

PILOTS GUIDE TO AIRPORT SIGNS AND MARKINGS

AIRPORT SIGNS

B 4-22

Taxiway/Runway Holding
Position: Hold short of intersecting runway

26-8

Runway/Runway Holding
Position: Hold short of intersecting runway

8-APCH

Runway Approach Holding
Position: Hold short when instructed to by ATC

ILS

ILS Critical Area Holding
Position: Hold short when instructed to by ATC



No Entry: Identifies paved areas where aircraft entry is prohibited

B

Taxiway Location: Identifies taxiway on which aircraft is located

22

Runway Location: Identifies runway on which aircraft is located

4

Runway Distance Remaining: Identifies runway length remaining



Runway Boundary: Exit boundary from runway protected area



ILS Critical Area Boundary: When exiting runway, sign shows exit boundary of ILS critical area



Runway Exit: Defines direction and designation of exit taxiway from runway



Taxiway Direction: Defines direction and designation of intersecting taxiway(s)

22↑

Outbound Destination: Defines direction to take-off runway(s)



Inbound Destination: Indicates direction of destination ie. terminal



Taxiway Ending Marker: Indicates taxiway does not continue beyond this point



Direction Sign Array: Identifies location in conjunction with multiple intersecting taxiways

Line Up and Wait has replaced "Taxi Into Position and Hold." The language permits entry onto the runway to await further instructions, but is not a take-off clearance.

If ever in doubt about a clearance or taxi instruction, do not hesitate to **ASK FOR HELP!**

ATCT LIGHT GUN SIGNALS

Steady Green:

Cleared for takeoff

Flashing Green:

Cleared to taxi

Steady Red:

Stop

Flashing Red:

Taxi clear of the runway in use

Flashing White:

Return to starting point on airport

Alternating Green/Red:

Exercise extreme caution

PILOTS GUIDE TO AIRPORT SIGNS AND MARKINGS

AIRPORT MARKINGS



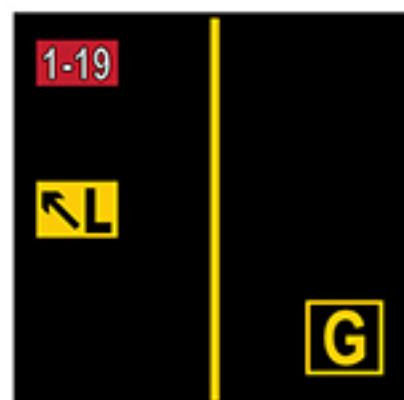
Runway Holding Position: Hold short of intersecting runway; also a land and hold short marking



Holding Position With Enhanced Taxiway Centerline: Alerts of an approaching runway



ILS Critical Area Holding Position: Hold short when instructed by ATC



Surface Painted Holding Position Sign: Designates runway ahead in conjunction with yellow holding position making
Surface Painted Taxiway Direction: Direction and designation of intersecting taxiway
Surface Painted Taxiway Location: Identifies taxiway on which aircraft is located



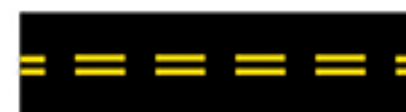
Non-Movement Area Boundary: Don't cross solid line into movement area without prior ATC authorization



Taxiway/Taxiway Holding Position: Hold short of intersecting taxiway when directed to by ATC

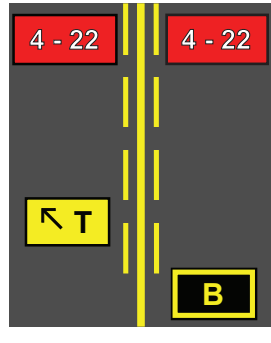


Solid Taxiway Edge: Defines edge of usable full strength taxiway pavement - adjoining pavement not usable



Dashed Taxiway Edge: Defines edge of taxiway where adjoining pavement is available for aircraft use

AIRPORT SIGN AND MARKING – QUICK REFERENCE GUIDE

EXAMPLE	TYPE OF SIGN	PURPOSE	LOCATION/CONVENTION
	Mandatory: Hold position for taxiway/runway intersection.	Denotes entrance to runway from a taxiway.	Located <u>L side</u> of taxiway within 10 feet of hold position markings.
	Mandatory: Holding position for runway/runway intersection.	Denotes intersecting runway.	Located <u>L side</u> of rwy prior to intersection, & <u>R side</u> if rwy more than 150' wide, used as taxiway, or has "land & hold short" ops.
	Mandatory: Holding position for runway approach area.	Denotes area to be protected for aircraft approaching or departing a runway.	Located on taxiways crossing thru runway approach areas where an aircraft would enter an RSA or apch/ departure airspace.
	Mandatory: Holding position for ILS critical area/precision obstacle free zone.	Denotes entrance to area to be protected for an ILS signal or approach airspace.	Located on twys where the twys enter the NAVAID critical area or where aircraft on taxiway would violate ILS apch airspace (including POFZ).
	Mandatory: No entry.	Denotes aircraft entry is prohibited.	Located on paved areas that <u>aircraft</u> should not enter.
	Taxiway Location.	Identifies taxiway on which the aircraft is located.	Located along taxiway by itself, as part of an array of taxiway direction signs, or combined with a runway/taxiway hold sign.
	Runway Location.	Identifies the runway on which the aircraft is located.	Normally located where the <u>proximity of two rwys</u> to one another could cause confusion.
	Runway Safety Area / OFZ and Runway Approach Area Boundary.	Identifies exit boundary for an RSA / OFZ or rwy approach.	Located on taxiways on <u>back side</u> of certain runway/taxiway holding position signs or runway approach area signs.
	ILS Critical Area/POFZ Boundary.	Identifies ILS critical area exit boundary.	Located on taxiways on <u>back side</u> of ILS critical area signs.
	Direction: Taxiway.	Defines designation/direction of intersecting taxiway(s).	Located on <u>L side, prior to intersection</u> , with an array L to R in clockwise manner.
	Runway Exit.	Defines designation/direction of exit taxiways from the rwy.	Located on same side of runway as exit, prior to exit.
	Outbound Destination.	Defines directions to take-off runway(s).	Located on taxi routes to runway(s). <u>Never</u> collocated or combined with other signs.
	Inbound Destination.	Defines directions to airport destinations for arriving aircraft.	Located on taxi routes to airport destinations. <u>Never</u> collocated or combined with other types of signs.
	Information.	Provides procedural or other specialized information.	Located along taxi routes or aircraft parking/staging areas. May not be lighted.
	Taxiway Ending Marker.	Indicates taxiway does not continue beyond intersection.	Installed at taxiway end or far side of intersection, if visual cues are inadequate.
	Distance Remaining.	Distance remaining info for take-off/landing.	Located along the sides of runways at 1000' increments.
EXAMPLE	TYPE OF MARKING	PURPOSE	LOCATION/CONVENTION
	Holding Position.	Denotes entrance to runway from a taxiway.	Located across centerline within 10 feet of hold sign on taxiways and on certain runways.
	ILS Critical Area/POFZ Boundary.	Denotes entrance to area to be protected for an ILS signal or approach airspace.	Located on twys where the twys enter the NAVAID critical area or where aircraft on taxiway would violate ILS apch airspace (including POFZ).
	Taxiway/Taxiway Holding Position.	Denotes location on taxiway or apron where aircraft hold short of another taxiway.	Used at ATCT airports where needed to hold traffic at a twy/twy intersection. Installed provides wing clearance.
	Non-Movement Area Boundary.	Delineates movement area under control of ATCT, from non-movement area.	Located on boundary between movement and non-movement area. Located to ensure wing clearance for taxiing aircraft.
 Taxiway Edge.		Defines edge of usable, full strength taxiway.	Located along twy edge where contiguous shoulder or other paved surface NOT intended for use by aircraft.
 Dashed Taxiway Edge.		Defines taxiway edge where adjoining pavement is usable.	Located along twy edge where contiguous paved surface or apron is intended for use by aircraft.
	Surface Painted Holding Position.	Denotes entrance to runway from a taxiway.	Supplements elevated holding position signs. Required where hold line exceeds 200'. Also useful at complex intersections.
	Enhanced Taxiway Centerline.	Provides visual cue to help identify location of hold position.	Taxiway centerlines are enhanced 150' prior to a runway holding position marking.
	Surface Painted Taxiway Direction.	Defines designation/direction of intersecting taxiway(s).	Located L side for turns to left. R side for turns to right. Installed prior to intersection.
	Surface Painted Taxiway Location.	Identifies taxiway on which the aircraft is located.	Located R side. Can be installed on L side if combined with surface painted hold sign.

Ref. AC 150/5340-1J *Standards for Airport Markings*, and AC 150/5340-18D *Standards for Airport Signs Systems*



Federal Aviation
Administration



Pilot's Guide to Airport Signs and Markings

Airport Signs

B 4-22

TWY/RWY HOLDING POSITION: Hold short of intersecting runway

25-7

RWY/RWY HOLD POSITION: Hold short of intersecting runway

8-APCH

RWY APCH HOLD POSITION: Hold short of protected area when instructed by ATC

ILS

ILS HOLD POSITION: Hold short of ILS critical area when instructed by ATC



NO ENTRY: Identifies paved areas where aircraft entry is prohibited

B

TAXIWAY LOCATION: Identifies taxiway on which aircraft is located

22

RUNWAY LOCATION: Identifies runway on which aircraft is located

4

RUNWAY DISTANCE REMAINING: Identifies runway length remaining



RUNWAY BOUNDARY: Exit boundary from rwy protected area



ILS CRITICAL AREA BOUNDARY: Exit boundary of ILS critical area



RUNWAY EXIT: Defines direction & designation of exit twy from rwy



TWY DIRECTION: Defines direction & designation of intersecting taxiway(s)

22↑

OUTBOUND DESTINATION: Defines direction to take-off runway



INBOUND DESTINATION: Indicates direction of destination, i.e. terminal or military area



TAXIWAY ENDING MARKER: Indicates that twy does not continue beyond this point



DIRECTION SIGN ARRAY: Identifies location in conjunction with multiple intersecting taxiways

Line Up and Wait
has replaced
"Taxi Into Position and Hold".

The new language permits entry onto the runway to await further instructions, but is not a take-off clearance.

If ever in doubt about a clearance or taxi instruction, do not hesitate to
ASK FOR HELP!

ATCT Light Gun Signals

Color and Type of Signal

Aircraft on the Ground

STEADY GREEN



Cleared for Takeoff

FLASHING GREEN



Cleared to Taxi

STEADY RED



STOP

FLASHING RED



Taxi Clear of the Runway in Use

FLASHING WHITE



Return to Starting Point on Airport

ALTERNATING RED/GREEN



Exercise Extreme Caution

Elevated
Guard Lights
Hold Short



In-Pavement
Guard Lights
Hold Short



Pilot's Guide to Airport Signs and Markings

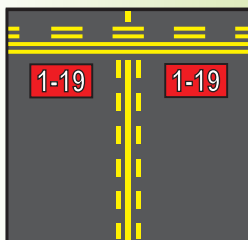
Airport Markings



HOLDING POSITION:
Hold short of intersecting rwy;
also a land-and-hold-short marking



MOVEMENT AREA BOUNDARY:
Defines boundary of movement
area and non-movement area



**HOLDING POSITION WITH
ENHANCED TAXIWAY
CENTERLINE:** Alerts of an
approaching runway



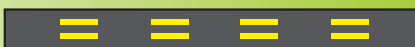
**TAXIWAY/TAXIWAY HOLDING
POSITION:** Hold short of intersecting
taxiway when directed by ATC



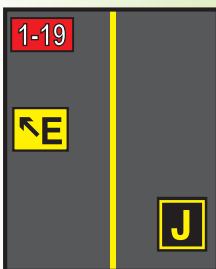
SOLID TAXIWAY EDGE: Defines edge
of usable, full-strength taxiway
pavement; adjoining pavement
NOT usable



ILS CRITICAL AREA: Hold short
when instructed by ATC



DASHED TAXIWAY EDGE: Defines
edge of taxiway where adjoining
pavement or apron IS available
for taxi



**SURFACE PAINTED HOLDING
POSITION:** Designates runway ahead in
conjunction with yellow holding position marking

**SURFACE PAINTED TAXIWAY
DIRECTION:** Direction &
designation of intersecting twy

**SURFACE PAINTED TAXIWAY
LOCATION:** Identifies twy
on which aircraft is located

www.faa.gov/go/runwaysafety

