

### III. Airport and Seaplane Base Operations

<b>Task</b>	<b><i>Task A. Communications and Light Gun Signals</i></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 and ATC light gun signals to conduct radio communications safely while operating the aircraft.
<b>Knowledge</b>	The applicant demonstrates understanding of:
<i>PA.III.A.K1</i>	1. How to obtain proper radio frequencies.
<i>PA.III.A.K2</i>	2. Communication procedures and ATC phraseology.
<i>PA.III.A.K3</i>	3. ATC light gun signal recognition.
<i>PA.III.A.K4</i>	4. Transponders.
<i>PA.III.A.K5</i>	5. Radar assistance.
<i>PA.III.A.K6</i>	6. Lost communication procedures.
<i>PA.III.A.K7</i>	7. Use of automated weather and airport information.
<b>Risk Management</b>	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.III.A.R1</i>	1. Human factors associated with communication.
<i>PA.III.A.R2</i>	2. Human factors associated with declaring an emergency.
<i>PA.III.A.R3</i>	3. Equipment issues that could cause loss of communication.
<i>PA.III.A.R4</i>	4. Improper automation management.
<i>PA.III.A.R5</i>	5. Single-pilot resource management (SRM) and/or crew resource management (CRM).
<b>Skills</b>	The applicant demonstrates the ability to:
<i>PA.III.A.S1</i>	1. Select appropriate frequencies.
<i>PA.III.A.S2</i>	2. Transmit using phraseology and procedures as specified in the AIM.
<i>PA.III.A.S3</i>	3. Acknowledge radio communications and comply with instructions.

### III. Airport and Seaplane Base Operations

<b>Task</b>	<b><i>Task B. Traffic Patterns</i></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 traffic patterns.
<b>Knowledge</b>	The applicant demonstrates understanding of:
<i>PA.III.B.K1</i>	1. Towered and non-towered airport operations and runway selection.
<i>PA.III.B.K2</i>	2. Airport signs and markings, lighting, and wind indicators.
<i>PA.III.B.K3</i>	3. Collision avoidance, scanning, obstacle and wire strike avoidance.
<i>PA.III.B.K4</i>	4. Right-of-way rules.
<i>PA.III.B.K5</i>	5. Wake turbulence recognition and resolution.
<i>PA.III.B.K6</i>	6. Wind shear avoidance.
<i>PA.III.B.K7</i>	7. Runway incursion avoidance.
<i>PA.III.B.K8</i>	8. Use of automated weather and airport information.
<i>PA.III.B.K9</i>	9. Use of radio for proper communications.
<i>PA.III.B.K10</i>	10. Parachuting operations.
<i>PA.III.B.K11</i>	11. Approach and landing considerations for different types of aircraft.
<b>Risk Management</b>	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.III.B.R1</i>	1. Collision avoidance, scanning, obstacle and wire strike avoidance.
<i>PA.III.B.R2</i>	2. Wake turbulence.
<i>PA.III.B.R3</i>	3. Failure to maintain situational awareness.
<i>PA.III.B.R4</i>	4. Failure to maintain separation from other aircraft.
<i>PA.III.B.R5</i>	5. Operating considerations of various aircraft types.
<i>PA.III.B.R6</i>	6. Go-around or rejected takeoff, if appropriate.
<b>Skills</b>	The applicant demonstrates the ability to:
<i>PA.III.B.S1</i>	1. Properly identify and interpret airport/seaplane base runways, taxiways, markings, and lighting.
<i>PA.III.B.S2</i>	2. Comply with proper traffic pattern procedures.
<i>PA.III.B.S3</i>	3. Maintain proper spacing from other aircraft.
<i>PA.III.B.S4</i>	4. Correct for wind drift to maintain the proper ground track.
<i>PA.III.B.S5</i>	5. Maintain orientation with the runway/landing area in use.
<i>PA.III.B.S6</i>	6. Maintain traffic pattern altitude, $\pm 100$ feet, and the appropriate airspeed, $\pm 10$ knots.
<i>PA.III.B.S7</i>	7. Maintain an awareness of the position of other aircraft in the pattern.