

Civil Airways of the United States

NOTE: If NO Waypoint Info is shown, Fly that leg by Dead Reckoning.

Version 2									
Amber No. 1									
Southbound-read down					Northbound-read up				
Magnetic Courses		Nautical Miles		City Name	Airport	Waypoint Info.		Magnetic Courses	
Outbound	Inbound	pt. to pt.	leg			NAV	Freq.	Outbound	Inbound
147	-	0	A01-1	Bellingham, WA	KBLI	-	-	-	327
163	148	53		Everett, WA		PAE	110.6	323	343
-	163	24	77	Seattle, WA	KBFI	-	-	343	-
166	-	0	A01-2	Seattle, WA	KBFI	-	-	-	346
-	167	112	112	Portland, OR	KPDX	PDX	111.8	347	-
178	-	0	A01-3	Portland, OR	KPDX	PDX	111.8	-	358
153	179	92		Eugene, OR		EUG	112.9	359	333
158	154	100		Medford, OR		OED	113.6	334	338
145	159	62		Fort Jones, CA		FJS	109.6	339	325
154	145	85		Red Bluff, CA		RBL	115.7	325	334
175	155	62		Williams, CA		ILA	144.4	335	388
-	175	89	490	San Francisco, CA	KSFO	SFO	115.8	355	-
074	-	0	A01-4	San Francisco, CA	KSFO	SFO	115.8	-	254
113	074	67		Modesto, CA		MOD	114.6	254	293
143	114	70		Fresno, CA		CZQ	112.9	294	323
145	143	91		Bakersfield, CA		EHF	115.4	323	325
-	146	99	327	Los Angeles, CA	KLAX	LAX	113.6	326	-
101	-	0	A01-5	Los Angeles, CA	KLAX	-	113.6	-	281
140	101	38		Santa Ana, CA		ELB	117.2	281	320
-	140	62	100	San Diego, CA	KSAN	-	117.8	320	-
1106 NM Total		Flight No. is in the "leg" column, for example ... A01-3							

Civil Airways of the United States

NOTE: If NO Waypoint Info is shown, Fly that leg by Dead Reckoning.

Amber No. 2									
Southbound-read down						Northbound-read up			
Magnetic Courses		Nautical Miles			Airport	Waypoint Info.		Magnetic Courses	
Outbound	Inbound	pt. to pt.	leg	City Name	ICAO	NAV	Freq.	Outbound	Inbound
189	-	0	A02-1	Great Falls, MT	KGTF	-	-	-	009
-	188	58	58	Helena, MT	KHLN	HLN	117.7	008	-
174	-	0	A02-2	Helena, MT	KHLN	HLN	117.7	-	356
173	174	46		Whitehall, MT		HIA	113.7	354	353
152	173	40		Dillon, MT		DLN	113.0	353	352
153	152	70		Dubois, ID		DBS	116.9	332	353
198	153	35		Idaho Falls, ID		IDA	109.0	333	018
134	196	47		Pocatello, ID		PIH	112.6	018	314
170	135	71		Plymouth, UT		LGU	109.8	315	350
-	170	63	372	Salt Lake City, UT	KSLC	-	-	350	-
180	-	0	A02-3	Salt Lake City, UT	KSLC	-	-	-	360
182	181	92		Delta, UT		DTA	116.1	001	002
196	182	95		Mulford, UT		CDC	117.3	002	016
226	196	48		Enterprise, UT		OZN	109.8	016	046
211	226	38		Mormon Mesa, NV		MMM	114.3	046	031
-	211	60	333	Las Vegas, NV	KLAS	LAS	116.9	031	-
214	-	0	A02-4	Las Vegas, NV	KLAS	LAS	116.9	-	034
-	214	108	108	Daggett, CA	KDAG	-	-	034	-
929 NM Total		Flight No. is in the "leg" column, for example ... A01-3							

Civil Airways of the United States

NOTE: If NO Waypoint Info is shown, Fly that leg by Dead Reckoning.

Amber No. 3									
Southbound-read down						Northbound-read up			
Magnetic Courses		Nautical Miles			Airport	Waypoint Info.		Magnetic Courses	
Outbound	Inbound	pt. to pt.	leg	City Name	ICAO	NAV	Freq.	Outbound	Inbound
093	-	0	A03-1	Great Falls, MT	KGTF	-	-	-	273
134	093	76		Lewiston, MT		LWT	112.0	273	314
-	135	87	163	Billings, MT	KBIL	-	-	315	-
118	-	0	A3-2	Billings, MT	KBIL	-	-	-	298
148	119	85		Sheridan, WY		SHR	115.3	299	328
106	150	110		Casper, WY		DDY	116.2	330	286
156	106	53		Douglas, WY		IIP	108.6	286	336
-	156	93	341	Cheyenne, WY	KCYS	-	-	336	-
164	-	0	A03-3	Cheyenne, WY	KCYS	-	-	-	344
-	165	78	78	Denver, CO	KDEN	DEN	117.9	345	-
161	*	0	A03-4	Denver, CO	KDEN	DEN	117.9	-	341
137	161	95		Pueblo, CO		PUB	116.7	341	317
208	138	73		Trinidad, CO		TBE	111.2	138	028
232	207	121		Las Vegas, NM		LVS	117.3	027	052
-	232	81	370	Albuquerque, NM	KABQ	-	-	052	-
175	-	0	A03-5	Albuquerque, NM	KABQ	-	-	-	355
186	175	134		Engle, NM		BWS	109.6	355	006
-	187	64	198	El Paso, TX	KELP	-	-	007	-
1113 NM Total			Flight No. is in the "leg" column, for example ... A01-3						

Civil Airways of the United States

NOTE: If NO Waypoint Info is shown, Fly that leg by Dead Reckoning.

Amber No. 4									
Southbound-read down					Northbound-read up				
Magnetic Courses		Nautical Miles		City Name	Airport	Waypoint Info.		Magnetic Courses	
Outbound	Inbound	pt. to pt.	leg			NAV	Freq.	Outbound	Inbound
120	-	0	A04-1	Bismarck, ND	KBIS	-	-	-	300
170	122	128		Aberdeen, SD		ABR	113.0	302	350
-	170	62	190	Huron, SD	KHON	-	-	350	-
119	-	0	A04-2	Huron, SD	KHON	-	-	-	299
160	119	77		Souix Falls, SD		FSD	115.0	299	340
158	161	80		Souix City, IA		SUX	116.5	341	338
-	158	65	222	Omaha, NE	KOMA	-	-	338	-
150	-	0	A04-3	Omaha, NE	KOMA	-	-	-	330
-	151	133	133	Kansas City, MO	KMCI	MCI	113.25	331	-
198	-	0	A04-4	Kansas City, MO	KMCI	MCI	113.25	-	018
184	197	108		Chanute, MO		CNU	109.2	017	004
-	184	87	195	Tulsa, OK	KTUL	-	-	004	-
239	-	0	A04-5	Tulsa, OK	KTUL	-	-	-	059
-	238	94	94	Oklahoma City, OK	KPWA	PWA	113.4	058	-
165	-	0	A04-6	Oklahoma City, OK	KPWA	PWA	113.4	-	345
-	165	160	160	Dallas, TX	KDFW	TTT	113.1	345	-
174	-	0	A04-7	Dallas, TX	KDFW	TTT	113.1	-	354
-	174	77	77	Waco, TX	KACT	-	-	354	-
185	-	0	A04-8	Waco, TX	KACT	-	-	-	005
218	185	76		Austin, TX		CWK	112.8	005	038
-	218	70	146	San Antonio, TX	KSAT	-	-	038	-
147	-	0	A04-9	San Antonio, TX	KSAT	-	-	-	327
171	147	118		Corpus Christi, TX		CRP	115.5	327	351
-	171	112	230	Brownsville, TX	KBRO	-	-	351	-
1447 NM Total		Flight No. is in the "leg" column, for example ... A01-3							

Civil Airways of the United States

NOTE: If NO Waypoint Info is shown, Fly that leg by Dead Reckoning.

Amber No. 5									
Southbound-read down						Northbound-read up			
Magnetic Courses		Nautical Miles			Airport	Waypoint Info.		Magnetic Courses	
Outbound	Inbound	pt. to pt.	leg	City Name	ICAO	NAV	Freq.	Outbound	Inbound
172	-	0	A05-1	Milwaukee, WI	KMWC	LJT	112.5	-	352
-	172	80	80	Chicago, IL	KMDW	-	-	352	-
240	-	0	A05-2	Chicago, IL	KMDW	-	-	-	060
212	240	30		Joliet, IL		JOT	112.3	060	032
207	210	115		Springfield, IL		CAP	112.7	030	027
-	207	77	222	St. Louis, MO	KSTL	CSX	116.45	027	-
157	-	0	A05-3	St. Louis, MO	KSTL	CSX	116.45	-	337
186	156	98		Cape Girardeau, MO		CGI	112.9	336	006
-	186	132	230	Memphis, TN	KMEM	MEM	117.5	006	-
187	-	0	A05-4	Memphis, TN	KMEM	MEM	117.5	-	007
170	187	96		Greenwood, MS		SQS	114.7	007	350
-	170	70	166	Jackson, MS	KJAN	-	-	350	-
187	-	0	A05-5	Jackson, MS	KJAN	-	-	-	007
169	187	61		Tylertown, MS		MCB	116.7	007	349
-	168	77	138	New Orleans, LA	KNEW	-	-	348	-
824 NM Total		Flight No. is in the "leg" column, for example ... A01-3							

Civil Airways of the United States

NOTE: If NO Waypoint Info is shown, Fly that leg by Dead Reckoning.

Amber No. 6									
Southbound-read down					Northbound-read up				
Magnetic Courses		Nautical Miles		City Name	Airport	Waypoint Info.		Magnetic Courses	
Outbound	Inbound	pt. to pt.	leg			NAV	Freq.	Outbound	Inbound
242	-	0	A06-1	Buffalo, NY	KBUF	-	-	-	62
217	240	89		Erie, PA		ERI	109.4	060	037
254	216	41		Perry, PA		JFN	115.2	036	074
-	253	54	184	Cleveland, OH	KCLE	-	-	073	-
210	-	0	A06-2	Cleveland, OH	KCLE	-	-	-	030
240	209	82		Columbus, OH		APE	116.7	039	060
-	238	117	199	Cincinnati, OH	KCVG	-	-	048	-
227	-	0	A06-3	Cincinnati, OH	KCVG	-	-	-	047
208	226	68		Louisville, KY		BQM	112.2	046	038
195	208	86		Smith's Grove, KY		BWG	117.9	028	015
-	194	49	203	Nashville, TN	KBNA	BNA	114.1	014	-
134	-	0	A06-4	Nashville, TN	KBNA	BNA	114.1	-	314
157	135	102		Chattanooga, TN		GQO	115.8	315	337
-	157	87	189	Atlanta, GA	KATL	ATL	116.9	337	-
147	-	0	A06-5	Atlanta, GA	KATL	ATL	116.9	-	327
142	147	69		Macon, GA		MCN	114.2	327	322
161	143	90		Alma, GA		AMG	115.1	323	341
-	161	85	244	Jacksonville, FL	KVQQ	VQQ	117.9	341	-
1019 NM Total		Flight No. is in the "leg" column, for example ... A01-3							

Civil Airways of the United States

NOTE: If NO Waypoint Info is shown, Fly that leg by Dead Reckoning.

Amber No. 7									
Southbound-read down					Northbound-read up				
Magnetic Courses		Nautical Miles		City Name	Airport	Waypoint Info.		Magnetic Courses	
Outbound	Inbound	pt. to pt.	leg			NAV	Freq.	Outbound	Inbound
216	-	0	A07-01	Presque Isle, ME	KPQI	-	-	-	36
215	215	69		Millinocket, ME		MLT	117.9	035	035
-	214	49	118	Bangor, ME	KBGR	-	-	034	-
253	-	0	A07-02	Bangor, ME	KBGR	-	-	-	073
230	252	50		Augusta, ME		AUG	111.4	072	050
211	229	65		Portland, ME		ENE	117.1	149	031
-	211	66	181	Boston, MA	KBOS	BOS	112.7	031	-
254	-	0	A07-03	Boston, MA	KBOS	BOS	112.7	-	074
246	252	81		Hartford, CT		HFD	114.9	072	066
-	245	93	174	Newark, NJ	KEWR	-	-	065	-
239	-	0	A07-04	Newark, NJ	KEWR	-	-	-	059
-	238	53	53	Philadelphia, PA	KPNE	PNE	112.0	068	-
247	-	0	A07-05	Philadelphia, PA	KPNE	PNE	112.0	-	067
-	245	94	94	Baltimore, MD	KBWI	BAL	115.1	065	-
232	-	0	A07-06	Baltimore, MD	KBWI	BAL	115.1	-	052
-	232	26	26	Washington D.C.	KDCA	DCA	111.0	052	-
199	-	0	A07-07	Washington D.C.	KDCA	DCA	111.0	-	019
-	198	82	82	Richmond, VA	KRIC	RIC	114.1	018	-
225	-	0	A07-08	Richmond, VA	KRIC	RIC	114.1	-	045
210	223	121		Raleigh, NC		RDU	117.2	043	030
199	209	108		Florence, SC		FLO	115.2	029	019
-	198	82	311	Charleston, SC	KCHS	CHS	113.5	018	-
236	-	0	A07-09	Charleston, SC	KCHS	CHS	113.5	-	056
203	235	70		Savannah, GA		SAV	112.7	055	033
-	202	122	192	Jacksonville, FL	KVQQ	VQQ	117.9	022	-
149	-	0	A07-10	Jacksonville, FL	KVQQ	VQQ	117.9	-	329
-	150	76	76	Daytona Beach, FL	KDAB	-	-	330	-
166	-	0	A07-11	Daytona Beach, FL	KDAB	-	-	-	346
175	165	67		Melbourne, FL		MLB	110.0	345	355
-	176	140	207	Miami, FL	KMIA	DHP	113.9	356	-
231	-	0	A07-12	Miami, FL	KMIA	DHP	113.9	-	051
-	229	109	109	Key West, FL	KEYW	-	-	049	-
1624 NM Total		Flight No. is in the "leg" column, for example ... A01-3							