KELMAR Systems Inc., 284 Broadway, Huntington Station, NY 11746 • 631.421.1230 • FAX 631.421.1274

Turret Control Module Instructions

Termination Schedule:

Terminal #1 Flat Command Switch
#2 Command Switch Common
#3 Scope Command Switch
#4 N/C
#5 Masking Common
#6 Masking Scope
#7 Masking Common
#8 Masking Flat
#9 Aperture Motor (+) Red
#10 " " (-) Black
#11 Turret Motor (+) Red
#12 " " (-) Black
#13 N/C
#14 120 Vac Line In
#15 N/C
#16 120 Vac Neutral
#17 N/C
#18 Chassis Ground

Potentiometer Schedule:

R1 Flat Command Time Duration
R26 Scope Command Time Duration
R18 Aperture Motor Current Limiter Adjust
R19 Aperture Motor Voltage Adjust

Adjustments

Before beginning turn all pots to the full CCW off position. All adjustments are to be done with both FLAT and SCOPE lens installed in the Turret Assembly.

#1 R1 Flat Command Time Duration:

Cycle the Turret to the Scope position, turn Pot R1 1/4 rotation. Now cycle the Turret to the Flat position, after the Turret completes its rotation the motor should overtravel for about 1/4 of a second to assure proper indexing. If insufficient travel occurs adjust R1 accordingly CW for longer time duration, CCW for shorter time duration.

#2 R26 Scope Command Time Duration:
This adjustment is achieved the same as the Flat except that R26 is the adjusting potentiometer.

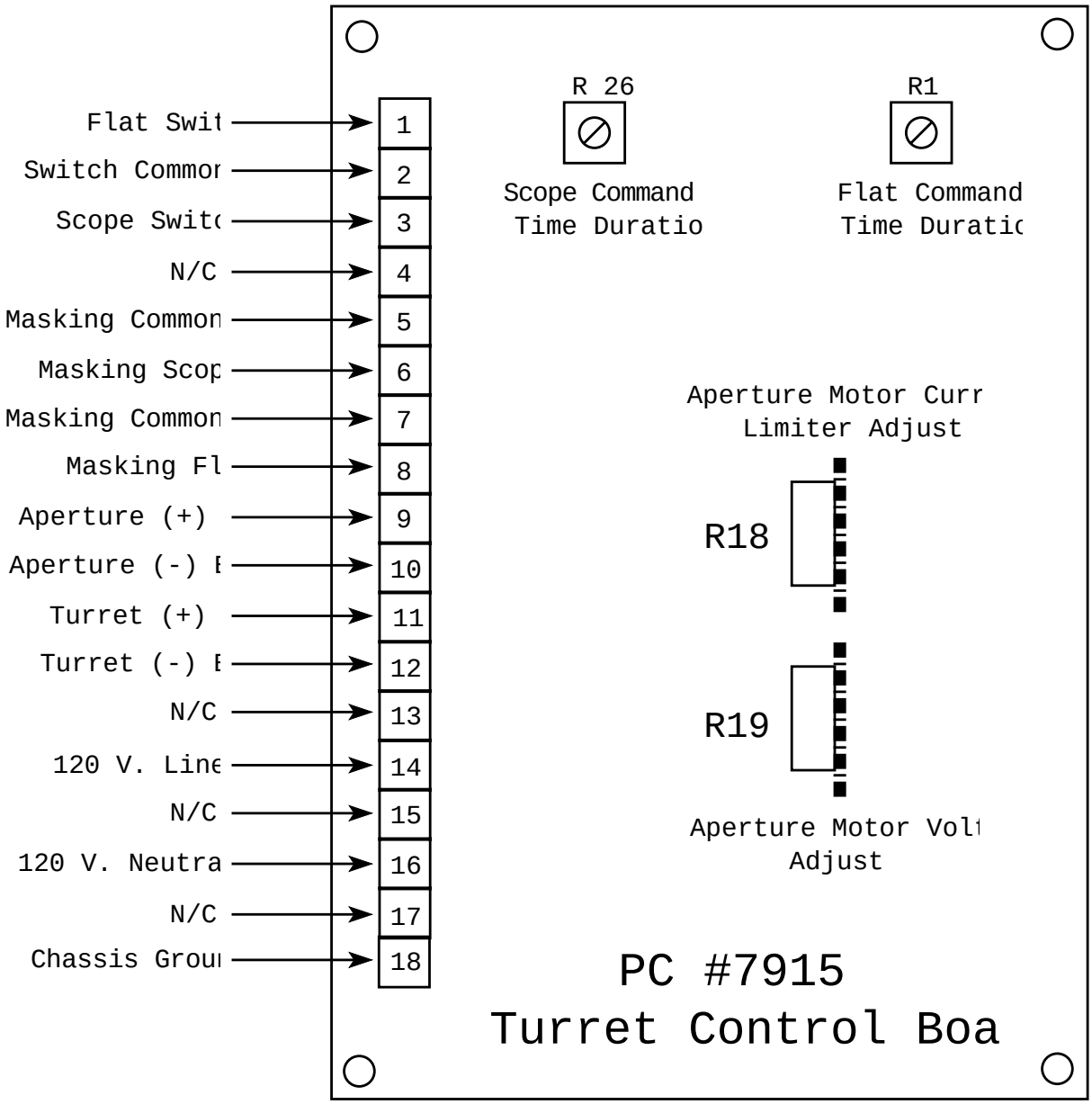
After Lens travel has been set proceed to the next two adjustments.

#3 R19 Aperture Motor Voltages:
Adjust this Pot so that the Aperture Plate meets its stop the same time that the lens meets its stop.

#4 R18 Aperture Motor Current Limiter:
Adjust this Pot so that when the Aperture Plate meets its stop the motor will rest as the turret is still overtraveling.

If further assistance is required contact:

Kelmar Systems Inc.
284 Broadway
Huntington Station, N.Y. 11746
Phone (631) 692-6131
Fax (631)421-1274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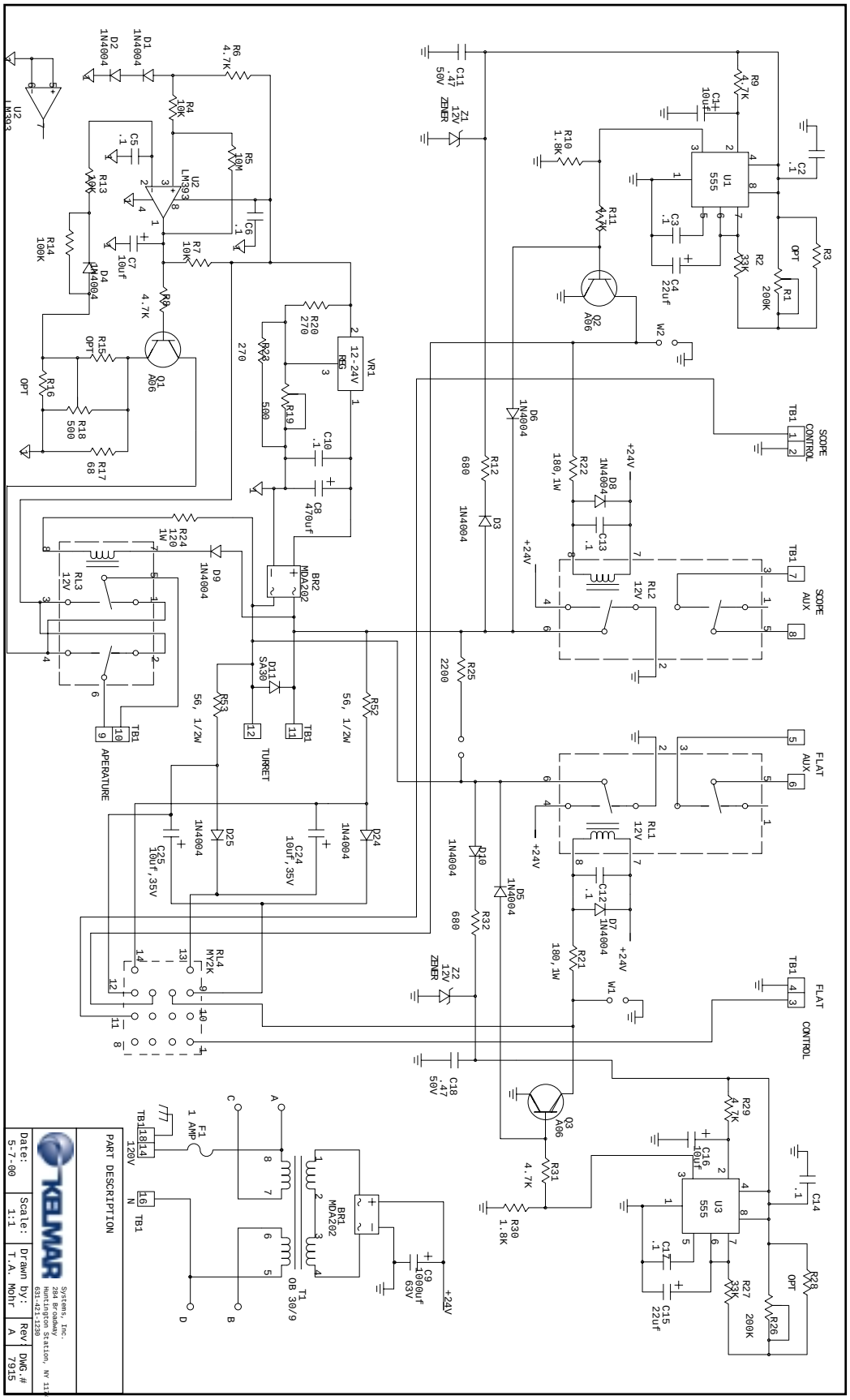
SCOPE CONTROL
SCOPE AUX
FLAT AUX
FLAT CONTROL
APERATURE
TURRET
PART DESCRIPTION
KELMAR Systems, Inc.
284 Broadway
Huntington Station, NY 11
631-421-1200
Date: 5-7-00
Scale: 1:1
Drawn by: T.A. Mohr
Rev A
DWG. # 7915