

## Exclusion List for CMC NavDBs in Cycle 2309

Listed below are all terminal procedures that are removed from the ARINC 424 file provided to CMC Electronics for AIRAC cycle 2309. This list does not compromise procedures or other data that have been removed during processing by the Data Packer (CMC Electronics).

| Type        | Procedure | Reason*                       |
|-------------|-----------|-------------------------------|
| <b>06N</b>  |           | Middletown/Randall            |
|             | APCH      |                               |
|             | R08       | 5                             |
|             | R26       | 5                             |
| <b>012</b>  |           | Brazil Clay County            |
|             | APCH      |                               |
|             | R27       | 5                             |
| <b>12N</b>  |           | Andover/Aeroflex/Andover      |
|             | APCH      |                               |
|             | R03       | 5                             |
| <b>2W2</b>  |           | Westminster/Clairview Airpark |
|             | APCH      |                               |
|             | R14       | 5                             |
| <b>9A5</b>  |           | Lafayette/Barwick Lafayette   |
|             | APCH      |                               |
|             | R02       | 5                             |
|             | R20       | 5                             |
| <b>BIEG</b> |           | Egilsstadir                   |
|             | STAR      |                               |
|             | VA2       | 11                            |
|             | VA4       | 11                            |
| <b>CYYT</b> |           | St Johns Intl                 |
|             | APCH      |                               |
|             | R10-X     | 5                             |
|             | R16-X     | 5                             |

\*See Reason Code table on page R1

| Type        | Procedure | Reason*       |
|-------------|-----------|---------------|
| <b>EBBE</b> |           | Beauvechain   |
|             | APCH      |               |
|             | I04LY     | 5             |
|             | I22RX     | 5             |
|             | I22RY     | 5             |
|             | L04LY     | 5             |
|             | L22RX     | 5             |
|             | L22RY     | 5             |
|             | T04LY     | 5             |
|             | T04R      | 5             |
|             | T22L      | 5             |
|             | T22RY     | 5             |
|             | SID       |               |
|             | BE04C     | 5             |
|             | BE04D     | 5             |
|             | BE22A     | 22            |
|             | BE22B     | 22            |
|             | BE22C     | 5             |
|             | BE22D     | 5             |
| <b>EBBL</b> |           | Kleine Brogel |
|             | APCH      |               |
|             | T05R      | 5             |
|             | T23L      | 5             |
|             | SID       |               |
|             | BL05A     | 22            |
|             | BL05B     | 22            |
|             | BL05D     | 22            |
|             | BL23A     | 11            |
|             | BL23B     | 11            |
|             | BL23E     | 11            |
|             | BL23F     | 11            |
| <b>EBFS</b> |           | Florennes     |
|             | SID       |               |
|             | FS08A     | 22            |
|             | FS08B     | 22            |
|             | FS08C     | 22            |
|             | FS26A     | 22            |
|             | FS26B     | 22            |
|             | FS26C     | 22            |

\*See Reason Code table on page R1

| Type        | Procedure | Reason*                |
|-------------|-----------|------------------------|
| <b>EDDF</b> |           | Frankfurt/Main         |
|             | APCH      |                        |
|             | J07CY     | 1                      |
|             | J07CZ     | 1                      |
|             | J07LY     | 1                      |
|             | J07LZ     | 1                      |
|             | J07RY     | 1                      |
|             | J07RZ     | 1                      |
|             | J25CY     | 1                      |
|             | J25CZ     | 1                      |
|             | J25LY     | 1                      |
|             | J25LZ     | 1                      |
|             | J25RY     | 1                      |
|             | J25RZ     | 1                      |
| <b>EDDW</b> |           | Bremen                 |
|             | APCH      |                        |
|             | J09-Y     | 1                      |
|             | J09-Z     | 1                      |
|             | J27-Y     | 1                      |
|             | J27-Z     | 1                      |
| <b>EGHC</b> |           | Penzance/Land s End    |
|             | APCH      |                        |
|             | H07       | 5                      |
|             | H16       | 5                      |
|             | H25       | 5                      |
|             | H34       | 5                      |
| <b>EGHE</b> |           | St Mary's/Scilly Isles |
|             | APCH      |                        |
|             | N27       | 5                      |
|             | N32       | 5                      |
| <b>EGJA</b> |           | St Annes/Alderney      |
|             | APCH      |                        |
|             | N08       | 5                      |
|             | N26       | 5                      |
| <b>EGNH</b> |           | Blackpool              |
|             | APCH      |                        |
|             | N10       | 12                     |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                    |
|-------------|------|-----------|----------------------------|
| <b>EGNV</b> |      |           | Teesside International     |
|             |      | APCH      |                            |
|             |      | N23       | 12                         |
| <b>EGPO</b> |      |           | Stornoway                  |
|             |      | APCH      |                            |
|             |      | L36       | 12                         |
|             |      | N18       | 12                         |
|             |      | N36       | 12                         |
| <b>EGTE</b> |      |           | Exeter                     |
|             |      | APCH      |                            |
|             |      | N26       | 12                         |
| <b>EHEH</b> |      |           | Eindhoven                  |
|             |      | SID       |                            |
|             |      | EH5       | 22                         |
| <b>EHGR</b> |      |           | Breda/Gilze-Rijen          |
|             |      | SID       |                            |
|             |      | GR1       | 11                         |
|             |      | GR3       | 11                         |
| <b>EHWO</b> |      |           | Bergen op Zoom/Woensdrecht |
|             |      | SID       |                            |
|             |      | WO1       | 11                         |
|             |      | WO3       | 11                         |
| <b>ENBL</b> |      |           | Forde/Bringeland           |
|             |      | APCH      |                            |
|             |      | J07       | 1                          |
|             |      | J25       | 1                          |
| <b>ENBN</b> |      |           | Bronnoysund/Bronnoy        |
|             |      | APCH      |                            |
|             |      | J03       | 1                          |
| <b>ENBS</b> |      |           | Batsfjord                  |
|             |      | APCH      |                            |
|             |      | J03       | 1                          |
|             |      | J21       | 1                          |
| <b>ENBV</b> |      |           | Berlevag                   |
|             |      | APCH      |                            |
|             |      | J06       | 1                          |
|             |      | J24       | 1                          |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*            |
|-------------|------|-----------|--------------------|
| <b>ENDU</b> |      |           | Bardufoss          |
|             | SID  |           |                    |
|             |      | RUSST     | 11                 |
| <b>ENHF</b> |      |           | Hammerfest         |
|             | APCH |           |                    |
|             | J04  |           | 1                  |
|             |      | J22       | 1                  |
| <b>ENHK</b> |      |           | Hasvik             |
|             | APCH |           |                    |
|             | J11  |           | 1                  |
|             |      | J29       | 1                  |
| <b>ENLK</b> |      |           | Leknes             |
|             | APCH |           |                    |
|             |      | J20       | 1                  |
| <b>ENMH</b> |      |           | Mehamn             |
|             | APCH |           |                    |
|             | J17  |           | 1                  |
|             |      | J35       | 1                  |
| <b>ENMS</b> |      |           | Mosjoen/Kjaerstad  |
|             | APCH |           |                    |
|             |      | J33       | 1                  |
| <b>ENNM</b> |      |           | Namsos             |
|             | APCH |           |                    |
|             | J07  |           | 1                  |
|             |      | J25       | 1                  |
| <b>ENRM</b> |      |           | Rorvik/Ryum        |
|             | APCH |           |                    |
|             | J04  |           | 1                  |
|             |      | J22       | 1                  |
| <b>ENRS</b> |      |           | Rost               |
|             | APCH |           |                    |
|             | J02  |           | 1                  |
|             |      | J20       | 1                  |
| <b>ENSH</b> |      |           | Svolvaer/Helle     |
|             | APCH |           |                    |
|             |      | J36       | 1                  |
| <b>ENSK</b> |      |           | Stokmarknes/Skagen |
|             | APCH |           |                    |
|             |      | J08       | 1                  |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*             |
|-------------|------|-----------|---------------------|
| <b>ENSS</b> |      |           | Vardo/Svartnes      |
|             |      | APCH      |                     |
|             |      | J15       | 1                   |
|             |      | J33       | 1                   |
| <b>ENST</b> |      |           | Stokka/Sandnessjoen |
|             |      | APCH      |                     |
|             |      | J02       | 1                   |
|             |      | J20       | 1                   |
| <b>ENVD</b> |      |           | Vadso               |
|             |      | APCH      |                     |
|             |      | J07       | 1                   |
|             |      | J25       | 1                   |
| <b>EPPR</b> |      |           | Pruszcz Gdanski     |
|             |      | APCH      |                     |
|             |      | N27-X     | 5                   |
|             |      | N27-Y     | 5                   |
|             |      | N27-Z     | 5                   |
| <b>ETAD</b> |      |           | Spangdahlem AB      |
|             |      | SID       |                     |
|             |      | GERK1H    | 11                  |
|             |      | PIRE1H    | 11                  |
|             |      | TOLE1H    | 11                  |
| <b>ETMN</b> |      |           | Nordholz            |
|             |      | APCH      |                     |
|             |      | I08       | 11                  |
|             |      | L08       | 11                  |
| <b>ETNG</b> |      |           | Geilenkirchen       |
|             |      | SID       |                     |
|             |      | NG227     | 22                  |
|             |      | NG81      | 11                  |
|             |      | NG86      | 11                  |
|             |      | NG91      | 11                  |
| <b>ETNT</b> |      |           | Wittmundhafen       |
|             |      | APCH      |                     |
|             |      | I26       | 11                  |
|             |      | L26       | 11                  |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                        |
|-------------|------|-----------|--------------------------------|
| <b>ETSI</b> |      |           | Ingolstadt/Manching            |
|             |      | APCH      |                                |
|             |      | I24LX     | 11                             |
|             |      | L24LX     | 11                             |
| <b>EVLA</b> |      |           | Liepaja                        |
|             |      | APCH      |                                |
|             |      | I24-Z     | 5                              |
|             |      | V06-Z     | 5                              |
|             |      | V24-Z     | 5                              |
|             |      | SID       |                                |
|             |      | LEP1E     | 5                              |
|             |      | LEP1G     | 5                              |
| <b>KENV</b> |      |           | Wendover                       |
|             |      | APCH      |                                |
|             |      | R08       | 5                              |
| <b>KEWR</b> |      |           | Newark Liberty Intl            |
|             |      | APCH      |                                |
|             |      | J04L      | 1                              |
|             |      | J04R      | 1                              |
|             |      | J11       | 1                              |
|             |      | J22L      | 1                              |
|             |      | J22R      | 1                              |
| <b>KIAH</b> |      |           | Houston/George Bush Intercont  |
|             |      | APCH      |                                |
|             |      | J08L      | 1                              |
|             |      | J08R      | 1                              |
|             |      | J09       | 1                              |
|             |      | J26L      | 1                              |
|             |      | J26R      | 1                              |
|             | J27  | 1         |                                |
| <b>KMFR</b> |      |           | Medford/Rogue Valley Intl-Medf |
|             |      | APCH      |                                |
|             |      | R32-Y     | 5                              |
| <b>KMTN</b> |      |           | Baltimore/Martin State         |
|             |      | APCH      |                                |
|             |      | T15       | 11                             |
|             |      | V15       | 11                             |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                         |
|-------------|------|-----------|---------------------------------|
| <b>KNHK</b> |      |           | Patuxent River NAS (Trapnell F) |
|             |      | SID       |                                 |
|             |      | SWABY9    | 11                              |
| <b>KNSI</b> |      |           | San Nicolas Island NOLF         |
|             |      | APCH      |                                 |
|             |      | I30       | 11                              |
|             |      | L30       | 11                              |
| <b>KNTU</b> |      |           | Virginia Beach/Oceana NAS /Apo  |
|             |      | SID       |                                 |
|             |      | WYNNS4    | 11                              |
| <b>KSFO</b> |      |           | San Francisco Intl              |
|             |      | APCH      |                                 |
|             |      | J19L      | 1                               |
|             |      | J19R      | 1                               |
|             |      | J28L      | 1                               |
|             |      | J28R      | 1                               |
| <b>KVKX</b> |      |           | Friendly/Potomac Airfield       |
|             |      | APCH      |                                 |
|             |      | R06       | 5                               |
| <b>LCRA</b> |      |           | Akrotiri AB                     |
|             |      | STAR      |                                 |
|             |      | ANANEA    | 11                              |
|             |      | ANANEB    | 11                              |
|             |      | IREFAA    | 11                              |
|             |      | MEZUSA    | 11                              |
|             |      | MEZUSB    | 11                              |
| <b>LEMG</b> |      |           | Malaga/Costa del Sol            |
|             |      | APCH      |                                 |
|             |      | J13-Y     | 1                               |
|             |      | J13-Z     | 1                               |
|             |      | J31-Y     | 1                               |
|             |      | J31-Z     | 1                               |
| <b>LESO</b> |      |           | San Sebastian                   |
|             |      | SID       |                                 |
|             |      | BLV1Y     | 11                              |
|             |      | BTZ1Y     | 11                              |
|             |      | CEGA2Z    | 11                              |
|             |      | PPN1Z     | 11                              |

\*See Reason Code table on page R1



| Type        | Procedure | Reason*               |
|-------------|-----------|-----------------------|
| <b>LFBD</b> |           | Bordeaux/Merignac     |
|             | SID       |                       |
|             | ROYA5Z    | 5                     |
|             | SAU5Z     | 5                     |
|             | VAVI5Z    | 5                     |
| <b>LFBH</b> |           | La Rochelle/Ile de Re |
|             | STAR      |                       |
|             | LUGE6D    | 11                    |
|             | LUSO6D    | 11                    |
|             | MARE6D    | 11                    |
| <b>LFBI</b> |           | Poitiers/Biard        |
|             | STAR      |                       |
|             | BALA5D    | 11                    |
|             | GINO5D    | 11                    |
|             | OLIN5D    | 11                    |
| <b>LFRH</b> |           | Lorient/Lann-Bihoue   |
|             | STAR      |                       |
|             | ADSE1L    | 11                    |
|             | ARE1K     | 11                    |
|             | ARE1R     | 11                    |
|             | BAGA1K    | 11                    |
|             | BAGA1R    | 11                    |
|             | LENS1K    | 11                    |
|             | LENS1R    | 11                    |
| <b>LFRJ</b> |           | Landivisiau           |
|             | APCH      |                       |
|             | I25       | 11                    |
|             | L25       | 11                    |
| <b>LFTH</b> |           | Hyeres/Toulon         |
|             | STAR      |                       |
|             | VARE2P    | 11                    |
| <b>LFVP</b> |           | St Pierre             |
|             | STAR      |                       |
|             | MQ2A      | 11                    |
| <b>LGLR</b> |           | Larissa               |
|             | SID       |                       |
|             | LAR1T     | 11                    |
|             | LAR1V     | 11                    |

\*See Reason Code table on page R1

| Type | Procedure | Reason* |
|------|-----------|---------|
|------|-----------|---------|

|      |        |    |
|------|--------|----|
| STAR |        |    |
|      | AGIS1Z | 11 |
|      | EDAS1E | 11 |
|      | EDAS1J | 11 |
|      | KOZ1E  | 11 |
|      | LOPO1E | 11 |
|      | LOPO1J | 11 |
|      | MIK1J  | 11 |
|      | PIKO1E | 11 |

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**LHKE** Kecskemet

|  |      |   |
|--|------|---|
|  | APCH |   |
|  | N12  | 5 |
|  | N30  | 5 |

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**LHNY** Nyiregyhaza

|  |       |   |
|--|-------|---|
|  | APCH  |   |
|  | H18-Z | 5 |
|  | H36-Z | 5 |

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**LHPA** Papa AB

|  |      |   |
|--|------|---|
|  | APCH |   |
|  | N16  | 5 |

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**LIBA** Amendola

|  |        |    |
|--|--------|----|
|  | STAR   |    |
|  | EKT01C | 11 |
|  | ERPO1A | 11 |
|  | TOPN1B | 11 |

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**LICZ** Catania/Sigonella MIL

|  |        |    |
|--|--------|----|
|  | SID    |    |
|  | ALUD5L | 11 |
|  | ALUD5M | 11 |
|  | NELD6V | 11 |
|  | NELD7L | 11 |
|  | NELD7M | 11 |
|  | NELD8W | 11 |
|  | NELD8X | 11 |
|  | PIMO7L | 11 |
|  | PIMO7M | 11 |

\*See Reason Code table on page R1

| Type | Procedure | Reason* |
|------|-----------|---------|
| STAR |           |         |
|      | LIBR3A    | 11      |
|      | LIBR3C    | 11      |
|      | LIBR3J    | 11      |
|      | NELD3A    | 11      |
|      | NELD3C    | 11      |
|      | PIMO3A    | 11      |
|      | PIMO3C    | 11      |
|      | PIMO3J    | 11      |
|      | UXUT1A    | 11      |
|      | UXUT1C    | 11      |
|      | UXUT1J    | 11      |

\*See Reason Code table on page R1

| Type        | Procedure | Reason*     |
|-------------|-----------|-------------|
| <b>LIED</b> |           | Decimomannu |
|             | STAR      |             |
|             | CAPO1J    | 11          |
|             | CAPO1K    | 11          |
|             | CAPO1P    | 11          |
|             | CAR1J     | 11          |
|             | CAR1K     | 11          |
|             | CAR1P     | 11          |
|             | CATA1J    | 11          |
|             | CATA1K    | 11          |
|             | CATA1P    | 11          |
|             | KOVA1J    | 11          |
|             | KOVA1K    | 11          |
|             | KOVA1P    | 11          |
|             | MAUR1J    | 11          |
|             | MAUR1K    | 11          |
|             | MAUR1P    | 11          |
|             | NIVE1J    | 11          |
|             | NIVE1K    | 11          |
|             | NIVE1P    | 11          |
|             | PERD1J    | 11          |
|             | PERD1K    | 11          |
|             | PERD1P    | 11          |
|             | RAME1P    | 11          |
|             | RICC1J    | 11          |
|             | RICC1K    | 11          |
|             | RICC1P    | 11          |
|             | SILV1J    | 11          |
|             | SILV1K    | 11          |
|             | SILV1P    | 11          |
|             | SOMU1P    | 11          |
|             | TEUL1J    | 11          |
|             | TEUL1K    | 11          |
|             | TEUL1P    | 11          |
|             | VANI1J    | 11          |
|             | VANI1K    | 11          |

|             |       |                |
|-------------|-------|----------------|
| <b>LIMF</b> |       | Torino/Caselle |
|             | SID   |                |
|             | TOP5C | 11             |

\*See Reason Code table on page R1

| Type        | Procedure | Reason*             |
|-------------|-----------|---------------------|
| <b>LIMP</b> |           | Parma               |
|             | STAR      |                     |
|             | BETM2B    | 11                  |
|             | LUP01B    | 11                  |
|             | MISP2B    | 11                  |
| <b>LIMS</b> |           | Piacenza            |
|             | SID       |                     |
|             | CORT5G    | 11                  |
|             | CORT5H    | 11                  |
|             | STAR      |                     |
|             | CORT1Q    | 11                  |
|             | GEN1Q     | 11                  |
| <b>LIPC</b> |           | Cervia              |
|             | APCH      |                     |
|             | I11-Y     | 11                  |
|             | I11-Z     | 11                  |
|             | L11-Y     | 11                  |
|             | L11-Z     | 11                  |
|             | STAR      |                     |
|             | AMLO1H    | 11                  |
|             | ASDO1H    | 11                  |
| <b>LIPL</b> |           | Ghedi               |
|             | APCH      |                     |
|             | I31L      | 11                  |
|             | L31L      | 11                  |
| <b>LIRE</b> |           | Pratica Di Mare Mil |
|             | STAR      |                     |
|             | GRA1L     | 11                  |
| <b>LIRM</b> |           | Grazzanise          |
|             | STAR      |                     |
|             | TEA1G     | 11                  |
| <b>LIRP</b> |           | Pisa/San Giusto     |
|             | SID       |                     |
|             | MARE8E    | 11                  |
| <b>LPBJ</b> |           | Beja Air Base Nr 11 |
|             | SID       |                     |
|             | BEJ1N     | 11                  |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                    |
|-------------|------|-----------|----------------------------|
| <b>LSZH</b> |      |           | Zurich                     |
|             | APCH | J14       | 1                          |
| <b>LTFG</b> |      |           | Alanya/Gazipasa            |
|             | APCH | L08       | 11                         |
| <b>MDPC</b> |      |           | Higuey/Punta Cana Intl     |
|             | APCH | J08       | 1                          |
|             |      | J09       | 1                          |
|             |      | J26       | 1                          |
|             |      | J27       | 1                          |
| <b>MHTG</b> |      |           | Tegucigalpa/Toncontin Intl |
|             | APCH | H20       | 13                         |
| <b>MMAN</b> |      |           | Monterrey/Del Norte Intl   |
|             | APCH | D20-4     | 11                         |
| <b>MSSS</b> |      |           | San Salvador/Ilopango Intl |
|             | APCH | V15       | 5                          |
| <b>N07</b>  |      |           | Lincoln Park               |
|             | APCH | R01       | 5                          |
|             |      | R19       | 5                          |
| <b>N40</b>  |      |           | Pittstown/Sky Manor        |
|             | APCH | R07       | 5                          |
|             |      | R25       | 5                          |
|             |      | V07       | 5                          |
| <b>N85</b>  |      |           | Pittstown/Alexandria       |
|             | APCH | D08       | 5                          |
| <b>NTAA</b> |      |           | Tahiti/Faa'a               |
|             | SID  | ARIT4E    | 5                          |
|             |      | ARIT4W    | 5                          |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*              |
|-------------|------|-----------|----------------------|
| <b>NTTE</b> |      |           | Tetiaroa             |
|             |      | SID       |                      |
|             |      | TAVI1E    | 5                    |
|             |      | TAVI1W    | 5                    |
| <b>NTTG</b> |      |           | Rangiroa             |
|             |      | APCH      |                      |
|             |      | V27-X     | 5                    |
| <b>NZTK</b> |      |           | Takaka               |
|             |      | APCH      |                      |
|             |      | R18-Y     | 5                    |
| <b>NZWB</b> |      |           | Woodbourne           |
|             |      | STAR      |                      |
|             |      | NORTHV    | 27                   |
|             |      | WESTV     | 27                   |
| <b>OIKQ</b> |      |           | Gheshm Island/Gheshm |
|             |      | STAR      |                      |
|             |      | MOBO1R    | 11                   |
|             |      | MOBO1T    | 11                   |
| <b>OIKR</b> |      |           | Rafsanjan            |
|             |      | STAR      |                      |
|             |      | SRJ2N     | 11                   |
| <b>OINN</b> |      |           | Noshahr              |
|             |      | SID       |                      |
|             |      | DANE2A    | 11                   |
|             |      | DANE2B    | 11                   |
| <b>OITM</b> |      |           | Maragheh/Sahand      |
|             |      | STAR      |                      |
|             |      | GETO1C    | 11                   |
| <b>PACJ</b> |      |           | Crooked Creek        |
|             |      | APCH      |                      |
|             |      | R14       | 5                    |
|             |      | SID       |                      |
|             |      | AJOFY1    | 5                    |
| <b>PARS</b> |      |           | Russian Mission      |
|             |      | APCH      |                      |
|             |      | R36       | 5                    |
| <b>RCFG</b> |      |           | Matsu/Nangan         |
|             |      | STAR      |                      |
|             |      | PT1       | 11                   |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                 |
|-------------|------|-----------|-------------------------|
| <b>RCKH</b> |      |           | Kaohsiung International |
|             | STAR |           |                         |
|             |      | PARP1D    | 11                      |
|             |      | PORC1B    | 11                      |
| <b>RCKW</b> |      |           | Hengchun                |
|             | STAR |           |                         |
|             |      | FA1B      | 11                      |
|             |      | FA1J      | 11                      |
| <b>RCMT</b> |      |           | Matsu/Beigan            |
|             | SID  |           |                         |
|             |      | HOOP1A    | 11                      |
|             |      | MEDI2A    | 11                      |
| <b>RJAW</b> |      |           | Iwoto                   |
|             | STAR |           |                         |
|             |      | KANGO     | 11                      |
|             |      | SAUNA     | 11                      |
| <b>RJFN</b> |      |           | Nyutabaru AB            |
|             | SID  |           |                         |
|             |      | TENSO3    | 11                      |
|             |      | YATOG2    | 11                      |
| <b>RJFZ</b> |      |           | Tsuiki                  |
|             | SID  |           |                         |
|             |      | ZZT4      | 11                      |
|             | STAR |           |                         |
|             |      | HIMEH     | 11                      |
| <b>RJST</b> |      |           | Matsushima              |
|             | SID  |           |                         |
|             |      | RIASU2    | 22                      |
| <b>RJTL</b> |      |           | Shimofusa               |
|             | SID  |           |                         |
|             |      | KOGAR2    | 11                      |
| <b>RJTT</b> |      |           | Tokyo Intl/Haneda       |
|             | APCH |           |                         |
|             |      | J34LY     | 1                       |
|             |      | J34RY     | 1                       |
| <b>RJTU</b> |      |           | Utsunomiya              |
|             | SID  |           |                         |
|             |      | MIKRA4    | 11                      |

\*See Reason Code table on page R1



|             | Type | Procedure | Reason*                      |
|-------------|------|-----------|------------------------------|
| <b>RKSM</b> |      |           | Seoul Domestic               |
|             |      | APCH      |                              |
|             |      | I20-Z     | 22                           |
|             |      | L19-Z     | 22                           |
|             |      | L20-Z     | 22                           |
| <b>SKUL</b> |      |           | Tulua/Heriberto Gil Martinez |
|             |      | APCH      |                              |
|             |      | V02       | 5                            |
| <b>UERP</b> |      |           | Poliarny                     |
|             |      | APCH      |                              |
|             |      | J17       | 1                            |
|             |      | J35       | 1                            |
| <b>UERR</b> |      |           | Mirny                        |
|             |      | APCH      |                              |
|             |      | J07       | 1                            |
|             |      | J25       | 1                            |
| <b>UHBB</b> |      |           | Blagoveshchensk/Ignatyev     |
|             |      | APCH      |                              |
|             |      | J18       | 1                            |
|             |      | J36       | 1                            |
| <b>UHHH</b> |      |           | Khabarovsk/Novy              |
|             |      | APCH      |                              |
|             |      | J05L      | 1                            |
|             |      | J05R      | 1                            |
|             |      | J23L      | 1                            |
|             |      | J23R      | 1                            |
| <b>UHHM</b> |      |           | Chegdomyn                    |
|             |      | APCH      |                              |
|             |      | H13       | 5                            |
|             |      | H31       | 5                            |
| <b>UHKM</b> |      |           | Sovetskaya Gavan/May-Gatka   |
|             |      | APCH      |                              |
|             |      | J09       | 1                            |
|             |      | J27       | 1                            |
| <b>UHMM</b> |      |           | Magadan/Sokol                |
|             |      | APCH      |                              |
|             |      | J10       | 1                            |
|             |      | J28       | 1                            |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                        |
|-------------|------|-----------|--------------------------------|
| <b>UHMP</b> |      |           | Pevek                          |
|             |      | APCH      |                                |
|             |      | J17       | 1                              |
|             |      | J35       | 1                              |
| <b>UHNN</b> |      |           | Nikolaevsk-na-Amure            |
|             |      | APCH      |                                |
|             |      | J11       | 1                              |
|             |      | J29       | 1                              |
| <b>UHPK</b> |      |           | Ust-Kamchatsk                  |
|             |      | STAR      |                                |
|             |      | DOMUD2    | 5                              |
| <b>UHPP</b> |      |           | Petropavlovsk-Kamchatsky/Yeliz |
|             |      | APCH      |                                |
|             |      | J34L      | 1                              |
| <b>UHSB</b> |      |           | Okha/Novostroyka               |
|             |      | APCH      |                                |
|             |      | J13       | 1                              |
|             |      | J31       | 1                              |
| <b>UHSI</b> |      |           | Iturup                         |
|             |      | APCH      |                                |
|             |      | J13       | 1                              |
|             |      | J31       | 1                              |
| <b>UHSN</b> |      |           | Nogliki                        |
|             |      | APCH      |                                |
|             |      | J04       | 1                              |
|             |      | J22       | 1                              |
| <b>UHWW</b> |      |           | Vladivostok/Knevichi           |
|             |      | APCH      |                                |
|             |      | J07R      | 1                              |
|             |      | J25L      | 1                              |
| <b>UIAA</b> |      |           | Chita/Kadala                   |
|             |      | APCH      |                                |
|             |      | J29       | 1                              |
| <b>UIBB</b> |      |           | Bratsk                         |
|             |      | APCH      |                                |
|             |      | J12       | 1                              |
|             |      | J30       | 1                              |

\*See Reason Code table on page R1

|             | Type   | Procedure | Reason*                     |
|-------------|--------|-----------|-----------------------------|
| <b>UIII</b> |        |           | Irkutsk                     |
|             |        | APCH      |                             |
|             |        | J12       | 1                           |
|             |        | J30       | 1                           |
| <b>UIUU</b> |        |           | Ulan-Ude/Mukhino            |
|             |        | APCH      |                             |
|             |        | I08-Y     | 5                           |
|             |        | J08       | 1                           |
|             |        | J26       | 1                           |
|             |        | N08-Y     | 5                           |
|             |        | N08-Z     | 5                           |
|             |        | STAR      |                             |
|             |        | BULE5H    | 5                           |
|             |        | OSTU5H    | 5                           |
|             |        | RIDL5H    | 5                           |
|             | TOLG5H | 5         |                             |
| <b>UKHK</b> |        |           | Kremenchuk/Velyka Kokhnyvka |
|             |        | APCH      |                             |
|             |        | N36       | 5                           |
| <b>ULAA</b> |        |           | Arkhangelsk/Talagi          |
|             |        | APCH      |                             |
|             |        | J08       | 1                           |
|             |        | J26       | 1                           |
| <b>ULAM</b> |        |           | Naryan-Mar                  |
|             |        | APCH      |                             |
|             |        | J06       | 1                           |
|             |        | J24       | 1                           |
| <b>ULLI</b> |        |           | Sankt-Peterburg/Pulkovo     |
|             |        | APCH      |                             |
|             |        | J10L      | 1                           |
|             |        | J10R      | 1                           |
|             |        | J28L      | 1                           |
|             |        | J28R      | 1                           |
| <b>ULMK</b> |        |           | Apatity/Khibiny             |
|             |        | APCH      |                             |
|             |        | J11       | 1                           |
|             |        | J29       | 1                           |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                |
|-------------|------|-----------|------------------------|
| <b>ULMM</b> |      |           | Murmansk               |
|             |      | APCH      |                        |
|             |      | J13       | 1                      |
|             |      | J31-Y     | 1                      |
|             |      | J31-Z     | 1                      |
| <b>ULOO</b> |      |           | Pskov/Kresty           |
|             |      | APCH      |                        |
|             |      | J01       | 1                      |
|             |      | J19       | 1                      |
| <b>ULPB</b> |      |           | Petrozavodsk           |
|             |      | APCH      |                        |
|             |      | J01       | 1                      |
|             |      | J19       | 1                      |
| <b>ULWW</b> |      |           | Vologda                |
|             |      | APCH      |                        |
|             |      | J15       | 1                      |
|             |      | J33       | 1                      |
| <b>UMKK</b> |      |           | Kaliningrad/Khrabrovo  |
|             |      | APCH      |                        |
|             |      | J06       | 1                      |
|             |      | J24       | 1                      |
| <b>UMMS</b> |      |           | Minsk-2                |
|             |      | APCH      |                        |
|             |      | J13L      | 1                      |
|             |      | J31R      | 1                      |
| <b>UNBB</b> |      |           | Barnaul/Mikhaylovka    |
|             |      | APCH      |                        |
|             |      | J06       | 1                      |
|             |      | J24       | 1                      |
| <b>UNBG</b> |      |           | Gorno-Altaysk          |
|             |      | APCH      |                        |
|             |      | J20       | 1                      |
| <b>UNEE</b> |      |           | Kemerovo/Alexey Leonov |
|             |      | APCH      |                        |
|             |      | J23       | 1                      |
| <b>UNKL</b> |      |           | Krasnoyarsk            |
|             |      | APCH      |                        |
|             |      | J11       | 1                      |
|             |      | J29       | 1                      |

\*See Reason Code table on page R1

| Type        | Procedure | Reason*                  |
|-------------|-----------|--------------------------|
| <b>UNKY</b> |           | Kyzyl                    |
|             | APCH      |                          |
|             | J05       | 1                        |
| <b>UNOO</b> |           | Omsk/Tsentralny          |
|             | APCH      |                          |
|             | J07       | 1                        |
|             | J25       | 1                        |
| <b>UNTT</b> |           | Tomsk/Bogashevo          |
|             | APCH      |                          |
|             | J03       | 1                        |
|             | J21       | 1                        |
| <b>UNWW</b> |           | Novokuznetsk/Spichenkovo |
|             | APCH      |                          |
|             | J01       | 1                        |
|             | J19       | 1                        |
| <b>UOOO</b> |           | Norilsk/Alykel           |
|             | APCH      |                          |
|             | J01       | 1                        |
|             | J19       | 1                        |
| <b>URKK</b> |           | Krasnodar/Pashkovskiy    |
|             | APCH      |                          |
|             | J05R      | 1                        |
|             | J23L      | 1                        |
| <b>URMG</b> |           | Grozny/Severny           |
|             | APCH      |                          |
|             | J08       | 1                        |
|             | J26       | 1                        |
| <b>URML</b> |           | Makhachkala/Uytash       |
|             | APCH      |                          |
|             | J14       | 1                        |
|             | J32       | 1                        |
|             | SID       |                          |
|             | H1A       | 5                        |
|             | TA1A      | 5                        |
|             | STAR      |                          |
|             | BUIK1E    | 5                        |
|             | BUIK1G    | 5                        |
|             | GUDE1E    | 5                        |
| GUDE1G      | 5         |                          |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                |
|-------------|------|-----------|------------------------|
| <b>URMM</b> |      |           | Mineralnyye Vody       |
|             |      | APCH      |                        |
|             |      | J12       | 1                      |
|             |      | J30       | 1                      |
| <b>URMN</b> |      |           | Nalchik                |
|             |      | APCH      |                        |
|             |      | J24       | 1                      |
| <b>URMO</b> |      |           | Vladikavkaz/Beslan     |
|             |      | APCH      |                        |
|             |      | J09       | 1                      |
|             |      | J27-Y     | 1                      |
|             |      | J27-Z     | 1                      |
| <b>URMS</b> |      |           | Magas                  |
|             |      | APCH      |                        |
|             |      | J09       | 1                      |
|             |      | J27       | 1                      |
| <b>URMT</b> |      |           | Stavropol/Shpakovskoye |
|             |      | APCH      |                        |
|             |      | J07       | 1                      |
|             |      | J25       | 1                      |
| <b>URRP</b> |      |           | Rostov-na-Donu/Platov  |
|             |      | APCH      |                        |
|             |      | J05       | 1                      |
|             |      | J23       | 1                      |
| <b>URRT</b> |      |           | Taganrog/Yuzhny        |
|             |      | APCH      |                        |
|             |      | N10-X     | 5                      |
|             |      | N28-X     | 5                      |
| <b>URSS</b> |      |           | Sochi                  |
|             |      | APCH      |                        |
|             |      | J02       | 1                      |
|             |      | J06       | 1                      |
| <b>URWI</b> |      |           | Elista                 |
|             |      | APCH      |                        |
|             |      | J09       | 1                      |
|             |      | J27       | 1                      |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*               |
|-------------|------|-----------|-----------------------|
| <b>URWW</b> |      |           | Volgograd/Gumrak      |
|             |      | APCH      |                       |
|             |      | J05       | 1                     |
|             |      | J23       | 1                     |
| <b>USCC</b> |      |           | Chelyabinsk/Balandino |
|             |      | APCH      |                       |
|             |      | J09       | 1                     |
|             |      | J27       | 1                     |
| <b>USCM</b> |      |           | Magnitogorsk          |
|             |      | APCH      |                       |
|             |      | J18       | 1                     |
|             |      | J36       | 1                     |
| <b>USDA</b> |      |           | Sabetta               |
|             |      | APCH      |                       |
|             |      | J04       | 1                     |
|             |      | J22       | 1                     |
| <b>USDB</b> |      |           | Bovanenkovo           |
|             |      | APCH      |                       |
|             |      | J10       | 1                     |
|             |      | J28       | 1                     |
| <b>USDD</b> |      |           | Salekhard             |
|             |      | APCH      |                       |
|             |      | J04       | 1                     |
|             |      | J22       | 1                     |
| <b>USHH</b> |      |           | Khanty-Mansiysk       |
|             |      | APCH      |                       |
|             |      | J06       | 1                     |
|             |      | J24       | 1                     |
| <b>USII</b> |      |           | Izhevsk               |
|             |      | APCH      |                       |
|             |      | J01       | 1                     |
|             |      | J19       | 1                     |
| <b>USKK</b> |      |           | Kirov/Pobedilovo      |
|             |      | APCH      |                       |
|             |      | J03       | 1                     |
|             |      | J21       | 1                     |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                |
|-------------|------|-----------|------------------------|
| <b>USMU</b> |      |           | Novy Urengoy           |
|             |      | APCH      |                        |
|             |      | J09       | 1                      |
|             |      | J27       | 1                      |
| <b>USNN</b> |      |           | Nizhnevartovsk         |
|             |      | APCH      |                        |
|             |      | J03       | 1                      |
|             |      | J21       | 1                      |
| <b>USPP</b> |      |           | Perm/Bolshoe Savino    |
|             |      | APCH      |                        |
|             |      | J03       | 1                      |
|             |      | J21       | 1                      |
| <b>USRO</b> |      |           | Noyabrsk               |
|             |      | APCH      |                        |
|             |      | J01       | 1                      |
|             |      | J19       | 1                      |
| <b>USSS</b> |      |           | Yekaterinburg/Koltsovo |
|             |      | APCH      |                        |
|             |      | J08L      | 1                      |
|             |      | J08R      | 1                      |
|             |      | J26L      | 1                      |
|             |      | J26R      | 1                      |
| <b>USTR</b> |      |           | Tyumen/Roshchino       |
|             |      | APCH      |                        |
|             |      | J03       | 1                      |
|             |      | J12       | 1                      |
|             |      | J21       | 1                      |
|             |      | J30       | 1                      |
| <b>USUU</b> |      |           | Kurgan                 |
|             |      | APCH      |                        |
|             |      | J02       | 1                      |
|             |      | J20       | 1                      |
| <b>UUBC</b> |      |           | Kaluga/Grabtsevo       |
|             |      | APCH      |                        |
|             |      | J13       | 1                      |
|             |      | J31       | 1                      |

\*See Reason Code table on page R1



| Type         | Procedure | Reason*                 |
|--------------|-----------|-------------------------|
| <b>UUDD</b>  |           | Moscow/Domodedovo       |
|              | APCH      |                         |
|              | J14LY     | 1                       |
|              | J14LZ     | 1                       |
|              | J14RY     | 1                       |
|              | J14RZ     | 1                       |
|              | J32L      | 1                       |
|              | J32R      | 1                       |
| <b>UU DL</b> |           | Yaroslavl/Tunoshna      |
|              | APCH      |                         |
|              | J05       | 1                       |
| <b>UUEE</b>  |           | Moscow/Sheremetyevo     |
|              | APCH      |                         |
|              | J06C      | 1                       |
|              | J06L      | 1                       |
|              | J06R      | 1                       |
|              | J24C      | 1                       |
|              | J24L      | 1                       |
|              | J24R      | 1                       |
| <b>UUMO</b>  |           | Moscow/Ostafyevo        |
|              | APCH      |                         |
|              | J25       | 1                       |
| <b>UUOB</b>  |           | Belgorod                |
|              | APCH      |                         |
|              | J11       | 1                       |
|              | J29       | 1                       |
| <b>UUOL</b>  |           | Lipetsk                 |
|              | APCH      |                         |
|              | J15       | 1                       |
|              | J33       | 1                       |
| <b>UUOO</b>  |           | Voronezh/Chertovitskoye |
|              | APCH      |                         |
|              | J12       | 1                       |
| <b>UUWW</b>  |           | Moscow/Vnukovo          |
|              | APCH      |                         |
|              | J01       | 1                       |
|              | J06       | 1                       |
|              | J19       | 1                       |
|              | J24       | 1                       |

\*See Reason Code table on page R1

|             | Type   | Procedure | Reason*                  |
|-------------|--------|-----------|--------------------------|
| <b>UUYH</b> |        |           | Ukhta                    |
|             |        | APCH      |                          |
|             |        | J18       | 1                        |
|             |        | J36       | 1                        |
| <b>UUYI</b> |        |           | Inta                     |
|             |        | SID       |                          |
|             |        | BABE1A    | 5                        |
|             |        | BABE1B    | 5                        |
|             |        | INTA1A    | 5                        |
|             |        | INTA1B    | 5                        |
|             |        | PERA1A    | 5                        |
|             |        | PERA1B    | 5                        |
|             |        | ROLE1A    | 5                        |
|             | ROLE1B | 5         |                          |
| <b>UUYs</b> |        |           | Usinsk                   |
|             |        | APCH      |                          |
|             |        | J13       | 1                        |
|             |        | J31       | 1                        |
| <b>UUYW</b> |        |           | Vorkuta                  |
|             |        | APCH      |                          |
|             |        | J08       | 1                        |
|             | J26    | 1         |                          |
| <b>UUYy</b> |        |           | Syktvykar                |
|             |        | APCH      |                          |
|             |        | J18       | 1                        |
|             | J36    | 1         |                          |
| <b>UWGG</b> |        |           | Nizhny Novgorod/Strigino |
|             |        | APCH      |                          |
|             |        | J18L      | 1                        |
|             | J36R   | 1         |                          |
| <b>UWKD</b> |        |           | Kazan                    |
|             |        | APCH      |                          |
|             |        | J11       | 1                        |
|             |        | J29       | 1                        |
|             | V11-X  | 5         |                          |
| <b>UWKE</b> |        |           | Nizhnekamsk/Begishevo    |
|             |        | APCH      |                          |
|             |        | J03       | 1                        |
|             | J21    | 1         |                          |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*               |
|-------------|------|-----------|-----------------------|
| <b>UWKJ</b> |      |           | Yoshkar-Ola           |
|             |      | APCH      |                       |
|             |      | J16       | 1                     |
|             |      | J34       | 1                     |
| <b>UWLL</b> |      |           | Ulyanovsk/Baratayevka |
|             |      | APCH      |                       |
|             |      | J02       | 1                     |
|             |      | J20       | 1                     |
| <b>UWOO</b> |      |           | Orenburg              |
|             |      | APCH      |                       |
|             |      | J08       | 1                     |
|             |      | J26       | 1                     |
| <b>UWOR</b> |      |           | Orsk                  |
|             |      | APCH      |                       |
|             |      | J07       | 1                     |
|             |      | J25       | 1                     |
| <b>UWPP</b> |      |           | Penza                 |
|             |      | APCH      |                       |
|             |      | J11       | 1                     |
|             |      | J29       | 1                     |
| <b>UWSG</b> |      |           | Saratov/Gagarin       |
|             |      | APCH      |                       |
|             |      | J08       | 1                     |
|             |      | J26       | 1                     |
| <b>UWSK</b> |      |           | Krasny Kut            |
|             |      | SID       |                       |
|             |      | X003      | 5                     |
|             |      | X070      | 5                     |
|             |      | X107      | 5                     |
|             |      | X130      | 5                     |
|             |      | X156      | 5                     |
|             | X351 | 5         |                       |
| <b>UWUU</b> |      |           | Ufa                   |
|             |      | APCH      |                       |
|             |      | J14L      | 1                     |
|             |      | J14R      | 1                     |
|             |      | J32L      | 1                     |
|             |      | J32R      | 1                     |

\*See Reason Code table on page R1

|             | Type | Procedure | Reason*                      |
|-------------|------|-----------|------------------------------|
| <b>UWWW</b> |      |           | Samara/Kurumoch              |
|             |      | APCH      |                              |
|             |      | J05       | 1                            |
|             |      | J15       | 1                            |
|             |      | J23       | 1                            |
|             |      | J33       | 1                            |
| <b>VTBK</b> |      |           | Nakhon Pathom/Kamphaeng Saen |
|             |      | APCH      |                              |
|             |      | V21       | 2                            |
| <b>WAJI</b> |      |           | Sarmi/Mararena               |
|             |      | APCH      |                              |
|             |      | H13       | 5                            |
|             |      | H31       | 5                            |
| <b>WAKE</b> |      |           | Mappi/Bade                   |
|             |      | APCH      |                              |
|             |      | H02       | 5                            |
|             |      | H20       | 5                            |
| <b>WASA</b> |      |           | Maybrat/Ayawasi              |
|             |      | APCH      |                              |
|             |      | H09       | 5                            |
|             |      | H27       | 5                            |
| <b>WASI</b> |      |           | Inanwatan                    |
|             |      | APCH      |                              |
|             |      | H08       | 5                            |
|             |      | H26       | 5                            |
| <b>WAUM</b> |      |           | Merdey                       |
|             |      | APCH      |                              |
|             |      | H27       | 5                            |
| <b>YMML</b> |      |           | Melbourne Intl               |
|             |      | APCH      |                              |
|             |      | J09       | 1                            |
|             |      | J16-T     | 1                            |
|             |      | J16-Z     | 1                            |
|             |      | J27       | 1                            |
|             |      | J34       | 1                            |

\*See Reason Code table on page R1

| Type        | Procedure                   | Reason* |
|-------------|-----------------------------|---------|
| <b>YSSY</b> | Sydney/Kingsford Smith Intl |         |
|             | APCH                        |         |
|             | J07                         | 1       |
|             | J16L                        | 1       |
|             | J16R                        | 1       |
|             | J25                         | 1       |
|             | J34L                        | 1       |
|             | J34R                        | 1       |

\*See Reason Code table on page R1

## Reason Table CMC

| Code | Explanation  |
|------|--|
| 1    | procedure based on SCAT GBAS system, not accepted by Data Packer                           |
| 2    | VOR and VOR/DME APP published without multiple indicator, VOR-only APP excluded            |
| 5    | procedure authorized for CAT A aircraft only   |
| 11   | procedure contains AF (Arc-to-Fix) Path Termination, based on invalid Navaid               |
| 12   | Vector SID, not accepted by Data Packer  |
| 13   | RNAV (RNP) and RNAV (GNSS) APP published without multiple indicator, RNP APP excluded      |
| 22   | procedure contains CR (Course-to-Radial) Path Termination, based on invalid type of Navaid |
| 27   | STAR that does not have a common start fix   |

If you have any questions concerning this report, please contact your FMS Customer Support at [fms.support@lhsystems.com](mailto:fms.support@lhsystems.com) or call +41 44 828 65 55