

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 -                               PSPA002

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
```