Data Acquisition	@PAM_DATAPOINT

Create a datapoint without forcing a fuel reading.

Keyword:

@PAM_DATAPOINT

Usage:

Take one or more datapoints during this test mode. If the desired_time is 0 or "-", the time specified by the variable target_fr_tim will be used. This is identical for @FUEL_READING except that the actual fuel sample is not taken.

The number_of_readings, interval, and desired_time data fields can all be specified as a constant, variable label, or computed expression.

Data Fields:

start_type	code for when to send a start signal to the collector task. Options are AT_START, AFTER_STABILITY, EXTERNAL_SYNC
stop_path	code for what action to take when the support task completes its function. Options are NONE, MODE_TERMINATE, RETURN, a mode number, or a procedure file pathname.
number_readings	the number of datapoints to request
interval	the time between requests (when number_readings > 1)
sync_event	an event name for external synchronization
desired_time	the desired sample time

Example Specification:

```
@PAM_DATAPOINT
         #start_type         stop_path
         AFTER_STABILITY     MODE_TERMINATE
         #number_readings    interval    sync_event     desired_time
         1                   0.0[sec]    -              0[sec]
```

Request 1 datapoint after stabilization is complete. Terminate the mode when the data collection is complete.

Notes:

Specifying a non-zero desired_time will change the value of the target_fr_tim variable.

Either @FUEL_READING or @PAM_DATAPOINT may be used in a particular test mode, but not both.

Other Examples:

```
@PAM_DATAPOINT
   #start_type          stop_path
   AFTER_STABILITY      MODE_TERMINATE
   #number_readings     interval    sync_event    desired_time
   3                    fr_int      -             30[s]
```

Take 3 datapoints at an interval determined by the value of the fr_int variable, each 30 seconds long. Terminate the test mode when all 3 datapoints have been completed.