

### III. Airport and Seaplane Base Operations

<b>Task</b>	<b>A. Communications, Light Signals, and Runway Lighting Systems</b>
<b>References</b>	14 CFR part 91; FAA-H-8083-2, FAA-H-8083-25; AIM
<b>Objective</b>	To determine that the applicant exhibits satisfactory knowledge, risk management, and skills associated with normal and emergency radio communications, ATC light signals, and runway lighting systems to conduct safe airport operations.
<b>Knowledge</b>	The applicant demonstrates understanding of:
<i>PA.III.A.K1</i>	How to obtain proper radio frequencies.
<i>PA.III.A.K2</i>	Proper radio communication procedures and ATC phraseology.
<i>PA.III.A.K3</i>	ATC light signal recognition.
<i>PA.III.A.K4</i>	Appropriate use of transponders.
<i>PA.III.A.K5</i>	Lost communication procedures.
<i>PA.III.A.K6</i>	Equipment issues that could cause loss of communication.
<i>PA.III.A.K7</i>	Radar assistance.
<i>PA.III.A.K8</i>	National Transportation Safety Board (NTSB) accident/incident reporting.
<i>PA.III.A.K9</i>	Runway Status Lighting Systems.
<b>Risk Management</b>	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.III.A.R1</i>	Poor communication.
<i>PA.III.A.R2</i>	Failure to recognize and declare an emergency.
<i>PA.III.A.R3</i>	Confirmation or expectation bias.
<b>Skills</b>	The applicant demonstrates the ability to:
<i>PA.III.A.S1</i>	Select appropriate frequencies.
<i>PA.III.A.S2</i>	Transmit using phraseology and procedures as specified in the AIM.
<i>PA.III.A.S3</i>	Acknowledge radio communications and comply with instructions.