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Airspace case #: LPV EXISTING Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: LPV
Navaid Frequency (MHz): 110.30

Navaid Latitude: 29. 36 30
Navaid Longitude: 95. 9 48

Runway Heading (True): 170.0
Runway Elevation (Ft. MSL): 30.
Runway Length (Ft): 9001.

Prop ID Stat	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
1	NEW-	88.10	29. 19 28	94. 47 8	.010	312.	26.07	310.80	A
2	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	3.56	187.24	L
3	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	17.35	83.27	L
4	KSBJ	89.30	30. 12 26	95. 5 28	100.000	938.	36.13	185.97	L
5	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	12.66	9.57	L
6	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	25.11	131.79	A
7	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	25.11	131.79	C
8	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	27.19	134.13	L
9	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	18.95	11.62	L
10	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	12.56	123.41	L
11	K216	91.10	29. 23 45	94. 44 10	.140	449.	25.70	299.75	L
12	KTRU	91.70	30. 3 54	95. 16 10	50.000	574.	27.95	168.60	L
13	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	22.92	29.48	C
14	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	22.92	29.48	C
15	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	9.10	20.03	L
16	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	18.19	83.90	L
17	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	18.19	83.90	L
18	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	17.35	83.22	L
19	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	18.19	83.90	L
20	KLDE	94.50	29. 45 32	95. 22 3	78.000	843.	13.96	130.32	L
21	KIKK	95.70	29. 34 34	95. 30 36	7.500	1175.	18.19	83.90	L
22	KIKK	95.70	29. 34 34	95. 30 36	95.000	1985.	18.19	83.90	L
23	KIKK	95.70	29. 44 56	95. 28 55	19.000	725.	18.63	116.92	L
24	KHMX	96.50	29. 34 34	95. 30 36	97.000	1985.	18.19	83.90	L
25	K247	97.30	29. 19 28	94. 47 8	.180	377.	26.07	310.80	C
26	KBXX	97.90	29. 34 34	95. 30 36	7.000	1073.	18.19	83.90	L
27	KBXX	97.90	29. 34 34	95. 30 36	95.000	1985.	18.19	83.90	L
28	KODA	99.10	29. 34 34	95. 30 36	95.000	1985.	18.19	83.90	L
29	KODA	99.10	29. 45 32	95. 22 3	72.000	843.	13.96	130.32	L
30	K259	99.70	29. 37 23	95. 33 7	.130	531.	20.29	92.50	L
31	KILT	100.30	29. 34 34	95. 30 36	95.000	1985.	18.19	83.90	L
32	KLOL	101.10	29. 34 34	95. 30 36	7.000	1119.	18.19	83.90	L
33	KLOL	101.10	29. 34 34	95. 30 36	95.000	1985.	18.19	83.90	L
34	KMJQ	102.10	29. 34 27	95. 29 37	100.000	1785.	17.35	83.22	L

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	35	KMJQ	102.10	29.	43	26	95.	26	27	3.200	374.	16.04	115.60	L
	36	KMJQ	102.10	29.	45	32	95.	22	3	13.000	837.	13.96	130.32	L
	37	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	12.77	134.40	L
	38	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	18.19	83.90	L
	39	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	18.19	83.90	L
	40	KLTP	104.90	29.	23	45	94.	44	10	1.900	404.	25.70	299.75	L
	41	KLTO	104.90	29.	30	31	95.	27	58	2.550	433.	16.90	69.26	A
	42	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	31.19	96.26	L
	43	K285	104.90	29.	45	30	95.	22	3	.050	1050.	13.94	130.22	A
	44	K285	104.90	29.	54	22	95.	31	25	.060	413.	25.91	133.59	L
	45	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	17.69	82.20	L
*	46	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	18.70	351.61	L
	47	KKHT	106.90	30.	13	50	95.	7	25	90.000	1998.	37.39	183.17	C
	48	KKHT	106.90	30.	20	2	95.	12	51	95.000	1296.	43.61	176.53	L
	49	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	19.56	10.48	L
	50	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	.46	57.42	V
	51	VVUH	113.00	29.	16	9	94.	52	4	.150	26.	25.55	322.81	V
	52	VMHF	113.60	29.	32	47	94.	44	51	.150	29.	22.01	279.72	V
	53	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	22.97	155.56	V
	54	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	6.53	112.66	V

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Loop 4 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 2-signal intermodulation interference found.

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Listing of 3-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
106.50	(46)	KQQK	102.90	(37)	KKPN	99.10	(29)	KODA	110.30	0	1

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Airspace case #: EFD EXISTING 2 Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: EFD
Navaid Frequency (MHz): 111.10

Navaid Latitude: 29. 37 10
Navaid Longitude: 95. 9 49

Runway Heading (True): 350.0
Runway Elevation (Ft. MSL): 36.
Runway Length (Ft): 9001.

Prop Stat	ID Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
1	NEW-	88.10	29. 19 28	94. 47 8	.010	312.	26.52	311.87	A
2	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	2.90	189.18	L
3	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	17.43	81.09	L
4	K208	89.50	28. 57 24	95. 22 8	.250	180.	41.19	15.12	C
5	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	13.31	9.03	L
6	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	24.66	130.65	A
7	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	24.66	130.65	C
8	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	26.72	133.13	L
9	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	19.61	11.18	L
10	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	12.19	120.84	L
11	K216	91.10	29. 2 37	95. 20 11	.130	459.	35.71	14.66	L
12	KYBJ	91.10	29. 2 37	95. 20 11	5.000	459.	35.71	14.66	L
13	K216	91.10	29. 23 45	94. 44 10	.140	449.	26.04	301.01	L
14	KTRU	91.70	30. 3 54	95. 16 10	50.000	574.	27.29	168.36	L
15	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	23.49	28.65	C
16	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	23.49	28.65	C
17	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	9.72	18.61	L
18	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	18.26	81.81	L
19	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	18.26	81.81	L
20	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	17.43	81.03	L
21	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	18.26	81.81	L
22	KLDE	94.50	29. 45 32	95. 22 3	78.000	843.	13.53	128.21	L
23	KIKK	95.70	29. 34 34	95. 30 36	7.500	1175.	18.26	81.81	L
24	KIKK	95.70	29. 34 34	95. 30 36	95.000	1985.	18.26	81.81	L
25	KIKK	95.70	29. 44 56	95. 28 55	19.000	725.	18.32	115.08	L
26	KHMX	96.50	29. 34 34	95. 30 36	97.000	1985.	18.26	81.81	L
27	K247	97.30	29. 19 28	94. 47 8	.180	377.	26.52	311.87	C
28	KBXX	97.90	29. 34 34	95. 30 36	7.000	1073.	18.26	81.81	L
29	KBXX	97.90	29. 34 34	95. 30 36	95.000	1985.	18.26	81.81	L
30	KODA	99.10	29. 34 34	95. 30 36	95.000	1985.	18.26	81.81	L
31	KODA	99.10	29. 45 32	95. 22 3	72.000	843.	13.53	128.21	L
32	K259	99.70	29. 37 23	95. 33 7	.130	531.	20.26	90.61	L
33	KILT	100.30	29. 34 34	95. 30 36	95.000	1985.	18.26	81.81	L
34	KLOL	101.10	29. 34 34	95. 30 36	7.000	1119.	18.26	81.81	L

	35	KLOL	101.10	29.	34	34	95.	30	36	95.000	1985.	18.26	81.81	L
	36	KMJQ	102.10	29.	34	27	95.	29	37	100.000	1785.	17.43	81.03	L
	37	KMJQ	102.10	29.	43	26	95.	26	27	3.200	374.	15.75	113.44	L
	38	KMJQ	102.10	29.	45	32	95.	22	3	13.000	837.	13.53	128.21	L
	39	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	12.30	132.23	L
	40	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	18.26	81.81	L
	41	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	18.26	81.81	L
	42	KLTP	104.90	29.	23	45	94.	44	10	1.900	404.	26.04	301.01	L
	43	KLTO	104.90	29.	30	31	95.	27	58	2.550	433.	17.13	67.16	A
	44	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	31.10	95.04	L
	45	K285	104.90	29.	45	30	95.	22	3	.050	1050.	13.51	128.10	A
	46	K285	104.90	29.	54	22	95.	31	25	.060	413.	25.44	132.53	L
	47	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	17.77	80.06	L
*	48	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	19.36	351.86	L
	49	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	20.21	10.09	L
	50	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	.99	22.33	V
	51	VVUH	113.00	29.	16	9	94.	52	4	.150	26.	26.09	323.67	V
	52	VMHF	113.60	29.	32	47	94.	44	51	.150	29.	22.15	281.41	V
	53	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	22.36	154.89	V
	54	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	6.29	107.10	V

Interference thresholds are computed using the following:

Type of navaid antenna: GRN-29 LPD 23 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 2-signal intermodulation interference found.

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Listing of 3-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
107.50	(49)	KTBZ	106.50	(48)	KQQK	102.90	(39)	KKPN	111.10	0	875

Note: Some 3-signal B1 points masked by A2/B2 interference.

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Airspace case #: DAS EXISTING Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: DAS
Navaid Frequency (MHz): 116.90

Navaid Latitude: 30. 11 23
Navaid Longitude: 94. 38 42

Navaid Elevation (Ft. MSL): 0.

Prop ID Stat	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
1	NEW-	88.10	29. 19 28	94. 47 8	.010	312.	52.43	188.03	A
2	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	41.05	220.21	L
3	NEWx	88.10	30. 9 14	94. 28 23	2.500	500.	9.17	103.55	A
4	K201	88.10	31. 20 18	94. 41 16	.200	591.	68.95	358.17	L
5	NEWx	88.30	30. 32 5	95. 23 58	2.500	500.	44.20	297.92	A
6	NEWx	88.30	30. 32 19	95. 29 37	2.500	804.	48.67	295.48	C
7	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	57.55	230.10	L
8	NEWx	89.10	30. 24 21	93. 23 47	2.500	500.	65.97	78.66	A
9	KSBJ	89.30	30. 12 26	95. 5 28	100.000	938.	23.16	272.60	L
10	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	55.58	211.55	L
11	KTXB	89.70	30. 9 27	93. 48 6	2.500	500.	43.79	92.53	L
12	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	49.07	248.29	A
13	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	49.07	248.29	C
14	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	49.04	251.02	L
15	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	61.69	209.96	L
16	NEWx	90.50	29. 50 29	94. 9 34	2.500	500.	32.76	129.64	A
17	KSHU	90.50	30. 42 50	95. 32 58	3.000	568.	56.37	303.91	L
18	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	46.70	233.21	L
19	K216	91.10	29. 23 45	94. 44 10	.140	449.	47.87	185.69	L
20	KVLU	91.30	30. 6 40	94. 3 10	40.000	463.	31.09	98.73	L
21	K218	91.50	30. 42 13	95. 28 32	.200	702.	52.88	305.67	C
22	KTRU	91.70	30. 3 54	95. 16 10	50.000	574.	33.26	257.00	L
23	K220	91.90	31. 0 0	93. 58 56	.050	741.	59.46	35.15	L
24	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	66.86	214.90	C
25	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	66.86	214.90	C
26	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	52.84	214.71	L
27	KETX	92.30	30. 44 18	94. 55 26	32.000	840.	35.94	336.34	L
28	KTFA	92.50	30. 1 45	93. 52 59	50.000	446.	40.70	103.69	L
29	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	58.14	230.71	L
30	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	58.14	230.71	L
31	K225	92.90	30. 58 31	93. 59 24	.100	640.	58.02	35.67	L
32	KLTN	93.30	30. 3 5	94. 31 37	97.000	1998.	10.32	143.57	L
33	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	57.56	230.08	L
34	KQXY	94.10	30. 6 56	94. 0 0	100.000	607.	33.76	97.57	L
35	KQXY	94.10	30. 8 6	93. 57 1	98.000	1106.	36.19	95.21	C
36	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	58.14	230.71	L

37	KLDE	94.50	29.	45	32	95.	22	3	78.000	843.	45.59	235.46	L
38	KVLL	94.70	31.	0	32	94.	24	14	50.000	699.	50.70	14.22	L
39	KYKR	95.10	30.	3	39	93.	58	49	100.000	466.	35.35	102.64	C
40	KYKR	95.10	30.	8	57	94.	7	59	100.000	568.	26.67	95.24	L
41	KIKK	95.70	29.	34	34	95.	30	36	7.500	1175.	58.14	230.71	L
42	KIKK	95.70	29.	34	34	95.	30	36	95.000	1985.	58.14	230.71	L
43	KIKK	95.70	29.	44	56	95.	28	55	19.000	725.	50.91	238.70	L
44	KYKZ	96.10	30.	17	26	93.	34	35	97.000	1230.	55.72	83.77	L
45	KHMX	96.50	29.	34	34	95.	30	36	97.000	1985.	58.14	230.71	L
46	KRTK	97.10	30.	32	6	95.	1	4	100.000	1998.	28.31	317.03	C
47	KRTK	97.10	30.	32	6	95.	1	5	100.000	1129.	28.32	317.01	L
48	KRTK	97.10	30.	32	6	95.	1	5	100.000	1135.	28.32	317.01	C
49	K247	97.30	29.	19	28	94.	47	8	.180	377.	52.43	188.03	C
50	KAYD	97.50	30.	6	56	94.	0	0	100.000	476.	33.76	97.57	L
51	KAYD	97.50	30.	8	6	93.	57	1	98.000	1106.	36.19	95.21	C
52	KBXX	97.90	29.	34	34	95.	30	36	7.000	1073.	58.14	230.71	L
53	KBXX	97.90	29.	34	34	95.	30	36	95.000	1985.	58.14	230.71	L
54	KHYS	98.50	30.	3	5	94.	31	37	100.000	1998.	10.32	143.57	L
55	KODA	99.10	29.	34	34	95.	30	36	95.000	1985.	58.14	230.71	L
56	KODA	99.10	29.	45	32	95.	22	3	72.000	843.	45.59	235.46	L
57	K259	99.70	29.	37	23	95.	33	7	.130	531.	58.15	234.22	L
58	KCEY	99.70	30.	42	13	95.	28	32	7.300	899.	52.88	305.67	A
59	KCEY	99.70	30.	46	17	95.	23	56	9.100	801.	52.32	311.84	C
60	KSHN	99.90	30.	3	5	94.	31	37	26.000	725.	10.32	143.57	L
61	KILT	100.30	29.	34	34	95.	30	36	95.000	1985.	58.14	230.71	L
62	KRTX	100.70	30.	3	5	94.	31	37	100.000	1998.	10.32	143.57	L
63	KLOL	101.10	29.	34	34	95.	30	36	7.000	1119.	58.14	230.71	L
64	KLOL	101.10	29.	34	34	95.	30	36	95.000	1985.	58.14	230.71	L
65	KKGB	101.30	30.	15	31	93.	30	9	50.000	417.	59.38	86.01	C
66	KSTB	101.50	29.	33	52	94.	23	59	14.000	449.	39.63	161.22	L
67	KWDX	101.70	30.	21	2	94.	13	39	3.000	236.	23.69	65.96	L
68	KSAM	101.70	30.	41	48	95.	33	8	3.700	755.	55.92	302.95	L
69	KMJQ	102.10	29.	34	27	95.	29	37	100.000	1785.	57.56	230.08	L
70	KMJQ	102.10	29.	43	26	95.	26	27	3.200	374.	49.93	235.96	L
71	KMJQ	102.10	29.	45	32	95.	22	3	13.000	837.	45.59	235.46	L
72	KTCX	102.50	29.	59	20	94.	14	42	50.000	505.	24.01	120.13	L
73	KWYX	102.70	31.	3	36	93.	57	42	26.000	738.	63.02	34.05	L
74	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	44.41	234.24	L
75	K277	103.30	30.	4	45	94.	7	58	.250	279.	27.39	104.01	C
76	KBIU	103.70	30.	14	41	93.	20	38	100.000	492.	67.54	87.20	A
77	KBIU	103.70	30.	14	41	93.	20	52	100.000	486.	67.34	87.19	L
78	KVST	103.70	30.	26	55	95.	31	48	15.000	676.	48.40	288.72	L
79	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	58.14	230.71	L
80	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	58.14	230.71	L
81	KKMY	104.50	30.	8	6	93.	57	1	98.000	1106.	36.19	95.21	C
82	KKMY	104.50	30.	8	7	93.	50	39	100.000	417.	41.67	94.50	L
83	KLTP	104.90	29.	23	45	94.	44	10	1.900	404.	47.87	185.69	L
84	KLTO	104.90	29.	30	31	95.	27	58	2.550	433.	59.13	226.28	A
85	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	65.87	241.45	L
86	K285	104.90	29.	45	30	95.	22	3	.050	1050.	45.61	235.42	A
87	K285	104.90	29.	54	22	95.	31	25	.060	413.	48.70	249.55	L
88	KZWA	105.30	30.	5	54	93.	28	33	50.000	499.	60.91	95.16	L

	89	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	58.01	230.00	L
	90	KIOC	106.10	30.	9	31	93.	59	11	98.000	1079.	34.21	93.13	L
*	91	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	58.65	204.46	L
	92	KKHT	106.90	30.	13	50	95.	7	25	90.000	1998.	24.94	275.64	C
	93	KKHT	106.90	30.	20	2	95.	12	51	95.000	1296.	30.74	286.34	L
	94	KJAS	107.30	30.	58	31	93.	59	24	6.000	604.	58.02	35.67	L
	95	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	62.14	209.45	L
	96	KXTJ	107.90	30.	3	5	94.	31	37	100.000	1854.	10.32	143.57	L
	97	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	44.52	217.90	V
	98	VLFK	112.10	31.	9	45	94.	43	1	.150	315.	58.48	356.36	V
	99	VVUH	113.00	29.	16	9	94.	52	4	.150	26.	56.44	191.87	V
	100	VMHF	113.60	29.	32	47	94.	44	51	.150	29.	38.97	187.87	V
	101	VBPT	114.50	29.	56	46	94.	0	59	.150	10.	35.76	114.12	V
	102	VSBI	115.40	29.	41	12	94.	2	17	.150	1930.	43.67	133.73	V
	103	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	38.98	249.00	V
	104	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	46.20	225.52	V

Interference thresholds are computed using the following:

Type of navaid antenna: VOR, Generic
Type of service volume: High Altitude VOR

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 2-signal intermodulation interference found.

Listing of 3-signal intermodulation (B1) combinations

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Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 3-signal intermodulation interference found.

Note: Some 3-signal B1 points masked by A2/B2 interference.

ATTACHMENT

FILE: C:\AAB\DATA\RFI.PRT CASE: RT PRINT DATE: 11-01-1999 14:39:19

Airspace case #: AXH PROPOSED Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: AXH
Navaid Frequency (MHz): 108.90

Navaid Latitude: 29. 30 27
Navaid Longitude: 95. 28 2

Runway Heading (True): 95.0
Runway Elevation (Ft. MSL): 69.
Runway Length (Ft): 5003.

Prop Stat	ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
	1	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	18.91	239.55	L
	2	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	4.25	161.07	L
	3	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	15.20	295.04	L
	4	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	22.97	172.76	A
	5	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	22.97	172.76	C
	6	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	25.25	171.60	L
	7	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	17.39	316.05	L
	8	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	14.03	202.46	L
	9	K216	91.10	29. 2 37	95. 20 11	.130	459.	28.66	346.18	L
	10	KYBJ	91.10	29. 2 37	95. 20 11	5.000	459.	28.66	346.18	L
	11	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	14.64	341.68	C
	12	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	14.64	341.68	C
	13	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	13.00	281.09	L
	14	K221	92.10	29. 46 0	96. 11 30	.080	400.	40.85	112.37	L
	15	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	4.68	151.52	L
	16	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	4.68	151.52	L
	17	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	4.23	161.00	L
	18	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	4.68	151.52	L
	19	KLDE	94.50	29. 45 32	95. 22 3	78.000	843.	15.95	199.02	L
	20	KIKK	95.70	29. 34 34	95. 30 36	7.500	1175.	4.68	151.52	L
	21	KIKK	95.70	29. 34 34	95. 30 36	95.000	1985.	4.68	151.52	L
	22	KIKK	95.70	29. 44 56	95. 28 55	19.000	725.	14.50	176.97	L
	23	KHMX	96.50	29. 34 34	95. 30 36	97.000	1985.	4.68	151.52	L
	24	KBXX	97.90	29. 34 34	95. 30 36	7.000	1073.	4.68	151.52	L
	25	KBXX	97.90	29. 34 34	95. 30 36	95.000	1985.	4.68	151.52	L
	26	KODA	99.10	29. 34 34	95. 30 36	95.000	1985.	4.68	151.52	L
	27	KODA	99.10	29. 45 32	95. 22 3	72.000	843.	15.95	199.02	L
	28	K259	99.70	29. 37 23	95. 33 7	.130	531.	8.22	147.48	L
	29	KILT	100.30	29. 34 34	95. 30 36	95.000	1985.	4.68	151.52	L
	30	KLCL	101.10	29. 34 34	95. 30 36	7.000	1119.	4.68	151.52	L
	31	KLCL	101.10	29. 34 34	95. 30 36	95.000	1985.	4.68	151.52	L
	32	KMJQ	102.10	29. 34 27	95. 29 37	100.000	1785.	4.23	161.00	L
	33	KMJQ	102.10	29. 43 26	95. 26 27	3.200	374.	13.06	186.05	L
	34	KMJQ	102.10	29. 45 32	95. 22 3	13.000	837.	15.95	199.02	L

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	35	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	16.42	204.16	L
	36	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	4.68	151.52	L
	37	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	4.68	151.52	L
	38	KLTO	104.90	29.	30	31	95.	27	58	2.550	433.	.09	221.08	A
	39	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	17.86	121.94	L
	40	K285	104.90	29.	45	30	95.	22	3	.050	1050.	15.92	199.06	A
	41	K285	104.90	29.	54	22	95.	31	25	.060	413.	24.10	173.00	L
	42	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	4.01	155.45	L
	43	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	22.39	303.78	L
*	44	PROP	106.50	29.	16	3	95.	10	9	100.000	1982.	21.22	312.74	P
	45	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	18.05	316.92	L
	46	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	16.52	249.45	V
	47	VELA	116.40	29.	39	46	96.	19	1	.150	206.	45.30	101.87	V
	48	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	27.70	193.20	V
	49	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	13.04	228.92	V

Interference thresholds are computed using the following:

Type of navaid antenna: Wilcox 1261 Dipole 15 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
106.50	(44)	PROP	104.10	(37)	KRBE	108.90	0	1473
106.50	(44)	PROP	104.10	(36)	KRBE	108.90	0	2

Listing of 3-signal intermodulation (B1) combinations

FILE: C:\AAB\DATA\RFI.PRT CASE: RT PRINT DATE: 11-01-1999 14:39:19

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
106.50	(44)	PROP	106.50	(43)	KQQK	104.10	(37)	KRBE	108.90	0	2193
106.50	(44)	PROP	106.50	(43)	KQQK	104.10	(36)	KRBE	108.90	0	6

FILE: C:\AAB\DATA\RFI.PRT CASE: RT PRINT DATE: 11-01-1999 14:41:25

Airspace case #: OIB PROPOSED Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: OIB
Navaid Frequency (MHz): 109.90

Navaid Latitude: 29. 38 14
Navaid Longitude: 95. 17 15

Runway Heading (True): 224.0
Runway Elevation (Ft. MSL): 49.
Runway Length (Ft): 7602.

Prop ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
1	NEW-	88.10	29. 19 28	94. 47 8	.010	312.	32.24	305.60	A
2	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	7.15	255.43	L
3	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	11.39	70.69	L
4	KSBJ	89.30	30. 12 26	95. 5 28	100.000	938.	35.69	196.63	L
5	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	14.88	342.88	L
6	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	19.37	140.75	A
7	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	19.37	140.75	C
8	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	21.59	142.82	L
9	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	20.47	352.51	L
10	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	6.55	142.27	L
11	K216	91.10	29. 23 45	94. 44 10	.140	449.	32.23	296.71	L
12	KTRU	91.70	30. 3 54	95. 16 10	50.000	574.	25.68	182.10	L
13	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	22.21	12.45	C
14	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	22.21	12.45	C
15	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	10.82	341.89	L
16	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	12.17	72.47	L
17	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	12.17	72.47	L
18	KLTN	93.30	30. 3 5	94. 31 37	97.000	1998.	46.74	237.88	L
19	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	11.40	70.62	L
20	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	12.17	72.47	L
21	KLDE	94.50	29. 45 32	95. 22 3	78.000	843.	8.41	150.27	L
22	KIKK	95.70	29. 34 34	95. 30 36	7.500	1175.	12.17	72.47	L
23	KIKK	95.70	29. 34 34	95. 30 36	95.000	1985.	12.17	72.47	L
24	KIKK	95.70	29. 44 56	95. 28 55	19.000	725.	12.15	123.47	L
25	KHMX	96.50	29. 34 34	95. 30 36	97.000	1985.	12.17	72.47	L
26	K247	97.30	29. 19 28	94. 47 8	.180	377.	32.24	305.60	C
27	KBXX	97.90	29. 34 34	95. 30 36	7.000	1073.	12.17	72.47	L
28	KBXX	97.90	29. 34 34	95. 30 36	95.000	1985.	12.17	72.47	L
29	KHYS	98.50	30. 3 5	94. 31 37	100.000	1998.	46.74	237.88	L
30	KODA	99.10	29. 34 34	95. 30 36	95.000	1985.	12.17	72.47	L
31	KODA	99.10	29. 45 32	95. 22 3	72.000	843.	8.41	150.27	L
32	K259	99.70	29. 37 23	95. 33 7	.130	531.	13.82	86.47	L
33	KSHN	99.90	30. 3 5	94. 31 37	26.000	725.	46.74	237.88	L
34	KILT	100.30	29. 34 34	95. 30 36	95.000	1985.	12.17	72.47	L

	35	KRTX	100.70	30.	3	5	94.	31	37	100.000	1998.	46.74	237.88	L
	36	KLOL	101.10	29.	34	34	95.	30	36	7.000	1119.	12.17	72.47	L
	37	KLOL	101.10	29.	34	34	95.	30	36	95.000	1985.	12.17	72.47	L
	38	KMJQ	102.10	29.	34	27	95.	29	37	100.000	1785.	11.40	70.62	L
	39	KMJQ	102.10	29.	43	26	95.	26	27	3.200	374.	9.54	123.05	L
	40	KMJQ	102.10	29.	45	32	95.	22	3	13.000	837.	8.41	150.27	L
	41	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	7.67	159.80	L
	42	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	12.17	72.47	L
	43	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	12.17	72.47	L
	44	KLTP	104.90	29.	23	45	94.	44	10	1.900	404.	32.23	296.71	L
	45	KLTO	104.90	29.	30	31	95.	27	58	.000	0.	12.10	50.38	A
	46	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	24.58	93.89	L
	47	K285	104.90	29.	45	30	95.	22	3	.050	1050.	8.38	150.15	A
	48	K285	104.90	29.	54	22	95.	31	25	.060	413.	20.29	142.68	L
	49	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	11.79	69.48	L
	50	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	22.23	335.52	L
*	51	PROP	106.50	29.	16	3	95.	10	9	100.000	1982.	23.03	344.43	P
	52	KKHT	106.90	30.	13	50	95.	7	25	90.000	1998.	36.61	193.46	C
	53	KKHT	106.90	30.	20	2	95.	12	51	95.000	1296.	41.97	185.21	L
	54	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	21.17	352.04	L
	55	KXTJ	107.90	30.	3	5	94.	31	37	100.000	1854.	46.74	237.88	L
	56	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	6.40	288.05	V
	57	VVUH	113.00	29.	16	9	94.	52	4	.150	26.	31.12	315.20	V
	58	VMHF	113.60	29.	32	47	94.	44	51	.150	29.	28.70	280.95	V
	59	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	19.42	171.00	V
	60	VDAS	116.90	30.	11	23	94.	38	42	.150	75.	47.07	225.23	V
	61	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	.90	209.81	V

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

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Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 2-signal intermodulation interference found.

Listing of 3-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
107.50	(54)	KTBZ	106.50	(51)	PROP	104.10	(43)	KRBE	109.90	0	210

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Airspace case #: PRQ PROPOSED Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: PRQ
Navaid Frequency (MHz): 111.30

Navaid Latitude: 29. 38 4
Navaid Longitude: 95. 15 58

Runway Heading (True): 134.0
Runway Elevation (Ft. MSL): 43.
Runway Length (Ft): 7601.

Prop ID Stat	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
1	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	6.13	251.29	L
2	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	12.40	73.13	L
3	KSBJ	89.30	30. 12 26	95. 5 28	100.000	938.	35.55	194.83	L
4	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	14.42	346.92	L
5	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	20.22	138.60	A
6	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	20.22	138.60	C
7	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	22.41	140.80	L
8	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	20.19	355.59	L
9	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	7.41	136.23	L
10	KPVU	91.30	30. 5 21	95. 59 46	9.800	650.	46.77	125.69	L
11	KTRU	91.70	30. 3 54	95. 16 10	50.000	574.	25.83	179.62	L
12	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	22.31	15.35	C
13	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	22.31	15.35	C
14	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	10.36	347.47	L
15	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	13.20	74.62	L
16	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	13.20	74.62	L
17	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	12.41	73.05	L
18	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	13.20	74.62	L
19	KLDE	94.50	29. 45 32	95. 22 3	78.000	843.	9.15	144.71	L
20	KIKK	95.70	29. 34 34	95. 30 36	7.500	1175.	13.20	74.62	L
21	KIKK	95.70	29. 34 34	95. 30 36	95.000	1985.	13.20	74.62	L
22	KIKK	95.70	29. 44 56	95. 28 55	19.000	725.	13.18	121.40	L
23	KHMX	96.50	29. 34 34	95. 30 36	97.000	1985.	13.20	74.62	L
24	KBXX	97.90	29. 34 34	95. 30 36	7.000	1073.	13.20	74.62	L
25	KBXX	97.90	29. 34 34	95. 30 36	95.000	1985.	13.20	74.62	L
26	KODA	99.10	29. 34 34	95. 30 36	95.000	1985.	13.20	74.62	L
27	KODA	99.10	29. 45 32	95. 22 3	72.000	843.	9.15	144.71	L
28	K259	99.70	29. 37 23	95. 33 7	.130	531.	14.92	87.38	L
29	KILT	100.30	29. 34 34	95. 30 36	95.000	1985.	13.20	74.62	L
30	KLOL	101.10	29. 34 34	95. 30 36	7.000	1119.	13.20	74.62	L
31	KLOL	101.10	29. 34 34	95. 30 36	95.000	1985.	13.20	74.62	L
32	KMJQ	102.10	29. 34 27	95. 29 37	100.000	1785.	12.41	73.05	L
33	KMJQ	102.10	29. 43 26	95. 26 27	3.200	374.	10.57	120.51	L
34	KMJQ	102.10	29. 45 32	95. 22 3	13.000	837.	9.15	144.71	L

	35	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	8.27	152.93	L
	36	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	13.20	74.62	L
	37	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	13.20	74.62	L
	38	KLTO	104.90	29.	30	31	95.	27	58	2.550	433.	12.88	54.12	A
	39	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	25.70	94.09	L
	40	K285	104.90	29.	45	30	95.	22	3	.050	1050.	9.12	144.59	A
	41	K285	104.90	29.	54	22	95.	31	25	.060	413.	21.11	140.55	L
	42	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	12.79	71.93	L
	43	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	21.64	338.03	L
*	44	PROP	106.50	29.	16	3	95.	10	9	100.000	1982.	22.59	347.04	P
	45	KKHT	106.90	30.	13	50	95.	7	25	90.000	1998.	36.53	191.70	C
	46	KKHT	106.90	30.	20	2	95.	12	51	95.000	1296.	42.05	183.68	L
	47	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	20.88	355.02	L
	48	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	5.29	290.08	V
	49	VMHF	113.60	29.	32	47	94.	44	51	.150	29.	27.57	281.05	V
	50	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	19.79	167.89	V
	51	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	1.16	144.95	V

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

There are no 2-signal intermodulation (B1) combinations for this data file.

Listing of 3-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 3-signal intermodulation interference found.

Note: Some 3-signal B1 points masked by A2/B2 interference.

FILE: C:\AAB\DATA\RFI.PRT CASE: RT PRINT DATE: 11-01-1999 14:44:47

Airspace case #: CDG PROPOSED Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: CDG
Navaid Frequency (MHz): 111.90

Navaid Latitude: 29. 59 24
Navaid Longitude: 95. 21 33

Runway Heading (True): 332.0
Runway Elevation (Ft. MSL): 95.
Runway Length (Ft): 12001.

Prop Stat	ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
	1	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	22.10	331.21	L
	2	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	25.90	15.68	L
	3	KSBJ	89.30	30. 12 26	95. 5 28	100.000	938.	19.07	226.87	L
	4	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	36.30	347.09	L
	5	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	10.51	54.06	A
	6	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	10.51	54.06	C
	7	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	10.11	66.90	L
	8	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	41.96	351.22	L
	9	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	15.99	.98	L
	10	K216	91.10	29. 23 45	94. 44 10	.140	449.	48.22	317.67	L
	11	KTRU	91.70	30. 3 54	95. 16 10	50.000	574.	6.48	226.01	L
	12	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	42.86	1.39	C
	13	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	42.86	1.39	C
	14	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	32.24	347.29	L
	15	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	26.05	17.55	L
	16	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	26.05	17.55	L
	17	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	25.91	15.67	L
	18	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	26.05	17.55	L
	19	KLDE	94.50	29. 45 32	95. 22 3	78.000	843.	13.87	1.79	L
	20	KIKK	95.70	29. 34 34	95. 30 36	7.500	1175.	26.05	17.55	L
	21	KIKK	95.70	29. 34 34	95. 30 36	95.000	1985.	26.05	17.55	L
	22	KIKK	95.70	29. 44 56	95. 28 55	19.000	725.	15.81	23.82	L
	23	KHMX	96.50	29. 34 34	95. 30 36	97.000	1985.	26.05	17.55	L
	24	KBXX	97.90	29. 34 34	95. 30 36	7.000	1073.	26.05	17.55	L
	25	KBXX	97.90	29. 34 34	95. 30 36	95.000	1985.	26.05	17.55	L
	26	KODA	99.10	29. 34 34	95. 30 36	95.000	1985.	26.05	17.55	L
	27	KODA	99.10	29. 45 32	95. 22 3	72.000	843.	13.87	1.79	L
	28	K259	99.70	29. 37 23	95. 33 7	.130	531.	24.20	24.51	L
	29	KILT	100.30	29. 34 34	95. 30 36	95.000	1985.	26.05	17.55	L
	30	KLOL	101.10	29. 34 34	95. 30 36	7.000	1119.	26.05	17.55	L
	31	KLOL	101.10	29. 34 34	95. 30 36	95.000	1985.	26.05	17.55	L
	32	KMJQ	102.10	29. 34 27	95. 29 37	100.000	1785.	25.91	15.67	L
	33	KMJQ	102.10	29. 43 26	95. 26 27	3.200	374.	16.52	14.90	L
	34	KMJQ	102.10	29. 45 32	95. 22 3	13.000	837.	13.87	1.79	L

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	35	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	14.01	355.56	L
	36	KVST	103.70	30.	26	55	95.	31	48	15.000	676.	28.91	162.16	L
	37	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	26.05	17.55	L
	38	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	26.05	17.55	L
	39	KLTP	104.90	29.	23	45	94.	44	10	1.900	404.	48.22	317.67	L
	40	KLTO	104.90	29.	30	31	95.	27	58	2.550	433.	29.42	10.92	A
	41	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	28.47	46.78	L
	42	K285	104.90	29.	45	30	95.	22	3	.050	1050.	13.91	1.79	A
	43	K285	104.90	29.	54	22	95.	31	25	.060	413.	9.92	59.51	L
	44	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	26.33	16.08	L
	45	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	43.37	342.65	L
*	46	PROP	106.50	29.	16	3	95.	10	9	100.000	1982.	44.47	347.12	P
	47	KKHT	106.90	30.	13	50	95.	7	25	90.000	1998.	18.92	220.27	C
	48	KKHT	106.90	30.	20	2	95.	12	51	95.000	1296.	21.96	200.03	L
	49	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	42.66	351.01	L
	50	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	25.14	337.04	V
	51	VMHF	113.60	29.	32	47	94.	44	51	.150	29.	41.51	309.88	V
	52	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	2.10	340.74	V
	53	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	20.81	348.41	V

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 2-signal intermodulation interference found.

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Listing of 3-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 3-signal intermodulation interference found.

FILE: C:\AAB\DATA\RFI.PRT CASE: RT PRINT DATE: 11-01-1999 14:47:19

Airspace case #: HUB PROPOSED Site:
Date:
AAM Version 4.21, 051094
Navaid Identifier: HUB
Navaid Frequency (MHz): 109.90

Navaid Latitude: 29. 39 22
Navaid Longitude: 95. 16 0

Runway Heading (True): 44.0
Runway Elevation (Ft. MSL): 39.
Runway Length (Ft): 7602.

Prop ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
1	NEW-	88.10	29. 19 28	94. 47 8	.010	312.	32.05	308.38	A
2	KFTG	88.10	29. 40 2	95. 9 17	.440	131.	5.87	263.48	L
3	KUHF	88.70	29. 34 28	95. 29 37	100.000	1749.	12.81	67.51	L
4	K208	89.50	28. 57 24	95. 22 8	.250	180.	42.31	7.26	C
5	KACC	89.70	29. 24 1	95. 12 13	5.600	358.	15.70	347.90	L
6	KPFT	90.10	29. 53 14	95. 31 22	100.000	764.	19.24	136.11	A
7	KPFT	90.10	29. 53 14	95. 31 22	28.000	764.	19.24	136.11	C
8	KPFT	90.10	29. 55 26	95. 32 17	99.000	545.	21.40	138.67	L
9	KJIC	90.50	29. 17 56	95. 14 11	6.000	620.	21.49	355.78	L
10	KTSU	90.90	29. 43 25	95. 21 52	18.500	318.	6.51	128.48	L
11	K216	91.10	29. 2 37	95. 20 11	.130	459.	36.93	5.67	L
12	KYBJ	91.10	29. 2 37	95. 20 11	5.000	459.	36.93	5.67	L
13	K216	91.10	29. 23 45	94. 44 10	.140	449.	31.80	299.41	L
14	KTRU	91.70	30. 3 54	95. 16 10	50.000	574.	24.53	179.66	L
15	KRTS	92.10	29. 16 33	95. 22 45	100.000	1001.	23.56	14.44	C
16	KRTS	92.10	29. 16 33	95. 22 45	50.000	1001.	23.56	14.44	C
17	KRTS	92.10	29. 27 57	95. 13 23	33.000	636.	11.64	348.72	L
18	KKBQ	92.90	29. 34 34	95. 30 36	9.000	1148.	13.57	69.28	L
19	KKBQ	92.90	29. 34 34	95. 30 36	97.000	1985.	13.57	69.28	L
20	KKRW	93.70	29. 34 27	95. 29 37	100.000	1785.	12.82	67.45	L
21	KLDE	94.50	29. 34 34	95. 30 36	95.000	1985.	13.57	69.28	L
22	KLDE	94.50	29. 45 32	95. 22 3	78.000	843.	8.10	139.57	L
23	KIKK	95.70	29. 34 34	95. 30 36	7.500	1175.	13.57	69.28	L
24	KIKK	95.70	29. 34 34	95. 30 36	95.000	1985.	13.57	69.28	L
25	KIKK	95.70	29. 44 56	95. 28 55	19.000	725.	12.52	116.39	L
26	KHMX	96.50	29. 34 34	95. 30 36	97.000	1985.	13.57	69.28	L
27	K247	97.30	29. 19 28	94. 47 8	.180	377.	32.05	308.38	C
28	KBXX	97.90	29. 34 34	95. 30 36	7.000	1073.	13.57	69.28	L
29	KBXX	97.90	29. 34 34	95. 30 36	95.000	1985.	13.57	69.28	L
30	KODA	99.10	29. 34 34	95. 30 36	95.000	1985.	13.57	69.28	L
31	KODA	99.10	29. 45 32	95. 22 3	72.000	843.	8.10	139.57	L
32	K259	99.70	29. 37 23	95. 33 7	.130	531.	15.01	82.41	L
33	KILT	100.30	29. 34 34	95. 30 36	95.000	1985.	13.57	69.28	L
34	KLOL	101.10	29. 34 34	95. 30 36	7.000	1119.	13.57	69.28	L

	35	KLOL	101.10	29.	34	34	95.	30	36	95.000	1985.	13.57	69.28	L
	36	KMJQ	102.10	29.	34	27	95.	29	37	100.000	1785.	12.82	67.45	L
	37	KMJQ	102.10	29.	43	26	95.	26	27	3.200	374.	9.95	114.13	L
	38	KMJQ	102.10	29.	45	32	95.	22	3	13.000	837.	8.10	139.57	L
	39	KKPN	102.90	29.	45	26	95.	20	18	100.000	1024.	7.12	148.38	L
	40	KRBE	104.10	29.	34	34	95.	30	36	7.400	1093.	13.57	69.28	L
	41	KRBE	104.10	29.	34	34	95.	30	36	95.000	1985.	13.57	69.28	L
	42	KLTP	104.90	29.	23	45	94.	44	10	1.900	404.	31.80	299.41	L
	43	KLTO	104.90	29.	30	31	95.	27	58	.000	0.	13.66	49.62	A
	44	KLTO	104.90	29.	39	54	95.	45	28	2.550	433.	25.61	91.19	L
	45	K285	104.90	29.	45	30	95.	22	3	.050	1050.	8.08	139.41	A
	46	K285	104.90	29.	54	22	95.	31	25	.060	413.	20.10	138.27	L
	47	KHCB	105.70	29.	34	6	95.	29	57	100.000	1677.	13.22	66.53	L
	48	KQQK	106.50	29.	18	0	95.	6	40	100.000	1342.	22.86	339.18	L
*	49	PROP	106.50	29.	16	3	95.	10	9	100.000	1982.	23.87	347.68	P
	50	KTBZ	107.50	29.	17	16	95.	13	53	95.000	1982.	22.18	355.23	L
	51	VEFD	109.40	29.	36	15	95.	10	15	.050	49.	5.89	301.94	V
	52	VVUH	113.00	29.	16	9	94.	52	4	.150	26.	31.20	318.09	V
	53	VMHF	113.60	29.	32	47	94.	44	51	.150	29.	27.87	283.66	V
	54	VIAH	116.60	29.	57	25	95.	20	45	.150	361.	18.51	167.14	V
	55	VHUB	117.60	29.	39	1	95.	16	44	.150	85.	.73	61.23	V

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

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No 2-signal intermodulation interference found.

Listing of 3-signal intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
107.50	(50)	KTBZ	106.50	(49)	PROP	104.10	(41)	KRBE	109.90	0	2435
107.50	(50)	KTBZ	106.50	(49)	PROP	104.10	(40)	KRBE	109.90	0	1104