

Civil Airways of the United States

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

| | | | | | | | | | |
|--|---------|-----------------------|-------|--------------------|----------------|--------------------------|-------|-------------------------|---------|
| Version 2 | | | | | | | | | |
| Red No. 1 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 344 | - | 0 | R01-1 | Salt Lake City, UT | KSLC | - | - | - | 154 |
| 284 | 344 | 60 | | Locomotive Spr. UT | | LHO | 112.9 | 154 | 104 |
| 283 | 285 | 95 | | Burley, ID | | BYI | 114.1 | 105 | 103 |
| - | 284 | 119 | 274 | Boise, ID | KBOI | BOI | 113.3 | 104 | - |
| 297 | - | 0 | R01-2 | Boise, ID | KBOI | BOI | 113.3 | - | 117 |
| 338 | 298 | 96 | | Baker, OR | | BKE | 115.3 | 118 | 158 |
| - | 339 | 67 | 163 | Pendelton, OR | KPDT | PDT | 114.7 | 159 | - |
| 252 | - | 0 | R01-3 | Pendelton, OR | KPDT | PDT | 114.7 | - | 072 |
| 245 | 252 | 95 | | North Dales, OR | | LTJ | 112.3 | 072 | 065 |
| - | 245 | 63 | 158 | Portland, OR | KPDX | PDX | 111.8 | 065 | - |
| 595 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 2 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 265 | - | 0 | R02-1 | Belgrade, MT | KBZN | BZN | 112.4 | - | 085 |
| - | 265 | 57 | 57 | Butte, MT | KBTM | - | - | 085 | - |
| 57 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 3 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 244 | - | 0 | R03-1 | New York City, NY | KLGA | LGA | 113.1 | - | 064 |
| - | 243 | 67 | 67 | Philadelphia, PA | KPNE | PNE | 112.0 | 063 | - |
| 67 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 4 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 284 | - | 0 | R04-1 | Tyler, TX | KTYR | TYR | 114.2 | - | 104 |
| - | 285 | 89 | 89 | Dallas, TX | KDFW | TTT | 113.1 | 105 | - |
| 89 NM Total | | | | | | | | | |
| Flight No. is in the "leg" column, for example ... R01-3 | | | | | | | | | |

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| | | | | | | | | | |
| Red No. 6 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 246 | - | 0 | R06-1 | Grand Island, NE | KGRI | GRI | 112.0 | - | 068 |
| 250 | 248 | 123 | | Hayes Center, NE | | HCT | 117.7 | 068 | 070 |
| 149 | 251 | 105 | | Akron, CO | | AKO | 114.4 | 071 | 069 |
| - | 250 | 70 | 298 | Denver, CO | KDEN | DEN | 117.9 | 070 | - |
| 319 | - | 0 | R06-2 | Denver, CO | KDEN | DEN | 117.9 | - | 139 |
| - | 320 | 93 | 93 | Laramie, WY | KLAR | - | - | 140 | - |
| 391 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 9 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 355 | - | 0 | R09-1 | Fargo, ND | KFAR | - | - | - | 175 |
| 356 | 355 | 62 | | Grand Forks, ND | | GFK | 112.4 | 175 | 176 |
| 349 | 356 | 55 | | Pembina, ND | | HML | 114.3 | 176 | 169 |
| - | 349 | 62 | 179 | Winnepeg, Canada | CYWG | YWG | 115.5 | 169 | - |
| 179 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 10 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 300 | - | 0 | R10-1 | Charleston, SC | KCHS | CHS | 113.5 | - | 120 |
| 272 | 299 | 117 | | Augusta, GA | | IRQ | 113.9 | 119 | 092 |
| - | 270 | 113 | 230 | Atlanta, GA | KATL | ATL | 116.9 | 090 | - |
| 273 | - | 0 | R10-2 | Atlanta, GA | KATL | ATL | 116.9 | - | 093 |
| 231 | 271 | 123 | | Birmingham, AL | | VUZ | 114.4 | 091 | 053 |
| 264 | 229 | 124 | | Meridian, MS | | MEI | 117.0 | 049 | 084 |
| - | 264 | 64 | 311 | Jackson, MS | KJAN | - | - | 084 | - |
| 275 | - | 0 | R10-3 | Jackson, MS | KJAN | - | - | - | 095 |
| 261 | 273 | 100 | | Monroe, LA | | MLU | 117.2 | 093 | 081 |
| 275 | 260 | 79 | | Shreveport, LA | | EMG | 111.2 | 080 | 095 |
| - | 272 | 177 | 356 | Dallas, TX | KDFW | TTT | 113.1 | 092 | - |
| 303 | - | 0 | R10-4 | Dallas, TX | KDFW | TTT | 113.1 | - | 123 |
| 278 | 302 | 102 | | Wichita Falls, TX | | SPS | 112.7 | 122 | 097 |
| 298 | 278 | 87 | | Clarendon, TX | | CDS | 117.6 | 098 | 118 |
| - | 297 | 86 | 275 | Amarillo, TX | KAMA | PNH | 116.6 | 117 | - |
| 1172 NM Total | | | | | | | | | |
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| | | | | | | | | | |
| Red No. 11 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 240 | - | 0 | R11-1 | St. Louis, MO | KSTL | CSX | 116.45 | - | 060 |
| 235 | 238 | 72 | | Spring Bluff, MO | | VIH | 117.7 | 058 | 055 |
| 236 | 234 | 91 | | Springfield, MO | | SGF | 116.9 | 054 | 056 |
| 236 | 235 | 61 | | Neosho, MO | | EOS | 117.3 | 055 | 056 |
| - | 235 | 80 | 304 | Tulsa, OK | KTUL | TUL | 114.4 | 055 | - |
| 304 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 12 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 265 | - | 0 | R12-1 | Detroit, MI | KDTW | DXO | 113.4 | - | 085 |
| 274 | 263 | 135 | | South Bend, IN | | GIJ | 115.4 | 083 | 094 |
| - | 272 | 64 | 199 | Chicago, IL | KMDW | - | - | 092 | - |
| 235 | - | 0 | R12-2 | Chicago, IL | KMDW | - | - | - | 055 |
| 272 | 233 | 114 | | Morse, IL | | PIA | 115.2 | 053 | 092 |
| 272 | 271 | 52 | | Burlington, IA | | BRL | 111.4 | 091 | 092 |
| 223 | 270 | 76 | | Kirksville, MO | | IRK | 114.6 | 090 | 043 |
| - | 222 | 133 | 375 | Kansas City, MO | KMCI | MCI | 113.25 | 042 | - |
| 575 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 13 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 222 | - | 0 | R13-1 | Boston, MA | KBOS | BOS | 112.7 | - | 042 |
| 279 | 222 | 42 | | Providence, RI | | PVD | 115.6 | 042 | 097 |
| 014 | 278 | 50 | | Hartford, CT | | HFD | 114.9 | 098 | 194 |
| - | 014 | 33 | 125 | Springfield,. MA | KCEF | CEF | 114.0 | 194 | - |
| 125 NM Total | | | | | | | | | |
| Flight No. is in the "leg" column, for example ... R01-3 | | | | | | | | | |

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| | | | | | | | | | |
| Red No. 14 | | | | | | | | | |
| Westbound-read down | | | | | Eastbound-read up | | | | |
| Magnetic Courses | | Nautical Miles | | City Name | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | | | NAV | Freq. | Outbound | Inbound |
| 344 | - | 0 | R14-1 | Louisville, KY | KLOU | BQM | 112.2 | - | 164 |
| - | 344 | 80 | 95 | Indianapolis, IN | KIND | - | - | 164 | - |
| 326 | - | 0 | R14-2 | Indianapolis, IN | KIND | - | - | - | 146 |
| 339 | 326 | 62 | | Lafayette, IN | | BVT | 115.1 | 146 | 159 |
| - | 338 | 80 | 142 | Chicago, IL | KMDW | - | - | 157 | - |
| 293 | - | 0 | R14-3 | Chicago, IL | KMDW | - | - | - | 113 |
| 324 | 292 | 69 | | Rockford, IL | | RFD | 110.8 | 112 | 144 |
| - | 323 | 73 | 142 | Lone Rock, WI | KLNR | - | - | 143 | - |
| 364 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 15 | | | | | | | | | |
| Westbound-read down | | | | | Eastbound-read up | | | | |
| Magnetic Courses | | Nautical Miles | | City Name | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | | | NAV | Freq. | Outbound | Inbound |
| 306 | - | 0 | R15-1 | Phoenix, AZ | KPHX | - | - | - | 126 |
| 297 | 305 | 145 | | Kingman, AZ | | IGM | 108.8 | 125 | 117 |
| - | 296 | 77 | 222 | Las Vegas, NV | KLAS | LAS | 116.9 | 116 | - |
| 222 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 16 | | | | | | | | | |
| Westbound-read down | | | | | Eastbound-read up | | | | |
| Magnetic Courses | | Nautical Miles | | City Name | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | | | NAV | Freq. | Outbound | Inbound |
| 324 | - | 0 | R16-1 | Charleston, SC | KCHS | CHS | 113.5 | - | 144 |
| - | 324 | 83 | 83 | Columbia, SC | KCAE | - | - | 144 | - |
| 236 | - | 0 | R16-2 | Columbia, SC | KCAE | - | - | - | 056 |
| - | 235 | 54 | 54 | Augusta, GA | KAGS | - | - | 056 | - |
| 137 NM Total | | | Flight No. is in the "leg" column, for example ... R01-3 | | | | | | |

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| | | | | | | | | | |
| Red No. 17 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 293 | - | 0 | R17-1 | Baltimore, MD | KBWI | BAL | 115.1 | - | 113 |
| - | 293 | 63 | 63 | Martinsburg, WV | KMRB | - | - | 113 | - |
| 63 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 18 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 280 | - | 0 | R18-1 | Washington D.C. | KDCA | DCA | 111.0 | - | 100 |
| 291 | 279 | 55 | | Front Royal, VA | | LDN | 114.3 | 099 | 111 |
| 254 | 289 | 88 | | Elkins, WV | | EKN | 114.2 | 109 | 074 |
| 293 | 252 | 86 | | Charleston, WV | | HVQ | 117.4 | 072 | 113 |
| 291 | 293 | 59 | | Huntington, WV | | YRK | 112.8 | 113 | 111 |
| - | 290 | 82 | 370 | Cincinnati, OH | KCVG | CVG | 117.3 | 110 | - |
| 301 | - | 0 | R18-2 | Cincinnati, OH | KCVG | CVG | 117.3 | - | 121 |
| - | 300 | 86 | 86 | Indianapolis, IN | KIND | - | - | 120 | - |
| 456 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 19 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 329 | - | 0 | R19-1 | Dayton, OH | KDAY | DQN | 114.5 | - | 149 |
| 314 | 328 | 78 | | Fort Wayne, IN | | FWA | 117.8 | 148 | 134 |
| 018 | 314 | 50 | | Goshen, IN | | GSH | 113.7 | 134 | 198 |
| - | 018 | 84 | 212 | Grand Rapids, MI | KGRR | - | - | 198 | - |
| 212 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 20 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 321 | - | 0 | R20-1 | Washington D.C. | KDCA | DCA | 111.0 | - | 141 |
| 310 | 320 | 49 | | Martinsburg, WV | | MRB | 112.1 | 140 | 130 |
| - | 309 | 112 | 161 | Pittsburgh, PA | KAGC | - | - | 129 | - |
| 304 | - | 0 | R20-2 | Pittsburgh, PA | KAGC | - | - | - | 122 |
| - | 303 | 77 | 77 | Akron, OH | KCAK | - | - | 121 | - |
| 238 NM Total | | | | | | | | | |
| Flight No. is in the "leg" column, for example ... R01-3 | | | | | | | | | |

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| Red No. 21 | | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | | |
| Outbound | Inbound | pt. to pt. | leg | City Name | | ICAO | NAV | Freq. | Outbound | Inbound |
| 262 | - | 0 | R21-1 | Bellefonte, PA | | N96 | PSB | 115.5 | - | 082 |
| - | 260 | 102 | 102 | Pittsburgh, PA | | KAGC | - | - | 080 | - |
| 316 | - | 0 | R21-2 | Pittsburgh, PA | | KAGC | - | - | - | 136 |
| 296 | 315 | 74 | | Akron, OH | | | ACO | 114.4 | 135 | 116 |
| 320 | 295 | 45 | | Cleveland, OH | | | DJB | 113.6 | 115 | 140 |
| - | 320 | 74 | 193 | Detroit, MI | | KDTW | DXO | 113.4 | 140 | - |
| 295 NM Total | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Red No. 23 | | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | | |
| Outbound | Inbound | pt. to pt. | leg | City Name | | ICAO | NAV | Freq. | Outbound | Inbound |
| 316 | - | 0 | R23-1 | Newark, NJ | | KEWR | - | - | - | 136 |
| 315 | 314 | 153 | | Elmira, NY | | | ULW | 109.65 | 134 | 135 |
| - | 314 | 91 | 244 | Buffalo, NY | | KBUF | - | - | 134 | - |
| 244 NM Total | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Red No. 24 | | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | | |
| Outbound | Inbound | pt. to pt. | leg | City Name | | ICAO | NAV | Freq. | Outbound | Inbound |
| 257 | - | 0 | R24-1 | Oklahoma City, OK | | KPWA | PWA | 113.4 | - | 077 |
| - | 255 | 200 | 200 | Amarillo, TX | | KAMA | PNH | 116.6 | 075 | - |
| 200 NM Total | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Red No. 25 | | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | | |
| Outbound | Inbound | pt. to pt. | leg | City Name | | ICAO | NAV | Freq. | Outbound | Inbound |
| 232 | - | 0 | R25-1 | Daytona Beach, FL | | KDAB | - | - | - | 052 |
| 153 | 230 | 115 | | Tampa, FL | | | PIE | 116.4 | 050 | 333 |
| - | 153 | 91 | 206 | Fort Myers, FL | | KFMY | - | - | 333 | - |
| 121 | - | 0 | R25-2 | Fort Myers, FL | | KFMY | - | - | - | 301 |
| | 123 | 98 | 98 | Miami, FL | | KMIA | - | - | 303 | |
| 304 NM Total | | | | Flight No. is in the "leg" column, for example ... R01-3 | | | | | | |

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| | | | | | | | | | |
| Red No. 26 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 210 | - | 0 | R26-1 | Burlington, VT | KBTW | - | - | - | 030 |
| 195 | 209 | 108 | | Albany, NY | | ALB | 115.3 | 029 | 015 |
| - | 194 | 118 | 226 | New York City, NY | KLGA | LGA | 113.1 | 014 | - |
| 226 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 27 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 212 | - | 0 | R27-1 | Detroit, MI | KDTW | DXO | 113.4 | - | 032 |
| 200 | 210 | 47 | | Toledo, OH | | WMV | 113.1 | 030 | 020 |
| - | 200 | 97 | 144 | Dayton, OH | KDAY | - | - | 020 | - |
| 144 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 28 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 240 | - | 0 | R28-1 | Grand Rapids, MI | KGRR | - | - | - | 060 |
| - | 238 | 118 | 118 | Chicago, IL | KMDW | - | - | 058 | - |
| 118 NM Total | | | | | | | | | |
| | | | | | | | | | |
| Red No. 29 | | | | | | | | | |
| Westbound-read down | | | | Eastbound-read up | | | | | |
| Magnetic Courses | | Nautical Miles | | | | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | Airport ICAO | NAV | Freq. | Outbound | Inbound |
| 355 | - | 0 | R29-1 | Baltimore, MD | KBWI | BAL | 115.1 | - | 175 |
| 022 | 355 | 70 | | Harrisburg, PA | | HAR | 112.5 | 175 | 202 |
| 006 | 023 | 63 | | Williamsport, PA | | FQM | 114.4 | 203 | 186 |
| - | 006 | 49 | 182 | Elmira, NY | KELM | - | - | 186 | - |
| 182 NM Total | | | | Flight No. is in the "leg" column, for example ... R01-3 | | | | | |

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| | | | | | | | | | |
| Red No. 30 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 282 | - | 0 | R30-1 | Jacksonville, FL | KVQQ | VQQ | 117.9 | - | 102 |
| 280 | 281 | 131 | | Tallahassee, FL | | SZW | 117.5 | 101 | 100 |
| 264 | 278 | 120 | | Crestview, FL | | CEW | 115.9 | 097 | 085 |
| - | 265 | 81 | 332 | Mobile, AL | KMOB | - | - | 085 | - |
| 332 NM Total | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Red No. 31 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 278 | - | 0 | R31-1 | Minneapolis, MN | KMSP | MSP | 115.3 | - | 098 |
| 259 | 276 | 81 | | Willmar, MN | | ILL | 113.7 | 096 | 079 |
| 226 | 258 | 87 | | Watertown, SD | | ATY | 116.6 | 078 | 046 |
| - | 226 | 58 | 226 | Huron, SD | KHON | - | - | 046 | - |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Red No. 32 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 263 | - | 0 | R32-1 | Houston, TX | KHOU | HUB | 117.1 | - | 083 |
| - | 261 | 167 | 167 | San Antonio, TX | KSAT | - | - | 081 | - |
| 167 NM Total | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Red No. 33 | | | | | | | | | |
| Westbound-read down | | | | | | Eastbound-read up | | | |
| Magnetic Courses | | Nautical Miles | | | Airport | Waypoint Info. | | Magnetic Courses | |
| Outbound | Inbound | pt. to pt. | leg | City Name | ICAO | NAV | Freq. | Outbound | Inbound |
| 281 | - | 0 | R33-1 | New York City, NY | KLGA | LGA | 113.1 | - | 101 |
| 257 | 280 | 72 | | Allentown, PA | | FJC | 117.5 | 100 | 077 |
| - | 255 | 71 | 143 | Harrisburg, PA | KCXY | - | - | 075 | - |
| 143 NM Total | | | | | | | | | |
| | | | Flight No. is in the "leg" column, for example ... R01-3 | | | | | | |