Estimating Associator Space

Option "A" calculates one of two Associator component values: the address converter (AC) space, or the normal (NI) and upper (UI) index space.

```
08:22:50          *****  A D A B A S   BASIC  SERVICES  *****       2006-07-14
                            -  ASSO Space Calculation  -              PSPA002




                             Code    Service
                             ----    -------------------
                              A      Address Converter
                              I      Normal/Upper Index
                              ?      Help
                              .      Exit
                             ----    -------------------


                Code ..........
                Database ID ... 105    (RD-MPM105)




  Command ==>
  PF1----- PF2------ PF3------ PF4------ PF6----- PF7----- PF8----- PF12-----
  Help               Exit                                          Menu
```

The equivalent direct command is

```
CALCULATE ASSO
```

AC space is based on the device type and the estimated number of records in the related Data Storage file.

```
08:23:07          *****  A D A B A S   BASIC  SERVICES  *****       2006-07-14
   DBID 105                    -  Address Converter  -                 PSPAA02

   Maximum number of records ... 0
   ASSO Device-Type ............ 8391
   Block Size .................. 4136

   Required number of blocks ...
   Required number of cyls. ....
```

NI/UI calculates index values for a *single* descriptor, requiring you to estimate such things as the average descriptor length, the number of multiple descriptors you expect to have, the total number of unique descriptor values for that field, an Associator padding factor, and a device type if other than the default.

```
08:33:30         *****  A D A B A S   BASIC  SERVICES  *****       2006-07-14
   DBID 105                  -  Normal/Upper Index  -                  PSPAI02

   Computation for one Descriptor  -
      Maximum number of records for the file ........ 0
      Average number of DE-values per record ........ 1.0
      Average length of DE-value in bytes ........... 0
      Number of different DE-values in the file ..... 0
      Padding factor for ASSO ....................... 10 %
      ASSO Device Type .............................. 8391
      ASSO Block Size ............................... 4136

                                I Normal Index I Upper Index I
      I-------------------------------------------------------
      I Required number of blocks I            0 I           0 I
      I Required number of cyls.  I            0 I           0 I
      I-------------------------------------------------------

                                                          Use ? for Help
```