

BONJO RNAV

Point Of Contact

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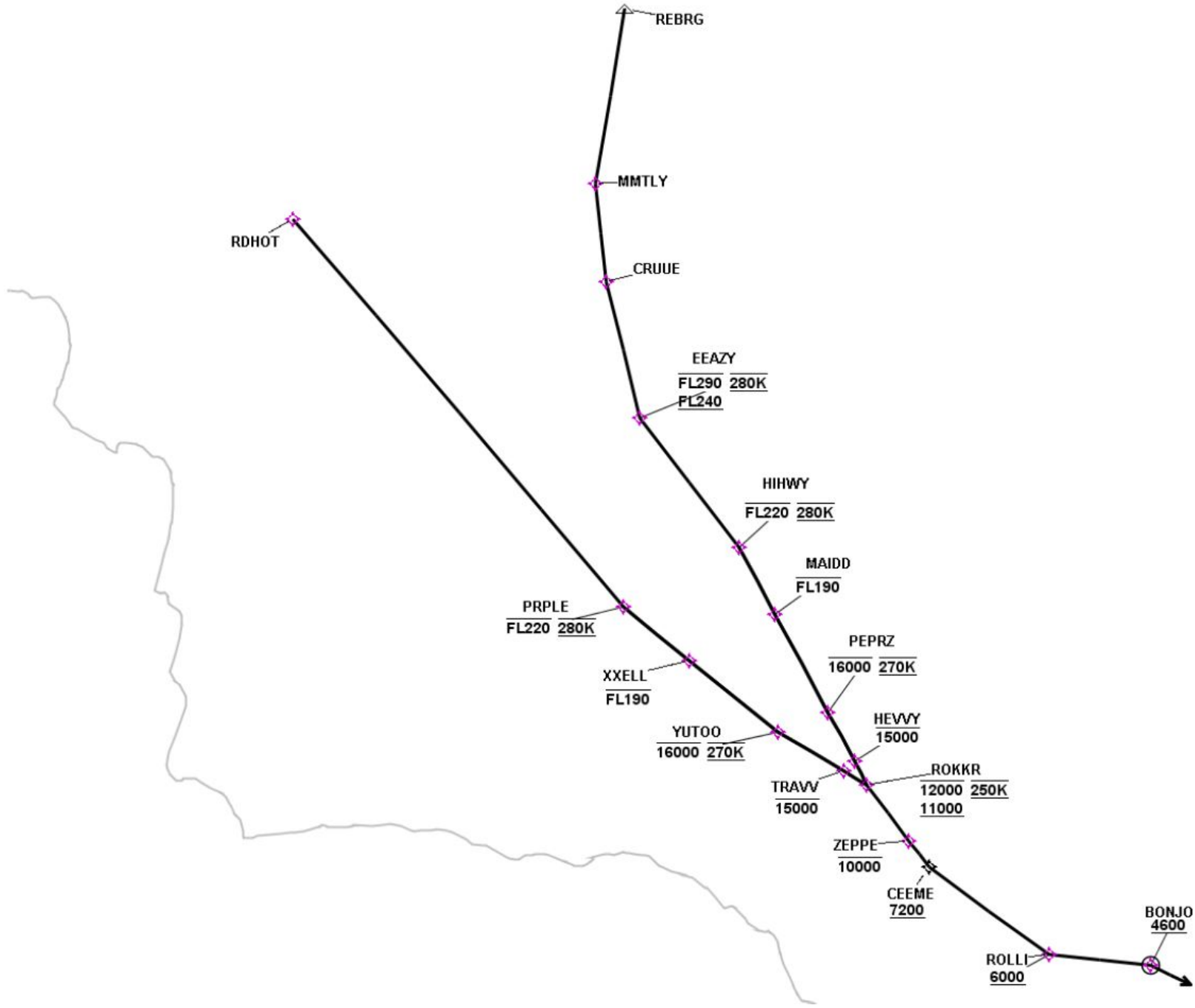
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BONJO RNAV

En Route Transition Data - HIHWY

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)
	HIHWY WP	N34 59 06.13	W119 21 24.89		IF				-22000	280					
	MAIDD WP	N34 51 40.67	W119 16 36.53	FB	TF	151.91	139.91	8.40	-19000		11100	9400			
	PEPRZ WP	N34 40 47.34	W119 09 26.41	FB	TF	151.45	139.45	12.37	-16000	270	11100	11100			
	HEVY WP	N34 35 21.52	W119 05 54.28	FB	TF	151.70	139.70	6.16	-15000		11000	9200			
	ROKKR WP	N34 32 42.12	W119 04 12.00	FB	TF	152.03	140.03	3.00	+11000 -12000	250	11000	9200			

En Route Transition Data - PRPLE

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)
	PRPLE WP	N34 52 29.65	W119 37 06.29		IF				-22000	280					
	XXELL WP	N34 46 28.51	W119 28 08.66	FB	TF	129.12	117.12	9.51	-19000		11000	8100			
	YUTOO WP	N34 38 36.46	W119 16 08.63	FB	TF	128.39	116.39	12.63	-16000	270	11000	9700			
	TRAVV WP	N34 34 14.54	W119 07 18.13	FB	TF	120.80	108.80	8.50	-15000		11000	9700			
	ROKKR WP	N34 32 42.12	W119 04 12.00	FB	TF	120.96	108.96	2.99	+11000 -12000	250	11000	9200			

En Route Transition Data - RDHOT

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)
	RDHOT WP	N35 35 33.31	W120 21 36.43		IF										
	PRPLE WP	N34 52 29.65	W119 37 06.29	FB	TF	139.49	127.49	56.37	-22000	280	13000	7400			
	XXELL WP	N34 46 28.51	W119 28 08.66	FB	TF	129.12	117.12	9.51	-19000		11000	8100			
	YUTOO WP	N34 38 36.46	W119 16 08.63	FB	TF	128.39	116.39	12.63	-16000	270	11000	9700			
	TRAVV WP	N34 34 14.54	W119 07 18.13	FB	TF	120.80	108.80	8.50	-15000		11000	9700			
	ROKKR WP	N34 32 42.12	W119 04 12.00	FB	TF	120.96	108.96	2.99	+11000 -12000	250	11000	9200			

En Route Transition Data - REBRG

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	REBRG WP	N35 58 53.00	W119 36 53.00		IF										
	MMTLY WP	N35 39 29.51	W119 40 49.65	FB	TF	189.43	177.43	19.63			17000	2700			
	CRUUE WP	N35 28 34.02	W119 39 18.55	FB	TF	173.51	161.51	10.98			17000	2900			
	EEAZY WP	N35 13 28.56	W119 34 54.76	FB	TF	166.55	154.55	15.49	+24000 -29000	280	17000	5800			
	HIHWY WP	N34 59 06.13	W119 21 24.89	FB	TF	142.28	130.28	18.13	-22000	280	11100	6800			
	MAIDD WP	N34 51 40.67	W119 16 36.53	FB	TF	151.91	139.91	8.40	-19000		11100	9400			
	PEPRZ WP	N34 40 47.34	W119 09 26.41	FB	TF	151.45	139.45	12.37	-16000	270	11100	11100			
	HEVVY WP	N34 35 21.52	W119 05 54.28	FB	TF	151.70	139.70	6.16	-15000		11000	9200			
	ROKKR WP	N34 32 42.12	W119 04 12.00	FB	TF	152.03	140.03	3.00	+11000 -12000	250	11000	9200			

Common Route Data - ROKKR COMMON

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)
	ROKKR WP	N34 32 42.12	W119 04 12.00		IF				+11000 -12000	250					
	ZEPPE WP	N34 26 29.90	W118 58 30.76	FB	TF	142.77	130.77	7.78	-10000		9000	9000			
AVNIS	CEEME WP	N34 23 38.00	W118 55 49.00	FB	TF	142.04	130.04	3.63	+7200		7200	7200			
	ROLLI WP	N34 13 50.82	W118 39 38.73	FB	TF	126.03	114.03	16.58	+6000		5900	5900			
	BONJO WP	N34 12 40.32	W118 25 59.33	FO	TF	95.85	83.85	11.39	+4600		4600	4600			
	BONJO WP	N34 12 40.32	W118 25 59.33		FM	115.00	103.00								

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")
	BONJO WP		341240.32N-1182559.33W	N 34.2111996	W 118.4331462	N34 12.672	W118 25.989	N34 12 40.32	W118 25 59.33
AVNIS	CEEME WP		342338.00N-1185549.00W	N 34.3938889	W 118.9302778	N34 23.633	W118 55.817	N34 23 38.00	W118 55 49.00
	CRUUE WP		352834.02N-1193918.55W	N 35.4761168	W 119.6551519	N35 28.567	W119 39.309	N35 28 34.02	W119 39 18.55
	EEAZY WP		351328.56N-1193454.76W	N 35.2245994	W 119.5818766	N35 13.476	W119 34.913	N35 13 28.56	W119 34 54.76
	HEVY WP		343521.52N-1190554.28W	N 34.5893104	W 119.0984115	N34 35.359	W119 05.905	N34 35 21.52	W119 05 54.28
	HIHWY WP		345906.13N-1192124.89W	N 34.9850359	W 119.3569127	N34 59.102	W119 21.415	N34 59 06.13	W119 21 24.89
	MAIDD WP		345140.67N-1191636.53W	N 34.8612964	W 119.2768141	N34 51.678	W119 16.609	N34 51 40.67	W119 16 36.53
	MMTLY WP		353929.51N-1194049.65W	N 35.6581959	W 119.6804593	N35 39.492	W119 40.828	N35 39 29.51	W119 40 49.65
	PEPRZ WP		344047.34N-1190926.41W	N 34.6798163	W 119.1573361	N34 40.789	W119 09.440	N34 40 47.34	W119 09 26.41
	PRPLE WP		345229.65N-1193706.29W	N 34.8749029	W 119.6184125	N34 52.494	W119 37.105	N34 52 29.65	W119 37 06.29
	RDHOT WP		353533.31N-1202136.43W	N 35.5925854	W 120.3601182	N35 35.555	W120 21.607	N35 35 33.31	W120 21 36.43
AVNIS	REBRG WP		355853.00N-1193653.00W	N 35.9813889	W 119.6147222	N35 58.883	W119 36.883	N35 58 53.00	W119 36 53.00
	ROKKR WP		343242.12N-1190412.00W	N 34.5450332	W 119.0700010	N34 32.702	W119 04.200	N34 32 42.12	W119 04 12.00
	ROLLI WP		341350.82N-1183938.73W	N 34.2307845	W 118.6607589	N34 13.847	W118 39.646	N34 13 50.82	W118 39 38.73
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
	TRAVV WP		343414.54N-1190718.13W	N 34.5707068	W 119.1217027	N34 34.242	W119 07.302	N34 34 14.54	W119 07 18.13
	XXELL WP		344628.51N-1192808.66W	N 34.7745851	W 119.4690734	N34 46.475	W119 28.144	N34 46 28.51	W119 28 08.66
	YUTOO WP		343836.46N-1191608.63W	N 34.6434609	W 119.2690632	N34 38.608	W119 16.144	N34 38 36.46	W119 16 08.63
	ZEPPE WP		342629.90N-1185830.76W	N 34.4416380	W 118.9752104	N34 26.498	W118 58.513	N34 26 29.90	W118 58 30.76

RS Results ROKKR COMMON

Last Evaluation: 11-Apr-2016 14:35:11
Reference Software Version: 1.5.3

Route Evaluation for HIHWY:ROKKR COMMON

BONJO RNAV

HIHWY:ROKKR COMMON 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	HIHWY		-22000.0		280.0		0.0	0.0
TF	MAIDD	FLY_BY	-19000.0			0.51	8.4	1.0
TF	PEPRZ	FLY_BY	-16000.0		270.0	0.18	12.37	1.0
TF	HEVVY	FLY_BY	-15000.0			0.3	6.16	1.0
TF	ROKKR	FLY_BY	+11000.0	-12000.0	250.0	9.28	3.0	1.0
TF	ZEPPE	FLY_BY	-10000.0			0.79	7.78	1.0
TF	CEEME	FLY_BY	+7200.0			16.04	3.63	1.95
TF	ROLLI	FLY_BY	+6000.0			30.33	16.58	3.73
TF	BONJO	FLY_OVER	+4600.0				11.39	1.78
FM							0.0	0.0

HIHWY:ROKKR COMMON 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	HIHWY				0.0	0.0							0.0	0.0				
TF	MAIDD	FLY_BY	0.0		19426.4	280.0	0.0	85.0	391.0	476.0	0.77	175.12	17326.41	280.0	1.0	81.0	377.0	458.0
TF	PEPRZ	FLY_BY	0.77	175.12	17326.41	280.0	1.0	81.0	377.0	458.0	0.23	147.96	14233.56	270.0	1.0	75.0	346.0	421.0
TF	HEVVY	FLY_BY	0.23	147.96	14233.56	270.0	1.0	75.0	346.0	421.0	0.37	139.65	12694.47	270.0	1.0	72.0	337.0	409.0
TF	ROKKR	FLY_BY	0.37	139.65	12694.47	270.0	1.0	72.0	337.0	409.0	2.09	25.8	11943.82	250.0	4.64	71.0	308.0	379.0
TF	ZEPPE	FLY_BY	2.09	25.8	11943.82	250.0	4.64	71.0	308.0	379.0	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0
TF	CEEME	FLY_BY	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0
TF	ROLLI	FLY_BY	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0
TF	BONJO	FLY_OVER	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0	0.0		4600.0	250.0	0.0	56.0	275.0	331.0
FM			0.0		4600.0	250.0	0.0	56.0	275.0	331.0			0.0	0.0				

BONJO RNAV

HIHWY:ROKKR COMMON 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
HIHWY	MAIDD	TerrainPt_51_HIHWY:ROKKR COMMON_HIHWY:MAIDD		4E (+- 250/+125)	N34° 52' 09.00"	W119° 11' 24.00"	7162.07	true	P	2000.0		9363	9362.07	11-Apr-2016 14:37:01
MAIDD	PEPRZ	TerrainPt_0_HIHWY:ROKKR COMMON_MAIDD:PEPRZ		4E (+- 250/+125)	N34° 48' 48.00"	W119° 10' 03.00"	8815.62	true	P	2000.0		11016	11015.62	11-Apr-2016 14:37:01
PEPRZ	HEVVY	TerrainPt_19_HIHWY:ROKKR COMMON_PEPRZ:HEVVY		4E (+- 250/+125)	N34° 38' 24.00"	W119° 12' 39.00"	6938.98	true	P	2000.0		9139	9138.98	11-Apr-2016 14:37:01
HEVVY	ROKKR	TerrainPt_0_HIHWY:ROKKR COMMON_HEVVY:ROKKR		4E (+- 250/+125)	N34° 36' 21.00"	W119° 07' 42.00"	6902.89	true	P	2000.0		9103	9102.89	11-Apr-2016 14:37:01
ROKKR	ZEPPE	TerrainPt_34_HIHWY:ROKKR COMMON_ROKKR:ZEPPE		4E (+- 250/+125)	N34° 30' 36.00"	W119° 04' 33.00"	6702.76	true	P	2000.0		8903	8902.76	11-Apr-2016 14:37:01
ZEPPE	CEEME	TerrainPt_13_HIHWY:ROKKR COMMON_ZEPPE:CEEME		4E (+- 250/+125)	N34° 27' 30.00"	W119° 00' 33.00"	5000.0	true	P	2000.0		7200	7200.0	11-Apr-2016 14:37:01
CEEME	ROLLI	TerrainPt_21_HIHWY:ROKKR COMMON_CEEME:ROLLI		4E (+- 250/+125)	N34° 28' 39.00"	W118° 51' 57.00"	4530.84	true	S	1105.61		5837	5836.45	11-Apr-2016 14:37:01
ROLLI	BONJO	TerrainPt_46_HIHWY:ROKKR COMMON_ROLLI:BONJO		4E (+- 250/+125)	N34° 15' 24.00"	W118° 38' 27.00"	2312.99	true	P	2000.0		4513	4512.99	11-Apr-2016 14:37:01

HIHWY:ROKKR COMMON Criteria Failures

No failures.

Route Evaluation for PRPLE:ROKKR COMMON

PRPLE:ROKKR COMMON 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	PRPLE		-22000.0		280.0		0.0	0.0
TF	XXELL	FLY_BY	-19000.0			0.82	9.51	1.0
TF	YUTOO	FLY_BY	-16000.0		270.0	7.7	12.63	1.0
TF	TRAVV	FLY_BY	-15000.0			0.07	8.5	1.0
TF	ROKKR	FLY_BY	+11000.0	-12000.0	250.0	21.78	2.99	2.09
TF	ZEPPE	FLY_BY	-10000.0			0.79	7.78	2.09
TF	CEEME	FLY_BY	+7200.0			16.04	3.63	1.95
TF	ROLLI	FLY_BY	+6000.0			30.33	16.58	3.73
TF	BONJO	FLY_OVER	+4600.0				11.39	1.78
FM							0.0	0.0

PRPLE:ROKKR COMMON 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	PRPLE				0.0	0.0							0.0	0.0				
TF	XXELL	FLY_BY	0.0		20352.66	280.0	0.0	87.0	397.0	489.0	1.29	180.51	17974.01	280.0	1.0	83.0	382.0	465.0
TF	YUTOO	FLY_BY	1.29	180.51	17974.01	280.0	1.0	83.0	382.0	465.0	2.63	39.1	14815.94	270.0	3.85	76.0	349.0	425.0
TF	TRAVV	FLY_BY	2.63	39.1	14815.94	270.0	3.85	76.0	349.0	425.0	0.09	139.65	12690.86	270.0	1.0	72.0	337.0	409.0
TF	ROKKR	FLY_BY	0.09	139.65	12690.86	270.0	1.0	72.0	337.0	409.0	2.09	10.88	11943.82	250.0	10.89	71.0	308.0	379.0
TF	ZEPPE	FLY_BY	2.09	10.88	11943.82	250.0	10.89	71.0	308.0	379.0	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0
TF	CEEME	FLY_BY	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0
TF	ROLLI	FLY_BY	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0
TF	BONJO	FLY_OVER	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0	0.0		4600.0	250.0	0.0	56.0	275.0	331.0
FM			0.0		4600.0	250.0	0.0	56.0	275.0	331.0			0.0	0.0				

BONJO RNAV

PRPLE:ROKKR COMMON 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
PRPLE	XXELL	TerrainPt_14_PRPLE:ROKKR COMMON_PRPLE:XXELL		4E (+- 250/+125)	N34° 44' 06.00"	W119° 30' 39.00"	5862.86	true	P	2000.0		8063	8062.86	11-Apr-2016 14:37:01
XXELL	YUTOO	TerrainPt_16_PRPLE:ROKKR COMMON_XXELL:YUTOO		4E (+- 250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	11-Apr-2016 14:37:01
YUTOO	TRAVV	TerrainPt_1_PRPLE:ROKKR COMMON_YUTOO:TRAVV		4E (+- 250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	11-Apr-2016 14:37:01
TRAVV	ROKKR	TerrainPt_0_PRPLE:ROKKR COMMON_TRAVV:ROKKR		4E (+- 250/+125)	N34° 36' 21.00"	W119° 07' 42.00"	6902.89	true	P	2000.0		9103	9102.89	11-Apr-2016 14:37:01
ROKKR	ZEPPE	TerrainPt_34_HIHWY:ROKKR COMMON_ROKKR:ZEPPE		4E (+- 250/+125)	N34° 30' 36.00"	W119° 04' 33.00"	6702.76	true	P	2000.0		8903	8902.76	11-Apr-2016 14:37:01
ZEPPE	CEEME	TerrainPt_13_HIHWY:ROKKR COMMON_ZEPPE:CEEME		4E (+- 250/+125)	N34° 27' 30.00"	W119° 00' 33.00"	5000.0	true	P	2000.0		7200	7200.0	11-Apr-2016 14:37:01
CEEME	ROLLI	TerrainPt_21_HIHWY:ROKKR COMMON_CEEME:ROLLI		4E (+- 250/+125)	N34° 28' 39.00"	W118° 51' 57.00"	4530.84	true	S	1105.61		5837	5836.45	11-Apr-2016 14:37:01
ROLLI	BONJO	TerrainPt_46_HIHWY:ROKKR COMMON_ROLLI:BONJO		4E (+- 250/+125)	N34° 15' 24.00"	W118° 38' 27.00"	2312.99	true	P	2000.0		4513	4512.99	11-Apr-2016 14:37:01

PRPLE:ROKKR COMMON Criteria Failures

No failures.

Route Evaluation for RDHOT:ROKKR COMMON

RDHOT:ROKKR COMMON 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	RDHOT						0.0	0.0
TF	PRPLE	FLY_BY	-22000.0		280.0	10.79	56.37	3.76
TF	XXELL	FLY_BY	-19000.0			0.82	9.51	3.76
TF	YUTOO	FLY_BY	-16000.0		270.0	7.7	12.63	1.0
TF	TRAVV	FLY_BY	-15000.0			0.07	8.5	1.0
TF	ROKKR	FLY_BY	+11000.0	-12000.0	250.0	21.78	2.99	2.09
TF	ZEPPE	FLY_BY	-10000.0			0.79	7.78	2.09
TF	CEEME	FLY_BY	+7200.0			16.04	3.63	1.95
TF	ROLLI	FLY_BY	+6000.0			30.33	16.58	3.73
TF	BONJO	FLY_OVER	+4600.0				11.39	1.78
FM							0.0	0.0

RDHOT:ROKKR COMMON 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	RDHOT				0.0	0.0							0.0	0.0				
TF	PRPLE	FLY_BY	0.0		34444.7	300.0	0.0	115.0	551.0	570.0	3.76	39.83	20352.66	280.0	5.0	87.0	397.0	489.0
TF	XXELL	FLY_BY	3.76	39.83	20352.66	280.0	5.0	87.0	397.0	489.0	1.29	180.51	17974.01	280.0	1.0	83.0	382.0	465.0
TF	YUTOO	FLY_BY	1.29	180.51	17974.01	280.0	1.0	83.0	382.0	465.0	2.63	39.1	14815.94	270.0	3.85	76.0	349.0	425.0
TF	TRAVV	FLY_BY	2.63	39.1	14815.94	270.0	3.85	76.0	349.0	425.0	0.09	139.65	12690.86	270.0	1.0	72.0	337.0	409.0
TF	ROKKR	FLY_BY	0.09	139.65	12690.86	270.0	1.0	72.0	337.0	409.0	2.09	10.88	11943.82	250.0	10.89	71.0	308.0	379.0
TF	ZEPPE	FLY_BY	2.09	10.88	11943.82	250.0	10.89	71.0	308.0	379.0	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0
TF	CEEME	FLY_BY	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0
TF	ROLLI	FLY_BY	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0
TF	BONJO	FLY_OVER	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0	0.0		4600.0	250.0	0.0	56.0	275.0	331.0
FM			0.0		4600.0	250.0	0.0	56.0	275.0	331.0			0.0	0.0				

RDHOT:ROKKR COMMON 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
RDHOT	PRPLE	TerrainPt_43_RDHOT:ROKKR COMMON_RDHOT:PRPLE		4E (+- 250/+125)	N35° 02' 09.00"	W119° 45' 39.00"	5108.27	true	P	2000.0		7309	7308.27	11-Apr-2016 14:37:01
PRPLE	XXELL	TerrainPt_14_PRPLE:ROKKR COMMON_PRPLE:XXELL		4E (+- 250/+125)	N34° 44' 06.00"	W119° 30' 39.00"	5862.86	true	P	2000.0		8063	8062.86	11-Apr-2016 14:37:01
XXELL	YUTOO	TerrainPt_16_PRPLE:ROKKR COMMON_XXELL:YUTOO		4E (+- 250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	11-Apr-2016 14:37:01
YUTOO	TRAVV	TerrainPt_1_PRPLE:ROKKR COMMON_YUTOO:TRAVV		4E (+- 250/+125)	N34° 37' 54.00"	W119° 16' 54.00"	7496.72	true	P	2000.0		9697	9696.72	11-Apr-2016 14:37:01
TRAVV	ROKKR	TerrainPt_0_PRPLE:ROKKR COMMON_TRAVV:ROKKR		4E (+- 250/+125)	N34° 36' 21.00"	W119° 07' 42.00"	6902.89	true	P	2000.0		9103	9102.89	11-Apr-2016 14:37:01
ROKKR	ZEPPE	TerrainPt_34_HIHWY:ROKKR COMMON_ROKKR:ZEPPE		4E (+- 250/+125)	N34° 30' 36.00"	W119° 04' 33.00"	6702.76	true	P	2000.0		8903	8902.76	11-Apr-2016 14:37:01
ZEPPE	CEEME	TerrainPt_13_HIHWY:ROKKR COMMON_ZEPPE:CEEME		4E (+- 250/+125)	N34° 27' 30.00"	W119° 00' 33.00"	5000.0	true	P	2000.0		7200	7200.0	11-Apr-2016 14:37:01
CEEME	ROLLI	TerrainPt_21_HIHWY:ROKKR COMMON_CEEME:ROLLI		4E (+- 250/+125)	N34° 28' 39.00"	W118° 51' 57.00"	4530.84	true	S	1105.61		5837	5836.45	11-Apr-2016 14:37:01
ROLLI	BONJO	TerrainPt_46_HIHWY:ROKKR COMMON_ROLLI:BONJO		4E (+- 250/+125)	N34° 15' 24.00"	W118° 38' 27.00"	2312.99	true	P	2000.0		4513	4512.99	11-Apr-2016 14:37:01

RDHOT:ROKKR COMMON Criteria Failures

No failures.

Route Evaluation for REBRG:ROKKR COMMON

REBRG:ROKKR COMMON 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	REBRG						0.0	0.0
TF	MMTLY	FLY_BY				15.87	19.63	7.54
TF	CRUUE	FLY_BY				6.97	10.98	7.54
TF	EEAZY	FLY_BY	+24000.0	-29000.0	280.0	24.32	15.49	9.93
TF	HIHWY	FLY_BY	-22000.0		280.0	9.51	18.13	9.93
TF	MAIDD	FLY_BY	-19000.0			0.51	8.4	1.0
TF	PEPRZ	FLY_BY	-16000.0		270.0	0.18	12.37	1.0
TF	HEVVY	FLY_BY	-15000.0			0.3	6.16	1.0
TF	ROKKR	FLY_BY	+11000.0	-12000.0	250.0	9.28	3.0	1.0
TF	ZEPPE	FLY_BY	-10000.0			0.79	7.78	1.0
TF	CEEME	FLY_BY	+7200.0			16.04	3.63	1.95
TF	ROLLI	FLY_BY	+6000.0			30.33	16.58	3.73
TF	BONJO	FLY_OVER	+4600.0				11.39	1.78
FM							0.0	0.0

REBRG:ROKKR COMMON 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	REBRG				0.0	0.0							0.0	0.0				
TF	MMTLY	FLY_BY	0.0		35523.96	300.0	0.0	117.0	563.0	570.0	7.54	54.11	30617.26	300.0	5.0	108.0	512.0	570.0
TF	CRUUE	FLY_BY	7.54	54.11	30617.26	300.0	5.0	108.0	512.0	570.0	3.23	52.98	27872.7	300.0	5.0	102.0	487.0	564.0
TF	EEAZY	FLY_BY	3.23	52.98	27872.7	300.0	5.0	102.0	487.0	564.0	9.93	46.08	24000.0	280.0	5.0	95.0	424.0	526.0
TF	HIHWY	FLY_BY	9.93	46.08	24000.0	280.0	5.0	95.0	424.0	526.0	3.3	39.71	19426.4	280.0	4.75	85.0	391.0	476.0
TF	MAIDD	FLY_BY	3.3	39.71	19426.4	280.0	4.75	85.0	391.0	476.0	0.77	175.12	17326.41	280.0	1.0	81.0	377.0	458.0
TF	PEPRZ	FLY_BY	0.77	175.12	17326.41	280.0	1.0	81.0	377.0	458.0	0.23	147.96	14233.56	270.0	1.0	75.0	346.0	421.0
TF	HEVVY	FLY_BY	0.23	147.96	14233.56	270.0	1.0	75.0	346.0	421.0	0.37	139.65	12694.47	270.0	1.0	72.0	337.0	409.0
TF	ROKKR	FLY_BY	0.37	139.65	12694.47	270.0	1.0	72.0	337.0	409.0	2.09	25.8	11943.82	250.0	4.64	71.0	308.0	379.0
TF	ZEPPE	FLY_BY	2.09	25.8	11943.82	250.0	4.64	71.0	308.0	379.0	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0
TF	CEEME	FLY_BY	0.77	111.83	10000.0	250.0	1.0	67.0	299.0	366.0	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0
TF	ROLLI	FLY_BY	1.95	13.86	10000.0	250.0	8.02	67.0	299.0	366.0	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0
TF	BONJO	FLY_OVER	1.78	6.55	7446.32	250.0	15.17	62.0	287.0	349.0	0.0		4600.0	250.0	0.0	56.0	275.0	331.0
FM			0.0		4600.0	250.0	0.0	56.0	275.0	331.0			0.0	0.0				

BONJO RNAV

REBRG:ROKKR COMMON 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
REBRG	MMTLY	TerrainPt_39_REBRG:ROKKR COMMON_REBRG:MMTLY		4E (+-250/+125)	N35° 38' 57.00"	W119° 45' 27.00"	465.88	true	P	2000.0		2666	2665.88	11-Apr-2016 14:37:01
MMTLY	CRUUE	TerrainPt_21_REBRG:ROKKR COMMON_MMTLY:CRUUE		4E (+-250/+125)	N35° 25' 57.00"	W119° 43' 30.00"	685.7	true	P	2000.0		2886	2885.7	11-Apr-2016 14:37:01
CRUUE	EEAZY	TerrainPt_24_REBRG:ROKKR COMMON_CRUUE:EEAZY		4E (+-250/+125)	N35° 10' 15.00"	W119° 38' 00.00"	3559.71	true	P	2000.0		5760	5759.71	11-Apr-2016 14:37:01
EEAZY	HIHWY	TerrainPt_18_REBRG:ROKKR COMMON_EEAZY:HIHWY		4E (+-250/+125)	N34° 55' 12.00"	W119° 24' 21.00"	4501.31	true	P	2000.0		6702	6701.31	11-Apr-2016 14:37:01
HIHWY	MAIDD	TerrainPt_51_HIHWY:ROKKR COMMON_HIHWY:MAIDD		4E (+-250/+125)	N34° 52' 09.00"	W119° 11' 24.00"	7162.07	true	P	2000.0		9363	9362.07	11-Apr-2016 14:37:01
MAIDD	PEPRZ	TerrainPt_0_HIHWY:ROKKR COMMON_MAIDD:PEPRZ		4E (+-250/+125)	N34° 48' 48.00"	W119° 10' 03.00"	8815.62	true	P	2000.0		11016	11015.62	11-Apr-2016 14:37:01
PEPRZ	HEVVY	TerrainPt_19_HIHWY:ROKKR COMMON_PEPRZ:HEVVY		4E (+-250/+125)	N34° 38' 24.00"	W119° 12' 39.00"	6938.98	true	P	2000.0		9139	9138.98	11-Apr-2016 14:37:01
HEVVY	ROKKR	TerrainPt_0_HIHWY:ROKKR COMMON_HEVVY:ROKKR		4E (+-250/+125)	N34° 36' 21.00"	W119° 07' 42.00"	6902.89	true	P	2000.0		9103	9102.89	11-Apr-2016 14:37:01
ROKKR	ZEPPE	TerrainPt_34_HIHWY:ROKKR COMMON_ROKKR:ZEPPE		4E (+-250/+125)	N34° 30' 36.00"	W119° 04' 33.00"	6702.76	true	P	2000.0		8903	8902.76	11-Apr-2016 14:37:01
ZEPPE	CEEME	TerrainPt_13_HIHWY:ROKKR COMMON_ZEPPE:CEEME		4E (+-250/+125)	N34° 27' 30.00"	W119° 00' 33.00"	5000.0	true	P	2000.0		7200	7200.0	11-Apr-2016 14:37:01
CEEME	ROLLI	TerrainPt_21_HIHWY:ROKKR COMMON_CEEME:ROLLI		4E (+-250/+125)	N34° 28' 39.00"	W118° 51' 57.00"	4530.84	true	S	1105.61		5837	5836.45	11-Apr-2016 14:37:01
ROLLI	BONJO	TerrainPt_46_HIHWY:ROKKR COMMON_ROLLI:BONJO		4E (+-250/+125)	N34° 15' 24.00"	W118° 38' 27.00"	2312.99	true	P	2000.0		4513	4512.99	11-Apr-2016 14:37:01

REBRG:ROKKR COMMON Criteria Failures

No failures.

Evaluation Input

Name:	RS Results ROKKR COMMON
Project:	SMO BONJO STAR paperwork_20150518
Last evaluated:	11-Apr-2016 14:35:11
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

CEW14: In the route beginning at PRPLE and ending at BONJO, on the leg from TRAVV to ROKKR an alternative OEA construction method was applied.
 CEW14: In the route beginning at RDHOT and ending at BONJO, on the leg from TRAVV to ROKKR an alternative OEA construction method was applied.

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	04/11/2016
DOF	03/31/2016
AVNII_OFFLINE	N/A
AIRNAV2	04/11/2016
CIFP	03/31/2016

Notes: