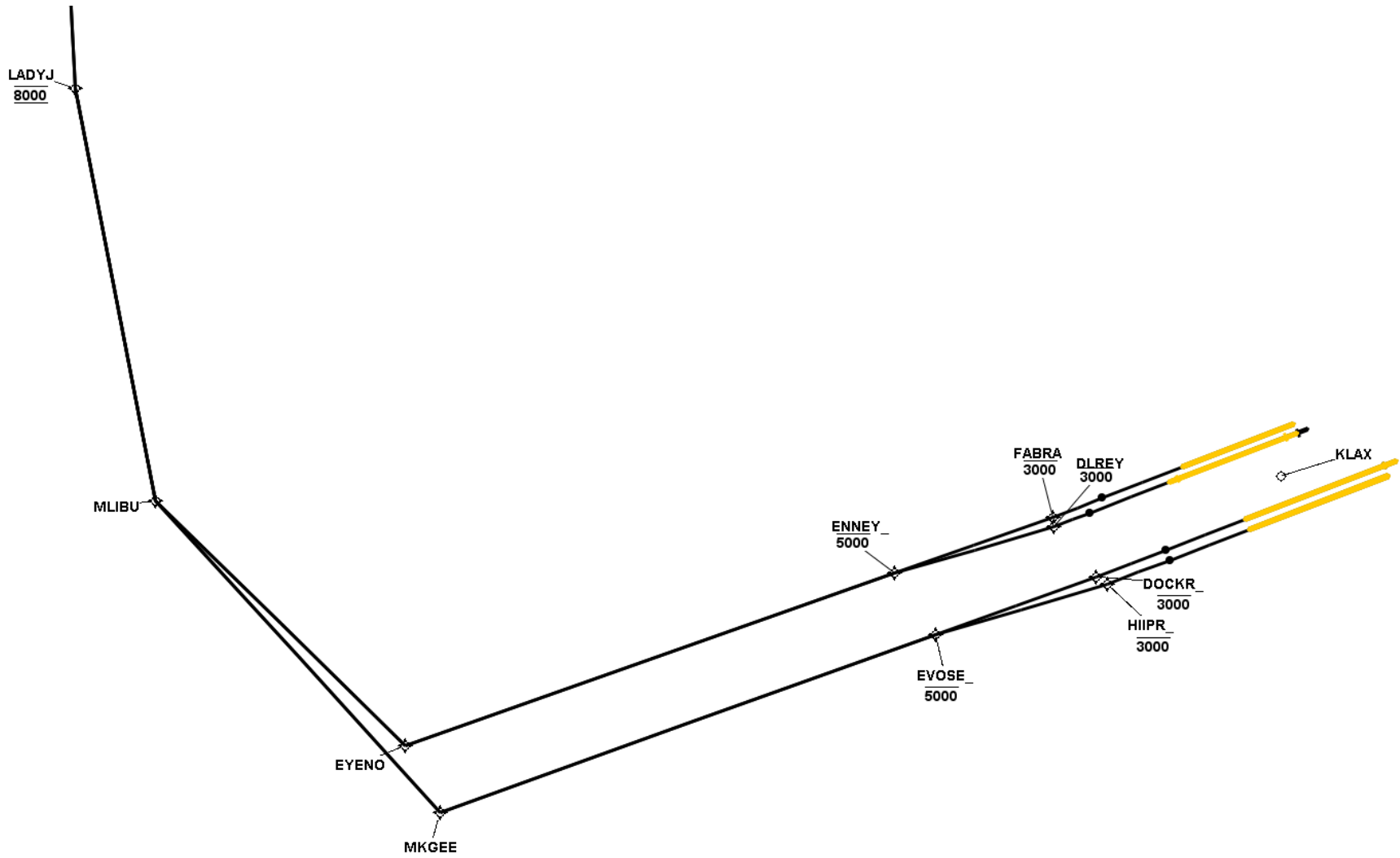
## TARGETS Distribution Package

Version:5.0.5.1

Date: Thu Apr 28 07:01:16 PDT 2016



LADYJ



LADYJ

### 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						
	EYENO WP	N33 55 57.24	W118 37 56.68	FB	TF	264.68	252.68	6.35							
	MLIBU WP	N33 59 33.54	W118 40 38.20	FB	TF	328.12	316.12	4.24							
	LADYJ WP	N34 04 37.90	W118 40 18.99	FB	TF	3.01	351.01	5.07	8000						

### 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						
	EYENO WP	N33 55 57.24	W118 37 56.68	FB	TF	264.68	252.68	6.35							
	MLIBU WP	N33 59 33.54	W118 40 38.20	FB	TF	328.12	316.12	4.24							
	LADYJ WP	N34 04 37.90	W118 40 18.99	FB	TF	3.01	351.01	5.07	8000						

### 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						
	EVOSE_ WP	N33 55 42.26	W118 29 59.03	FB	TF	267.75	255.75	2.19	-5000						
AVNIS	MKGEE WP	N33 55 04.00	W118 37 41.00	FB	TF	264.36	252.36	6.44							
	MLIBU WP	N33 59 33.54	W118 40 38.20	FB	TF	331.30	319.30	5.11							
	LADYJ WP	N34 04 37.90	W118 40 18.99	FB	TF	3.01	351.01	5.07	8000						

LADYJ

### 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						
	EVOSE_WP	N33 55 42.26	W118 29 59.03	FB	TF	264.35	252.35	2.09	-5000						
AVNIS	MKGEE WP	N33 55 04.00	W118 37 41.00	FB	TF	264.36	252.36	6.44							
	MLIBU WP	N33 59 33.54	W118 40 38.20	FB	TF	331.30	319.30	5.11							
	LADYJ WP	N34 04 37.90	W118 40 18.99	FB	TF	3.01	351.01	5.07	8000						

### En Route Transition Data - COREZ

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)
	LADYJ WP	N34 04 37.90	W118 40 18.99		IF				8000						
	RUGBY WP	N34 14 38.00	W118 37 57.00	FB	TF	11.12	359.12	10.18			8000				
AVNIS	OROSZ WP	N34 25 36.18	W118 40 27.01	FB	TF	349.31	337.31	11.14			10000				
	SHORS WP	N34 47 43.61	W118 56 07.37	FB	TF	329.72	317.72	25.60			12000				
	KRAKR WP	N34 58 30.50	W119 03 49.98	FB	TF	329.53	317.53	12.49			14000				
AVNIS	COREZ WP	N35 33 24.00	W119 29 01.98	FB	TF	329.48	317.48	40.49			14000				

### En Route Transition Data - CSTRO

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)
	LADYJ WP	N34 04 37.90	W118 40 18.99		IF				8000						
	RUGBY WP	N34 14 38.00	W118 37 57.00	FB	TF	11.12	359.12	10.18			8000				
AVNIS	OROSZ WP	N34 25 36.18	W118 40 27.01	FB	TF	349.31	337.31	11.14			10000				
	HEYJO WP	N34 43 10.33	W118 43 53.04	FB	TF	350.83	338.83	17.77			12000				
	CSTRO WP	N35 26 52.66	W119 14 07.00	FB	TF	330.52	318.52	50.20			14000				

LADYJ

## 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	COREZ WP		353324.00N-1192901.98W	N 35.5566667	W 119.4838833	N35 33.400	W119 29.033	N35 33 24.00	W119 29 01.98
	CSTRO WP		352652.66N-1191407.00W	N 35.4479611	W 119.2352778	N35 26.878	W119 14.117	N35 26 52.66	W119 14 07.00
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
	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
	EVOSE_ WP		335542.26N-1182959.03W	N 33.9284044	W 118.4997313	N33 55.704	W118 29.984	N33 55 42.26	W118 29 59.03
	EYENO WP		335557.24N-1183756.68W	N 33.9325678	W 118.6324117	N33 55.954	W118 37.945	N33 55 57.24	W118 37 56.68
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
	HEYJO WP		344310.33N-1184353.04W	N 34.7195361	W 118.7314000	N34 43.172	W118 43.884	N34 43 10.33	W118 43 53.04
	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
	KRAKR WP		345830.50N-1190349.98W	N 34.9751393	W 119.0638846	N34 58.508	W119 03.833	N34 58 30.50	W119 03 49.98
	LADYJ WP		340437.90N-1184018.99W	N 34.0771947	W 118.6719413	N34 04.632	W118 40.316	N34 04 37.90	W118 40 18.99
AVNIS	MKGEE WP		335504.00N-1183741.00W	N 33.9177778	W 118.6280556	N33 55.067	W118 37.683	N33 55 04.00	W118 37 41.00
	MLIBU WP		335933.54N-1184038.20W	N 33.9926507	W 118.6772783	N33 59.559	W118 40.637	N33 59 33.54	W118 40 38.20
AVNIS	OROSZ WP		342536.18N-1184027.01W	N 34.4267167	W 118.6741694	N34 25.603	W118 40.450	N34 25 36.18	W118 40 27.01
	RUGBY WP		341438.00N-1183757.00W	N 34.2438889	W 118.6325000	N34 14.633	W118 37.950	N34 14 38.00	W118 37 57.00
	SHORS WP		344743.61N-1185607.37W	N 34.7954469	W 118.9353812	N34 47.727	W118 56.123	N34 47 43.61	W118 56 07.37

## RS Results LADYJ from KLAX

Last Evaluation: 28-Apr-2016 06:57:32

Reference Software Version: 0.3.6

### Route Evaluation for RW24L:COREZ

Required Engagement Climb Gradient (ft/NM): 500.0

LADYJ

### RW24L:COREZ 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	EYENO	FLY_BY				63.51	6.35	2.37
TF	MLIBU	FLY_BY				34.91	4.24	3.67
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.3
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				19.57	11.14	6.13
TF	SHORS	FLY_BY				0.04	25.6	3.29
TF	KRAKR	FLY_BY				0.03	12.49	1.0
TF	COREZ	FLY_BY					40.49	1.0

### RW24L:COREZ 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	49.41	1891.56	265.0	1.62	30.0	280.0	310.0
TF	EYENO	FLY_BY	1.4	49.41	1891.56	265.0	1.62	30.0	280.0	310.0	2.37	3.83	5066.47	265.0	25.0	57.0	293.0	350.0
TF	MLIBU	FLY_BY	2.37	3.83	5066.47	265.0	25.0	57.0	293.0	350.0	1.3	4.14	7186.23	265.0	25.0	61.0	303.0	364.0
TF	LADYJ	FLY_BY	1.3	4.14	7186.23	265.0	25.0	61.0	303.0	364.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0
TF	SHORS	FLY_BY	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0
TF	KRAKR	FLY_BY	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0	0.0		29412.46	300.0	0.0	105.0	501.0	570.0
TF	COREZ	FLY_BY	0.0		29412.46	300.0	0.0	105.0	501.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

### RW24L:COREZ Criteria Failures

No failures.

# Route Evaluation for RW24L:CSTRO

Required Engagement Climb Gradient (ft/NM): 500.0

## RW24L:CSTRO 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	EYENO	FLY_BY				63.51	6.35	2.37
TF	MLIBU	FLY_BY				34.91	4.24	3.67
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.3
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				1.55	11.14	2.85
TF	HEYJO	FLY_BY				20.28	17.77	7.72
TF	CSTRO	FLY_BY					50.2	7.72

## RW24L:CSTRO 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	49.41	1891.56	265.0	1.62	30.0	280.0	310.0
TF	EYENO	FLY_BY	1.4	49.41	1891.56	265.0	1.62	30.0	280.0	310.0	2.37	3.83	5066.47	265.0	25.0	57.0	293.0	350.0
TF	MLIBU	FLY_BY	2.37	3.83	5066.47	265.0	25.0	57.0	293.0	350.0	1.3	4.14	7186.23	265.0	25.0	61.0	303.0	364.0
TF	LADYJ	FLY_BY	1.3	4.14	7186.23	265.0	25.0	61.0	303.0	364.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0
TF	HEYJO	FLY_BY	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0
TF	CSTRO	FLY_BY	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0	0.0		39885.51	300.0	0.0	126.0	614.0	570.0

## RW24L:CSTRO Criteria Failures

No failures.



# Route Evaluation for RW24R:COREZ

Required Engagement Climb Gradient (ft/NM): 500.0

## RW24R:COREZ 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	EYENO	FLY_BY				63.51	6.35	2.38
TF	MLIBU	FLY_BY				34.91	4.24	3.69
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.31
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				19.57	11.14	6.13
TF	SHORS	FLY_BY				0.04	25.6	3.29
TF	KRAKR	FLY_BY				0.03	12.49	1.0
TF	COREZ	FLY_BY					40.49	1.0

## RW24R:COREZ 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	EYENO	FLY_BY	0.0		1986.59	265.0	0.0	30.0	280.0	310.0	2.38	3.85	5161.52	265.0	25.0	57.0	294.0	351.0
TF	MLIBU	FLY_BY	2.38	3.85	5161.52	265.0	25.0	57.0	294.0	351.0	1.31	4.16	7281.29	265.0	25.0	61.0	304.0	365.0
TF	LADYJ	FLY_BY	1.31	4.16	7281.29	265.0	25.0	61.0	304.0	365.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0
TF	SHORS	FLY_BY	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0
TF	KRAKR	FLY_BY	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0	0.0		29412.46	300.0	0.0	105.0	501.0	570.0
TF	COREZ	FLY_BY	0.0		29412.46	300.0	0.0	105.0	501.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW24R:COREZ Criteria Failures

No failures.

# Route Evaluation for RW24R:CSTRO

Required Engagement Climb Gradient (ft/NM): 500.0

## RW24R:CSTRO 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	EYENO	FLY_BY				63.51	6.35	2.38
TF	MLIBU	FLY_BY				34.91	4.24	3.69
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.31
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				1.55	11.14	2.85
TF	HEYJO	FLY_BY				20.28	17.77	7.72
TF	CSTRO	FLY_BY					50.2	7.72

## RW24R:CSTRO 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	EYENO	FLY_BY	0.0		1986.59	265.0	0.0	30.0	280.0	310.0	2.38	3.85	5161.52	265.0	25.0	57.0	294.0	351.0
TF	MLIBU	FLY_BY	2.38	3.85	5161.52	265.0	25.0	57.0	294.0	351.0	1.31	4.16	7281.29	265.0	25.0	61.0	304.0	365.0
TF	LADYJ	FLY_BY	1.31	4.16	7281.29	265.0	25.0	61.0	304.0	365.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0
TF	HEYJO	FLY_BY	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0
TF	CSTRO	FLY_BY	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0	0.0		39885.51	300.0	0.0	126.0	614.0	570.0

## RW24R:CSTRO Criteria Failures

No failures.

# Route Evaluation for RW25L:COREZ

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25L:COREZ 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			4.83	0.82	0.0
TF	EVOSE_	FLY_BY	-5000.0			3.36	2.19	1.0
TF	MKGEE	FLY_BY				67.01	6.44	2.58
TF	MLIBU	FLY_BY				31.74	5.11	3.79
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.22
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				19.57	11.14	6.13
TF	SHORS	FLY_BY				0.04	25.6	3.29
TF	KRAKR	FLY_BY				0.03	12.49	1.0
TF	COREZ	FLY_BY					40.49	1.0

## RW25L:COREZ 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	32.33	1051.78	265.0	2.42	30.0	276.0	306.0
TF	EVOSE_	FLY_BY	1.36	32.33	1051.78	265.0	2.42	30.0	276.0	306.0	1.61	54.79	2144.44	265.0	1.68	51.0	281.0	332.0
TF	MKGEE	FLY_BY	1.61	54.79	2144.44	265.0	1.68	51.0	281.0	332.0	2.58	3.89	5364.31	265.0	25.0	58.0	295.0	353.0
TF	MLIBU	FLY_BY	2.58	3.89	5364.31	265.0	25.0	58.0	295.0	353.0	1.22	4.28	7921.73	265.0	25.0	63.0	307.0	370.0
TF	LADYJ	FLY_BY	1.22	4.28	7921.73	265.0	25.0	63.0	307.0	370.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0
TF	SHORS	FLY_BY	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0
TF	KRAKR	FLY_BY	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0	0.0		29412.46	300.0	0.0	105.0	501.0	570.0
TF	COREZ	FLY_BY	0.0		29412.46	300.0	0.0	105.0	501.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW25L:COREZ Criteria Failures

No failures.

# Route Evaluation for RW25L:CSTRO

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25L:CSTRO 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			4.83	0.82	0.0
TF	EVOSE_	FLY_BY	-5000.0			3.36	2.19	1.0
TF	MKGEE	FLY_BY				67.01	6.44	2.58
TF	MLIBU	FLY_BY				31.74	5.11	3.79
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.22
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				1.55	11.14	2.85
TF	HEYJO	FLY_BY				20.28	17.77	7.72
TF	CSTRO	FLY_BY					50.2	7.72

## RW25L:CSTRO 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	32.33	1051.78	265.0	2.42	30.0	276.0	306.0
TF	EVOSE_	FLY_BY	1.36	32.33	1051.78	265.0	2.42	30.0	276.0	306.0	1.61	54.79	2144.44	265.0	1.68	51.0	281.0	332.0
TF	MKGEE	FLY_BY	1.61	54.79	2144.44	265.0	1.68	51.0	281.0	332.0	2.58	3.89	5364.31	265.0	25.0	58.0	295.0	353.0
TF	MLIBU	FLY_BY	2.58	3.89	5364.31	265.0	25.0	58.0	295.0	353.0	1.22	4.28	7921.73	265.0	25.0	63.0	307.0	370.0
TF	LADYJ	FLY_BY	1.22	4.28	7921.73	265.0	25.0	63.0	307.0	370.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0
TF	HEYJO	FLY_BY	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0
TF	CSTRO	FLY_BY	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0	0.0		39885.51	300.0	0.0	126.0	614.0	570.0

## RW25L:CSTRO Criteria Failures

No failures.

# Route Evaluation for RW25R:COREZ

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25R:COREZ 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			1.44	0.91	0.0
TF	EVOSE_	FLY_BY	-5000.0			0.04	2.09	1.0
TF	MKGEE	FLY_BY				67.01	6.44	2.58
TF	MLIBU	FLY_BY				31.74	5.11	3.79
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.22
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				19.57	11.14	6.13
TF	SHORS	FLY_BY				0.04	25.6	3.29
TF	KRAKR	FLY_BY				0.03	12.49	1.0
TF	COREZ	FLY_BY					40.49	1.0

## RW25R:COREZ 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	0.98	78.17	1095.29	265.0	1.0	30.0	276.0	306.0
TF	EVOSE_	FLY_BY	0.98	78.17	1095.29	265.0	1.0	30.0	276.0	306.0	0.03	92.02	2139.61	265.0	1.0	51.0	281.0	332.0
TF	MKGEE	FLY_BY	0.03	92.02	2139.61	265.0	1.0	51.0	281.0	332.0	2.58	3.89	5359.48	265.0	25.0	58.0	295.0	353.0
TF	MLIBU	FLY_BY	2.58	3.89	5359.48	265.0	25.0	58.0	295.0	353.0	1.22	4.28	7916.9	265.0	25.0	63.0	307.0	370.0
TF	LADYJ	FLY_BY	1.22	4.28	7916.9	265.0	25.0	63.0	307.0	370.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0
TF	SHORS	FLY_BY	3.29	19.07	16066.45	300.0	9.78	79.0	396.0	475.0	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0
TF	KRAKR	FLY_BY	0.02	47.85	25033.93	300.0	5.0	97.0	462.0	536.0	0.0		29412.46	300.0	0.0	105.0	501.0	570.0
TF	COREZ	FLY_BY	0.0		29412.46	300.0	0.0	105.0	501.0	570.0	0.0		41000.0	300.0	0.0	128.0	629.0	570.0

## RW25R:COREZ Criteria Failures

No failures.

# Route Evaluation for RW25R:CSTRO

Required Engagement Climb Gradient (ft/NM): 500.0

## RW25R:CSTRO 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			1.44	0.91	0.0
TF	EVOSE_	FLY_BY	-5000.0			0.04	2.09	1.0
TF	MKGEE	FLY_BY				67.01	6.44	2.58
TF	MLIBU	FLY_BY				31.74	5.11	3.79
TF	LADYJ	FLY_BY	8000.0			8.11	5.07	1.22
TF	RUGBY	FLY_BY				21.83	10.18	2.85
TF	OROSZ	FLY_BY				1.55	11.14	2.85
TF	HEYJO	FLY_BY				20.28	17.77	7.72
TF	CSTRO	FLY_BY					50.2	7.72

## RW25R:CSTRO 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	0.98	78.17	1095.29	265.0	1.0	30.0	276.0	306.0
TF	EVOSE_	FLY_BY	0.98	78.17	1095.29	265.0	1.0	30.0	276.0	306.0	0.03	92.02	2139.61	265.0	1.0	51.0	281.0	332.0
TF	MKGEE	FLY_BY	0.03	92.02	2139.61	265.0	1.0	51.0	281.0	332.0	2.58	3.89	5359.48	265.0	25.0	58.0	295.0	353.0
TF	MLIBU	FLY_BY	2.58	3.89	5359.48	265.0	25.0	58.0	295.0	353.0	1.22	4.28	7916.9	265.0	25.0	63.0	307.0	370.0
TF	LADYJ	FLY_BY	1.22	4.28	7916.9	265.0	25.0	63.0	307.0	370.0	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0
TF	RUGBY	FLY_BY	1.99	28.15	8000.0	265.0	4.05	63.0	307.0	370.0	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0
TF	OROSZ	FLY_BY	2.85	14.76	12163.15	300.0	10.92	71.0	371.0	442.0	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0
TF	HEYJO	FLY_BY	2.55	188.36	16066.45	300.0	1.0	79.0	396.0	475.0	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0
TF	CSTRO	FLY_BY	7.72	43.15	22290.71	300.0	5.0	91.0	440.0	509.0	0.0		39885.51	300.0	0.0	126.0	614.0	570.0

## RW25R:CSTRO Criteria Failures

No failures.

## Evaluation Input

LADYJ

Name:	RS Results LADYJ from KLAX
Project:	LAX LADYJ SID_Paperwork_12E-NEW24L_20160428_RUGBY
Last evaluated:	28-Apr-2016 06:57:32
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 COREZ, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4272.55527625978 is less than the Altitude Restriction 8000.0.  
RDEW1: In the route beginning at RW24L and ending at CSTRO, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4272.55527625978 is less than the Altitude Restriction 8000.0.  
RDEW1: In the route beginning at RW24R and ending at COREZ, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4310.574156865478 is less than the Altitude Restriction 8000.0.  
RDEW1: In the route beginning at RW24R and ending at CSTRO, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4310.574156865478 is less than the Altitude Restriction 8000.0.  
RDEW1: In the route beginning at RW25L and ending at COREZ, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4566.710823640227 is less than the Altitude Restriction 8000.0.  
RDEW1: In the route beginning at RW25L and ending at CSTRO, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4566.710823640227 is less than the Altitude Restriction 8000.0.  
RDEW1: In the route beginning at RW25R and ending at COREZ, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4564.777902588248 is less than the Altitude Restriction 8000.0.  
RDEW1: In the route beginning at RW25R and ending at CSTRO, the Fix LADYJ, has a Minimum Climb Gradient Calculation Altitude 4564.777902588248 is less than the Altitude Restriction 8000.0.  
Bank angle exception applied on leg ending at MLIBU.

## 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:**

LADYJ