

TBL 4-6-2

**Contingency Actions: Weather Encounters and Aircraft System Failures that Occur After Entry into RVSM Airspace**

<b>Initial Pilot Actions in Contingency Situations</b>	
<p>Initial pilot actions when unable to maintain flight level (FL) or unsure of aircraft altitude—keeping capability:</p> <ul style="list-style-type: none"> <li>•Notify ATC and request assistance as detailed below.</li> <li>•Maintain cleared flight level, to the extent possible, while evaluating the situation.</li> <li>•Watch for conflicting traffic both visually and by reference to TCAS, if equipped.</li> <li>•Alert nearby aircraft by illuminating exterior lights (commensurate with aircraft limitations).</li> </ul>	
<b>Severe Turbulence and/or Mountain Wave Activity (MWA) Induced Altitude Deviations of Approximately 200 feet</b>	
<p><b>Pilot will:</b></p> <ul style="list-style-type: none"> <li>•When experiencing severe turbulence and/or MWA induced altitude deviations of approximately 200 feet or greater, pilot will contact ATC and state “Unable RVSM Due (state reason)” (e.g., turbulence, mountain wave)</li> <li>•If not issued by the controller, request vector clear of traffic at adjacent FLs</li> <li>•If desired, request FL change or re-route</li> <li>•Report location and magnitude of turbulence or MWA to ATC</li> </ul> <p>See paragraph 4-6-6, Guidance on Severe Turbulence and Mountain Wave Activity (MWA) for detailed guidance.</p>	<p><b>Controller will:</b></p> <ul style="list-style-type: none"> <li>•Vector aircraft to avoid merging target with traffic at adjacent flight levels, traffic permitting</li> <li>•Advise pilot of conflicting traffic</li> <li>•Issue FL change or re-route, traffic permitting</li> <li>•Issue PIREP to other aircraft</li> </ul> <p>Paragraph 4-6-6 explains “traffic permitting.”</p>
<b>Mountain Wave Activity (MWA) Encounters – General</b>	
<p><b>Pilot actions:</b></p> <ul style="list-style-type: none"> <li>•Contact ATC and report experiencing MWA</li> <li>•If so desired, pilot may request a FL change or re-route</li> <li>•Report location and magnitude of MWA to ATC</li> </ul> <p>See paragraph 4-6-6 for guidance on MWA.</p>	<p><b>Controller actions:</b></p> <ul style="list-style-type: none"> <li>•Advise pilot of conflicting traffic at adjacent FL</li> <li>•If pilot requests, vector aircraft to avoid merging target with traffic at adjacent RVSM flight levels, traffic permitting</li> <li>•Issue FL change or re-route, traffic permitting</li> <li>•Issue PIREP to other aircraft</li> </ul> <p>Paragraph 4-6-6 explains “traffic permitting.”</p>
<p><b>NOTE—</b>  <i>MWA encounters do not necessarily result in altitude deviations on the order of 200 feet. The guidance below is intended to address less significant MWA encounters.</i></p>	