

CO	MR. W. A. BARNES	ATLANTA	(B)	FROM	E. A. LEWIS	DATE	10/14/68
	MR. F. A. DELEIN	LOS ANGELES	(B)				
	MR. A. NEHI	BRAKALEA	(B)	OFFICE	DIRECT SERVICE ENGINEERING		
	MR. E. NASESSA	TR-20	(B)				
	MR. A. MINICK	DALLAS	(B)	SUBJECT	19C PNEUMATIC CONTROLS		
	MR. T. C. PETERSON	CHICAGO	(B)		<u>FIELD EXPERIENCE REPORT 68-10</u>		
	MR. L. STUENZENBERGER	NEW YORK	(B)				
	MR. R. VAN DERPOOL	COC ADM	(B)				
	MR. H. E. GAFFIN	LOS ANGELES	(C)				
	MR. W. H. GUNTHER	NEW YORK	(C)				
	MR. H. A. JOHNSON	DALLAS	(C)				
	MR. R. T. MITCHELL	CHICAGO	(C)				
	MR. J. MOSES	ATLANTA	(C)				
	MR. R. VAN DERPOOL	COC ADM	(C)				
	MR. R. JOHNSTON	TR-20	(C)				
	MR. J. NOLAN	TR-4	(C)				

Over the years we have had many reports of pneumatic control problems due to unstable operation of the motor overload control. These problems appear to develop because of:

- 1) Vibration of the purge console.
- 2) Instability of the R-27 relay at low loads (i.e. - low signal air).

Some field offices have solved this problem by:

- 1) Mounting the R-27 relay on a more stable base such as on the foot on the condenser.
- 2) Repiping the R-27 so that it is the supply air line to the pilot positioner rather than in the signal air line from the thermostat. See the sketch on the reverse side. Engineering plans to make this change soon.

If pneumatic control problems are experienced due to the motor overload control it is suggested that these changes be made.

Regards.



HAL/lue

FILE INSTRUCTIONS - CONTROLS & WIRING