

CFI Lesson Plan for Honolulu Airport Runway Safety

OBJECTIVE

The GA students will learn the challenges faced when taxiing and operating at Honolulu International Airport and how to avoid runway incursion errors.

STANDARDS

The student will exhibit satisfactory knowledge of common airport markings for taxi and runway operations at Honolulu International Airport and be able to successfully demonstrate to the instructor effective taxiing operations from the aircraft parking area to the

active runway for takeoff and from the runway after landing to the aircraft parking spot.

MATERIAL

Approved Honolulu Airport diagram, FAA runway/taxiway markings diagram and the short FAA video reviewing Honolulu Airport operations near runways 4/22 L&R and south ramp.

OUTLINE

This should be scenario-based training or one-on-one training, depending upon student experience.

- Review taxiway markings with special attention for “hold short lines,” runway and taxiway signage and enhanced taxiway markings
 - *Emphasize “hold short line” locations at HNL between runways 4R and 4L (22L and 22R)*
- Review a typical taxi instruction from both T Hangar area and from flight schools/businesses located on Honolulu International Airport south ramp to the active runway
 - *Review a taxi scenario from the GA students normal parking area to the active runway (use both trade and Kona wind operations)*

- Help student develop a short-hand method to copy taxi clearances and to review airport diagram for route review
 - *Ensure student listens to ATIS for any runway/taxiway closures or work*
- Ensure students perform ALL checklist items when NOT moving
 - *Develop procedures of “eyes outside” when taxiing and what and when increased vigilance is required*
- Remind students if uncertain to stop and ask (progressive taxi instruction)
- Review HNL runway 4 and 22 landing patterns
 - *Have students develop a memory aid for landing runway assignment*
 - *Review what students should do after landing on runway 4L (or 22R)—again hold short lines. It is OKAY to block runway 4L (or 22R) if not cleared to cross parallel runway (ATC aware)*
 - *Review what students should do after landing on runway 4R (or 22L)—again hold short lines but okay to cross to clear active but NOT to enter taxiway C.*
- Play the FAA video reviewing Honolulu International Airport runway 4/22 operations and discuss the video

REVIEW

Have student demonstrate knowledge of common airport markings for taxi and runway operations at Honolulu International Airport. Have the student demonstrate by actual operation of an aircraft or by verbalizing procedures in the classroom by using the airport diagram for taxiing from various parking spots to the active runway and return operations after landing.

Supplied by GACH