

SIZLR RNAV

Point Of Contact

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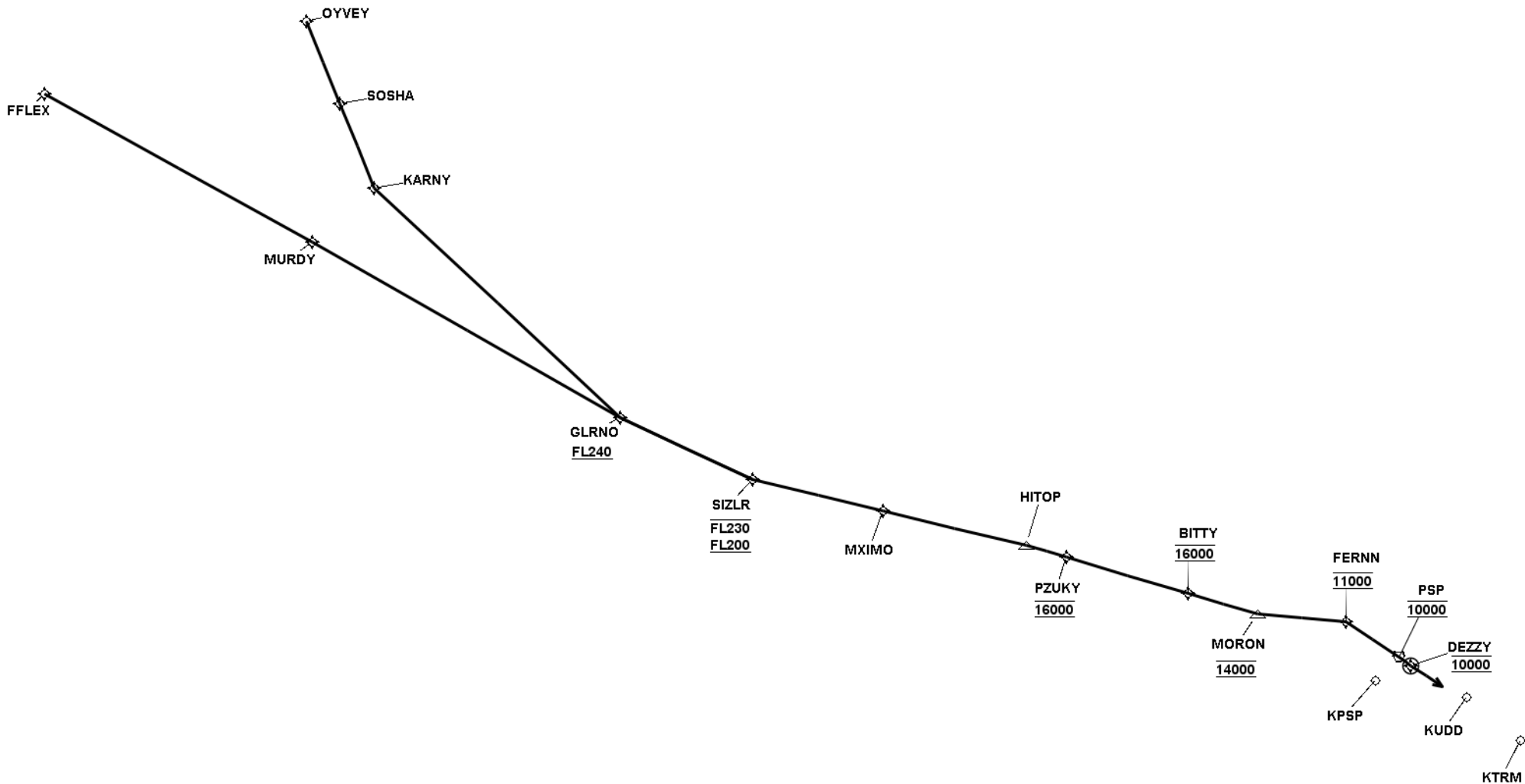
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TARGETS Distribution Package

Version:5.0.4.1

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SIZLR RNAV

En Route Transition Data - FFLEX

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)
	FFLEX WP	N35 46 26.42	W119 39 25.08		IF										
	MURDY WP	N35 18 58.60	W119 02 24.60	FB	TF	132.06	119.06	40.79			15000	2800			
	GLRNO WP	N34 46 51.00	W118 20 11.10	FB	TF	132.57	119.57	47.23	+24000		15000	10000			
	SIZLR WP	N34 34 45.43	W118 01 29.41	FB	TF	127.97	114.97	19.58	+20000 -23000		15000	6000			

En Route Transition Data - OYVEY

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)
	OYVEY WP	N35 47 59.00	W118 55 21.00		IF										
	SOSHA WP	N35 36 18.00	W118 53 03.00	FB	TF	170.87	157.87	11.82			15000	5700			
	KARNY WP	N35 24 11.50	W118 50 39.00	FB	TF	170.78	157.78	12.25			15000	5800			
	GLRNO WP	N34 46 51.00	W118 20 11.10	FB	TF	146.01	133.01	44.89	+24000		15000	10200			
	SIZLR WP	N34 34 45.43	W118 01 29.41	FB	TF	127.97	114.97	19.58	+20000 -23000		15000	6000			

Common Route Data - KPSP/KTRM/KUDD SIZLR

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)
	SIZLR WP	N34 34 45.43	W118 01 29.41		IF				+20000 -23000						
	MXIMO WP	N34 26 46.60	W117 42 01.29	FB	TF	116.25	103.25	17.95			15000	10500			
AVNIS	HITOP WP	N34 17 58.70	W117 20 33.18	FB	TF	116.20	103.20	19.82			15000	10900			
	PZUKY WP	N34 15 13.44	W117 14 37.96	FB	TF	119.24	106.24	5.62	16000		15000	8400			
	BITTY WP	N34 06 52.47	W116 56 51.44	FB	TF	119.39	106.39	16.94	16000		15000	12900			
AVNIS	MORON WP	N34 02 00.77	W116 46 27.66	FB	TF	119.29	106.29	9.91	14000		14000	13700			
	FERNN WP	N33 58 22.14	W116 32 49.39	FB	TF	107.72	94.72	11.91	11000		10000	9700			
AVNIS	PSP VORTAC	N33 52 12.05	W116 25 47.22	FB	TF	136.41	123.41	8.50	10000		5000	4600			
	DEZZY WP	N33 50 44.12	W116 24 08.96	FO	TF	137.00	124.00	2.00	10000		4000	3900			
	DEZZY WP	N33 50 44.12	W116 24 08.96		FM	137.00	124.00								

SIZLR RNAV

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")
	BITTY WP		340652.47N-1165651.44W	N 34.1145761	W 116.9476218	N34 06.875	W116 56.857	N34 06 52.47	W116 56 51.44
	DEZZY WP		335044.12N-1162408.96W	N 33.8455895	W 116.4024880	N33 50.735	W116 24.149	N33 50 44.12	W116 24 08.96
	FERNN WP		335822.14N-1163249.39W	N 33.9728168	W 116.5470523	N33 58.369	W116 32.823	N33 58 22.14	W116 32 49.39
	FFLEX WP		354626.42N-1193925.08W	N 35.7740053	W 119.6569663	N35 46.440	W119 39.418	N35 46 26.42	W119 39 25.08
	GLRNO WP		344651.00N-1182011.10W	N 34.7808333	W 118.3364167	N34 46.850	W118 20.185	N34 46 51.00	W118 20 11.10
AVNIS	HITOP WP		341758.70N-1172033.18W	N 34.2996389	W 117.3425500	N34 17.978	W117 20.553	N34 17 58.70	W117 20 33.18
	KARNY WP		352411.50N-1185039.00W	N 35.4031944	W 118.8441667	N35 24.192	W118 50.650	N35 24 11.50	W118 50 39.00
AVNIS	MORON WP		340200.77N-1164627.66W	N 34.0335472	W 116.7743500	N34 02.013	W116 46.461	N34 02 00.77	W116 46 27.66
	MURDY WP		351858.60N-1190224.60W	N 35.3162778	W 119.0401667	N35 18.977	W119 02.410	N35 18 58.60	W119 02 24.60
	MXIMO WP		342646.60N-1174201.29W	N 34.4462778	W 117.7003583	N34 26.777	W117 42.022	N34 26 46.60	W117 42 01.29
	OYVEY WP		354759.00N-1185521.00W	N 35.7997222	W 118.9225000	N35 47.983	W118 55.350	N35 47 59.00	W118 55 21.00
AVNIS	PSP VORTAC		335212.05N-1162547.22W	N 33.8700139	W 116.4297833	N33 52.201	W116 25.787	N33 52 12.05	W116 25 47.22
	PZUKY WP		341513.44N-1171437.96W	N 34.2537324	W 117.2438778	N34 15.224	W117 14.633	N34 15 13.44	W117 14 37.96
	SIZLR WP		343445.43N-1180129.41W	N 34.5792861	W 118.0248361	N34 34.757	W118 01.490	N34 34 45.43	W118 01 29.41
	SOSHA WP		353618.00N-1185303.00W	N 35.6050000	W 118.8841667	N35 36.300	W118 53.050	N35 36 18.00	W118 53 03.00

RS Results KPSP/KTRM/KUDD SIZLR

Last Evaluation: 21-Jul-2015 06:41:16
Reference Software Version: 1.5.2

Route Evaluation for FFLEX:KPSP/KTRM/KUDD SIZLR

SIZLR RNAV

FFLEX:KPSP/KTRM/KUDD SIZLR 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	FFLEX						0.0	0.0
TF	MURDY	FLY_BY				0.15	40.79	1.0
TF	GLRNO	FLY_BY	+24000.0			5.0	47.23	1.0
TF	SIZLR	FLY_BY	+20000.0	-23000.0		11.9	19.58	4.62
TF	MXIMO	FLY_BY				0.24	17.95	4.62
TF	HITOP	FLY_BY				2.84	19.82	1.0
TF	PZUKY	FLY_BY	16000.0			0.1	5.62	1.0
TF	BITTY	FLY_BY	16000.0			0.27	16.94	1.0
TF	MORON	FLY_BY	14000.0			11.66	9.91	3.06
TF	FERNN	FLY_BY	11000.0			28.56	11.91	5.8
TF	PSP	FLY_BY	10000.0			0.53	8.5	2.74
TF	DEZZY	FLY_OVER	10000.0				2.0	1.0
FM							0.0	0.0

FFLEX:KPSP/KTRM/KUDD SIZLR 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	FFLEX				0.0	0.0							0.0	0.0				
TF	MURDY	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.07	54.11	39703.07	300.0	5.0	126.0	612.0	570.0
TF	GLRNO	FLY_BY	0.07	54.11	39703.07	300.0	5.0	126.0	612.0	570.0	2.31	52.98	27895.53	300.0	5.0	102.0	487.0	564.0
TF	SIZLR	FLY_BY	2.31	52.98	27895.53	300.0	5.0	102.0	487.0	564.0	4.62	44.35	23000.0	300.0	5.0	93.0	446.0	516.0
TF	MXIMO	FLY_BY	4.62	44.35	23000.0	300.0	5.0	93.0	446.0	516.0	0.09	43.15	22361.66	300.0	5.0	91.0	441.0	509.0
TF	HITOP	FLY_BY	0.09	43.15	22361.66	300.0	5.0	91.0	441.0	509.0	3.44	138.94	17406.02	300.0	1.42	81.0	405.0	486.0
TF	PZUKY	FLY_BY	3.44	138.94	17406.02	300.0	1.42	81.0	405.0	486.0	0.16	188.36	16000.0	300.0	1.0	79.0	396.0	475.0
TF	BITTY	FLY_BY	0.16	188.36	16000.0	300.0	1.0	79.0	396.0	475.0	0.45	188.36	16000.0	300.0	1.0	79.0	396.0	475.0
TF	MORON	FLY_BY	0.45	188.36	16000.0	300.0	1.0	79.0	396.0	475.0	3.06	29.94	14000.0	300.0	5.83	75.0	383.0	458.0
TF	FERNN	FLY_BY	3.06	29.94	14000.0	300.0	5.83	75.0	383.0	458.0	2.74	10.78	11000.0	300.0	14.28	69.0	365.0	434.0
TF	PSP	FLY_BY	2.74	10.78	11000.0	300.0	14.28	69.0	365.0	434.0	0.69	151.5	10000.0	300.0	1.0	67.0	359.0	426.0
TF	DEZZY	FLY_OVER	0.69	151.5	10000.0	300.0	1.0	67.0	359.0	426.0	0.0		10000.0	300.0	0.0	67.0	359.0	426.0
FM			0.0		10000.0	300.0	0.0	67.0	359.0	426.0			0.0	0.0				

SIZLR RNAV

FFLEX:KPSP/KTRM/KUDD SIZLR 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
FFLEX	MURDY	06-002279	AVNII	3C (+- 100/+20)	N35° 31' 34.00"	W119° 18' 43.00"	728.0	true	P	2000.0		2728	2728.0	21-Jul-2015 06:42:14
MURDY	GLRNO	TerrainPt_19_FFLEX:KPSP/KTR M/KUDD SIZLR_MURDY:GLRNO		4E (+- 250/+125)	N35° 02' 27.00"	W118° 34' 18.00"	7765.75	true	P	2000.0		9966	9965.75	21-Jul-2015 06:45:04
GLRNO	SIZLR	TerrainPt_30_FFLEX:KPSP/KTR M/KUDD SIZLR_GLRNO:SIZLR		4E (+- 250/+125)	N34° 28' 48.00"	W118° 03' 12.00"	4744.09	true	S	1010.32		5955	5954.42	21-Jul-2015 06:45:04
SIZLR	MXIMO	TerrainPt_10_FFLEX:KPSP/KTR M/KUDD SIZLR_SIZLR:MXIMO		4E (+- 250/+125)	N34° 21' 39.00"	W117° 45' 48.00"	9215.88	true	S	1006.38		10423	10422.26	21-Jul-2015 06:45:04
MXIMO	HITOP	TerrainPt_22_FFLEX:KPSP/KTR M/KUDD SIZLR_MXIMO:HITOP		4E (+- 250/+125)	N34° 18' 48.00"	W117° 38' 39.00"	9655.51	true	S	1022.22		10878	10877.73	21-Jul-2015 06:45:04
HITOP	PZUKY	TerrainPt_12_FFLEX:KPSP/KTR M/KUDD SIZLR_HITOP:PZUKY		4E (+- 250/+125)	N34° 13' 54.00"	W117° 14' 06.00"	6154.86	true	P	2000.0		8355	8354.86	21-Jul-2015 06:45:04
PZUKY	BITTY	TerrainPt_35_FFLEX:KPSP/KTR M/KUDD SIZLR_PZUKY:BITTY		4E (+- 250/+125)	N34° 07' 18.00"	W116° 55' 21.00"	10636.48	true	P	2000.0		12837	12836.48	21-Jul-2015 06:45:05
BITTY	MORON	TerrainPt_0_FFLEX:KPSP/KTRM /KUDD SIZLR_BITTY:MORON		4E (+- 250/+125)	N34° 05' 48.00"	W116° 49' 42.00"	11407.48	true	P	2000.0		13608	13607.48	21-Jul-2015 06:45:05
MORON	FERNN	TerrainPt_21_FFLEX:KPSP/KTR M/KUDD SIZLR_MORON:FERNN		4E (+- 250/+125)	N34° 03' 36.00"	W116° 46' 48.00"	7460.63	true	P	2000.0		9661	9660.63	21-Jul-2015 06:45:05
FERNN	PSP	TerrainPt_21_FFLEX:KPSP/KTR M/KUDD SIZLR_FERNN:PSP		4E (+- 250/+125)	N34° 00' 09.00"	W116° 31' 48.00"	2345.8	true	P	2000.0		4546	4545.8	21-Jul-2015 06:45:05
PSP	DEZZY	TerrainPt_48_FFLEX:KPSP/KTR M/KUDD SIZLR_PSP:DEZZY		4E (+- 250/+125)	N33° 53' 18.00"	W116° 24' 12.00"	1656.82	true	P	2000.0		3857	3856.82	21-Jul-2015 06:45:05

FFLEX:KPSP/KTRM/KUDD SIZLR Criteria Failures

No failures.

Route Evaluation for OYVEY:KPSP/KTRM/KUDD SIZLR

OYVEY:KPSP/KTRM/KUDD SIZLR 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	OYVEY						0.0	0.0
TF	SOSHA	FLY_BY				0.11	11.82	1.0
TF	KARNY	FLY_BY				24.8	12.25	11.89
TF	GLRNO	FLY_BY	+24000.0			18.33	44.89	20.44
TF	SIZLR	FLY_BY	+20000.0	-23000.0		11.9	19.58	13.17
TF	MXIMO	FLY_BY				0.24	17.95	4.62
TF	HITOP	FLY_BY				2.84	19.82	1.0
TF	PZUKY	FLY_BY	16000.0			0.1	5.62	1.0
TF	BITTY	FLY_BY	16000.0			0.27	16.94	1.0
TF	MORON	FLY_BY	14000.0			11.66	9.91	3.06
TF	FERNN	FLY_BY	11000.0			28.56	11.91	5.8
TF	PSP	FLY_BY	10000.0			0.53	8.5	2.74
TF	DEZZY	FLY_OVER	10000.0				2.0	1.0
FM							0.0	0.0

OYVEY:KPSP/KTRM/KUDD SIZLR 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	OYVEY				0.0	0.0							0.0	0.0				
TF	SOSHA	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.05	54.11	41000.0	300.0	5.0	128.0	629.0	570.0
TF	KARNY	FLY_BY	0.05	54.11	41000.0	300.0	5.0	128.0	629.0	570.0	11.89	54.11	39117.48	300.0	5.0	124.0	605.0	570.0
TF	GLRNO	FLY_BY	11.89	54.11	39117.48	300.0	5.0	124.0	605.0	570.0	8.55	52.98	27895.53	300.0	5.0	102.0	487.0	564.0
TF	SIZLR	FLY_BY	8.55	52.98	27895.53	300.0	5.0	102.0	487.0	564.0	4.62	44.35	23000.0	300.0	5.0	93.0	446.0	516.0
TF	MXIMO	FLY_BY	4.62	44.35	23000.0	300.0	5.0	93.0	446.0	516.0	0.09	43.15	22361.66	300.0	5.0	91.0	441.0	509.0
TF	HITOP	FLY_BY	0.09	43.15	22361.66	300.0	5.0	91.0	441.0	509.0	3.44	138.94	17406.02	300.0	1.42	81.0	405.0	486.0
TF	PZUKY	FLY_BY	3.44	138.94	17406.02	300.0	1.42	81.0	405.0	486.0	0.16	188.36	16000.0	300.0	1.0	79.0	396.0	475.0
TF	BITTY	FLY_BY	0.16	188.36	16000.0	300.0	1.0	79.0	396.0	475.0	0.45	188.36	16000.0	300.0	1.0	79.0	396.0	475.0
TF	MORON	FLY_BY	0.45	188.36	16000.0	300.0	1.0	79.0	396.0	475.0	3.06	29.94	14000.0	300.0	5.83	75.0	383.0	458.0
TF	FERNN	FLY_BY	3.06	29.94	14000.0	300.0	5.83	75.0	383.0	458.0	2.74	10.78	11000.0	300.0	14.28	69.0	365.0	434.0
TF	PSP	FLY_BY	2.74	10.78	11000.0	300.0	14.28	69.0	365.0	434.0	0.69	151.5	10000.0	300.0	1.0	67.0	359.0	426.0
TF	DEZZY	FLY_OVER	0.69	151.5	10000.0	300.0	1.0	67.0	359.0	426.0	0.0		10000.0	300.0	0.0	67.0	359.0	426.0
FM			0.0		10000.0	300.0	0.0	67.0	359.0	426.0			0.0	0.0				

SIZLR RNAV

OYVEY:KPSP/KTRM/KUDD SIZLR 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
OYVEY	SOSHA	TerrainPt_46_OYVEY:KPSP/KTRM/KUDD SIZLR_OYVEY:SOSHA		4E (+-250/+125)	N35° 45' 39.00"	W118° 47' 27.00"	4409.45	true	S	1005.31		5615	5614.76	21-Jul-2015 06:45:05
SOSHA	KARNY	TerrainPt_55_OYVEY:KPSP/KTRM/KUDD SIZLR_SOSHA:KARNY		4E (+-250/+125)	N35° 26' 15.00"	W118° 44' 30.00"	3530.18	true	P	2000.0		5731	5730.18	21-Jul-2015 06:45:05
KARNY	GLRNO	TerrainPt_3_OYVEY:KPSP/KTRM/KUDD SIZLR_KARNY:GLRNO		4E (+-250/+125)	N35° 02' 00.00"	W118° 29' 15.00"	7979.0	true	P	2000.0		10180	10179.0	21-Jul-2015 06:45:05
GLRNO	SIZLR	TerrainPt_30_FFLEX:KPSP/KTRM/KUDD SIZLR_GLRNO:SIZLR		4E (+-250/+125)	N34° 28' 48.00"	W118° 03' 12.00"	4744.09	true	S	1010.32		5955	5954.42	21-Jul-2015 06:45:04
SIZLR	MXIMO	TerrainPt_10_FFLEX:KPSP/KTRM/KUDD SIZLR_SIZLR:MXIMO		4E (+-250/+125)	N34° 21' 39.00"	W117° 45' 48.00"	9215.88	true	S	1006.38		10423	10422.26	21-Jul-2015 06:45:04
MXIMO	HITOP	TerrainPt_22_FFLEX:KPSP/KTRM/KUDD SIZLR_MXIMO:HITOP		4E (+-250/+125)	N34° 18' 48.00"	W117° 38' 39.00"	9655.51	true	S	1022.22		10878	10877.73	21-Jul-2015 06:45:04
HITOP	PZUKY	TerrainPt_12_FFLEX:KPSP/KTRM/KUDD SIZLR_HITOP:PZUKY		4E (+-250/+125)	N34° 13' 54.00"	W117° 14' 06.00"	6154.86	true	P	2000.0		8355	8354.86	21-Jul-2015 06:45:04
PZUKY	BITTY	TerrainPt_35_FFLEX:KPSP/KTRM/KUDD SIZLR_PZUKY:BITTY		4E (+-250/+125)	N34° 07' 18.00"	W116° 55' 21.00"	10636.48	true	P	2000.0		12837	12836.48	21-Jul-2015 06:45:05
BITTY	MORON	TerrainPt_0_FFLEX:KPSP/KTRM/KUDD SIZLR_BITTY:MORON		4E (+-250/+125)	N34° 05' 48.00"	W116° 49' 42.00"	11407.48	true	P	2000.0		13608	13607.48	21-Jul-2015 06:45:05
MORON	FERNN	TerrainPt_21_FFLEX:KPSP/KTRM/KUDD SIZLR_MORON:FERNN		4E (+-250/+125)	N34° 03' 36.00"	W116° 46' 48.00"	7460.63	true	P	2000.0		9661	9660.63	21-Jul-2015 06:45:05
FERNN	PSP	TerrainPt_21_FFLEX:KPSP/KTRM/KUDD SIZLR_FERNN:PSP		4E (+-250/+125)	N34° 00' 09.00"	W116° 31' 48.00"	2345.8	true	P	2000.0		4546	4545.8	21-Jul-2015 06:45:05
PSP	DEZZY	TerrainPt_48_FFLEX:KPSP/KTRM/KUDD SIZLR_PSP:DEZZY		4E (+-250/+125)	N33° 53' 18.00"	W116° 24' 12.00"	1656.82	true	P	2000.0		3857	3856.82	21-Jul-2015 06:45:05

OYVEY:KPSP/KTRM/KUDD SIZLR Criteria Failures

No failures.

Evaluation Input

Name:	RS Results KPSP/KTRM/KUDD SIZLR
Project:	PSP_UDD_TRM SIZLR STAR paperwork_20150715
Last evaluated:	21-Jul-2015 06:41:16
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:\Program Files (x86)\TARGETS\data\DTED-3Sec	org.mitre.caasd.terrain.DTEExtractor	3.0

Procedure Criteria Failures

No failures.

Evaluation Notes and Warnings

CEW14: In the route beginning at OYVEY and ending at DEZZY, on the leg from SOSHA to KARNY an alternative OEA construction method was applied.

Obstacles Requiring Accuracy Code Verification

None.

Database Effective Dates

Database	Date
UddfObstacle	03/09/2015
Tiled AVNII	N/A
OEAAA	N/A
NFDC	06/25/2015
IFP_OFFLINE	N/A
AVNIS	07/21/2015
DOF	06/25/2015
AVNII_OFFLINE	N/A
AVNII	07/21/2015
CIFP	06/25/2015

Notes: