

LEGOZ RNAV

Point Of Contact

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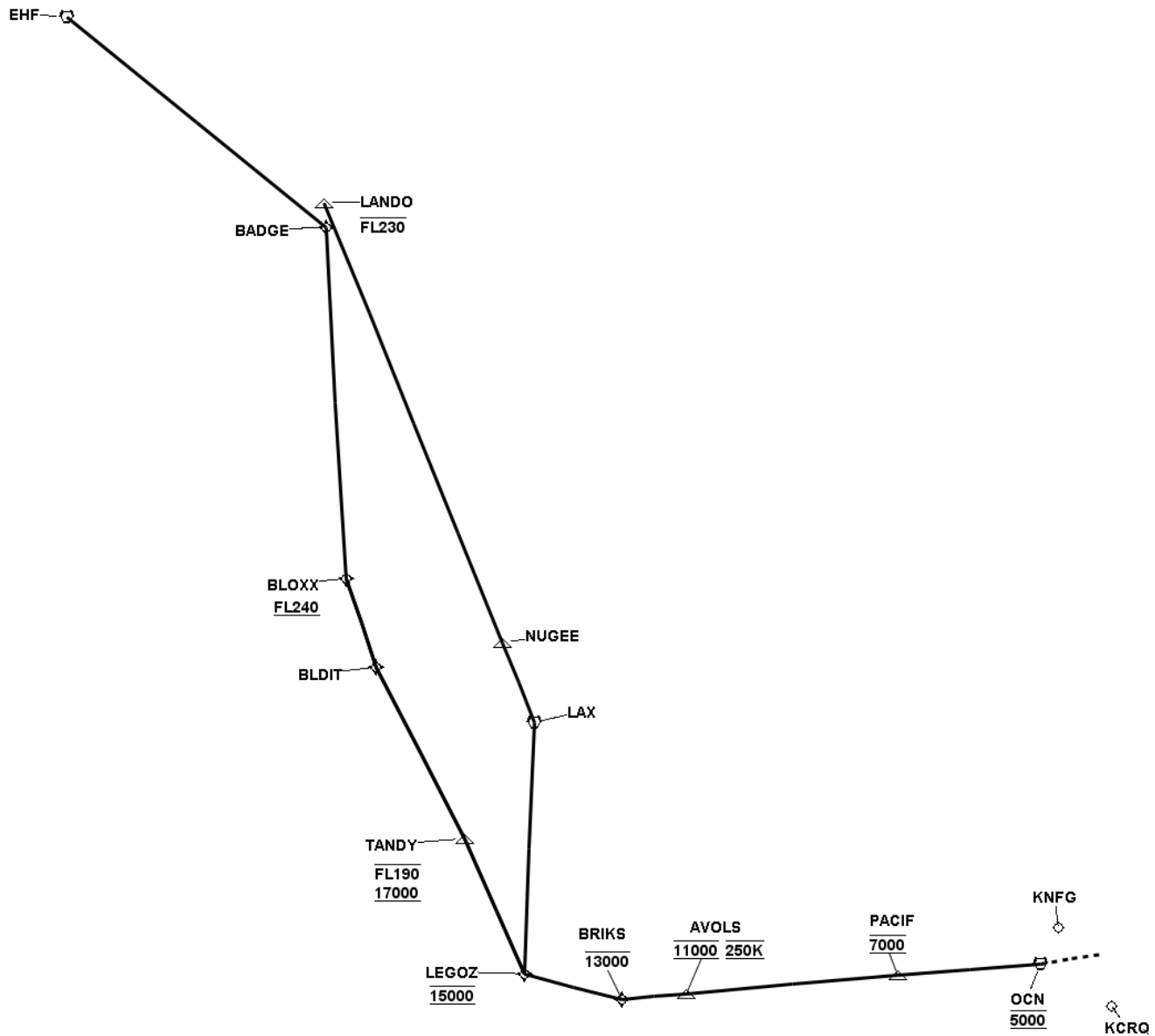
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LEGOZ RNAV

En Route Transition Data - BLOXX

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)
	BLOXX WP	N34 17 38.46	W118 46 49.50		IF				+24000						
	BLDIT WP	N34 06 47.87	W118 45 38.53	FB	TF	174.82	160.82	10.87			17000	5200			
AVNIS	TANDY WP	N33 44 47.67	W118 39 29.06	FB	TF	166.84	152.84	22.55	+17000 -19000		17000	5100			
	LEGOZ WP	N33 27 50.12	W118 35 55.57	FB	TF	170.03	156.03	17.19	15000		15000	4100			

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										
	BADGE WP	N34 57 59.15	W118 37 36.17	FB	TF	143.17	129.17	38.71			17000	9300			
	BLOXX WP	N34 17 38.46	W118 46 49.50	FB	TF	190.74	176.74	40.99	+24000		17000	9100			
	BLDIT WP	N34 06 47.87	W118 45 38.53	FB	TF	174.82	160.82	10.87			17000	5200			
AVNIS	TANDY WP	N33 44 47.67	W118 39 29.06	FB	TF	166.84	152.84	22.55	+17000 -19000		17000	5100			
	LEGOZ WP	N33 27 50.12	W118 35 55.57	FB	TF	170.03	156.03	17.19	15000		15000	4100			

En Route Transition Data - LANDO

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	LANDO WP	N35 00 44.74	W118 36 58.94		IF				-23000						
AVNIS	NUGEE WP	N34 05 54.53	W118 27 35.77	FB	TF	171.90	157.90	55.29			17000	10000			
AVNIS	LAX VORTAC	N33 55 59.33	W118 25 55.24	FB	TF	171.99	157.99	10.00			15000	4300			
	LEGOZ WP	N33 27 50.12	W118 35 55.57	FB	TF	196.59	182.59	29.32	15000		15000	4100			

Common Route Data - Landing KCRQ/KNFG LEGOZ

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)
	LEGOZ WP	N33 27 50.12	W118 35 55.57		IF				15000						
	BRIKS WP	N33 22 12.42	W118 23 26.36	FB	TF	118.20	104.20	11.87	-13000		11000	4300			
AVNIS	AVOLS WP	N33 21 06.46	W118 14 30.62	FB	TF	98.31	84.31	7.56	11000	250	11000	4300			
AVNIS	PACIF WP	N33 17 09.19	W117 44 52.92	FB	TF	98.90	84.90	25.14	7000		7000	2300			
AVNIS	OCN VORTAC	N33 14 26.28	W117 25 03.79	FB	TF	99.17	85.17	16.84	5000		5000	2700			

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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")
AVNIS	AVOLS WP		332106.46N-1181430.62W	N 33.3517944	W 118.2418389	N33 21.108	W118 14.510	N33 21 06.46	W118 14 30.62
	BADGE WP		345759.15N-1183736.17W	N 34.9664317	W 118.6267125	N34 57.986	W118 37.603	N34 57 59.15	W118 37 36.17
	BLDIT WP		340647.87N-1184538.53W	N 34.1132964	W 118.7607017	N34 06.798	W118 45.642	N34 06 47.87	W118 45 38.53
	BLOXX WP		341738.46N-1184649.50W	N 34.2940173	W 118.7804174	N34 17.641	W118 46.825	N34 17 38.46	W118 46 49.50
	BRIKS WP		332212.42N-1182326.36W	N 33.3701167	W 118.3906556	N33 22.207	W118 23.439	N33 22 12.42	W118 23 26.36
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
AVNIS	LANDO WP		350044.74N-1183658.94W	N 35.0124278	W 118.6163722	N35 00.746	W118 36.982	N35 00 44.74	W118 36 58.94
AVNIS	LAX VORTAC		335559.33N-1182555.24W	N 33.9331472	W 118.4320111	N33 55.989	W118 25.921	N33 55 59.33	W118 25 55.24
	LEGOZ WP		332750.12N-1183555.57W	N 33.4639228	W 118.5987702	N33 27.835	W118 35.926	N33 27 50.12	W118 35 55.57
AVNIS	NUGEE WP		340554.53N-1182735.77W	N 34.0984806	W 118.4599361	N34 05.909	W118 27.596	N34 05 54.53	W118 27 35.77
AVNIS	OCN VORTAC		331426.28N-1172503.79W	N 33.2406333	W 117.4177194	N33 14.438	W117 25.063	N33 14 26.28	W117 25 03.79
AVNIS	PACIF WP		331709.19N-1174452.92W	N 33.2858861	W 117.7480333	N33 17.153	W117 44.882	N33 17 09.19	W117 44 52.92
AVNIS	TANDY WP		334447.67N-1183929.06W	N 33.7465750	W 118.6580722	N33 44.794	W118 39.484	N33 44 47.67	W118 39 29.06

RS Results 02 Landing KCRQ/KNFG LEGOZ

Last Evaluation: 24-Jun-2015 11:34:25
Reference Software Version: 1.5.2

Route Evaluation for BLOXX:Landing KCRQ/KNFG LEGOZ

BLOXX:Landing KCRQ/KNFG LEGOZ 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	BLOXX		+24000.0				0.0	0.0
TF	BLDIT	FLY_BY				7.99	10.87	1.0
TF	TANDY	FLY_BY	+17000.0	-19000.0		3.13	22.55	1.0
TF	LEGOZ	FLY_BY	15000.0			51.86	17.19	3.3
TF	BRIKS	FLY_BY	-13000.0			20.01	11.87	6.24
TF	AVOLS	FLY_BY	11000.0		250.0	0.51	7.56	2.94
TF	PACIF	FLY_BY	7000.0			0.0	25.14	1.0
TF	OCN	FLY_BY	5000.0			4.73	16.84	1.0

LEGOZ RNAV

BLOXX:Landing KCRQ/KNFG LEGOZ 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	BLOXX				0.0	0.0							0.0	0.0				
TF	BLDIT	FLY_BY	0.0		27355.58	300.0	0.0	101.0	482.0	559.0	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0
TF	TANDY	FLY_BY	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0
TF	LEGOZ	FLY_BY	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0
TF	BRIKS	FLY_BY	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0
TF	AVOLS	FLY_BY	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0
TF	PACIF	FLY_BY	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0	0.0		7000.0	250.0	0.0	61.0	285.0	346.0
TF	OCN	FLY_BY	0.0		7000.0	250.0	0.0	61.0	285.0	346.0	1.62	39.09	5000.0	250.0	2.37	57.0	276.0	333.0

BLOXX:Landing KCRQ/KNFG LEGOZ 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
BLOXX	BLDIT	TerrainPt_50_BLOXX:Landing KCRQ/KNFG LEGOZ_BLOXX:BLDIT		4E (+-250/+125)	N34° 21' 42.00"	W118° 44' 00.00"	2995.41	true	P	2000.0		5196	5195.41	24-Jun-2015 11:37:03
BLDIT	TANDY	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_BLDIT:TANDY		4E (+-250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jun-2015 11:37:03
TANDY	LEGOZ	TerrainPt_15_BLOXX:Landing KCRQ/KNFG LEGOZ_TANDY:LEGOZ		4E (+-250/+125)	N33° 27' 33.00"	W118° 34' 09.00"	1817.59	true	P	2000.0		4018	4017.59	24-Jun-2015 11:37:03
LEGOZ	BRIKS	TerrainPt_16_BLOXX:Landing KCRQ/KNFG LEGOZ_LEGOZ:BRIKS		4E (+-250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:37:03
BRIKS	AVOLS	TerrainPt_16_BLOXX:Landing KCRQ/KNFG LEGOZ_BRIKS:AVOLS		4E (+-250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:37:03
AVOLS	PACIF	UDO 3747	UDO	4D (+-250/+50)	N33° 15' 58.40"	W117° 57' 26.62"	209.0	true	P	2000.0		2209	2209.0	17-Mar-2015 11:22:01
PACIF	OCN	TerrainPt_30_BLOXX:Landing KCRQ/KNFG LEGOZ_PACIF:OCN		4E (+-250/+125)	N33° 16' 21.00"	W117° 23' 45.00"	410.1	true	P	2000.0		2611	2610.1	24-Jun-2015 11:37:03

BLOXX:Landing KCRQ/KNFG LEGOZ Criteria Failures

No failures.

Route Evaluation for EHF:Landing KCRQ/KNFG LEGOZ

EHF:Landing KCRQ/KNFG LEGOZ 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	BADGE	FLY_BY				47.3	38.71	20.0
TF	BLOXX	FLY_BY	+24000.0			15.84	40.99	27.24
TF	BLDIT	FLY_BY				7.99	10.87	7.24
TF	TANDY	FLY_BY	+17000.0	-19000.0		3.13	22.55	1.0
TF	LEGOZ	FLY_BY	15000.0			51.86	17.19	3.3
TF	BRIKS	FLY_BY	-13000.0			20.01	11.87	6.24
TF	AVOLS	FLY_BY	11000.0		250.0	0.51	7.56	2.94
TF	PACIF	FLY_BY	7000.0			0.0	25.14	1.0
TF	OCN	FLY_BY	5000.0			4.73	16.84	1.0

EHF:Landing KCRQ/KNFG LEGOZ 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	BADGE	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	20.0	45.66	37603.06	300.0	6.0	121.0	587.0	570.0
TF	BLOXX	FLY_BY	20.0	45.66	37603.06	300.0	6.0	121.0	587.0	570.0	7.24	52.05	27355.58	300.0	5.0	101.0	482.0	559.0
TF	BLDIT	FLY_BY	7.24	52.05	27355.58	300.0	5.0	101.0	482.0	559.0	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0
TF	TANDY	FLY_BY	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0
TF	LEGOZ	FLY_BY	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0
TF	BRIKS	FLY_BY	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0
TF	AVOLS	FLY_BY	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0
TF	PACIF	FLY_BY	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0	0.0		7000.0	250.0	0.0	61.0	285.0	346.0
TF	OCN	FLY_BY	0.0		7000.0	250.0	0.0	61.0	285.0	346.0	1.62	39.09	5000.0	250.0	2.37	57.0	276.0	333.0

EHF:Landing KCRQ/KNFG LEGOZ 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	BADGE	TerrainPt_21_EHF:Landing KCRQ/KNFG LEGOZ_EHF:BADGE		4E (+- 250/+125)	N35° 02' 27.00"	W118° 34' 18.00"	7765.75	true	S	1291.6		9258	9257.34	24-Jun-2015 11:37:03
BADGE	BLOXX	TerrainPt_38_EHF:Landing KCRQ/KNFG LEGOZ_BADGE:BLOXX		4E (+- 250/+125)	N34° 56' 48.00"	W118° 35' 27.00"	6814.3	true	P	2000.0		9015	9014.3	24-Jun-2015 11:37:03
BLOXX	BLDIT	TerrainPt_50_BLOXX:Landing KCRQ/KNFG LEGOZ_BLOXX:BLDIT		4E (+- 250/+125)	N34° 21' 42.00"	W118° 44' 00.00"	2995.41	true	P	2000.0		5196	5195.41	24-Jun-2015 11:37:03
BLDIT	TANDY	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_BLDIT:TANDY		4E (+- 250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jun-2015 11:37:03
TANDY	LEGOZ	TerrainPt_15_BLOXX:Landing KCRQ/KNFG LEGOZ_TANDY:LEGOZ		4E (+- 250/+125)	N33° 27' 33.00"	W118° 34' 09.00"	1817.59	true	P	2000.0		4018	4017.59	24-Jun-2015 11:37:03
LEGOZ	BRIKS	TerrainPt_16_BLOXX:Landing KCRQ/KNFG LEGOZ_LEGOZ:BRIKS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:37:03
BRIKS	AVOLS	TerrainPt_16_BLOXX:Landing KCRQ/KNFG LEGOZ_BRIKS:AVOLS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:37:03
AVOLS	PACIF	UDO 3747	UDO	4D (+- 250/+50)	N33° 15' 58.40"	W117° 57' 26.62"	209.0	true	P	2000.0		2209	2209.0	17-Mar-2015 11:22:01
PACIF	OCN	TerrainPt_30_BLOXX:Landing KCRQ/KNFG LEGOZ_PACIF:OCN		4E (+- 250/+125)	N33° 16' 21.00"	W117° 23' 45.00"	410.1	true	P	2000.0		2611	2610.1	24-Jun-2015 11:37:03

EHF:Landing KCRQ/KNFG LEGOZ Criteria Failures

No failures.

Route Evaluation for LANDO:Landing KCRQ/KNFG LEGOZ

LANDO:Landing KCRQ/KNFG LEGOZ 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	LANDO		-23000.0				0.0	0.0
TF	NUGEE	FLY_BY				0.0	55.29	1.0
TF	LAX	FLY_BY				24.59	10.0	9.4
TF	LEGOZ	FLY_BY	15000.0			78.3	29.32	14.93
TF	BRIKS	FLY_BY	-13000.0			20.01	11.87	8.46
TF	AVOLS	FLY_BY	11000.0		250.0	0.51	7.56	2.94
TF	PACIF	FLY_BY	7000.0			0.0	25.14	1.0
TF	OCN	FLY_BY	5000.0			4.73	16.84	1.0

LANDO:Landing KCRQ/KNFG LEGOZ 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	LANDO				0.0	0.0							0.0	0.0				
TF	NUGEE	FLY_BY	0.0		23000.0	300.0	0.0	93.0	446.0	516.0	0.0		23000.0	300.0	0.0	93.0	446.0	516.0
TF	LAX	FLY_BY	0.0		23000.0	300.0	0.0	93.0	446.0	516.0	9.4	43.15	22328.92	300.0	5.0	91.0	441.0	509.0
TF	LEGOZ	FLY_BY	9.4	43.15	22328.92	300.0	5.0	91.0	441.0	509.0	5.53	6.79	15000.0	300.0	25.0	77.0	389.0	466.0
TF	BRIKS	FLY_BY	5.53	6.79	15000.0	300.0	25.0	77.0	389.0	466.0	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0
TF	AVOLS	FLY_BY	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0
TF	PACIF	FLY_BY	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0	0.0		7000.0	250.0	0.0	61.0	285.0	346.0
TF	OCN	FLY_BY	0.0		7000.0	250.0	0.0	61.0	285.0	346.0	1.62	39.09	5000.0	250.0	2.37	57.0	276.0	333.0

LEGOZ RNAV

LANDO:Landing KCRQ/KNFG LEGOZ 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
LANDO	NUGEE	TerrainPt_19_LANDO:Landing KCRQ/KNFG LEGOZ_LANDO:NUGEE		4E (+- 250/+125)	N35° 02' 27.00"	W118° 34' 18.00"	7765.75	true	P	2000.0		9966	9965.75	24-Jun-2015 11:37:03
NUGEE	LAX	TerrainPt_8_LANDO:Landing KCRQ/KNFG LEGOZ_NUGEE:LAX		4E (+- 250/+125)	N34° 06' 15.00"	W118° 32' 27.00"	2037.4	true	P	2000.0		4238	4237.4	24-Jun-2015 11:37:03
LAX	LEGOZ	TerrainPt_7_LANDO:Landing KCRQ/KNFG LEGOZ_LAX:LEGOZ		4E (+- 250/+125)	N33° 27' 33.00"	W118° 34' 09.00"	1817.59	true	P	2000.0		4018	4017.59	24-Jun-2015 11:37:03
LEGOZ	BRIKS	TerrainPt_16_BLOXX:Landing KCRQ/KNFG LEGOZ_LEGOZ:BRIKS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:37:03
BRIKS	AVOLS	TerrainPt_16_BLOXX:Landing KCRQ/KNFG LEGOZ_BRIKS:AVOLS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:37:03
AVOLS	PACIF	UDO 3747	UDO	4D (+- 250/+50)	N33° 15' 58.40"	W117° 57' 26.62"	209.0	true	P	2000.0		2209	2209.0	17-Mar-2015 11:22:01
PACIF	OCN	TerrainPt_30_BLOXX:Landing KCRQ/KNFG LEGOZ_PACIF:OCN		4E (+- 250/+125)	N33° 16' 21.00"	W117° 23' 45.00"	410.1	true	P	2000.0		2611	2610.1	24-Jun-2015 11:37:03

LANDO:Landing KCRQ/KNFG LEGOZ Criteria Failures

No failures.

Evaluation Input

Name:	RS Results 02 Landing KCRQ/KNFG LEGOZ
Project:	CRQ_NFG LEGOZ STAR PAPERWORK_20150617
Last evaluated:	24-Jun-2015 11:34:25
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

No failures.

Obstacles Requiring Accuracy Code Verification

None.

RS Results Landing KCRQ/KNFG LEGOZ

Last Evaluation: 24-Jun-2015 11:33:54
Reference Software Version: 1.5.2

Route Evaluation for BLOXX:Landing KCRQ/KNFG LEGOZ

BLOXX:Landing KCRQ/KNFG LEGOZ 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	BLOXX		+24000.0				0.0	0.0
TF	BLDIT	FLY_BY				7.99	10.87	1.0
TF	TANDY	FLY_BY	+17000.0	-19000.0		3.13	22.55	1.0
TF	LEGOZ	FLY_BY	15000.0			51.86	17.19	3.3
TF	BRIKS	FLY_BY	-13000.0			20.01	11.87	6.24
TF	AVOLS	FLY_BY	11000.0		250.0	0.51	7.56	2.94
TF	PACIF	FLY_BY	7000.0			0.0	25.14	1.0
TF	OCN	FLY_BY	5000.0			4.73	16.84	1.0

BLOXX:Landing KCRQ/KNFG LEGOZ 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	BLOXX				0.0	0.0							0.0	0.0				
TF	BLDIT	FLY_BY	0.0		27355.58	300.0	0.0	101.0	482.0	559.0	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0
TF	TANDY	FLY_BY	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0
TF	LEGOZ	FLY_BY	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0
TF	BRIKS	FLY_BY	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0
TF	AVOLS	FLY_BY	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0
TF	PACIF	FLY_BY	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0	0.0		7000.0	250.0	0.0	61.0	285.0	346.0
TF	OCN	FLY_BY	0.0		7000.0	250.0	0.0	61.0	285.0	346.0	1.62	39.09	5000.0	250.0	2.37	57.0	276.0	333.0

LEGOZ RNAV

BLOXX:Landing KCRQ/KNFG LEGOZ 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
BLOXX	BLDIT	TerrainPt_1_BLOXX:Landing KCRQ/KNFG LEGOZ_BLOXX:BLDIT		4E (+- 250/+125)	N34° 21' 42.00"	W118° 44' 00.00"	2995.41	true	P	2000.0		5196	5195.41	24-Jun-2015 11:34:01
BLDIT	TANDY	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_BLDIT:TANDY		4E (+- 250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jun-2015 11:34:01
TANDY	LEGOZ	TerrainPt_15_BLOXX:Landing KCRQ/KNFG LEGOZ_TANDY:LEGOZ		4E (+- 250/+125)	N33° 27' 33.00"	W118° 34' 09.00"	1817.59	true	P	2000.0		4018	4017.59	24-Jun-2015 11:34:01
LEGOZ	BRIKS	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_LEGOZ:BRIKS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:34:01
BRIKS	AVOLS	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_BRIKS:AVOLS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:34:01
AVOLS	PACIF	UDO 3747	UDO	4D (+- 250/+50)	N33° 15' 58.40"	W117° 57' 26.62"	209.0	true	P	2000.0		2209	2209.0	17-Mar-2015 11:22:01
PACIF	OCN	TerrainPt_30_BLOXX:Landing KCRQ/KNFG LEGOZ_PACIF:OCN		4E (+- 250/+125)	N33° 16' 21.00"	W117° 23' 45.00"	410.1	true	P	2000.0		2611	2610.1	24-Jun-2015 11:34:01

BLOXX:Landing KCRQ/KNFG LEGOZ Criteria Failures

No failures.

Route Evaluation for EHF:Landing KCRQ/KNFG LEGOZ

EHF:Landing KCRQ/KNFG LEGOZ 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	BADGE	FLY_BY				47.3	38.71	20.0
TF	BLOXX	FLY_BY	+24000.0			15.84	40.99	27.24
TF	BLDIT	FLY_BY				7.99	10.87	7.24
TF	TANDY	FLY_BY	+17000.0	-19000.0		3.13	22.55	1.0
TF	LEGOZ	FLY_BY	15000.0			51.86	17.19	3.3
TF	BRIKS	FLY_BY	-13000.0			20.01	11.87	6.24
TF	AVOLS	FLY_BY	11000.0		250.0	0.51	7.56	2.94
TF	PACIF	FLY_BY	7000.0			0.0	25.14	1.0
TF	OCN	FLY_BY	5000.0			4.73	16.84	1.0

EHF:Landing KCRQ/KNFG LEGOZ 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	BADGE	FLY_BY	0.0		41000.0	300.0	0.0	128.0	629.0	570.0	20.0	45.66	37603.06	300.0	6.0	121.0	587.0	570.0
TF	BLOXX	FLY_BY	20.0	45.66	37603.06	300.0	6.0	121.0	587.0	570.0	7.24	52.05	27355.58	300.0	5.0	101.0	482.0	559.0
TF	BLDIT	FLY_BY	7.24	52.05	27355.58	300.0	5.0	101.0	482.0	559.0	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0
TF	TANDY	FLY_BY	3.29	47.14	24638.4	300.0	5.0	96.0	459.0	532.0	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0
TF	LEGOZ	FLY_BY	3.64	133.39	19000.0	300.0	1.56	85.0	416.0	500.0	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0
TF	BRIKS	FLY_BY	3.3	6.79	15000.0	300.0	25.0	77.0	389.0	466.0	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0
TF	AVOLS	FLY_BY	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0
TF	PACIF	FLY_BY	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0	0.0		7000.0	250.0	0.0	61.0	285.0	346.0
TF	OCN	FLY_BY	0.0		7000.0	250.0	0.0	61.0	285.0	346.0	1.62	39.09	5000.0	250.0	2.37	57.0	276.0	333.0

EHF:Landing KCRQ/KNFG LEGOZ 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	BADGE	TerrainPt_21_EHF:Landing KCRQ/KNFG LEGOZ_EHF:BADGE		4E (+- 250/+125)	N35° 02' 27.00"	W118° 34' 18.00"	7765.75	true	S	1291.6		9258	9257.34	24-Jun-2015 11:34:01
BADGE	BLOXX	TerrainPt_0_EHF:Landing KCRQ/KNFG LEGOZ_BADGE:BLOXX		4E (+- 250/+125)	N34° 56' 48.00"	W118° 35' 27.00"	6814.3	true	P	2000.0		9015	9014.3	24-Jun-2015 11:34:01
BLOXX	BLDIT	TerrainPt_1_BLOXX:Landing KCRQ/KNFG LEGOZ_BLOXX:BLDIT		4E (+- 250/+125)	N34° 21' 42.00"	W118° 44' 00.00"	2995.41	true	P	2000.0		5196	5195.41	24-Jun-2015 11:34:01
BLDIT	TANDY	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_BLDIT:TANDY		4E (+- 250/+125)	N34° 05' 06.00"	W118° 47' 09.00"	2824.8	true	P	2000.0		5025	5024.8	24-Jun-2015 11:34:01
TANDY	LEGOZ	TerrainPt_15_BLOXX:Landing KCRQ/KNFG LEGOZ_TANDY:LEGOZ		4E (+- 250/+125)	N33° 27' 33.00"	W118° 34' 09.00"	1817.59	true	P	2000.0		4018	4017.59	24-Jun-2015 11:34:01
LEGOZ	BRIKS	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_LEGOZ:BRIKS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:34:01
BRIKS	AVOLS	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_BRIKS:AVOLS		4E (+- 250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:34:01
AVOLS	PACIF	UDO 3747	UDO	4D (+- 250/+50)	N33° 15' 58.40"	W117° 57' 26.62"	209.0	true	P	2000.0		2209	2209.0	17-Mar-2015 11:22:01
PACIF	OCN	TerrainPt_30_BLOXX:Landing KCRQ/KNFG LEGOZ_PACIF:OCN		4E (+- 250/+125)	N33° 16' 21.00"	W117° 23' 45.00"	410.1	true	P	2000.0		2611	2610.1	24-Jun-2015 11:34:01

EHF:Landing KCRQ/KNFG LEGOZ Criteria Failures

No failures.

Route Evaluation for LANDO:Landing KCRQ/KNFG LEGOZ

LANDO:Landing KCRQ/KNFG LEGOZ 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	LANDO		-23000.0				0.0	0.0
TF	NUGEE	FLY_BY				0.0	55.29	1.0
TF	LAX	FLY_BY				24.59	10.0	9.4
TF	LEGOZ	FLY_BY	15000.0			78.3	29.32	14.93
TF	BRIKS	FLY_BY	-13000.0			20.01	11.87	8.46
TF	AVOLS	FLY_BY	11000.0		250.0	0.51	7.56	2.94
TF	PACIF	FLY_BY	7000.0			0.0	25.14	1.0
TF	OCN	FLY_BY	5000.0			4.73	16.84	1.0

LANDO:Landing KCRQ/KNFG LEGOZ 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	LANDO				0.0	0.0							0.0	0.0				
TF	NUGEE	FLY_BY	0.0		23000.0	300.0	0.0	93.0	446.0	516.0	0.0		23000.0	300.0	0.0	93.0	446.0	516.0
TF	LAX	FLY_BY	0.0		23000.0	300.0	0.0	93.0	446.0	516.0	9.4	43.15	22328.92	300.0	5.0	91.0	441.0	509.0
TF	LEGOZ	FLY_BY	9.4	43.15	22328.92	300.0	5.0	91.0	441.0	509.0	5.53	6.79	15000.0	300.0	25.0	77.0	389.0	466.0
TF	BRIKS	FLY_BY	5.53	6.79	15000.0	300.0	25.0	77.0	389.0	466.0	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0
TF	AVOLS	FLY_BY	2.94	16.65	12889.68	300.0	10.0	73.0	376.0	449.0	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0
TF	PACIF	FLY_BY	0.52	116.15	11000.0	250.0	1.0	69.0	304.0	373.0	0.0		7000.0	250.0	0.0	61.0	285.0	346.0
TF	OCN	FLY_BY	0.0		7000.0	250.0	0.0	61.0	285.0	346.0	1.62	39.09	5000.0	250.0	2.37	57.0	276.0	333.0

LEGOZ RNAV

LANDO:Landing KCRQ/KNFG LEGOZ 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
LANDO	NUGEE	TerrainPt_19_LANDO:Landing KCRQ/KNFG LEGOZ_LANDO:NUGEE		4E (+-250/+125)	N35° 02' 27.00"	W118° 34' 18.00"	7765.75	true	P	2000.0		9966	9965.75	24-Jun-2015 11:34:01
NUGEE	LAX	TerrainPt_0_LANDO:Landing KCRQ/KNFG LEGOZ_NUGEE:LAX		4E (+-250/+125)	N34° 06' 15.00"	W118° 32' 27.00"	2037.4	true	P	2000.0		4238	4237.4	24-Jun-2015 11:34:01
LAX	LEGOZ	TerrainPt_0_LANDO:Landing KCRQ/KNFG LEGOZ_LAX:LEGOZ		4E (+-250/+125)	N33° 27' 33.00"	W118° 34' 09.00"	1817.59	true	P	2000.0		4018	4017.59	24-Jun-2015 11:34:01
LEGOZ	BRIKS	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_LEGOZ:BRIKS		4E (+-250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:34:01
BRIKS	AVOLS	TerrainPt_0_BLOXX:Landing KCRQ/KNFG LEGOZ_BRIKS:AVOLS		4E (+-250/+125)	N33° 22' 36.00"	W118° 25' 09.00"	2099.74	true	P	2000.0		4300	4299.74	24-Jun-2015 11:34:01
AVOLS	PACIF	UDO 3747	UDO	4D (+-250/+50)	N33° 15' 58.40"	W117° 57' 26.62"	209.0	true	P	2000.0		2209	2209.0	17-Mar-2015 11:22:01
PACIF	OCN	TerrainPt_30_BLOXX:Landing KCRQ/KNFG LEGOZ_PACIF:OCN		4E (+-250/+125)	N33° 16' 21.00"	W117° 23' 45.00"	410.1	true	P	2000.0		2611	2610.1	24-Jun-2015 11:34:01

LANDO:Landing KCRQ/KNFG LEGOZ Criteria Failures

No failures.

Evaluation Input

Name:	RS Results Landing KCRQ/KNFG LEGOZ
Project:	CRQ_NFG LEGOZ STAR PAPERWORK_20150617
Last evaluated:	24-Jun-2015 11:33:54
Evaluated obstacles?:	true
Obstacle Database:	-
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
UddfObstacle	03/09/2015
Tiled AVNII	N/A
OEAAA	N/A
NFDC	04/30/2015
IFP_OFFLINE	N/A
AVNIS	06/24/2015
DOF	04/30/2015
AVNII_OFFLINE	N/A
AVNII	06/24/2015
CIFP	06/25/2015

Notes: