

ATCT LIGHT GUN SIGNALS

AIRCRAFT ON THE GROUND

AIRCRAFT IN FLIGHT

CLEARED FOR TAKEOFF



STEADY GREEN

CLEARED FOR LANDING

CLEARED TO TAXI



FLASHING GREEN

RETURN FOR LANDING - TO BE FOLLOWED BY STEADY GREEN AT THE PROPER TIME

STOP



STEADY RED

GIVE WAY TO OTHER AIRCRAFT AND CONTINUE CIRCLING

TAXI CLEAR OF THE RUNWAY IN USE



FLASHING RED

AIRPORT UNSAFE, DO NOT LAND

RETURN TO STARTING POINT ON AIRPORT



FLASHING WHITE

NOT APPLICABLE

EXERCISE EXTREME CAUTION



ALTERNATING GREEN/RED

EXERCISE EXTREME CAUTION

ELEVATED GUARD LIGHTS
HOLD SHORT



IN-PAVEMENT GUARD LIGHTS
HOLD SHORT

PILOT PROCEDURES DURING TAXI OPERATIONS

STOP! READ BEFORE TAXI

CONDUCT PRE-TAXI PLANNING

- Study airport diagram BEFORE taxi
- Identify complex intersections and hot spots
- Plan timing of checklists
- Listen to and copy ATIS

WRITE DOWN TAXI OPERATIONS

Write down complex taxi instructions to reduce pilot's vulnerability to forgetting or making a mistake

MAINTAIN SITUATIONAL AWARENESS

- Know where you are and where you are going
- Monitor ATC instructions to other aircraft
- Look TWICE before crossing intersecting taxiways or runways
- Be vigilant if given "line up and wait" clearance
- Use extra caution at night or during reduced visibility
- Be extremely cautious when using a runway as a taxiway
- "Heads UP" exiting the runway if exit intersects another runway

REMEMBER WHO IS PILOT IN COMMAND!

COORDINATE COMMUNICATIONS

- On taxi instructions for takeoff
- On landing and hold short clearance
- On ATC instructions to parking
- On identifying runway intersections
- Before crossing hold short lines
- Identifying the correct departure runway and course
- On performing "Heads DOWN" tasks

MAINTAIN THE COMMUNICATION LOOP

- Maintain a "sterile cockpit"
- Use standard ATC phraseology
- Focus on what ATC is instructing
- Read-back all hold short and crossing ATC instructions
- Always clarify any and ALL misunderstanding or confusion concerning ATC instructions or clearances



RUNWAY
SAFETY