

# GOATZ RNAV

## Point Of Contact

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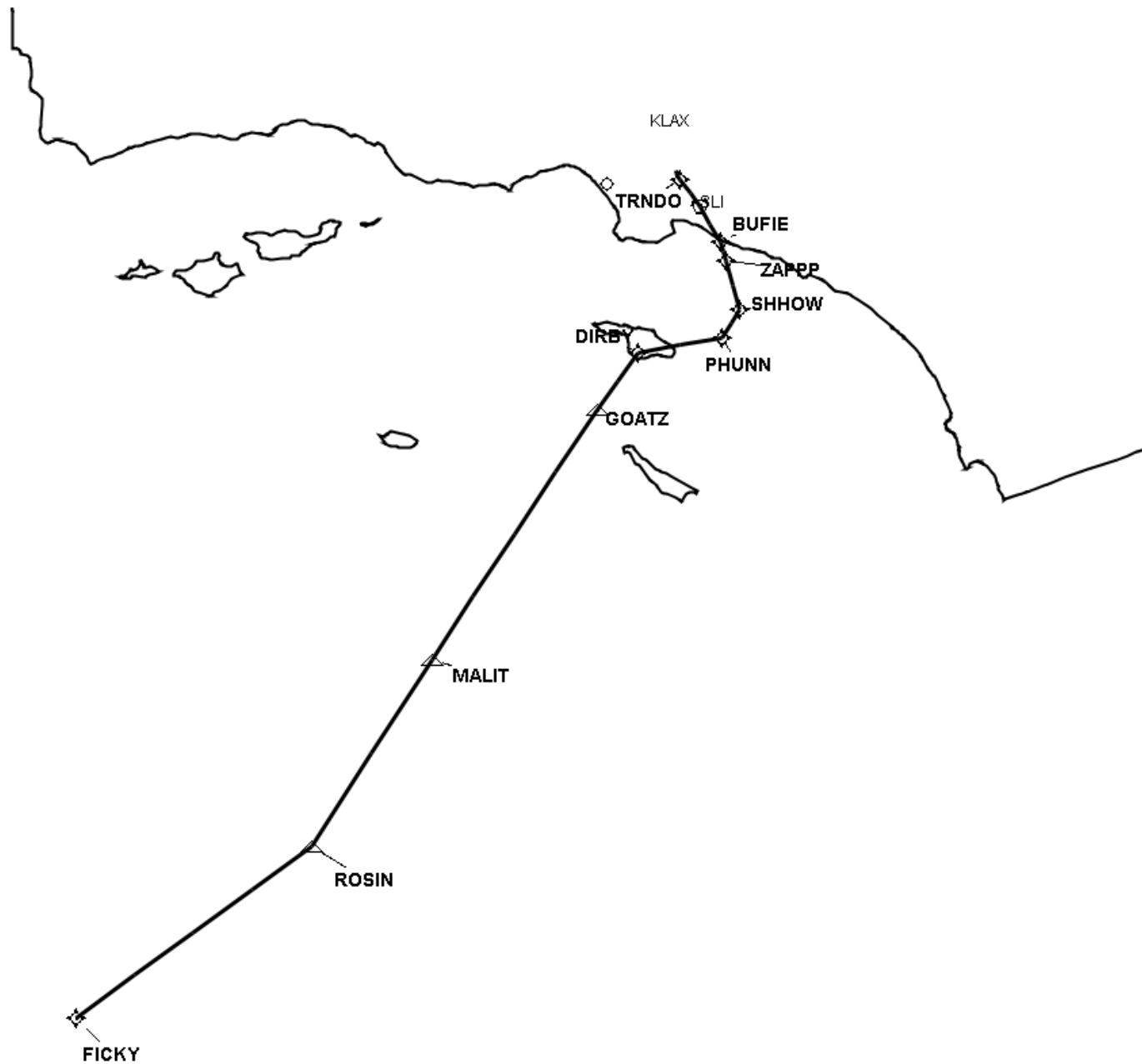
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## TARGETS Distribution Package

Version:5.0.4.1

Date: Thu Jul 23 11:39:39 AKDT 2015



GOATZ RNAV

## En Route Transition Data - ROSIN

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	FICKY WP	N31 33 27.38	W121 23 30.47		IF										
AVNIS	ROSIN WP	N31 56 31.52	W120 16 06.32	FB	TF	67.88	55.88	61.91			16000	1300			
AVNIS	MALIT WP	N32 28 32.13	W119 35 28.25	FB	TF	47.00	35.00	47.00			16000	1300			
AVNIS	GOATZ WP	N33 11 05.47	W118 40 14.88	FB	TF	47.36	35.36	63.00			16000	1300			

## Common Route Data - Landing KLAX GOATZ

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	GOATZ WP	N33 11 05.47	W118 40 14.88		IF										
	DIRBY WP	N33 20 33.37	W118 26 56.76	FB	TF	49.67	37.67	14.62	+16000 -19000	280	16000	4300			
	PHUNN WP	N33 19 22.31	W118 05 53.82	FB	TF	93.74	81.74	17.68	-14000		9000	4300			
	SHHOW WP	N33 24 17.49	W117 59 47.90	FB	TF	46.10	34.10	7.09	-12000		9000	2300			
	ZAPPP WP	N33 34 57.30	W118 00 18.53	FB	TF	357.71	345.71	10.65	+9000		9000	2300			
AVNIS	BUFIE WP	N33 38 52.00	W118 00 29.00	FB	TF	357.86	345.86	3.91	-8000		7000	2500			
AVNIS	SLI VORTAC	N33 46 59.87	W118 03 17.12	FB	TF	343.95	331.95	8.45	7000	210	7000	2400			
	TRNDO WP	N33 53 31.42	W118 06 24.95	FB	TF	338.20	326.20	7.02	5000	210	5000	2400			

## 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	BUFIE WP		333852.00N-1180029.00W	N 33.6477778	W 118.0080556	N33 38.867	W118 00.483	N33 38 52.00	W118 00 29.00
	DIRBY WP		332033.37N-1182656.76W	N 33.3426041	W 118.4491003	N33 20.556	W118 26.946	N33 20 33.37	W118 26 56.76
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
AVNIS	GOATZ WP		331105.47N-1184014.88W	N 33.1848528	W 118.6708000	N33 11.091	W118 40.248	N33 11 05.47	W118 40 14.88
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
	PHUNN WP		331922.31N-1180553.82W	N 33.3228650	W 118.0982821	N33 19.372	W118 05.897	N33 19 22.31	W118 05 53.82
AVNIS	ROSIN WP		315631.52N-1201606.32W	N 31.9420889	W 120.2684222	N31 56.525	W120 16.105	N31 56 31.52	W120 16 06.32
	SHHOW WP		332417.49N-1175947.90W	N 33.4048593	W 117.9966397	N33 24.292	W117 59.798	N33 24 17.49	W117 59 47.90
AVNIS	SLI VORTAC		334659.87N-1180317.12W	N 33.7832972	W 118.0547556	N33 46.998	W118 03.285	N33 46 59.87	W118 03 17.12
	TRNDO WP		335331.42N-1180624.95W	N 33.8920604	W 118.1069296	N33 53.524	W118 06.416	N33 53 31.42	W118 06 24.95
	ZAPPP WP		333457.30N-1180018.53W	N 33.5825828	W 118.0051479	N33 34.955	W118 00.309	N33 34 57.30	W118 00 18.53

# RS Results Landing KLAX GOATZ

Last Evaluation: 23-Jul-2015 11:37:10  
Reference Software Version: 1.5.2

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# Route Evaluation for ROSIN:Landing KLAX GOATZ

## ROSIN:Landing KLAX GOATZ 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	FICKY						0.0	0.0
TF	ROSIN	FLY_BY				21.47	61.91	10.26
TF	MALIT	FLY_BY				0.0	47.0	10.26
TF	GOATZ	FLY_BY				1.81	63.0	1.0
TF	DIRBY	FLY_BY	+16000.0	-19000.0	280.0	43.94	14.62	3.12
TF	PHUNN	FLY_BY	-14000.0			47.83	17.68	5.79
TF	SHHOW	FLY_BY	-12000.0			48.45	7.09	5.17
TF	ZAPPP	FLY_BY	+9000.0			0.16	10.65	2.5
TF	BUFIE	FLY_BY	-8000.0			13.91	3.91	1.82
TF	SLI	FLY_BY	7000.0		210.0	5.72	8.45	1.82
TF	TRNDO	FLY_BY	5000.0		210.0	9.06	7.02	1.0

## ROSIN:Landing KLAX GOATZ 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	FICKY				0.0	0.0							0.0	0.0				
TF	ROSIN	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	10.26	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	MALIT	FLY_BY	10.26	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	0.0		37257.42	300.0	0.0	121.0	582.0	570.0
TF	GOATZ	FLY_BY	0.0		37257.42	300.0	0.0	121.0	582.0	570.0	0.66	41.81	21507.42	300.0	5.0	90.0	434.0	501.0
TF	DIRBY	FLY_BY	0.66	41.81	21507.42	300.0	5.0	90.0	434.0	501.0	3.12	7.74	17853.2	280.0	21.97	82.0	381.0	463.0
TF	PHUNN	FLY_BY	3.12	7.74	17853.2	280.0	21.97	82.0	381.0	463.0	2.67	6.02	13434.36	280.0	23.92	74.0	354.0	428.0
TF	SHHOW	FLY_BY	2.67	6.02	13434.36	280.0	23.92	74.0	354.0	428.0	2.5	5.55	11663.03	280.0	24.23	70.0	344.0	414.0
TF	ZAPPP	FLY_BY	2.5	5.55	11663.03	280.0	24.23	70.0	344.0	414.0	0.15	107.59	9000.0	250.0	1.0	65.0	294.0	359.0
TF	BUFIE	FLY_BY	0.15	107.59	9000.0	250.0	1.0	65.0	294.0	359.0	1.82	14.88	8000.0	250.0	6.96	63.0	290.0	353.0
TF	SLI	FLY_BY	1.82	14.88	8000.0	250.0	6.96	63.0	290.0	353.0	1.32	26.41	7000.0	210.0	2.86	61.0	240.0	301.0
TF	TRNDO	FLY_BY	1.32	26.41	7000.0	210.0	2.86	61.0	240.0	301.0	1.22	15.36	5000.0	210.0	4.53	57.0	232.0	289.0

## RO SIN:Landing KLAX GOATZ 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
FICKY	RO SIN	UDO 173	UDO	4D (+-250/+50)	N31° 45' 05.33"	W120° 43' 38.19"	219.0	false	P	1000.0		1219	1219.0	24-Jun-2015 13:20:29
RO SIN	MALIT	UDO 174	UDO	4D (+-250/+50)	N32° 12' 16.38"	W119° 52' 39.56"	219.0	false	P	1000.0		1219	1219.0	24-Jun-2015 13:20:46
MALIT	GOATZ	UDO 175	UDO	4D (+-250/+50)	N32° 40' 13.63"	W119° 16' 49.83"	219.0	false	P	1000.0		1219	1219.0	24-Jun-2015 13:21:04
GOATZ	DIRBY	TerrainPt_0_RO SIN:Landing KLAX GOATZ_GOATZ:DIRBY		4E (+-250/+125)	N33° 22' 30.00"	W118° 25' 12.00"	2070.21	true	P	2000.0		4271	4270.21	23-Jul-2015 11:38:37
DIRBY	PHUNN	TerrainPt_16_RO SIN:Landing KLAX GOATZ_DIRBY:PHUNN		4E (+-250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	23-Jul-2015 11:38:37
PHUNN	SHHOW	UDO 176	UDO	4D (+-250/+50)	N33° 22' 35.72"	W118° 02' 42.42"	219.0	true	P	2000.0		2219	2219.0	24-Jun-2015 13:21:32
SHHOW	ZAPPP	OBS-2286	AVNII	2C (+50/+20)	N33° 34' 47.45"	W117° 55' 46.42"	280.0	true	P	2000.0		2280	2280.0	24-Jun-2015 13:23:09
ZAPPP	BUFIE	06-000307	AVNII	5D (+-500/+50)	N33° 37' 56.00"	W117° 56' 15.00"	427.0	true	P	2000.0		2427	2427.0	24-Jun-2015 13:23:09
BUFIE	SLI	TerrainPt_14_RO SIN:Landing KLAX GOATZ_BUFIE:SLI		4E (+-250/+125)	N33° 40' 57.00"	W118° 00' 21.00"	131.23	true	P	2000.0		2332	2331.23	23-Jul-2015 11:38:37
SLI	TRNDO	TerrainPt_7_RO SIN:Landing KLAX GOATZ_SLI:TRNDO		4E (+-250/+125)	N33° 54' 57.00"	W118° 04' 48.00"	124.67	true	P	2000.0		2325	2324.67	23-Jul-2015 11:38:37

## RO SIN:Landing KLAX GOATZ Criteria Failures

No failures.

### Evaluation Input

Name:	RS Results Landing KLAX GOATZ
Project:	LAX GOATZ STAR 20150709(14E)_FINAL
Last evaluated:	23-Jul-2015 11:37:10
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

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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	07/23/2015
DOF	06/25/2015
AVNII_OFFLINE	N/A
AVNII	07/23/2015
CIFP	07/23/2015

**Notes:**

Artificial obstacles with an elevation of 219 FT applied beneath portion of procedure over Pacific Ocean per FPT instruction.