Subject: Partlow 1462 profile programming

MIC1462 Profile Programming

Programming a profile into the MIC1462 control is broken into three categories:
a) GLOBAL – Those parameters common to all programs
b) PROGRAM – Those which apply to a specific program as a whole
c) SEGMENT – Those relevant to a specific segment in a specific program.

Note: Before beginning to program, be sure the run light is off. If the run light is on, press and hold the RUN/HOLD key until the control displays Aborted and the run light goes out.

GLOBAL PARAMETERS

1) Press the mode key until the message display reads "Prof Par"
2) Press the scroll key once
3) Press the Prof key until the program number display reads "A"
4) The global parameters will now be displayed in the message display and the setting will be displayed in the lower display.
5) Press the scroll key to go from one parameter to the next
6) Press the up or down arrow to change the displayed setting.

PROGRAM PARAMETERS

1) Press the mode key until the message display reads "Prof Par"
2) Press the scroll key once
3) Press the Prof key until the desired program # is shown in the program number display
4) The program parameters will now be displayed in the message display and the setting will be displayed in the lower display.
5) Press the scroll key to go from one program parameter to the next.
6) Use the up and down arrows to change the setting

SEGMENT PROGRAMMING

1) After all the program parameters are set for a particular program number, be sure the desired program # is still displayed and then press the Run/Hold key. A one should now be displayed in the segment # display.
2) The segment programming parameters will now be displayed in the message display and the setting will be displayed in the lower display.
3) Press the up or down arrow to change the values in the lower display, press the scroll key to go to the next parameter in the message display.
Note the program number and segment number displays will remind you

which program and step you are currently programming.
4) To get 4 dashes "----" on the display for Final SP, press the up and down
arrow at the same time.
5) To enter "End" into the time for the final segment, press down arrow to go
below 0.

In the following example I assumed a 6 deg. Band enforced below the setpoint and
during dwell steps only. If this is not what you want, it can be easily changed.

GLOBAL PARAMETERS	
PARAMETER	SETTING
Start On	Proc
GoTo	Off
End On	-
Delay	00.00
LockProg	On
Recovery	0.01
RecType	cont
RTC Time	-
RTC Day	-
ExtSel	-

PROGRAM PARAMETERS	
Cycles	1
DevHold	L_SP
HoldBand	6.0
Hold On	d
Pre-x60	OFF
Timer	OFF
Strt-ti	-
Strtday	-

PROFILE 1			
Seg	FinalSP	Time/Rate	Events
1	180	00.02	
2	----	00.08	
3	300	00.02	
4	----	00.20	
5	140	00.08	
6	----	End	
7			