

WEESL 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

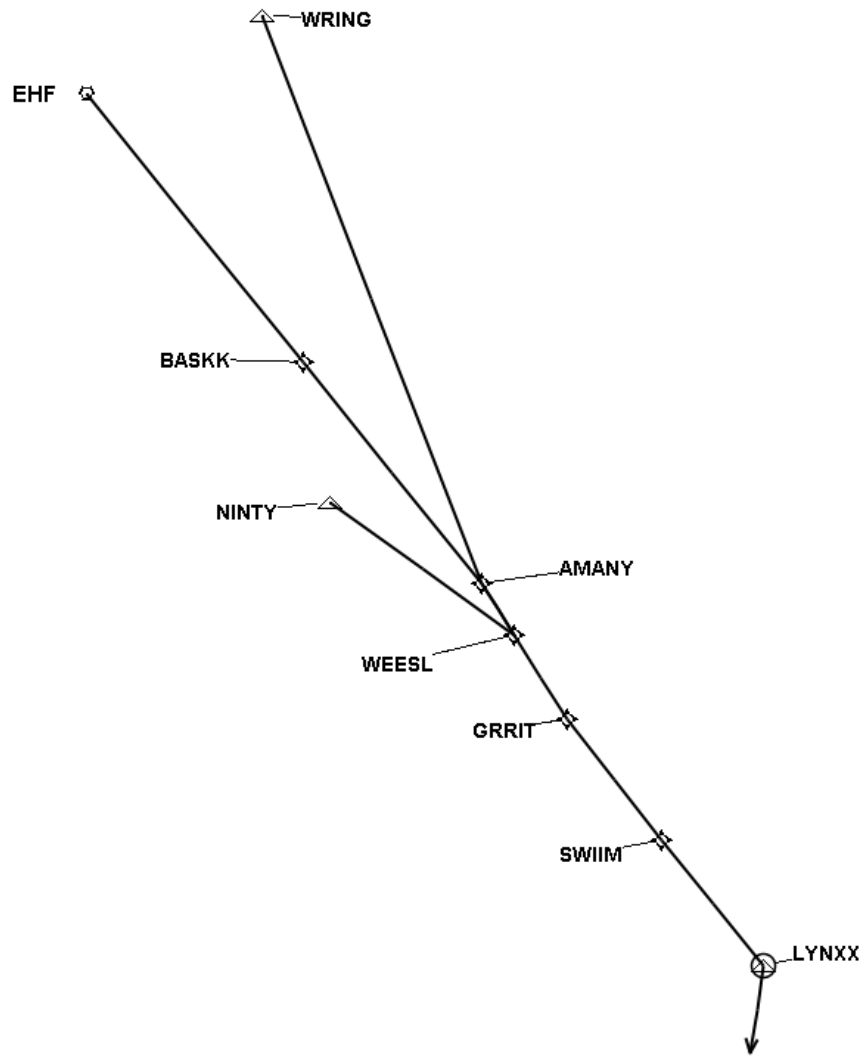
FAX Number - 661-265-8338

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

TARGETS Distribution Package

Version:5.0.4.1

Date: Wed Sep 23 12:09:15 PDT 2015



WEESL RNAV

En Route Transition Data - EHF

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	EHF VORTAC	N35 29 04.40	W119 05 50.27		IF										
	BASKK WP	N35 11 02.30	W118 55 58.00	FB	TF	155.80	143.80	19.74			9000	3200			
	AMANY WP	N34 56 08.36	W118 47 53.38	FB	TF	155.94	143.94	16.29			9000	7700			
	WEESL WP	N34 52 44.93	W118 46 36.79	FB	TF	162.76	150.76	3.54			9000	7800			

En Route Transition Data - NINTY

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	NINTY WP	N35 02 50.08	W118 56 41.40		IF										
	WEESL WP	N34 52 44.93	W118 46 36.79	FB	TF	140.51	128.51	13.04			9000	7800			

En Route Transition Data - WRING

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	WRING WP	N35 30 47.36	W118 52 29.86		IF										
	AMANY WP	N34 56 08.36	W118 47 53.38	FB	TF	173.75	161.75	34.80			9000	7700			
	WEESL WP	N34 52 44.93	W118 46 36.79	FB	TF	162.76	150.76	3.54			9000	7800			

Common Route Data - WEESL

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)
	WEESL WP	N34 52 44.93	W118 46 36.79		IF										
	GRRIT WP	N34 47 20.19	W118 44 30.47	FB	TF	162.21	150.21	5.67			9000	7800			
	SWIIM WP	N34 39 12.84	W118 40 18.59	FB	TF	156.87	144.87	8.82	9000		9000	8000			
AVNIS	LYNXX WP	N34 30 44.77	W118 35 41.91	FO	TF	155.73	143.73	9.27	9000		9000	8000			
AVNIS	LYNXX WP	N34 30 44.77	W118 35 41.91		FM	204.00	192.00								

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")
	AMANY WP		345608.36N-1184753.38W	N 34.9356549	W 118.7981607	N34 56.139	W118 47.890	N34 56 08.36	W118 47 53.38
	BASKK WP		351102.30N-1185558.00W	N 35.1839722	W 118.9327778	N35 11.038	W118 55.967	N35 11 02.30	W118 55 58.00
AVNIS	EHF VORTAC		352904.40N-1190550.27W	N 35.4845556	W 119.0972972	N35 29.073	W119 05.838	N35 29 04.40	W119 05 50.27
	GRRIT WP		344720.19N-1184430.47W	N 34.7889417	W 118.7417984	N34 47.337	W118 44.508	N34 47 20.19	W118 44 30.47
AVNIS	LYNXX WP		343044.77N-1183541.91W	N 34.5124361	W 118.5949750	N34 30.746	W118 35.698	N34 30 44.77	W118 35 41.91
AVNIS	NINTY WP		350250.08N-1185641.40W	N 35.0472444	W 118.9448333	N35 02.835	W118 56.690	N35 02 50.08	W118 56 41.40
	SWIIM WP		343912.84N-1184018.59W	N 34.6535669	W 118.6718311	N34 39.214	W118 40.310	N34 39 12.84	W118 40 18.59
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
	WEESL WP		345244.93N-1184636.79W	N 34.8791472	W 118.7768861	N34 52.749	W118 46.613	N34 52 44.93	W118 46 36.79
AVNIS	WRING WP		353047.36N-1185229.86W	N 35.5131556	W 118.8749611	N35 30.789	W118 52.498	N35 30 47.36	W118 52 29.86

RS Results WEESL

Last Evaluation: 23-Sep-2015 12:01:05
Reference Software Version: 1.5.2

Route Evaluation for EHF:WEESL

EHF:WEESL 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	EHF						0.0	0.0
TF	BASKK	FLY_BY				0.05	19.74	1.0
TF	AMANY	FLY_BY				6.75	16.29	1.0
TF	WEESL	FLY_BY				0.57	3.54	1.0
TF	GRRIT	FLY_BY				5.36	5.67	1.0
TF	SWIIM	FLY_BY	9000.0			1.18	8.82	1.0
TF	LYNXX	FLY_OVER	9000.0				9.27	1.0
FM							0.0	0.0

EHF:WEESL 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	EHF				0.0	0.0							0.0	0.0				
TF	BASKK	FLY_BY	0.0		22514.05	300.0	0.0	92.0	442.0	511.0	0.08	198.81	17580.27	300.0	1.0	82.0	406.0	488.0
TF	AMANY	FLY_BY	0.08	198.81	17580.27	300.0	1.0	82.0	406.0	488.0	3.0	50.94	13508.76	300.0	3.37	74.0	380.0	454.0
TF	WEESL	FLY_BY	3.0	50.94	13508.76	300.0	3.37	74.0	380.0	454.0	0.82	166.06	12622.76	300.0	1.0	72.0	374.0	446.0
TF	GRRIT	FLY_BY	0.82	166.06	12622.76	300.0	1.0	72.0	374.0	446.0	2.76	58.93	11204.12	300.0	2.68	69.0	366.0	435.0
TF	SWIIM	FLY_BY	2.76	58.93	11204.12	300.0	2.68	69.0	366.0	435.0	1.11	107.59	9000.0	250.0	1.0	65.0	294.0	359.0
TF	LYNXX	FLY_OVER	1.11	107.59	9000.0	250.0	1.0	65.0	294.0	359.0	0.0		9000.0	250.0	0.0	65.0	294.0	359.0
FM			0.0		9000.0	250.0	0.0	65.0	294.0	359.0			0.0	0.0				

EHF:WEESL 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
EHF	BASKK	TerrainPt_15_EHF:WEESL_EHF:BASKK		4E (+-250/+125)	N35° 27' 57.00"	W119° 00' 51.00"	958.01	true	P	2000.0		3159	3158.01	23-Sep-2015 12:01:57
BASKK	AMANY	TerrainPt_38_EHF:WEESL_BASKK:AMANY		4E (+-250/+125)	N34° 56' 45.00"	W118° 40' 36.00"	6410.76	true	S	1023.7		7635	7634.46	23-Sep-2015 12:01:57
AMANY	WEESL	TerrainPt_36_EHF:WEESL_AMANY:WEESL		4E (+-250/+125)	N34° 54' 00.00"	W118° 42' 00.00"	5554.46	true	P	2000.0		7755	7754.46	23-Sep-2015 12:01:57
WEESL	GRRIT	TerrainPt_49_EHF:WEESL_WEE SL:GRRIT		4E (+-250/+125)	N34° 54' 00.00"	W118° 42' 00.00"	5554.46	true	P	2000.0		7755	7754.46	23-Sep-2015 12:01:57
GRRIT	SWIIM	TerrainPt_10_EHF:WEESL_GRRIT:SWIIM		4E (+-250/+125)	N34° 42' 57.00"	W118° 39' 54.00"	5787.4	true	P	2000.0		7988	7987.4	23-Sep-2015 12:01:57
SWIIM	LYNXX	TerrainPt_18_EHF:WEESL_SWIIM:LYNXX		4E (+-250/+125)	N34° 42' 00.00"	W118° 37' 00.00"	5728.35	true	P	2000.0		7929	7928.35	23-Sep-2015 12:01:57

EHF:WEESL Criteria Failures

No failures.

Route Evaluation for NINTY:WEESL

NINTY:WEESL 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	NINTY						0.0	0.0
TF	WEESL	FLY_BY				21.6	13.04	2.9
TF	GRRIT	FLY_BY				5.36	5.67	2.9
TF	SWIIM	FLY_BY	9000.0			1.18	8.82	1.0
TF	LYNXX	FLY_OVER	9000.0				9.27	1.0
FM							0.0	0.0

NINTY:WEESL 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	NINTY				0.0	0.0							0.0	0.0					
TF	WEESL	FLY_BY	0.0		15882.25	300.0	0.0	78.0	395.0	473.0	2.9	15.2	12622.76	300.0	10.8	72.0	374.0	446.0	
TF	GRRIT	FLY_BY	2.9	15.2	12622.76	300.0	10.8	72.0	374.0	446.0	2.76	58.93	11204.12	300.0	2.68	69.0	366.0	435.0	
TF	SWIIM	FLY_BY	2.76	58.93	11204.12	300.0	2.68	69.0	366.0	435.0	1.11	107.59	9000.0	250.0	1.0	65.0	294.0	359.0	
TF	LYNXX	FLY_OVER	1.11	107.59	9000.0	250.0	1.0	65.0	294.0	359.0	0.0		9000.0	250.0	0.0	65.0	294.0	359.0	
FM			0.0		9000.0	250.0	0.0	65.0	294.0	359.0			0.0	0.0					

NINTY:WEESL 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
NINTY	WEESL	TerrainPt_50_NINTY:WEESL_NINTY:WEESL		4E (+-250/+125)	N34° 54' 00.00"	W118° 42' 00.00"	5554.46	true	P	2000.0		7755	7754.46	23-Sep-2015 12:01:57
WEESL	GRRIT	TerrainPt_49_EHF:WEESL_WEE SL:GRRIT		4E (+-250/+125)	N34° 54' 00.00"	W118° 42' 00.00"	5554.46	true	P	2000.0		7755	7754.46	23-Sep-2015 12:01:57
GRRIT	SWIIM	TerrainPt_10_EHF:WEESL_GRR IT:SWIIM		4E (+-250/+125)	N34° 42' 57.00"	W118° 39' 54.00"	5787.4	true	P	2000.0		7988	7987.4	23-Sep-2015 12:01:57
SWIIM	LYNXX	TerrainPt_18_EHF:WEESL_SWII M:LYNXX		4E (+-250/+125)	N34° 42' 00.00"	W118° 37' 00.00"	5728.35	true	P	2000.0		7929	7928.35	23-Sep-2015 12:01:57

NINTY:WEESL Criteria Failures

No failures.

Route Evaluation for WRING:WEESL

WRING:WEESL 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	WRING						0.0	0.0
TF	AMANY	FLY_BY				11.03	34.8	3.0
TF	WEESL	FLY_BY				0.57	3.54	3.0
TF	GRRIT	FLY_BY				5.36	5.67	1.0
TF	SWIIM	FLY_BY	9000.0			1.18	8.82	1.0
TF	LYNXX	FLY_OVER	9000.0				9.27	1.0
FM							0.0	0.0

WRING:WEESL 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	WRING				0.0	0.0							0.0	0.0				
TF	AMANY	FLY_BY	0.0		22208.95	300.0	0.0	91.0	440.0	508.0	3.0	31.1	13508.76	300.0	5.52	74.0	380.0	454.0
TF	WEESL	FLY_BY	3.0	31.1	13508.76	300.0	5.52	74.0	380.0	454.0	0.82	166.06	12622.76	300.0	1.0	72.0	374.0	446.0
TF	GRRIT	FLY_BY	0.82	166.06	12622.76	300.0	1.0	72.0	374.0	446.0	2.76	58.93	11204.12	300.0	2.68	69.0	366.0	435.0
TF	SWIIM	FLY_BY	2.76	58.93	11204.12	300.0	2.68	69.0	366.0	435.0	1.11	107.59	9000.0	250.0	1.0	65.0	294.0	359.0
TF	LYNXX	FLY_OVER	1.11	107.59	9000.0	250.0	1.0	65.0	294.0	359.0	0.0		9000.0	250.0	0.0	65.0	294.0	359.0
FM			0.0		9000.0	250.0	0.0	65.0	294.0	359.0			0.0	0.0				

WRING:WEESL 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
WRING	AMANY	TerrainPt_45_WRING:WEESL_WRING:AMANY		4E (+-250/+125)	N34° 56' 45.00"	W118° 40' 27.00"	6450.13	true	S	1016.55		7667	7666.68	23-Sep-2015 12:01:57
AMANY	WEESL	TerrainPt_36_EHF:WEESL_AMANY:WEESL		4E (+-250/+125)	N34° 54' 00.00"	W118° 42' 00.00"	5554.46	true	P	2000.0		7755	7754.46	23-Sep-2015 12:01:57
WEESL	GRRIT	TerrainPt_49_EHF:WEESL_WEE SL:GRRIT		4E (+-250/+125)	N34° 54' 00.00"	W118° 42' 00.00"	5554.46	true	P	2000.0		7755	7754.46	23-Sep-2015 12:01:57
GRRIT	SWIIM	TerrainPt_10_EHF:WEESL_GRRIT:SWIIM		4E (+-250/+125)	N34° 42' 57.00"	W118° 39' 54.00"	5787.4	true	P	2000.0		7988	7987.4	23-Sep-2015 12:01:57
SWIIM	LYNXX	TerrainPt_18_EHF:WEESL_SWIIM:LYNXX		4E (+-250/+125)	N34° 42' 00.00"	W118° 37' 00.00"	5728.35	true	P	2000.0		7929	7928.35	23-Sep-2015 12:01:57

WRING:WEESL Criteria Failures

No failures.

Evaluation Input

Name:	RS Results WEESL
Project:	BUR_VNY WEESL STAR_paperwork_20150514
Last evaluated:	23-Sep-2015 12:01:05
Evaluated obstacles?:	true
Obstacle Database:	AVNIS
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

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	08/20/2015
IFP_OFFLINE	N/A
AVNIS	09/23/2015
DOF	09/17/2015
AVNII_OFFLINE	N/A
AVNII	09/23/2015
CIFP	09/17/2015

Notes: