

## GEN 2.5 LISTE DES AIDES DE RADIONAVIGATION

## LIST OF RADIO NAVIGATION AIDS

| ID  | Nom<br>Station             | Nom en langage clair<br>Plain language name | Moyen<br>Facility | Fréquence<br>Frequency | Portée                        | ALT     | Utilisation<br>Purpose |
|-----|----------------------------|---------------------------------------------|-------------------|------------------------|-------------------------------|---------|------------------------|
| ABB | ABBEVILLE                  | ABBEVILLE                                   | DME               | 108.45 Mhz CH 21Y      | 60NM FL500                    | NIL     | E                      |
| ABY | ALBERT BRAY                | NIL                                         | NDB               | 321 Khz                | 25NM                          | 374 ft  | A                      |
| AC  | AJACCIO NAPOLEON BONAPARTE | NIL                                         | ILS-DME           | 110.3 Mhz CH 40X       | 25NM FL250                    | 51 ft   | A                      |
| AGN | AGEN-Gaudonville           | AGEN                                        | DME               | 114.8 Mhz CH 95X       | 120NM(315°..75°) 100NM FL500  | 896 ft  | E                      |
| AGO | ANGOULEME BRIE CHAMPNIERS  | NIL                                         | NDB               | 404 Khz                | 25NM                          | 456 ft  | A                      |
| AJO | AJACCIO-Coti Chiavari      | AJACCIO                                     | VOR-DME           | 114.8 Mhz CH 95X       | 200NM(90°..270°) 100NM FL500  | 2142 ft | E                      |
| ALM | AIX LES MILLES             | NIL                                         | NDB               | 413 Khz                | 20NM                          | 343 ft  | A                      |
| AM  | ANGOULEME BRIE CHAMPNIERS  | NIL                                         | ILS-DME           | 109.35 Mhz CH 30Y      | 25NM FL250                    | 467 ft  | A                      |
| AMB | AMBOISE                    | AMBOISE                                     | DME               | 113.7 Mhz CH 84X       | 80NM FL500                    | 387 ft  | E                      |
| AN  | AVIGNON CAUMONT            | NIL                                         | DME               | 110.5 Mhz CH 42X       | 25NM FL250                    | 168 ft  | A                      |
| ANG | ANGERS                     | ANGERS                                      | DME               | 111.05 Mhz CH 47Y      | 150NM FL500                   | 304 ft  | E                      |
| AV  | AVORD                      | AVORD                                       | ILS               | 110.7 Mhz              | NIL                           | 519 ft  | A                      |
| AVD | AVORD                      | NIL                                         | NDB               | 288.5 Khz              | 50NM FL500                    | 695 ft  | E                      |
| AVD | AVORD                      | NIL                                         | TACAN             | 110.6 Mhz CH 43X       | 150NM FL600                   | 578 ft  | E                      |
| AVN | AVIGNON Pujaut             | AVIGNON                                     | VOR-DME           | 114.6 Mhz CH 93X       | 60NM FL500                    | 159 ft  | AE                     |
| AX  | AUXERRE BRANCHES           | NIL                                         | NDB               | 417 Khz                | 25NM                          | 544 ft  | A                      |
| AZR | NICE COTE D'AZUR           | NIL                                         | VOR-DME           | 109.65 Mhz CH 33Y      | 100NM FL250                   | 8.85 ft | A                      |
| BAS | BASTIA PORETTA             | NIL                                         | ILS-DME           | 111.35 Mhz CH 50Y      | 25NM FL250                    | 69 ft   | A                      |
| BCY | ORLEANS BRICY              | NIL                                         | VOR-DME           | 117.35 Mhz CH 120Y     | NIL                           | 413 ft  | A                      |
| BD  | BORDEAUX MERIGNAC          | NIL                                         | ILS-DME           | 110.3 Mhz CH 40X       | 25NM FL250                    | 207 ft  | A                      |
| BEI | BORDEAUX MERIGNAC          | NIL                                         | ILS-DME           | 111.15 Mhz CH 48Y      | 25NM FL250                    | 214 ft  | A                      |
| BG  | BREST BRETAGNE             | NIL                                         | ILS-DME           | 109.9 Mhz CH 36X       | 25NM FL250                    | 308 ft  | A                      |
| BH  | LORIENT LANN BIHOUE        | NIL                                         | ILS-DME           | 108.15 Mhz CH 18Y      | 25NM FL250                    | 196 ft  | A                      |
| BI  | BEAUVAIS TILLE             | NIL                                         | ILS-DME           | 109.95 Mhz CH 36Y      | 25NM FL250                    | 351 ft  | A                      |
| BLB | BLOIS LE BREUIL            | NIL                                         | NDB               | 397 Khz                | 25NM                          | 439 ft  | A                      |
| BLM | BALE-MULHOUSE              | NIL                                         | VOR-DME           | 117.45 Mhz CH 121Y     | 100 NM(270°..360°) 60NM FL500 | 886 ft  | AE                     |
| BLU | BALE-MULHOUSE              | NIL                                         | ILS-DME           | 109.35 Mhz CH 30Y      | NIL                           | 860 ft  | A                      |
| BMC | BORDEAUX MERIGNAC          | BORDEAUX                                    | VOR-DME           | 113.75 Mhz CH 84Y      | 150NM(225°..315°) 100NM FL500 | 210 ft  | AE                     |
| BNE | BOULOGNE SUR MER           | BOULOGNE                                    | VOR               | 113.8 Mhz              | 70NM FL500                    | 584 ft  | E                      |
| BOV | BEAUVAIS TILLE             | NIL                                         | VOR-DME           | 109.65 Mhz CH 33Y      | 60NM FL500                    | 301 ft  | A                      |
| BRS | BISCARROSSE PARENTIS       | NIL                                         | NDB               | 358 Khz                | 25NM                          | NIL     | A                      |
| BRY | BRAY SUR SEINE             | BRAY                                        | DME               | 114.1 Mhz CH 88X       | 100NM(45°..135°) 60NM FL500   | 289 ft  | AE                     |
| BSC | BRIVE SOUILLAC             | NIL                                         | NDB               | 351 Khz                | 25NM                          | 613 ft  | A                      |
| BSN | BOURSONNE                  | BOURSONNE                                   | DME               | 114.85 Mhz CH 95Y      | 60NM FL500                    | NIL     | E                      |
| BST | LANVEOC POULMIC            | NIL                                         | NDB               | 428 Khz                | NIL                           | NIL     | A                      |
| BST | LANVEOC POULMIC            | NIL                                         | TACAN             | 114.7 Mhz CH 94X       | NIL                           | NIL     | E                      |
| BT  | PARIS LE BOURGET           | NIL                                         | VOR-DME           | 116.1 Mhz CH 108X      | 40NM FL250                    | 200 ft  | A                      |
| BTA | BASTIA PORETTA             | BASTIA                                      | VOR-DME           | 114.15 Mhz CH 88Y      | 80NM FL500                    | 36 ft   | AE                     |
| BTZ | BIARRITZ PAYS BASQUE       | BIARRITZ                                    | VOR-DME           | 114.15 Mhz CH 88Y      | 100NM(315°..45°) 60NM FL500   | 276 ft  | AE                     |
| BV  | BEAUVAIS TILLE             | NIL                                         | NDB               | 391 Khz                | 25NM                          | 412 ft  | A                      |
| BVC | BRIVE SOUILLAC             | NIL                                         | ILS-DME           | 109.95 Mhz CH 36Y      | 25NM                          | 981 ft  | A                      |
| BVT | BEAUVAIS TILLE             | NIL                                         | ILS-DME           | 111.15 Mhz CH 48Y      | 25NM                          | 365 ft  | A                      |
| BZ  | BIARRITZ PAYS BASQUE       | NIL                                         | ILS-DME           | 111.35 Mhz CH 50Y      | 25NM FL250                    | 223 ft  | A                      |
| BZH | BREST BRETAGNE             | NIL                                         | VOR-DME           | 110.65 Mhz CH 43Y      | 130NM FL500                   | 313 ft  | AE                     |
| CAA | CAZAUX                     | NIL                                         | TACAN             | 110.8 Mhz CH 45X       | 60NM                          | 128 ft  | A                      |
| CAA | CAZAUX                     | CAZAUX                                      | ILS               | 110.1 Mhz              | NIL                           | 82 ft   | A                      |
| CAD | CHATEAUDUN                 | CHATEAUDUN                                  | VOR-DME           | 115.95 Mhz CH 106Y     | 80NM (225°..315°) 40NM FL500  | NIL     | AE                     |
| CAN | CAEN CARPIQUET             | CAEN                                        | VOR-DME           | 114.45 Mhz CH 91Y      | 80NM FL500                    | 249 ft  | AE                     |
| CAV | CHALONS VATRY              | NIL                                         | VOR-DME           | 111.65 Mhz CH 53Y      | 40NM FL250                    | 561 ft  | A                      |
| CBY | CHAMBERY AIX LES BAINS     | CHAMBERY                                    | VOR-DME           | 115.4 Mhz CH 101X      | 80NM FL500                    | 4783 ft | AE                     |

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|-----|----------------------------------|---------------------------------------------|-------------------|------------------------|-----------------------------------------------|---------|------------------------|
| CF  | CLERMONT FERRAND AUVERGNE        | NIL                                         | ILS-DME           | 111.1 Mhz CH 48X       | 25NM FL250                                    | 1079 ft | A                      |
| CFA | CLERMONT FERRAND AUVERGNE        | CLERMONT                                    | VOR-DME           | 114.35 Mhz CH 90Y      | 100NM FL500                                   | 1093 ft | E                      |
| CGC | COGNAC CHATEAUBERNARD            | NIL                                         | TACAN             | 116.2 Mhz CH 109X      | NIL                                           | 94 ft   | AE                     |
| CGC | COGNAC CHATEAUBERNARD            | COGNAC CHATEAUBERNARD                       | ILS               | 109.9 Mhz              | NIL                                           | 84 ft   | A                      |
| CGE | PARIS CHARLES DE GAULLE          | NIL                                         | ILS-DME           | 110.1 Mhz CH 38X       | 25NM FL250                                    | 420 ft  | A                      |
| CGN | PARIS CHARLES DE GAULLE          | NIL                                         | DME               | 115.35 Mhz CH 100Y     | 60NM FL250                                    | 385 ft  | A                      |
| CGW | PARIS CHARLES DE GAULLE          | NIL                                         | ILS-DME           | 110.7 Mhz CH 44X       | 25NM FL250                                    | 430 ft  | A                      |
| CH  | CHAMBERY AIX LES BAINS           | NIL                                         | NDB               | 346 Khz                | 25NM                                          | 884 ft  | AE                     |
| CHW | CHARTRES La Loupe                | CHARTRES                                    | VOR-DME           | 115.2 Mhz CH 99X       | 180NM(135°..225°) 100NM FL500                 | 732 ft  | E                      |
| CHX | CHATEAUROUX-Déols                | CHATEAUROUX                                 | VOR-DME           | 108.65 Mhz CH 23Y      | 200NM FL500                                   | 516 ft  | AE                     |
| CLI | CALVI SAINTE CATHERINE           | NIL                                         | ILS-DME           | 109.5 Mhz CH 32X       | 17NM FL250                                    | 235 ft  | A                      |
| CLM | COULOMMIERS Voisins              | COULOMMIERS                                 | VOR-DME           | 112.9 Mhz CH 76X       | 60NM FL500                                    | 486 ft  | E                      |
| CM  | AVIGNON CAUMONT                  | CAUMONT                                     | NDB               | 369 Khz                | 20NM                                          | 160 ft  | AE                     |
| CMB | CAMBRAI EPINOY                   | CAMBRAI                                     | VOR-DME           | 112.6 Mhz CH 73X       | 80NM FL500                                    | 299 ft  | E                      |
| CMD | CANNES MANDELIEU                 | NIL                                         | ILS-DME           | 110.35 Mhz CH 40Y      | 25NM FL250                                    | 28 ft   | A                      |
| CN  | CAEN CARPIQUET                   | NIL                                         | ILS-DME           | 110.95 Mhz CH 46Y      | 25NM FL250                                    | 271 ft  | A                      |
| CNA | COGNAC CHATEAUBERNARD            | COGNAC                                      | VOR-DME           | 114.65 Mhz CH 93Y      | NIL                                           | 78 ft   | AE                     |
| CNE | CAEN CARPIQUET                   | NIL                                         | NDB               | 404 Khz                | 25NM                                          | 282 ft  | A                      |
| CNM | CANNES-Tanneron                  | CANNES                                      | VOR               | 111.4 Mhz              | 60NM(225°..315°), 80NM(315°..45°) 40NM FL500  | 1595 ft | E                      |
| CTL | CHATILLON SUR MARNE              | CHATILLON                                   | DME               | 117.6 Mhz CH 123X      | 70NM(315°..60°) 100NM FL500                   | 673 ft  | E                      |
| CTX | CHATEAUROUX DEOLS                | CHATEAUROUX                                 | NDB               | 428 Khz                | 50NM                                          | 605 ft  | AE                     |
| CV  | CALVI SAINTE CATHERINE           | CALVI                                       | NDB               | 375 Khz                | 25NM                                          | 71 ft   | AE                     |
| CVD | CHALONS VATRY                    | NIL                                         | ILS-DME           | 111.3 Mhz CH 50X       | 25NM FL250                                    | 579 ft  | A                      |
| CVL | CHALONS VATRY                    | NIL                                         | ILS-DME           | 109.55 Mhz CH 32Y      | 25NM FL250                                    | 604 ft  | A                      |
| CVT | CHALONS VATRY                    | NIL                                         | NDB               | 347 Khz                | 25NM                                          | 636 ft  | A                      |
| CX  | CHATEAUROUX DEOLS                | NIL                                         | ILS-DME           | 110.3 Mhz CH 40X       | 25NM FL250                                    | 517 ft  | A                      |
| CY  | CHAMBERY AIX LES BAINS           | NIL                                         | ILS-DME           | 109.5 Mhz CH 32X       | 25NM FL250                                    | 807 ft  | A                      |
| DIN | DINARD PLEURTUIT SAINT MALO      | DINARD                                      | VOR-DME           | 114.3 Mhz CH 90X       | 80NM FL500                                    | 213 ft  | AE                     |
| DJL | DIJON-LONGVIC                    | DIJON                                       | VOR-DME           | 111.45 Mhz CH 51Y      | 80NM(015°..75°), 100NM(105°..165°) 60NM FL500 | NIL     | AE                     |
| DO  | DOLE TAVAU                       | NIL                                         | NDB               | 309 Khz                | 25NM                                          | 652 ft  | A                      |
| DO  | DOLE TAVAU                       | NIL                                         | ILS-DME           | 109.35 Mhz CH 30Y      | 25NM FL250                                    | 673 ft  | A                      |
| DSE | PARIS CHARLES DE GAULLE          | NIL                                         | ILS-DME           | 108.55 Mhz CH 22Y      | 25NM FL250                                    | 357 ft  | A                      |
| DSU | PARIS CHARLES DE GAULLE          | NIL                                         | ILS-DME           | 108.35 Mhz CH 20Y      | 25NM FL250                                    | 337 ft  | A                      |
| DV  | DEAUVILLE NORMANDIE              | NIL                                         | ILS-DME           | 111.55 Mhz CH 52Y      | 25NM FL250                                    | 466 ft  | A                      |
| DVL | DEAUVILLE NORMANDIE              | DEAUVILLE                                   | VOR               | 110.2 Mhz              | 60NM FL500                                    | 497 ft  | AE                     |
| DX  | DAX SEYRESSE                     | NIL                                         | NDB               | 334 Khz                | 25NM                                          | NIL     | AE                     |
| EMT | EPINAL MIRECOURT                 | NIL                                         | NDB               | 419 Khz                | 25NM                                          | 955 ft  | A                      |
| ENT | STRASBOURG ENTZHEIM              | NIL                                         | ILS-DME           | 108.55 Mhz CH 22Y      | 25NM FL250                                    | 516 ft  | A                      |
| EPL | EPINAL MIRECOURT                 | EPINAL                                      | VOR               | 113 Mhz                | 60NM FL500                                    | 1154 ft | E                      |
| EPR | EPERNON                          | EPERNON                                     | VOR-DME           | 115.65 Mhz CH 103Y     | 60NM FL500                                    | NIL     | AE                     |
| ETN | ETAIN ROUVRES                    | NIL                                         | NDB               | 410 Khz                | NIL                                           | 752 ft  | A                      |
| EVX | EVREUX FAUVILLE                  | EVREUX                                      | TACAN             | 112.4 Mhz CH 71X       | NIL                                           | 450 ft  | AE                     |
| EVX | EVREUX FAUVILLE                  | EVREUX FAUVILLE                             | ILS               | 111.3 Mhz              | NIL                                           | 443 ft  | A                      |
| FG  | MONTPELLIER MEDITERRANEE         | NIL                                         | NDB               | 339 Khz                | 25NM                                          | 46 ft   | A                      |
| FG  | MONTPELLIER MEDITERRANEE         | NIL                                         | ILS-DME           | 108.55 Mhz CH 22Y      | 25NM FL250                                    | 40 ft   | A                      |
| FGI | FIGARI SUD CORSE                 | FIGARI                                      | VOR-DME           | 116.7 Mhz CH 114X      | 40NM FL500                                    | 144 ft  | A                      |
| FJR | MONTPELLIER MEDITERRANEE         | FREJORGUES                                  | VOR-DME           | 114.45 Mhz CH 91Y      | 80NM(225°..345°) 60NM FL500                   | 7 ft    | E                      |
| GAI | GAILLAC-Castelneau de Montmirail | GAILLAC                                     | DME               | 108.5 Mhz CH 22X       | 130NM FL500                                   | 979 ft  | E                      |
| GAU | PARIS CHARLES DE GAULLE          | NIL                                         | ILS-DME           | 111.95 Mhz CH 56Y      | 25NM FL250                                    | 368 ft  | A                      |
| GI  | AMIENS-GLISY                     | NIL                                         | NDB               | 339 Khz                | 25NM                                          | 383 ft  | A                      |

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|-----|-------------------------|---------------------------------------------|-------------------|------------------------|-----------------------------------------------------|----------|------------------------|
| GLE | PARIS CHARLES DE GAULLE | NIL                                         | ILS-DME           | 108.7 Mhz CH 24X       | 25NM                                                | 360 ft   | A                      |
| GR  | FIGARI SUD CORSE        | NIL                                         | ILS-DME           | 110.5 Mhz CH 42X       | 25NM FL250                                          | 131 ft   | A                      |
| GTQ | GROSTENQUIN             | GROSTENQUIN                                 | VOR-DME           | 111.25 Mhz CH 49Y      | 100NM(135°..225°) 60NM<br>FL500                     | 1057 ft  | AE                     |
| GU  | BREST BRETAGNE          | NIL                                         | NDB               | 338 Khz                | 25NM                                                | 414 ft   | A                      |
| HO  | COLMAR HOUSSEN          | NIL                                         | NDB               | 380 Khz                | 25NM                                                | 655 ft   | A                      |
| HOL | VILLACOUBLAY VELIZY     | NIL                                         | NDB               | 315 Khz                | NIL                                                 | NIL      | A                      |
| HR  | HERICOURT               | HERICOURT                                   | NDB               | 289 Khz                | 30NM                                                | NIL      | AE                     |
| HY  | HYERES LE PALYVESTRE    | NIL                                         | ILS-DME           | 108.1 Mhz CH 18X       | 25NM FL250                                          | NIL      | A                      |
| HYE | HYERES LE PALYVESTRE    | NIL                                         | TACAN             | 109 Mhz CH 27X         | 100NM FL500                                         | 7 ft     | E                      |
| IST | ISTRES LE TUBE          | NIL                                         | ILS-DME           | 111.3 Mhz CH 50X       | NIL                                                 | NIL      | A                      |
| ITR | ISTRES LE TUBE          | NIL                                         | TACAN             | 115.7 Mhz CH 104X      | FL600                                               | 77 ft    | E                      |
| JSY | JERSEY                  | JERSEY                                      | VOR-DME           | 112.2 Mhz CH 59X       | NIL                                                 | NIL      | E                      |
| LBG | PARIS LE BOURGET        | NIL                                         | ILS-DME           | 109.5 Mhz CH 32X       | 25NM                                                | 185 ft   | A                      |
| LBW | PARIS LE BOURGET        | PARIS LE BOURGET                            | ILS               | 111.1 Mhz              | NIL                                                 | 215 ft   | A                      |
| LC  | LE LUC LE CANNET        | NIL                                         | ILS-DME           | 109.3 Mhz CH 30X       | NIL                                                 | NIL      | A                      |
| LD  | LANDIVISIAU             | NIL                                         | ILS-DME           | 108.5 Mhz CH 22X       | NIL                                                 | NIL      | A                      |
| LDV | LANDIVISIAU             | NIL                                         | TACAN             | 115.15 Mhz CH 98Y      | NIL                                                 | NIL      | E                      |
| LEQ | LILLE LESQUIN           | NIL                                         | VOR-DME           | 109 Mhz CH 27X         | 40NM FL250                                          | 163 ft   | AE                     |
| LG  | LIMOGES BELLEGARDE      | NIL                                         | ILS-DME           | 110.1 Mhz CH 38X       | 25NM                                                | 1292 ft  | A                      |
| LGH | MONT DE MARSAN          | NIL                                         | VOR-DME           | 111.65 Mhz CH 53Y      | 60NM FL250                                          | 197 ft   | A                      |
| LGL | L' AIGLE                | L'AIGLE                                     | VOR-DME           | 112.7 Mhz CH 74X       | 60NM FL500                                          | 971 ft   | AE                     |
| LIL | LILLE LESQUIN           | NIL                                         | ILS-DME           | 110.75 Mhz CH 44Y      | 25NM FL250                                          | 151 ft   | A                      |
| LMB | LEMBEYE                 | LEMBEYE                                     | VOR               | 111.8 Mhz              | 60NM(135°..225°) 40NM<br>FL250                      | 980 ft   | E                      |
| LMG | LIMOGES                 | LIMOGES                                     | VOR-DME           | 114.5 Mhz CH 92X       | 80NM(315°..60°) 100NM<br>FL500                      | 1375 ft  | E                      |
| LMT | AUCH GERS               | NIL                                         | NDB               | 420 Khz                | 25NM                                                | 558 ft   | A                      |
| LOL | PARIS ORLY              | NIL                                         | DME               | 113.95 Mhz CH 86Y      | 100NM FL100 - 65NM<br>FL500                         | 285 ft   | A                      |
| LOR | LORIENT LANN BIHOUE     | NIL                                         | NDB               | 359 Khz                | 50NM FL500                                          | 188 ft   | A                      |
| LOR | LORIENT LANN BIHOUE     | NIL                                         | TACAN             | 115.8 Mhz CH 105X      | 100NM FL250                                         | 171 ft   | E                      |
| LOU | METZ NANCY LORRAINE     | NIL                                         | NDB               | 388 Khz                | 25NM                                                | 913 ft   | A                      |
| LSE | LYON SAINT EXUPERY      | SAINT EXUPERY                               | VOR-DME           | 114.75 Mhz CH 94Y      | 140NM(135°..255°) 100NM<br>FL500                    | 820 ft   | AE                     |
| LSN | LYON SAINT EXUPERY      | NIL                                         | ILS-DME           | 111.5 Mhz CH 52X       | 25NM FL250                                          | 872 ft   | A                      |
| LSS | LYON SAINT EXUPERY      | NIL                                         | ILS-DME           | 109.1 Mhz CH 28X       | 25NM FL250                                          | 863 ft   | A                      |
| LT  | LE TOUQUET ELIZABETH II | NIL                                         | ILS-DME           | 110.15 Mhz CH 38Y      | 25NM FL250                                          | 69 ft    | A                      |
| LTP | LA TOUR DU PIN-Lyon Est | TOUR DU PIN                                 | DME               | 115.55 Mhz CH 102Y     | 80NM FL500                                          | 2165 ft  | AE                     |
| LU  | LE LUC LE CANNET        | NIL                                         | NDB               | 378 Khz                | NIL                                                 | NIL      | A                      |
| LUC | LE LUC LE CANNET        | LE LUC                                      | VOR-DME           | 113 Mhz CH 77X         | NIL                                                 | NIL      | E                      |
| LUL | LUXEUIL                 | LUXEUIL                                     | VOR               | 117.1 Mhz              | 80NM                                                | NIL      | E                      |
| LXI | LUXEUIL SAINT SAUVEUR   | NIL                                         | TACAN             | 108.2 Mhz CH 19X       | 60NM FL250                                          | 883 ft   | E                      |
| LXI | LUXEUIL SAINT SAUVEUR   | LUXEUIL SAINT<br>SAUVEUR                    | ILS               | 108.1 Mhz              | NIL                                                 | 885 ft   | A                      |
| MAR | MARSEILLE PROVENCE      | NIL                                         | NDB               | 383 Khz                | 25NM                                                | 53 ft    | A                      |
| MCE | MARSEILLE PROVENCE      | NIL                                         | ILS-DME           | 108.3 Mhz CH 20X       | 25NM FL100                                          | 63 ft    | A                      |
| MCY | ETAIN ROUVRES           | NIL                                         | ILS-DME           | 110.5 Mhz CH 42X       | NIL                                                 | 738 ft   | A                      |
| MDM | MONT DE MARSAN          | MARSAN                                      | TACAN             | 108.7 Mhz CH 24X       | 200NM FL600                                         | 184 ft   | A                      |
| MDM | MONT DE MARSAN          | MONT DE MARSAN                              | ILS               | 110.5 Mhz              | NIL                                                 | 158 ft   | A                      |
| MEN | MENDE-Nasbinals         | MENDE                                       | VOR-DME           | 115.3 Mhz CH 100X      | 100NM FL500                                         | 4514 ft  | AE                     |
| MER | MERVILLE CALONNE        | NIL                                         | ILS-DME           | 109.35 Mhz CH 30Y      | 25NM FL250                                          | 100 ft   | A                      |
| MH  | BALE-MULHOUSE           | NIL                                         | ILS-DME           | 111.55 Mhz CH 52Y      | 25NM FL250                                          | 860 ft   | A                      |
| MI  | EPINAL MIRECOURT        | EPINAL MIRECOURT                            | ILS               | 110.9 Mhz              | NIL                                                 | 1082 ft  | A                      |
| ML  | MARSEILLE PROVENCE      | NIL                                         | ILS-DME           | 110.3 Mhz CH 40X       | 25NM FL250                                          | 42 ft    | A                      |
| MLN | MELUN VILLAROCHE        | MELUN                                       | VOR-DME           | 113.6 Mhz CH 83X       | 40NM FL250                                          | 104.36 m | AE                     |
| MLY | METZ NANCY LORRAINE     | NIL                                         | ILS-DME           | 111.75 Mhz CH 54Y      | 25NM FL250                                          | 919 ft   | A                      |
| MMD | MONTMEDY-Dun sur Meuse  | MONTMEDY                                    | VOR               | 109.4 Mhz              | 100NM(45°..135°),<br>40NM(135°..225°) 60NM<br>FL500 | 1076 ft  | E                      |
| MOU | MOULINS                 | MOULINS                                     | VOR-DME           | 116.7 Mhz CH 114X      | 80NM FL500                                          | 699 ft   | AE                     |
| MPV | MARSEILLE PROVENCE      | NIL                                         | ILS-DME           | 111.15 Mhz CH 48Y      | 25NM FL250                                          | 94 ft    | A                      |
| MRM | MARSEILLE PROVENCE      | NIL                                         | VOR-DME           | 108.8 Mhz CH 25X       | 60NM(270°..90°) 100NM<br>FL500                      | 771 ft   | AE                     |

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|-----|-----------------------------------|---------------------------------------------|-------------------|------------------------|----------------------------------|---------|------------------------|
| MRV | MERVILLE CALONNE                  | NIL                                         | NDB               | 404 Khz                | 25NM                             | 106 ft  | A                      |
| MT  | SAINT NAZAIRE MONTOIR             | NIL                                         | NDB               | 398 Khz                | 50NM                             | 67 ft   | A                      |
| MTG | MARTIGUES                         | MARTIGUES                                   | VOR-DME           | 117.3 Mhz CH 120X      | 200NM(135°..225°) 100NM<br>FL500 | 650 ft  | AE                     |
| MTL | MONTELMAR ANCONE                  | MONTELMAR                                   | VOR-DME           | 113.65 Mhz CH 83Y      | 100NM FL500                      | 656 ft  | E                      |
| MTZ | METZ NANCY LORRAINE               | NIL                                         | NDB               | 354 Khz                | 25NM                             | 645 ft  | A                      |
| MUS | NICE COTE D'AZUR                  | NIL                                         | NDB               | 428 Khz                | 40NM                             | 1500 ft | AE                     |
| MUT | MURET LHERM                       | NIL                                         | NDB               | 350 Khz                | 25NM                             | 774 ft  | A                      |
| MVC | MERVILLE CALONNE                  | NIL                                         | NDB               | 327 Khz                | 25NM                             | 138 ft  | A                      |
| NA  | NICE COTE D'AZUR                  | NIL                                         | ILS-DME           | 110.7 Mhz CH 44X       | 25NM FL250                       | 30 ft   | A                      |
| NAY | NANCY OCHEY                       | NIL                                         | TACAN             | 116.8 Mhz CH 115X      | NIL                              | 1063 ft | AE                     |
| NAY | NANCY OCHEY                       | NANCY OCHEY                                 | ILS               | 108.7 Mhz              | NIL                              | 1093 ft | A                      |
| NG  | NIMES GARONS                      | NIL                                         | DME               | 109.55 Mhz CH 32Y      | 25NM FL250                       | 340 ft  | A                      |
| NG  | NIMES GARONS                      | NIL                                         | NDB               | 354 Khz                | 25NM                             | 249 ft  | AE                     |
| NI  | NICE COTE D'AZUR                  | NIL                                         | ILS-DME           | 109.95 Mhz CH 36Y      | 25NM FL250                       | 66 ft   | A                      |
| NIZ | NICE COTE D'AZUR                  | NICE                                        | DME               | 112.4 Mhz CH 71X       | 200NM(135°..225°) 150NM<br>FL500 | 2822 ft | AE                     |
| NT  | NANTES ATLANTIQUE                 | NIL                                         | ILS-DME           | 109.9 Mhz CH 36X       | 25NM FL250                       | 132 ft  | A                      |
| NTS | NANTES ATLANTIQUE                 | NANTES                                      | VOR-DME           | 115.5 Mhz CH 102X      | 100NM(315°..45°) 150NM<br>FL500  | NIL     | AE                     |
| NV  | NEVERS FOURCHAMBAULT              | NIL                                         | NDB               | 394 Khz                | 25NM                             | 681 ft  | A                      |
| OAN | ORLEANS BRICY                     | ORLEANS BRICY                               | ILS               | 111.3 Mhz              | NIL                              | NIL     | A                      |
| OB  | MARSEILLE PROVENCE                | NIL                                         | NDB               | 395 Khz                | 50NM                             | 1562 ft | AE                     |
| OLE | PARIS ORLY                        | NIL                                         | ILS-DME           | 108.15 Mhz CH 18Y      | 25NM 2300 ft                     | 336 ft  | A                      |
| OLN | PARIS ORLY                        | NIL                                         | ILS-DME           | 110.3 Mhz CH 40X       | 25 NM 2300 ft                    | 289 ft  | A                      |
| OLO | PARIS ORLY                        | NIL                                         | ILS-DME           | 110.9 Mhz CH 46X       | 25NM FL250                       | 308 ft  | A                      |
| OLW | PARIS ORLY                        | NIL                                         | ILS-DME           | 111.75 Mhz CH 54Y      | 25NM FL250                       | 286 ft  | A                      |
| ORE | PARIS ORLY                        | NIL                                         | ILS-DME           | 108.5 Mhz CH 22X       | 25NM FL250                       | 298 ft  | A                      |
| ORG | ORANGE CARITAT                    | NIL                                         | TACAN             | 109.4 Mhz CH 31X       | 60/25                            | 191 ft  | A                      |
| ORG | ORANGE CARITAT                    | ORANGE CARITAT                              | ILS               | 109.9 Mhz              | NIL                              | 172 ft  | A                      |
| ORS | ORLEANS SAINT DENIS DE<br>L'HOTEL | NIL                                         | NDB               | 322 Khz                | 25NM                             | 432 ft  | AE                     |
| OS  | TARBES LOURDES<br>PYRENEES        | NIL                                         | ILS-DME           | 109.5 Mhz CH 32X       | 25NM FL250                       | 1235 ft | A                      |
| OSA | OUESSANT                          | NIL                                         | NDB               | 351 Khz                | 25NM                             | 174 ft  | A                      |
| PB  | PHALSBOURG BOURSCHIED             | NIL                                         | ILS-DME           | 110.15 Mhz CH 38Y      | NIL                              | 1005 ft | A                      |
| PGS | PARIS CHARLES DE GAULLE           | NIL                                         | DME               | 117.05 Mhz CH 117Y     | 110NM FL500                      | 348 ft  | A                      |
| PHG | PHALSBOURG BOURSCHIED             | NIL                                         | NDB               | 424 Khz                | NIL                              | 1012 ft | A                      |
| PL  | PERPIGNAN RIVESALTES              | NIL                                         | ILS-DME           | 111.75 Mhz CH 54Y      | 25NM FL250                       | 183 ft  | A                      |
| PMR | PAMIER LES PUJOLS                 | NIL                                         | NDB               | 384 Khz                | 25NM                             | 1488 ft | A                      |
| PNE | PARIS CHARLES DE GAULLE           | NIL                                         | ILS-DME           | 109.35 Mhz CH 30Y      | 25NM FL250                       | 400 ft  | A                      |
| PNW | PARIS CHARLES DE GAULLE           | NIL                                         | ILS-DME           | 110.35 Mhz CH 40Y      | 25NM FL250                       | 408 ft  | A                      |
| PO  | PAU PYRENEES                      | NIL                                         | NDB               | 397 Khz                | 25NM                             | 1182 ft | A                      |
| POI | POITIERS BIARD                    | POITIERS                                    | VOR               | 113.3 Mhz              | 60NM FL500                       | 424 ft  | AE                     |
| PON | PONTOISE CORMEILLES EN<br>VEXIN   | PONTOISE                                    | VOR               | 111.6 Mhz              | 60NM (314°..44°) 40NM<br>FL500   | 318 ft  | AE                     |
| PPG | PERPIGNAN RIVESALTES              | PERPIGNAN                                   | VOR-DME           | 116.25 Mhz CH 109Y     | 100NM(45°..135°) 80NM<br>FL500   | 151 ft  | AE                     |
| PT  | POITIERS BIARD                    | POITIERS BIARD                              | DME               | 110.95 Mhz CH 46Y      | 25NM FL250                       | 413 ft  |                        |
| PU  | PAU PYRENEES                      | NIL                                         | NDB               | 364 Khz                | 25NM                             | 831 ft  | A                      |
| PYR | PAU PYRENEES                      | NIL                                         | ILS-DME           | 110.1 Mhz CH 38X       | 25NM FL250                       | 663 ft  | A                      |
| QPR | QUIMPER PLUGUFFAN                 | QUIMPER                                     | VOR-DME           | 117.8 Mhz CH 125X      | 150NM FL500                      | 315 ft  | E                      |
| RBT | RAMBOUILLET-Les Bordes            | RAMBOUILLET                                 | DME               | 114.7 Mhz CH 94X       | 110NM(135°..225°) 60NM<br>FL500  | 604 ft  | E                      |
| RDE | RODEZ AVEYRON                     | NIL                                         | ILS-DME           | 110.75 Mhz CH 44Y      | 25NM FL250                       | 1943 ft | A                      |
| REM | REIMS                             | REIMS                                       | VOR               | 112.3 Mhz              | 60NM FL500                       | 335 ft  | E                      |
| REN | RENNES SAINT JACQUES              | RENNES                                      | VOR-DME           | 109.25 Mhz CH 29Y      | 150NM FL500                      | 126 ft  | AE                     |
| RGE | PARIS LE BOURGET                  | NIL                                         | ILS-DME           | 110.55 Mhz CH 42Y      | 25NM FL250                       | 185 ft  | A                      |
| RL  | LA ROCHELLE ILE DE RE             | NIL                                         | NDB               | 322 Khz                | 25NM                             | 130 ft  | A                      |
| RL  | LA ROCHELLE ILE DE RE             | NIL                                         | ILS-DME           | 109.55 Mhz CH 32Y      | 25NM FL250                       | 66 ft   | A                      |
| RLP | ROLAMPONT                         | ROLAMPONT                                   | DME               | 117.3 Mhz CH 120X      | 120NM(105°..165°) 60NM<br>FL500  | 1490 ft | E                      |
| RM  | BERGERAC DORDOGNE<br>PERIGORD     | NIL                                         | ILS-DME           | 108.15 Mhz CH 18Y      | 25NM FL250                       | 215 ft  | A                      |
| RN  | ROUEN VALLEE DE SEINE             | NIL                                         | ILS-DME           | 110.5 Mhz CH 42X       | 25NM FL250                       | 571 ft  | A                      |

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|-----|-------------------------|---------------------------------------------|-------------------|------------------------|-------------------------------------------------|---------|------------------------|
| RNN | ROANNE                  | NIL                                         | NDB               | 358 Khz                | 25NM                                            | 1164 ft | A                      |
| ROA | ROANNE                  | ROANNE                                      | VOR-DME           | 110.4 Mhz CH 41X       | 55NM                                            | 1079 ft | AE                     |
| ROU | ROUEN VALLEE DE SEINE   | ROUEN                                       | VOR               | 116.8 Mhz              | 40NM FL250                                      | 560 ft  | AE                     |
| RS  | RENNES SAINT JACQUES    | NIL                                         | ILS-DME           | 110.1 Mhz CH 38X       | 25NM FL250                                      | 174 ft  | A                      |
| SAL | SAINTE LEOCADIE         | NIL                                         | NDB               | 418 Khz                | 25NM                                            | NIL     | AE                     |
| SAL | SALON DE PROVENCE       | NIL                                         | TACAN             | 115.15 Mhz CH 98Y      | 100NM FL500                                     | 192 ft  | A                      |
| SAL | SALON DE PROVENCE       | SALON DE PROVENCE                           | ILS               | 110.9 Mhz              | NIL                                             | 193 ft  | A                      |
| SAN | LYON SAINT EXUPERY      | NIL                                         | ILS-DME           | 110.75 Mhz CH 44Y      | 25NM FL250                                      | 863 ft  | A                      |
| SAV | SAVERNE                 | SAVERNE                                     | VOR-DME           | 110.45 Mhz CH 41Y      | 60NM FL250                                      | 1021 ft | AE                     |
| SDI | SAINT DIZIER ROBINSON   | NIL                                         | TACAN             | 114 Mhz CH 87X         | NIL                                             | 447 ft  | E                      |
| SDI | SAINT DIZIER ROBINSON   | SAINT DIZIER ROBINSON                       | ILS               | 108.9 Mhz              | NIL                                             | 441 ft  | A                      |
| SG  | GRENOBLE ALPES ISERE    | NIL                                         | ILS-DME           | 109.3 Mhz CH 30X       | 25NM FL250                                      | 1248 ft | A                      |
| SN  | SAINT YAN               | NIL                                         | NDB               | 430 Khz                | 25NM                                            | 1431 ft | A                      |
| SN  | SAINT YAN               | NIL                                         | ILS-DME           | 111.75 Mhz CH 54Y      | 25NM FL250                                      | 830 ft  | A                      |
| STP | SAINT TROPEZ            | SAINT TROPEZ                                | VOR-DME           | 116.5 Mhz CH 112X      | 200NM(90°..270°) 60NM FL500                     | 1089 ft | AE                     |
| STR | STRASBOURG ENTZHEIM     | STRASBOURG                                  | VOR-DME           | 115.6 Mhz CH 103X      | 150NM(135°..225°), 60NM(045°..135°) 100NM FL500 | 577 ft  | E                      |
| STZ | STRASBOURG ENTZHEIM     | NIL                                         | ILS-DME           | 109.55 Mhz CH 32Y      | 25NM FL250                                      | 537 ft  | A                      |
| SZA | SOLENZARA               | NIL                                         | TACAN             | 114 Mhz CH 87X         | 200/60 200NM FL500                              | 10 ft   | E                      |
| SZA | SOLENZARA               | SOLENZARA                                   | ILS               | 109.1 Mhz              | NIL                                             | 20 ft   | A                      |
| TA  | VILLACOUBLAY VELIZY     | NIL                                         | NDB               | 286.5 Khz              | NIL                                             | NIL     | A                      |
| TBN | TOULOUSE BLAGNAC        | NIL                                         | ILS-DME           | 109.3 Mhz CH 30X       | 25NM FL250                                      | 535 ft  | A                      |
| TBO | TARBES                  | TARBES                                      | VOR-DME           | 113.9 Mhz CH 86X       | 80NM FL500                                      | 1039 ft | AE                     |
| TBS | TOULOUSE BLAGNAC        | NIL                                         | ILS-DME           | 110.7 Mhz CH 44X       | 25NM FL250                                      | 540 ft  | A                      |
| TD  | TOULOUSE BLAGNAC        | NIL                                         | ILS-DME           | 108.35 Mhz CH 20Y      | 25NM                                            | 554 ft  | A                      |
| TG  | TOULOUSE BLAGNAC        | NIL                                         | ILS-DME           | 108.9 Mhz CH 26X       | 25NM FL250                                      | 528 ft  | A                      |
| TIS | THIERS                  | THIERS                                      | DME               | 117.5 Mhz CH 122X      | 60NM FL250                                      | 2258 ft | AE                     |
| TL  | TARBES LOURDES PYRENEES | NIL                                         | NDB               | 321 Khz                | 50NM                                            | 928 ft  | A                      |
| TLB | TOULOUSE BLAGNAC        | NIL                                         | NDB               | 368 Khz                | 30NM                                            | NIL     | A                      |
| TLF | TOULOUSE FRANCAZAL      | NIL                                         | NDB               | 332 Khz                | NIL                                             | 650 ft  | A                      |
| TLN | HYERES LE PALYVESTRE    | NIL                                         | NDB               | 322 Khz                | 70NM                                            | 164 ft  | A                      |
| TNO | PARIS SACLAY VERSAILLES | NIL                                         | ILS-DME           | 110.15 Mhz CH 38Y      | 25NM FL250                                      | 564 ft  | A                      |
| TOE | TOULOUSE BLAGNAC        | NIL                                         | NDB               | 415 Khz                | 30NM                                            | 898 ft  | A                      |
| TOU | TOULOUSE BLAGNAC        | TOULOUSE                                    | VOR-DME           | 117.7 Mhz CH 124X      | 120NM(195°..255°) 70NM FL500                    | 574 ft  | E                      |
| TRO | TROYES BARBEREY         | TROYES                                      | VOR               | 116 Mhz                | 60NM FL500                                      | 861 ft  | E                      |
| TS  | TOULOUSE BLAGNAC        | NIL                                         | NDB               | 423 Khz                | 30NM                                            | 844 ft  | A                      |
| TSU | TOUSSUS LE NOBLE        | TOUSSUS                                     | VOR               | 108.25 Mhz             | 100NM(134°..314°) 80NM FL500                    | 547 ft  | E                      |
| TW  | TOULOUSE BLAGNAC        | NIL                                         | NDB               | 406 Khz                | 30NM                                            | 813 ft  | A                      |
| TY  | TROYES BARBEREY         | NIL                                         | NDB               | 320 Khz                | 25NM                                            | 655 ft  | A                      |
| VAT | CHALONS VATRY           | NIL                                         | NDB               | 367 Khz                | 25NM                                            | 522 ft  | A                      |
| VVE | VILLACOUBLAY VELIZY     | NIL                                         | ILS-DME           | 111.35 Mhz CH 50Y      | NIL                                             | NIL     | A                      |
| VVO | VILLACOUBLAY VELIZY     | NIL                                         | ILS-DME           | 110.75 Mhz CH 44Y      | NIL                                             | NIL     | A                      |
| ZR  | BEZIERS VIAS            | NIL                                         | DME               | 109.35 Mhz CH 30Y      | 25NM FL250                                      | 88 ft   | A                      |
| ZR  | BEZIERS VIAS            | NIL                                         | NDB               | 397 Khz                | 25NM                                            | 107 ft  | A                      |

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