

Chapter Twelve

answer is that the aircraft is climbing faster than the controller and it is at the maximum differential; however, it also could be a controller malfunction.

If the cabin altitude exceeds what you have selected, one of several problems may exist. There may be a loss of pressurizing airflow for some reason. The aircraft altitude may have exceeded the positive differential pressure value. There may be an internal malfunction of the controller, the outflow valve, or safety valve. Or you may have something as simple as a leak in the tubing. In any event, your only choices would be either to adjust to a higher cabin selection, if possible, or to reduce the aircraft altitude. Other problems that may arise are usually beyond the pilot's ability to correct in flight.