

SNSTT RNAV

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

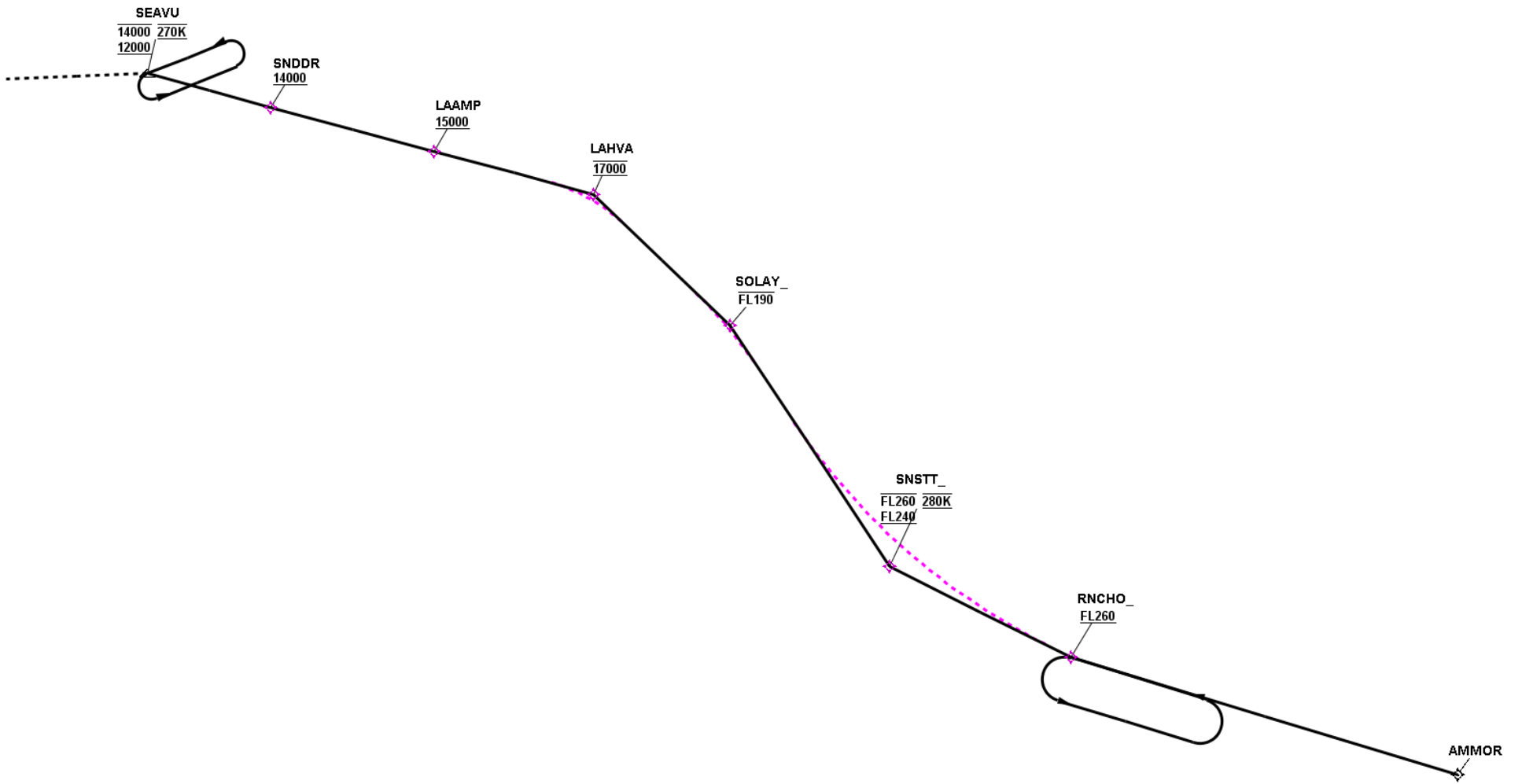
FAX Number - (661) 265-8338

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

TARGETS Distribution Package

Version:5.0.5

Date: Mon Apr 04 08:34:42 PDT 2016



SNSTT RNAV

Common Route Data - SNSTT

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)
	AMMOR WP	N32 48 16.06	W115 56 29.04		IF										
	RNCHO_ WP	N33 02 50.26	W116 25 40.49	FB	TF	300.75	288.75	28.55	+26000		16000	7600			
	RNCHO_ WP	N33 02 50.26	W116 25 40.49		HM	300.75	288.75	10.00							
	SNSTT_ WP	N33 12 08.21	W116 38 39.14	FB	TF	310.48	298.48	14.32	+24000 -26000	280	16000	8000			
	SOLAY_ WP	N33 31 15.26	W116 46 48.60	FB	TF	340.34	328.34	20.27	-19000		16000	8500			
	LAHVA WP	N33 42 29.10	W116 55 17.48	FB	TF	327.75	315.75	13.26	17000		16000	7900			
	LAAMP WP	N33 48 10.78	W117 07 26.60	FB	TF	299.35	287.35	11.62	+15000		14000	5600			
	SNDDR WP	N33 53 57.79	W117 19 54.52	FB	TF	299.14	287.14	11.88	+14000		8000	4900			
AVNIS	SEAVU WP	N33 58 20.69	W117 29 18.55	FB	TF	299.26	287.26	8.96	+12000 -14000	270	8000	4700			
AVNIS	SEAVU WP	N33 58 20.69	W117 29 18.55		HM	262.00	250.00	6.00							

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")
	AMMOR WP		324816.06N-1155629.04W	N 32.8044611	W 115.9414000	N32 48.268	W115 56.484	N32 48 16.06	W115 56 29.04
	LAAMP WP		334810.78N-1170726.60W	N 33.8029953	W 117.1240554	N33 48.180	W117 07.443	N33 48 10.78	W117 07 26.60
	LAHVA WP		334229.10N-1165517.48W	N 33.7080820	W 116.9215216	N33 42.485	W116 55.291	N33 42 29.10	W116 55 17.48
	RNCHO_ WP		330250.26N-1162540.49W	N 33.0472933	W 116.4279149	N33 02.838	W116 25.675	N33 02 50.26	W116 25 40.49
AVNIS	SEAVU WP		335820.69N-1172918.55W	N 33.9724139	W 117.4884861	N33 58.345	W117 29.309	N33 58 20.69	W117 29 18.55
	SNDDR WP		335357.79N-1171954.52W	N 33.8993861	W 117.3318111	N33 53.963	W117 19.909	N33 53 57.79	W117 19 54.52
	SNSTT_ WP		331208.21N-1163839.14W	N 33.2022798	W 116.6442050	N33 12.137	W116 38.652	N33 12 08.21	W116 38 39.14
	SOLAY_ WP		333115.26N-1164648.60W	N 33.5209047	W 116.7801654	N33 31.254	W116 46.810	N33 31 15.26	W116 46 48.60
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

RS Results SNSTT

Last Evaluation: 04-Apr-2016 08:26:00

Reference Software Version: 1.5.3

Route Evaluation for SNSTT

SNSTT 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	AMMOR						0.0	0.0
TF	RNCHO_	FLY_BY	+26000.0			9.99	28.55	1.0
TF	SNSTT_	FLY_BY	+24000.0	-26000.0	280.0	29.98	14.32	12.34
TF	SOLAY_	FLY_BY	-19000.0			12.51	20.27	15.6
TF	LAHVA	FLY_BY	17000.0			28.32	13.26	6.29
TF	LAAMP	FLY_BY	+15000.0			0.1	11.62	3.03
TF	SNDDR	FLY_BY	+14000.0			0.24	11.88	1.0
TF	SEAVU	FLY_BY	+12000.0	-14000.0	270.0	17.1	8.96	2.38

SNSTT 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	AMMOR				0.0	0.0							0.0	0.0				
TF	RNCHO_	FLY_BY	0.0		34783.52	300.0	0.0	116.0	555.0	570.0	4.6	52.61	27645.78	300.0	5.0	102.0	485.0	562.0
TF	SNSTT_	FLY_BY	4.6	52.61	27645.78	300.0	5.0	102.0	485.0	562.0	12.34	46.08	24066.97	280.0	5.0	95.0	424.0	526.0
TF	SOLAY_	FLY_BY	12.34	46.08	24066.97	280.0	5.0	95.0	424.0	526.0	3.26	29.75	19000.0	280.0	6.25	85.0	388.0	473.0
TF	LAHVA	FLY_BY	3.26	29.75	19000.0	280.0	6.25	85.0	388.0	473.0	3.03	12.01	17000.0	280.0	14.16	81.0	375.0	456.0
TF	LAAMP	FLY_BY	3.03	12.01	17000.0	280.0	14.16	81.0	375.0	456.0	0.16	173.59	17000.0	280.0	1.0	81.0	375.0	456.0
TF	SNDDR	FLY_BY	0.16	173.59	17000.0	280.0	1.0	81.0	375.0	456.0	0.33	157.24	14240.32	280.0	1.0	75.0	359.0	434.0
TF	SEAVU	FLY_BY	0.33	157.24	14240.32	280.0	1.0	75.0	359.0	434.0	2.38	15.82	12000.0	270.0	8.55	71.0	333.0	404.0

SNSTT 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
AMMOR	RNCHO_	TerrainPt_1_SNSTT_AMMOR:RNCHO_		4E (+-250/+125)	N33° 02' 57.00"	W116° 28' 30.00"	5367.45	true	P	2000.0		7568	7567.45	04-Apr-2016 08:26:38
RNCHO_	SNSTT_	TerrainPt_12_SNSTT_RNCHO_:SNSTT_		4E (+-250/+125)	N33° 09' 51.00"	W116° 37' 15.00"	5708.66	true	P	2000.0		7909	7908.66	04-Apr-2016 08:26:38
SNSTT_	SOLAY_	TerrainPt_35_SNSTT_SNSTT_:SOLAY_		4E (+-250/+125)	N33° 18' 18.00"	W116° 35' 06.00"	6200.79	true	P	2000.0		8401	8400.79	04-Apr-2016 08:26:38
SOLAY_	LAHVA	TerrainPt_40_SNSTT_SOLAY_:LAHVA		4E (+-250/+125)	N33° 35' 00.00"	W116° 47' 00.00"	5616.8	true	P	2000.0		7817	7816.8	04-Apr-2016 08:26:38
LAHVA	LAAMP	TerrainPt_6_SNSTT_LAHVA:LAAMP		4E (+-250/+125)	N33° 41' 15.00"	W116° 55' 36.00"	3339.9	true	P	2000.0		5540	5539.9	04-Apr-2016 08:26:38
LAAMP	SNDDR	TerrainPt_5_SNSTT_LAAMP:SNDDR		4E (+-250/+125)	N33° 50' 51.00"	W117° 09' 18.00"	2690.29	true	P	2000.0		4891	4890.29	04-Apr-2016 08:26:38
SNDDR	SEAVU	TerrainPt_31_SNSTT_SNDDR:SEAVU		4E (+-250/+125)	N33° 57' 39.00"	W117° 16' 51.00"	3080.71	true	S	1386.77		4668	4667.48	04-Apr-2016 08:26:38

SNSTT RNAV

SNSTT Criteria Failures

No failures.

Evaluation Input

Name:	RS Results SNSTT
Project:	LAX SNSTT STAR paperwork_20160404-AMMOR
Last evaluated:	04-Apr-2016 08:26:00
Evaluated obstacles?:	true
Obstacle Database:	AIRNAV2
Evaluated terrain?:	true
Worst Case Vegetation Height (ft) AGL:	0

Terrain Information

Terrain Extractor Name	Extractor Location	Extractor Type	Resolution
DTED 3 Sec	C:\Program Files (x86)\TARGETS\data\DTED-3Sec	org.mitre.caasd.terrain.DTEExtractor	3.0

Procedure Criteria Failures

RSO115: The Procedure Name must contain the name of a fix in the Common Route or the Common Point and either RNAV or RNP.

Evaluation Notes and Warnings

No failures.

Obstacles Requiring Accuracy Code Verification

None.

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

Notes: