

THRNE RNAV

Point Of Contact

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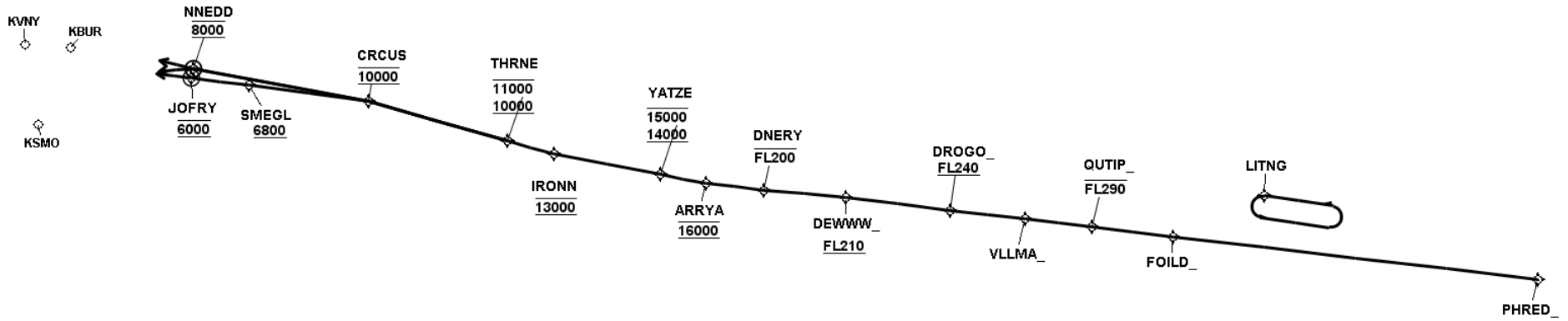
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TARGETS Distribution Package

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THRNE RNAV

En Route Transition Data - PHRED

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)
	PHRED_WP	N33 38 44.70	W114 07 18.30		IF										
	FOILD_WP	N33 44 48.96	W115 10 29.85	FB	TF	276.85	264.85	53.07			17000	5900			
	QUTIP_WP	N33 46 14.81	W115 24 36.17	FB	TF	276.99	264.99	11.85	-29000		17000	4600			
	VLLMA_WP	N33 47 26.21	W115 36 07.07	FB	TF	277.11	265.11	9.67			17000	6200			
	DROGO_WP	N33 48 42.05	W115 49 08.56	FB	TF	276.69	264.69	10.93	+24000		17000	7600			
	DEWWW_WP	N33 50 31.65	W116 07 17.85	FB	TF	276.96	264.96	15.23	+21000		17000	7700			
	DNERY_WP	N33 51 36.94	W116 21 29.39	FB	TF	275.32	263.32	11.87	-20000		13000	7700			
	ARRYA_WP	N33 52 34.36	W116 31 31.42	FB	TF	276.57	264.57	8.41	16000		13000	5500			
	YATZE_WP	N33 53 49.49	W116 39 26.31	FB	TF	280.78	268.78	6.71	+14000 -15000		13000	12300			
	IRONN_WP	N33 56 43.16	W116 57 47.10	FB	TF	280.80	268.80	15.54	13000		13000	12300			
	THRNE_WP	N33 58 38.23	W117 05 48.56	FB	TF	286.04	274.04	6.94	+10000 -11000		8000	7100			

Common Route Data - Landing KBUR THRNE

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)
	THRNE_WP	N33 58 38.23	W117 05 48.56		IF				+10000 -11000						
	CRCUS_WP	N34 04 23.53	W117 29 54.38	FB	TF	286.12	274.12	20.84	10000		8000	5300			
	NNEDD_WP	N34 09 02.59	W118 00 13.66	FO	TF	280.59	268.59	25.60	8000		8000	7000			
	NNEDD_WP	N34 09 02.59	W118 00 13.66		FM	265.00	253.00								

Common Route Data - Landing KSMO THRNE

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)
	THRNE_WP	N33 58 38.23	W117 05 48.56		IF				+10000 -11000						
	CRCUS_WP	N34 04 23.53	W117 29 54.38	FB	TF	286.12	274.12	20.84	10000		8000	5300			
	SMEGL_WP	N34 06 39.28	W117 50 36.78	FB	TF	277.58	265.58	17.34	+6800		6800	6800			
	JOFRY_WP	N34 07 42.84	W118 00 34.19	FO	TF	277.34	265.34	8.33	6000		6000	4300			
	JOFRY_WP	N34 07 42.84	W118 00 34.19		FM	277.34	265.34								

THRNE RNAV

Common Route Data - Landing KVMY THRNE

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)
	THRNE WP	N33 58 38.23	W117 05 48.56		IF				+10000 -11000						
	CRCUS WP	N34 04 23.53	W117 29 54.38	FB	TF	286.12	274.12	20.84	10000		8000	5300			
	NNEDD WP	N34 09 02.59	W118 00 13.66	FO	TF	280.59	268.59	25.60	8000		8000	7000			
	NNEDD WP	N34 09 02.59	W118 00 13.66		FM	284.00	272.00								

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")
	ARRYA WP		335234.36N-1163131.42W	N 33.8762107	W 116.5253939	N33 52.573	W116 31.524	N33 52 34.36	W116 31 31.42
	CRCUS WP		340423.53N-1172954.38W	N 34.0732035	W 117.4984382	N34 04.392	W117 29.906	N34 04 23.53	W117 29 54.38
	DEWWW_ WP		335031.65N-1160717.85W	N 33.8421239	W 116.1216261	N33 50.527	W116 07.298	N33 50 31.65	W116 07 17.85
	DNERY WP		335136.94N-1162129.39W	N 33.8602618	W 116.3581635	N33 51.616	W116 21.490	N33 51 36.94	W116 21 29.39
	DROGO_ WP		334842.05N-1154908.56W	N 33.8116801	W 115.8190441	N33 48.701	W115 49.143	N33 48 42.05	W115 49 08.56
	FOILD_ WP		334448.96N-1151029.85W	N 33.7469328	W 115.1749594	N33 44.816	W115 10.498	N33 44 48.96	W115 10 29.85
	IRONN WP		335643.16N-1165747.10W	N 33.9453211	W 116.9630823	N33 56.719	W116 57.785	N33 56 43.16	W116 57 47.10
	JOFRY WP		340742.84N-1180034.19W	N 34.1285667	W 118.0094983	N34 07.714	W118 00.570	N34 07 42.84	W118 00 34.19
	NNEDD WP		340902.59N-1180013.66W	N 34.1507181	W 118.0037955	N34 09.043	W118 00.228	N34 09 02.59	W118 00 13.66
	PHRED_ WP		333844.70N-1140718.30W	N 33.6457500	W 114.1217500	N33 38.745	W114 07.305	N33 38 44.70	W114 07 18.30
	QUTIP_ WP		334614.81N-1152436.17W	N 33.7707797	W 115.4100462	N33 46.247	W115 24.603	N33 46 14.81	W115 24 36.17
	SMEGL WP		340639.28N-1175036.78W	N 34.1109103	W 117.8435500	N34 06.655	W117 50.613	N34 06 39.28	W117 50 36.78
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
	THRNE WP		335838.23N-1170548.56W	N 33.9772862	W 117.0968232	N33 58.637	W117 05.809	N33 58 38.23	W117 05 48.56
	VLLMA_ WP		334726.21N-1153607.07W	N 33.7906132	W 115.6019647	N33 47.437	W115 36.118	N33 47 26.21	W115 36 07.07
	YATZE WP		335349.49N-1163926.31W	N 33.8970801	W 116.6573088	N33 53.825	W116 39.439	N33 53 49.49	W116 39 26.31

RS Results Landing KBUR THRNE

Last Evaluation: 12-Apr-2016 07:18:10
Reference Software Version: 1.5.3

Route Evaluation for PHRED:Landing KBUR THRNE

THRNE RNAV

PHRED:Landing KBUR THRNE 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	PHRED_						0.0	0.0
TF	FOILD_	FLY_BY				0.73	53.07	1.0
TF	QUTIP_	FLY_BY	-29000.0			0.25	11.85	1.0
TF	VLLMA_	FLY_BY				0.31	9.67	1.0
TF	DROGO_	FLY_BY	+24000.0			0.39	10.93	1.0
TF	DEWWW_	FLY_BY	+21000.0			1.47	15.23	1.0
TF	DNERY	FLY_BY	-20000.0			1.38	11.87	1.0
TF	ARRYA	FLY_BY	16000.0			4.3	8.41	1.0
TF	YATZE	FLY_BY	+14000.0	-15000.0		0.1	6.71	1.0
TF	IRONN	FLY_BY	13000.0			5.41	15.54	1.0
TF	THRNE	FLY_BY	+10000.0	-11000.0		0.15	6.94	1.0
TF	CRCUS	FLY_BY	10000.0			5.3	20.84	1.0
TF	NNEDD	FLY_OVER	8000.0				25.6	1.0
FM							0.0	0.0

PHRED:Landing KBUR THRNE 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	PHRED_				0.0	0.0							0.0	0.0				
TF	FOILD_	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.34	54.11	31961.61	300.0	5.0	110.0	525.0	570.0
TF	QUTIP_	FLY_BY	0.34	54.11	31961.61	300.0	5.0	110.0	525.0	570.0	0.12	54.11	29000.0	300.0	5.0	104.0	497.0	570.0
TF	VLLMA_	FLY_BY	0.12	54.11	29000.0	300.0	5.0	104.0	497.0	570.0	0.14	52.42	27610.02	300.0	5.0	102.0	484.0	561.0
TF	DROGO_	FLY_BY	0.14	52.42	27610.02	300.0	5.0	102.0	484.0	561.0	0.16	47.49	24878.27	300.0	5.0	96.0	461.0	534.0
TF	DEWWW_	FLY_BY	0.16	47.49	24878.27	300.0	5.0	96.0	461.0	534.0	0.53	40.98	21069.78	300.0	5.0	89.0	431.0	496.0
TF	DNERY	FLY_BY	0.53	40.98	21069.78	300.0	5.0	89.0	431.0	496.0	2.45	202.9	18102.34	300.0	1.0	83.0	410.0	493.0
TF	ARRYA	FLY_BY	2.45	202.9	18102.34	300.0	1.0	83.0	410.0	493.0	3.29	87.53	16000.0	300.0	2.15	79.0	396.0	475.0
TF	YATZE	FLY_BY	3.29	87.53	16000.0	300.0	2.15	79.0	396.0	475.0	0.15	181.29	15000.0	300.0	1.0	77.0	389.0	466.0
TF	IRONN	FLY_BY	0.15	181.29	15000.0	300.0	1.0	77.0	389.0	466.0	2.94	62.17	13000.0	300.0	2.71	73.0	376.0	449.0
TF	THRNE	FLY_BY	2.94	62.17	13000.0	300.0	2.71	73.0	376.0	449.0	0.21	157.24	11000.0	300.0	1.0	69.0	365.0	434.0
TF	CRCUS	FLY_BY	0.21	157.24	11000.0	300.0	1.0	69.0	365.0	434.0	2.64	57.11	10000.0	300.0	2.65	67.0	359.0	426.0
TF	NNEDD	FLY_OVER	2.64	57.11	10000.0	300.0	2.65	67.0	359.0	426.0	0.0		8000.0	250.0	0.0	63.0	290.0	353.0
FM			0.0		8000.0	250.0	0.0	63.0	290.0	353.0			0.0	0.0				

THRNE RNAV

PHRED:Landing KBUR THRNE 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
PHRED_	FOILD_	TerrainPt_1_PHRED:Landing KBUR THRNE_PHRED_:FOILD_		4E (+-250/+125)	N33° 46' 15.00"	W115° 05' 42.00"	3618.77	true	P	2000.0		5819	5818.77	12-Apr-2016 07:19:24
FOILD_	QUTIP_	TerrainPt_23_PHRED:Landing KBUR THRNE_FOILD_:QUTIP_		4E (+-250/+125)	N33° 46' 24.00"	W115° 08' 06.00"	2306.43	true	P	2000.0		4507	4506.43	12-Apr-2016 07:19:24
QUTIP_	VLLMA_	TerrainPt_37_PHRED:Landing KBUR THRNE_QUTIP_:VLLMA_		4E (+-250/+125)	N33° 49' 12.00"	W115° 34' 18.00"	3986.22	true	P	2000.0		6187	6186.22	12-Apr-2016 07:19:24
VLLMA_	DROGO_	TerrainPt_0_PHRED:Landing KBUR THRNE_VLLMA_:DROGO_		4E (+-250/+125)	N33° 44' 36.00"	W115° 44' 24.00"	5328.08	true	P	2000.0		7529	7528.08	12-Apr-2016 07:19:24
DROGO_	DEWWW_	TerrainPt_0_PHRED:Landing KBUR THRNE_DROGO_:DEWWW_		4E (+-250/+125)	N33° 51' 39.00"	W116° 05' 21.00"	5446.19	true	P	2000.0		7647	7646.19	12-Apr-2016 07:19:24
DEWWW_	DNERY_	TerrainPt_8_PHRED:Landing KBUR THRNE_DEWWW_:DNERY_		4E (+-250/+125)	N33° 51' 39.00"	W116° 05' 21.00"	5446.19	true	P	2000.0		7647	7646.19	12-Apr-2016 07:19:24
DNERY_	ARRYA_	TerrainPt_15_PHRED:Landing KBUR THRNE_DNERY_:ARRYA_		4E (+-250/+125)	N33° 48' 42.00"	W116° 34' 39.00"	3818.9	true	S	1429.01		5448	5447.91	12-Apr-2016 07:19:24
ARRYA_	YATZE_	OBS-4001-IPDS	AIRNAV 2	6C (+-1000/+20)	N33° 48' 54.00"	W116° 40' 48.00"	11034.0	true	S	1239.67		12274	12273.67	12-Apr-2016 07:17:45
YATZE_	IRONN_	OBS-4001-IPDS	AIRNAV 2	6C (+-1000/+20)	N33° 48' 54.00"	W116° 40' 48.00"	11034.0	true	S	1239.67		12274	12273.67	12-Apr-2016 07:17:45
IRONN_	THRNE_	TerrainPt_48_PHRED:Landing KBUR THRNE_IRONN:THRNE_		4E (+-250/+125)	N34° 02' 18.00"	W116° 54' 18.00"	5839.9	true	S	1001.39		7042	7041.29	12-Apr-2016 07:19:24
THRNE_	CRCUS_	TerrainPt_14_PHRED:Landing KBUR THRNE_THRNE:CRCUS_		4E (+-250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	12-Apr-2016 07:19:25
CRCUS_	NNEDD_	TerrainPt_45_PHRED:Landing KBUR THRNE_CRCUS:NNEDD_		4E (+-250/+125)	N34° 11' 54.00"	W117° 39' 03.00"	5793.96	true	S	1005.34		7000	6999.3	12-Apr-2016 07:19:26

PHRED:Landing KBUR THRNE Criteria Failures

No failures.

Evaluation Input

Name:	RS Results Landing KBUR THRNE
Project:	BUR_SMO_VNY THRNE STAR PAPERWORK_20151015_QUTIP
Last evaluated:	12-Apr-2016 07:18:10
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

No failures.

Evaluation Notes and Warnings

This route named Landing KBUR THRNE contains exact duplicates of the following routes, which were therefore not evaluated:
PHRED:Landing KVMY THRNE

Obstacles Requiring Accuracy Code Verification

None.

RS Results Landing KSMO THRNE

Last Evaluation: 12-Apr-2016 07:19:26

Reference Software Version: 1.5.3

Route Evaluation for PHRED:Landing KSMO THRNE

PHRED:Landing KSMO THRNE 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	PHRED_						0.0	0.0
TF	FOILD_	FLY_BY				0.73	53.07	1.0
TF	QUTIP_	FLY_BY	-29000.0			0.25	11.85	1.0
TF	VLLMA_	FLY_BY				0.31	9.67	1.0
TF	DROGO_	FLY_BY	+24000.0			0.39	10.93	1.0
TF	DEWWW_	FLY_BY	+21000.0			1.47	15.23	1.0
TF	DNERY	FLY_BY	-20000.0			1.38	11.87	1.0
TF	ARRYA	FLY_BY	16000.0			4.3	8.41	1.0
TF	YATZE	FLY_BY	+14000.0	-15000.0		0.1	6.71	1.0
TF	IRONN	FLY_BY	13000.0			5.41	15.54	1.0
TF	THRNE	FLY_BY	+10000.0	-11000.0		0.15	6.94	1.0
TF	CRCUS	FLY_BY	10000.0			8.31	20.84	1.0
TF	SMEGL	FLY_BY	+6800.0			0.05	17.34	1.0
TF	JOFRY	FLY_OVER	6000.0				8.33	1.0
FM							0.0	0.0

PHRED:Landing KSMO THRNE 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	PHRED_				0.0	0.0							0.0	0.0				
TF	FOILD_	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	0.34	54.11	31961.61	300.0	5.0	110.0	525.0	570.0
TF	QUTIP_	FLY_BY	0.34	54.11	31961.61	300.0	5.0	110.0	525.0	570.0	0.12	54.11	29000.0	300.0	5.0	104.0	497.0	570.0
TF	VLLMA_	FLY_BY	0.12	54.11	29000.0	300.0	5.0	104.0	497.0	570.0	0.14	52.42	27610.02	300.0	5.0	102.0	484.0	561.0
TF	DROGO_	FLY_BY	0.14	52.42	27610.02	300.0	5.0	102.0	484.0	561.0	0.16	47.49	24878.27	300.0	5.0	96.0	461.0	534.0
TF	DEWWW_	FLY_BY	0.16	47.49	24878.27	300.0	5.0	96.0	461.0	534.0	0.53	40.98	21069.78	300.0	5.0	89.0	431.0	496.0
TF	DNERY	FLY_BY	0.53	40.98	21069.78	300.0	5.0	89.0	431.0	496.0	2.45	202.9	18102.34	300.0	1.0	83.0	410.0	493.0
TF	ARRYA	FLY_BY	2.45	202.9	18102.34	300.0	1.0	83.0	410.0	493.0	3.29	87.53	16000.0	300.0	2.15	79.0	396.0	475.0
TF	YATZE	FLY_BY	3.29	87.53	16000.0	300.0	2.15	79.0	396.0	475.0	0.15	181.29	15000.0	300.0	1.0	77.0	389.0	466.0
TF	IRONN	FLY_BY	0.15	181.29	15000.0	300.0	1.0	77.0	389.0	466.0	2.94	62.17	13000.0	300.0	2.71	73.0	376.0	449.0
TF	THRNE	FLY_BY	2.94	62.17	13000.0	300.0	2.71	73.0	376.0	449.0	0.21	157.24	11000.0	300.0	1.0	69.0	365.0	434.0
TF	CRCUS	FLY_BY	0.21	157.24	11000.0	300.0	1.0	69.0	365.0	434.0	2.64	36.38	10000.0	300.0	4.16	67.0	359.0	426.0
TF	SMEGL	FLY_BY	2.64	36.38	10000.0	300.0	4.16	67.0	359.0	426.0	0.04	104.03	8083.47	250.0	1.0	63.0	290.0	353.0
TF	JOFRY	FLY_OVER	0.04	104.03	8083.47	250.0	1.0	63.0	290.0	353.0	0.0		6000.0	250.0	0.0	59.0	281.0	340.0
FM			0.0		6000.0	250.0	0.0	59.0	281.0	340.0			0.0	0.0				

THRNE RNAV

PHRED:Landing KSMO THRNE 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
PHRED_	FOILD_	TerrainPt_1_PHRED:Landing KSMO THRNE_PHRED_:FOILD_		4E (+-250/+125)	N33° 46' 15.00"	W115° 05' 42.00"	3618.77	true	P	2000.0		5819	5818.77	12-Apr-2016 07:20:43
FOILD_	QUTIP_	TerrainPt_23_PHRED:Landing KSMO THRNE_FOILD_:QUTIP_		4E (+-250/+125)	N33° 46' 24.00"	W115° 08' 06.00"	2306.43	true	P	2000.0		4507	4506.43	12-Apr-2016 07:20:43
QUTIP_	VLLMA_	TerrainPt_37_PHRED:Landing KSMO THRNE_QUTIP_:VLLMA_		4E (+-250/+125)	N33° 49' 12.00"	W115° 34' 18.00"	3986.22	true	P	2000.0		6187	6186.22	12-Apr-2016 07:20:43
VLLMA_	DROGO_	TerrainPt_0_PHRED:Landing KSMO THRNE_VLLMA_:DROGO_		4E (+-250/+125)	N33° 44' 36.00"	W115° 44' 24.00"	5328.08	true	P	2000.0		7529	7528.08	12-Apr-2016 07:20:43
DROGO_	DEWWWW_	TerrainPt_0_PHRED:Landing KSMO THRNE_DROGO_:DEWWWW_		4E (+-250/+125)	N33° 51' 39.00"	W116° 05' 21.00"	5446.19	true	P	2000.0		7647	7646.19	12-Apr-2016 07:20:43
DEWWWW_	DNERY_	TerrainPt_8_PHRED:Landing KSMO THRNE_DEWWWW_:DNERY_		4E (+-250/+125)	N33° 51' 39.00"	W116° 05' 21.00"	5446.19	true	P	2000.0		7647	7646.19	12-Apr-2016 07:20:43
DNERY_	ARRYA_	TerrainPt_15_PHRED:Landing KSMO THRNE_DNERY_:ARRYA_		4E (+-250/+125)	N33° 48' 42.00"	W116° 34' 39.00"	3818.9	true	S	1429.01		5448	5447.91	12-Apr-2016 07:20:43
ARRYA_	YATZE_	OBS-4001-IPDS	AIRNAV 2	6C (+-1000/+20)	N33° 48' 54.00"	W116° 40' 48.00"	11034.0	true	S	1239.67		12274	12273.67	12-Apr-2016 07:17:45
YATZE_	IRONN_	OBS-4001-IPDS	AIRNAV 2	6C (+-1000/+20)	N33° 48' 54.00"	W116° 40' 48.00"	11034.0	true	S	1239.67		12274	12273.67	12-Apr-2016 07:17:45
IRONN_	THRNE_	TerrainPt_48_PHRED:Landing KSMO THRNE_IRONN_:THRNE_		4E (+-250/+125)	N34° 02' 18.00"	W116° 54' 18.00"	5839.9	true	S	1001.39		7042	7041.29	12-Apr-2016 07:20:44
THRNE_	CRCUS_	TerrainPt_14_PHRED:Landing KSMO THRNE_THRNE_:CRCUS_		4E (+-250/+125)	N33° 59' 18.00"	W117° 14' 48.00"	3087.27	true	P	2000.0		5288	5287.27	12-Apr-2016 07:20:44
CRCUS_	SMEGL_	TerrainPt_40_PHRED:Landing KSMO THRNE_CRCUS_:SMEGL_		4E (+-250/+125)	N34° 11' 30.00"	W117° 41' 51.00"	5501.97	true	S	1065.94		6768	6767.91	12-Apr-2016 07:20:46
SMEGL_	JOFRY_	TerrainPt_25_PHRED:Landing KSMO THRNE_SMEGL_:JOFRY_		4E (+-250/+125)	N34° 10' 21.00"	W117° 57' 24.00"	3067.59	true	S	1028.66		4297	4296.25	12-Apr-2016 07:20:46

PHRED:Landing KSMO THRNE Criteria Failures

No failures.

Evaluation Input

Name:	RS Results Landing KSMO THRNE
Project:	BUR_SMO_VNY THRNE STAR PAPERWORK_20151015_QUTIP
Last evaluated:	12-Apr-2016 07:19:26
Evaluated obstacles?:	true
Obstacle Database:	AIRNAV2
Evaluated terrain?:	true
Worst Case Vegetation Height (ft) AGL:	0

THRNE RNAV

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
UddfObstacle	03/09/2015
Tiled AIRNAV2	N/A
OEAAA	N/A
NFDC	03/31/2016
IFP_OFFLINE	N/A
AVNIS	04/12/2016
DOF	03/31/2016
AVNII_OFFLINE	N/A
AIRNAV2	04/12/2016
CIFP	03/31/2016

Notes: