



## Technical Data Sheet

B-00286-1	28V PARALLEL VOLTAGE REGULATOR
Duty Voltage Factory Set To Voltage Adjust Range Load Current No Battery Operation Weight Dimensions	Continuous 28.0V 26.0V – 30.0V 4.5A Max. 0.5V Max. Rise, No Load with Battery to No Load without Battery 0.8lb. Max. 25/8"L x 55/8"W x 33/4"H
PINOUT	FUNCTION
BUS FLD GND PAR	28V Supply Field Output Ground Parallel Connection
OPERATION NOTES	DESCRIPTION
Note 1:  Note 2:  Note 3:  Note 4:  Note 5:  Note 6:	Mount base on metallic airframe member for best heat conduction.  Provide 2 inches of air circulation space all around regulator.  This unit becomes hot in normal operation. Install where casual crew or passenger contact is not possible.  See service manual for adjustment procedure.  Will maintain alternator field voltages within 0.5V of equal when alternators are loaded 25% or more of full load. Output voltage is determined by regulator set to the higher voltage.  Regulator systems, left and right, are independent of each other except for the parallel connection. Parallel connection will not cause a failure of one system to disable the good system.
PART NUMBER	AIRCRAFT ELIGIBILITY
<b>B-00286-1</b> 550-390 B-00296-1 B-00296-2 B-00296-3 B-00301-1 B-00307-1 B-00343-1	<b>Piper</b> PA-23, PA-23-160, PA-23-235, PA-23-250, PA-23-250 (Navy UO-1), PA-E23-250, PA-30, PA-39, PA-40, PA-31, PA-31-300, PA-31-325, PA-31-350, PA-31P, PA-31P-350, PA-31T, PA-31T1, PA-31T2, PA-31T3, PA-34-200, PA-34-200T, PA-34-220T, PA-44-180, PA-44-180T, <b>Cessna</b> 310, 310A(USAF U-3A), 310B, 310C, 310D, 310E(USAF U-3B), 310F, 310G, 310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R, 401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425, <b>Twin Commander</b> 500, 500-A, 500-B, 500-S, 500-U, 520, 560, 560-A, 560-E, 560F, 680, 680E, 680F, 680FL, 680FL(P), 680T, 680V, 680W, 681, 685, 690, 690A, 690B, 690C, 690D, 695, 695A, 695B, 700, 720, <b>SIAI Marchetti</b> S.210, <b>Aermacchi S.p.A.(SIAI)</b> S.205-18/F, S.205- 18/R, S.205-20/F, S.205-20/R, S.205-22/R, S.208, S.208A, F.260, F.260B, F.260C, F.260D, F.260E, F.260F, <b>Vulcan Air S.p.A.(Agusta)</b> SF600, SF600A, <b>(Partenavia)</b> P 68, P 68B, P 68C, P 68C-TC, P 68 "Observer", AP68TP300 "Spartacus", P68TC "Observer", AP68TP 600 "Viator", P68 "Observer 2"

**NOTE:** Installer must cross-check eligibility with applicable technical data.

Data Sheet B-00286-1.A