

# **ONT KARLB STAR\_FINAL\_SUBMITTED**

**Point Of Contact**

**Organization Name - Southern California Metroplex**

**POC's Name - Robert E. Henry-Metroplex Lead/Jose Gonzalez-NATCA Co-Lead**

**Telephone Number - (661) 265-8434**

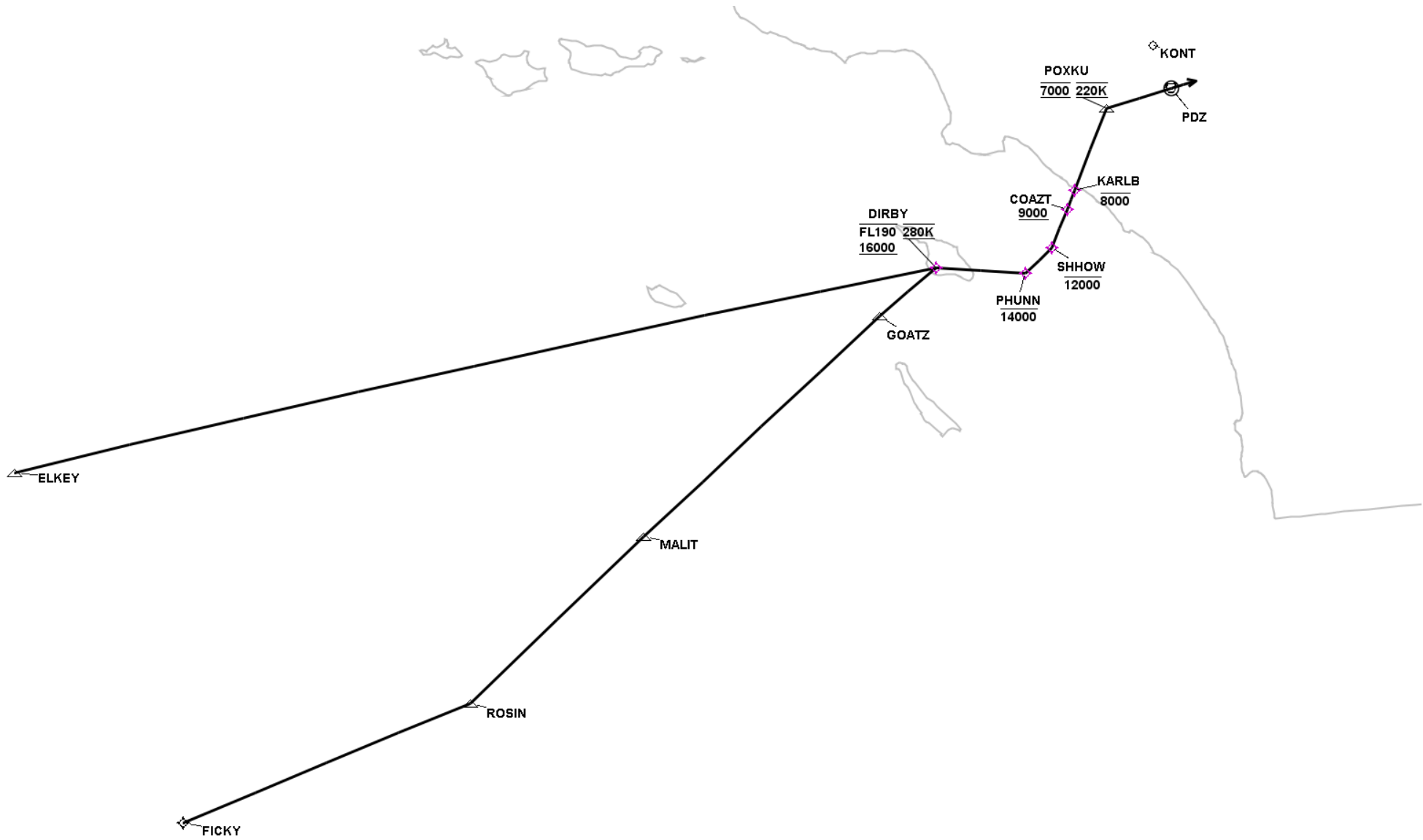
**FAX Number - 661-265-8338**

**Email Address - Robert.Henry@faa.gov;Jose.J.Gonzalez@faa.gov**

**TARGETS Distribution Package**

**Version:5.0.4.1**

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### En Route Transition Data - ELKEY

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	ELKEY WP	N32 41 00.11	W122 03 03.63		IF										
	DIRBY WP	N33 20 33.37	W118 26 56.76	FB	TF	76.77	64.77	185.96	+16000 -19000	280	16000	4300			

### En Route Transition Data - FICKY

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	ROVIN WP	N31 56 31.52	W120 16 06.32	FB	TF	67.88	55.88	61.91			19000				
AVNIS	MALIT WP	N32 28 32.13	W119 35 28.25	FB	TF	47.00	35.00	47.00			19000				
AVNIS	GOATZ WP	N33 11 05.47	W118 40 14.88	FB	TF	47.36	35.36	63.00			19000				
	DIRBY WP	N33 20 33.37	W118 26 56.76	FB	TF	49.67	37.67	14.62	+16000 -19000	280	16000	4300			

### Common Route Data - KONT DIRBY

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)
	DIRBY WP	N33 20 33.37	W118 26 56.76		IF				+16000 -19000	280					
	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			
	COAZT WP	N33 31 47.43	W117 56 13.01	FB	TF	21.80	9.80	8.06	+9000		9000	2300			
	KARLB WP	N33 35 24.77	W117 54 30.42	FB	TF	21.55	9.55	3.89	-8000		7000	3200			
AVNIS	POXKU WP	N33 51 13.47	W117 46 56.49	FB	TF	21.76	9.76	17.00	7000	220	7000	3500			
AVNIS	PDZ VORTAC	N33 55 06.01	W117 31 47.99	FO	TF	72.87	60.87	13.19			5200	5200			
AVNIS	PDZ VORTAC	N33 55 06.01	W117 31 47.99		FM	72.87	60.87								

## 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")
	COAZT WP		333147.43N-1175613.01W	N 33.5298429	W 117.9369461	N33 31.791	W117 56.217	N33 31 47.43	W117 56 13.01
	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	ELKEY WP		324100.11N-1220303.63W	N 32.6833639	W 122.0510083	N32 41.002	W122 03.060	N32 41 00.11	W122 03 03.63
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
	KARLB WP		333524.77N-1175430.42W	N 33.5902134	W 117.9084504	N33 35.413	W117 54.507	N33 35 24.77	W117 54 30.42
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	PDZ VORTAC		335506.01N-1173147.99W	N 33.9183361	W 117.5299972	N33 55.100	W117 31.800	N33 55 06.01	W117 31 47.99
	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	POXKU WP		335113.47N-1174656.49W	N 33.8537417	W 117.7823583	N33 51.225	W117 46.942	N33 51 13.47	W117 46 56.49
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	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

**No FAA checks included.**

**No TERPS Surfaces included.**

## Database Effective Dates

Database	Date
UddfObstacle	03/09/2015
Tiled AVNII	N/A
OEAAA	N/A
NFDC	10/15/2015
IFP_OFFLINE	N/A
AVNIS	11/17/2015
DOF	10/15/2015
AVNII_OFFLINE	N/A
AVNII	11/17/2015
CIFP	10/15/2015

**Notes:**

ELKEY and FICKY transitions over water. Sectional shown to the extent that it covers the procedure.  
Point obstacles added below portions of the track that is over water per FPT.