

## Version 5 Batch Format

```
// Optional fields are shown in orange
// New mandatory fields in blue

// ADD|APT|ICAO|CT|City|Facility|Lat|Long|Height|Fuel|Type|UTC
// where ICAO is the identifier
//     CT - the country two letter identifier, followed by '-' and
//           optionally the country name, mandatory if new to the database.
//     City - city name, uppercase main ascii set only
//     Facility - facility name, uppercase main ascii set only
//     Lat - latitude N or S, and the co-ordinate in one of two formats:
//           Ndd~mm.mmm or Nddmmss
//     Long - longitude E or W, either Wddd~mm.mmm or Wdddmmss
//     Height is in feet
//     Fuel - J, A, or JA
//     Type - [MIL], [PRV], or [HEL]
//     UTC - UTC+n, UTC-n, (n in hours) optionally followed by +DST

// ADD|INT|ICAO|CT|Name|Parent|Lat|Long|VRP
// where Name and Parent may be the reserved word UNSET.
//     VRP - sets the type to "VRP".

// ADD|NDB|ICAO|CT|City|Facility|Lat|Long|Frequency|L
// where L - indicates the alternative icon.

// ADD|VOR|ICAO|CT|City|Facility|Lat|Long|Frequency|VOR|WX|Power|MagVar
// where VOR can be VOR, DME, TACAN, VORDME, VORTAC, or ILSDME
//     WX - weather information
//     Power - Low, High, or Term
//     MagVar- magnetic variation in square brackets, eg: [+03]
//           (must contain + or - and two digits)

// ADD|RWY|ICAO|CT|LengthXWidth|Descr|Surface|Lighting|Picture
// where Airport "ICAO|CT" must exist in the database
//     Length is in feet, and XWidth is optional. (eg 6000x150).
//     Descr - rwy heading range 00-18, optionally suffixed by L, R, or C.
//     Surface - Hard, Turf, Sealed, Gravel, Dirt, Soft, Unkwn, or Water.
//     Lighting - no lts, pc lts, pt lts, or ft lts.
//     Picture - <L-R> 2<space>8<space>8 hex digits
//           (all digits zero if unknown)

// ADD|FRQ|ICAO|CT|Type|Frequency|M|R:restrictions
// where Airport |ICAO|CT must exist in the database
//     Type - ATIS, ASOS, AWOS, AWIS, AWIB, PreTax, Clrnce, Gate,
//           Ramp, Ground, Tower, Unicom, Multi, GndCom, Info, Radio,
//           FSS, Dep, App, Arrivl, Cls B, Trminl, TMA, CTA,
//           Cls C, TRSA, Centre, Contrl, Heli, Radar, Airlft, Direct,
//           Emeryg, Ops, PCL, R/CTAF, M/CTAF, U/CTAF, F/CTAF, T/CTAF.
//     M - must read "M" if present, and is the "pc lts" frequency flag.
//     R:restrictions (must start with R:) can consist of any of the
//           following elements IN THIS ORDER, separated by spaces (d=digits 0-9):
//           RX or TX
//           ddd-ddd - bearings (must include leading zeros)
//           ABOVEdddd- height
//           BELOWdddd- height
//           REMOTEVORXXX - XXX is vor ident
//           "plain text" - enclosed in quotes as shown.

// DEL|APT|ICAO|CT|City|Facility
// DEL|INT|ICAO|CT|City|Facility
```

```
// DEL|NDB|ICAO|CT|City|Facility
// DEL|VOR|ICAO|CT|City|Facility
// If included, City and Facility fields must be correct.

// DEL|RWY|ICAO|CT|Length|Description
// DEL|FRQ|ICAO|CT|Type|Frequency
// ADD|USR|Ident|Lat|Long|Name
// DEL|USR|Ident

// Note that: 1) ADD when the item is present, is treated as modify.
//             2) DEL when the item is absent is not an error.

// This means that the same batch file may be run many times on the
// same database without problems.
// This is important while correcting errors in the file.

// The best way to obtain example batch files is to create some using
// File/SaveAs in your _GEN program.
// RTE entries have no batch facilities at all.
```