



# General Radiotelephone Operator License (GROL/PG) Fact Sheet

<b>Certifying Organization</b>	Federal Communications Commission				
<b>Description of Credentials</b>	<p>General Radiotelephone Operators License-GROL/ PG is required to adjust, maintain, or internally repair FCC licensed radiotelephone transmitters in the aviation, maritime, and international fixed public radio services. It conveys all the operating authority of the MP. It is also required to operate the following:</p> <ul style="list-style-type: none"> <li>▪ any compulsorily equipped ship radiotelephone station operating with more than 1500 watts of peak envelope power.</li> <li>▪ voluntarily equipped ship and aeronautical (including aircraft) stations with more than 1000 watts of peak envelope power.</li> </ul>				
<b>Entry-Level Annual Salaries</b>	\$36-\$40K				
<b>Industry-Based Certification Requirements: Students</b>					
<b>Standard / Curriculum</b>	The FCC does not certify schools or review study materials, and the FCC does not recommend any particular school or publication.				
<b>Testing Methodology</b> <i>(consists of two tests)</i>	<b>Paper?</b>	X	<b>Online – Cognitive portion</b>		<b>Performance Exams / Tests? Psychomotor portion</b>
<b>Re-Testing (if available)</b>	<b>Re-Testing Procedures</b>	No information found		<b>Max Attempts</b>	
<b>Testing Details (including any age requirements / accommodations)</b>	<p>To qualify for the GROL:</p> <ul style="list-style-type: none"> <li>• Be a legal resident of (or otherwise eligible for employment in) the United States.</li> <li>• Be able to receive and transmit spoken messages in English.</li> <li>• Pass written exam Elements 1 and 3.</li> </ul> <p>Element 1 – Marine Radio Operator Permit (MROP) Basic radio law and operating practice, Rules &amp; Regulations, Communications Procedures, Equipment Operations, Other Equipment</p> <p>Element 3 – General Radiotelephone Operator License (GROL) Electronic fundamentals and techniques required to adjust, repair and maintain radio transmitters and receivers. Principles, Electrical math, Components, Circuits, Digital logic, Receivers, Transmitters, Modulation, Power Sources, Antennas, Aircraft, Installation, Maintenance and Repair, Communications</p>				



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	Technology, Marine, Radar, Satellite, Safety. Use of reference materials in commercial operator license examinations is not permitted. Do not bring any books, papers, notes, study guides, or other unauthorized aids or devices to an examination.		
<b>Industry-Based Certification Requirements: Teachers</b>			
<b>Instructor Certification Requirements (by certifying agency)</b>	No information found		
<b>Proctoring / Test Security (if any)</b>	Use an FCC authorized Commercial Operator License Examination Managers (COLEMs) Administration Station (Required): <ul style="list-style-type: none"> <li>•Identification and processing of applicants</li> <li>•Applicant surveillance</li> <li>•Printing</li> <li>•Software demonstration and tutorial</li> <li>•Phone support</li> </ul> Testing room door must be lockable, testing materials must be in a lockable file cabinet or desk drawer. Testing records must be in a lockable file cabinet with 61 months hanging file folders (current month plus 5 years).		
<b>Certification Tracking</b>			
<b>Credentialing Documentation</b>	<a href="https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/examinations#block-menu-block-4">https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/examinations#block-menu-block-4</a>		
<b>Certification Tracking System</b>	<b>Online Tracking System?</b>	Online application submission available	<b>Details</b>
<b>Other Details</b>	Obtaining a license: <a href="https://www.fcc.gov/obtaining-license#block-menu-block-4">https://www.fcc.gov/obtaining-license#block-menu-block-4</a>		<b>Expiration ? Timeline?</b> A PG is issued for the holder's lifetime.(GROL)
<b>Certification Costs / Funding Sources</b>			
<b>Cost Details</b>	Testing fees vary by COLEM		
<b>Re-test / Refund Policies</b>	No information found/may vary by COLEM		
<b>For More Information</b>			



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<b>Certifying Agency Contact Info</b>	<p>The FCC does not administer commercial operator license examinations. To obtain a new or upgraded FCC commercial operator license, you must pass an examination administered by a Commercial Operator License Examination Managers COLEM. The COLEMs listed below are authorized by the FCC to administer examinations nationwide and, in some instances, at foreign sites. Contact a COLEM to obtain current location and schedule information. Upon passing the examination(s), the COLEM will issue you one or more Proof of Passing Certificates (PPCs) that you must include with your license application (unless the application is filed electronically by the COLEM).</p> <p><a href="https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/commercial">https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/commercial</a></p>
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