

III. Airport and Seaplane Base Operations

Task	A. Communications, Light Signals, and Runway Lighting Systems
References	14 CFR part 91; FAA-H-8083-2, FAA-H-8083-25; AIM
Objective	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.
Knowledge	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.
Risk Management	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.
Skills	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.