HOT SPOTS

An "Airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
CONNECTICUT		
DANBURY		
DANBURY MUNI (DXR)	HS 1	Maint vigilance confusing twy configuration. Pilots unfamiliar should ask for progressives.
	HS 2	Area not visible from the twr.
	HS 3	Active ramp adjacent to twy.
	HS 4	Hold position marking on Twy C for Rwy 26 is further from the rwy than the std location. It will appear before you expect it.
GROTON (NEW LONDON)		
GROTON–NEW LONDON (GON)	HS 1	When ldg Rwy 15–33 and exit on Twy C, you immediately enter the parallel Twy B.
	HS 2	When ldg Rwy 15–33 and exit on Twy J, you immediately enter the parallel Twy B.
HARTFORD		
HARTFORD–BRAINARD (HFD)	HS 1	Helipad is in close proximity to the intersection of Twy A and Twy H.
WINDSOR LOCKS		
BRADLEY INTL (BDL)	HS 1	Twy C and Twy E complex intersection in close proximity to Rwy 01–19.
	HS 2	Acft on Twy S missing Twy C may enter Rwy 24.
	HS 3	Acft on Twy J missing Twy S may enter Rwy 33.
DELAWARE		
DOVER		
DOVER AFB (DOV)	HS 1	Intersecting of Rwy 01–19, Rwy 14–32 and Twy D btn the runways can create confusion. Query twr if lost or need help.
WILMINGTON		
NEW CASTLE (ILG)	HS 1	Twy F intersects Rwy 09–27 which is in close proximity to the thld of Rwy 14–32.
DISTRICT OF COLUMBIA		
WASHINGTON		
MANASSAS RGNL/HARRY P DAVIS FLD (HEF)	HS 1	Maint vigilance on Twy K crossing Rwy 16L–34R to flw markings leading towards Twy B3.
WASHINGTON		
RONALD REAGAN WASHINGTON NATIONAL (DCA)	HS 1	Twy N, Twy K, Twy L, and Twy J complex int in close proximity of the rwy.
	HS 2	Maint awareness of Hold Line posn for Rwy 19 fr the Hold Bay and while approaching Rwy 19 on Twy J.
MAINE		
PORTLAND		
PORTLAND INTL JETPORT (PWM)	HS 1	Afct taxiing southbound on Twy C must be alert to not miss the turn at Twy A and enter Rwy 11–29 wo authorization.
	HS 2	Acft taxiing northbound on Twy C must maint vigilance apch the Rwy 18 hold short marking which is lctd further S on Twy C than most pilots would anticipate.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MARYLAND		
EASTON		
EASTON/NEWNAM FLD (ESN)	HS 1	Acft taxiing southbound on Twy A to Rwy 33 inadvertently miss the turn onto Twy B and enter Rwy 33 without a clearance. Twy A and Twy B intersection in close proximity to the rwy.
FREDERICK		
FREDERICK MUNI (FDK)	HS 1	Eastbound tfc on Twy E and North and Southbound tfc on Twy A must remain alert for tfc exiting Rwy 05–23 at Twy E.
	HS 2	Northbound tfc on Twy A must remain alert as to not miss Twy B when taxiing to Rwy 30 and Southeast bound tfc on Twy B as not to miss Twy A when taxiing to Rwy 23.
	HS 3	Northbound tfc on Twy A need to be alert as not to miss Twy B and inadvertently taxi onto Rwy 30.
	HS 4	Southeast bound tfc on Twy B need to be alert as not to miss Twy A and inadvertently taxi onto Rwy 23.
HAGERSTOWN		
HAGERSTOWN RGNL–RICHARD A HENSON FLD (HGR)	HS 1	Maint vigilance congestion area and close proximity to rwys
MASSACHUSETTS		
BEDFORD		
LAURENCE G HANSCOM FLD (BED)	HS 1	Pilots become confused with the wide expanse of pavement and convergence of numerous twys.
BEVERLY		
BEVERLY RGNL (BVY)	HS 1	Prepare to hold short of Rwy 16–34 immediately after exiting the East Ramp.
	HS 2	Acft taxiing SE on Twy E fail to turn on Twy H and enter Rwy 27 without authorization.
BOSTON		
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)	HS 1	Maint vigilance when taxiing on Rwy 15L–33R approaching Rwy 04L–22R.
	HS 2	Taxiing on Twy N approaching Rwy 15R–33L.
	HS 3	Maint vigilance on Twy E and Twy K when approaching Rwy 04L–22R.
	HS 4	Maint vigilance on Twy C when approaching Rwy 09–27. Maint vigilance on Twy D when approaching Rwy 15R–33L.
LAWRENCE		
LAWRENCE MUNI (LWM)	HS 1	Maintain vigilance approaching Rwy 05–23 hold lines.
	HS 2	Maintain vigilance on Twy A; hold line to Rwy 14–32 appears quickly.
	HS 3	Maintain vigilance approaching Rwy 05–23 hold lines.
NANTUCKET		
NANTUCKET MEM (ACK)	HS 1	Maintain vigilance while taxiing. High tfc area.
	HS 2	Maintain vigilance while taxiing. High tfc area.
	HS 3	Maintain vigilance while taxiing. High tfc area.
WESTFIELD/SPRINGFIELD		
WESTFIELD–BARNES RGNL (BAF)	HS 1	Maint vigilance departing ramp. Twy A and Twy B complex int in close proximity to rwys.
	HS 2	Unusual lctn for rwy hold posn marking on Twy A for Rwy 15.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
NEW HAMPSHIRE		
LEBANON		
LEBANON MUNI (LEB)	HS 1	Rwy hold position marking for Rwy 25 on Twy B is further down the twy than most pilots would expect. When taxiing to Rwy 25 on Twy B the hold line will appear before you expect it.
	HS 2	North Ramp and Twy B between Twy B1 and Twy B2 area not visible from the twr.
	HS 3	Acft routinely back taxi on Rwy 18–36.
MANCHESTER		
MANCHESTER (MHT)	HS 1	Maint vigilance apch the rwy holding posn markings. Anticipate the Rwy 17 hold line upon cros Rwy 24 northbound on Twy H.
NEW JERSEY		
ATLANTIC CITY		
ATLANTIC CITY INTL (ACY)	HS 1	Maint vigilance crossing Rwy 13–31 on Twy A and Rwy 04–22 on Twy B due to close proximity.
CALDWELL		
ESSEX CO (CDW)	HS 1	Pilots taxiing to Rwy 28 northbound on Twy P should exercise caution at intersection of Twy P and Twy N due to close proximity to Rwy 28.
NEWARK		
NEWARK LIBERTY INTL (EWR)	HS 1	Acft taxig NB via Twy P turng WB onto Twy Z will immediately reach Rwy 04L–22R hold line.
	HS 2	Southbound tfc on Twy Z5 & Twy Z6 should not confuse Rwy 11–29 for Twy Z.
TETERBORO		
TETERBORO (TEB)	HS 1	Maintain vigilance on Twy L at Rwy 06–24. High tfc area.
	HS 2	Maintain vigilance on Twy G at Rwy 06–24. High tfc area.
WRIGHTSTOWN		
MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) (WRI)	HS 1	Acft southbound on Twy H may be required to hold short of Rwy 36 Apch Zone when Rwy 36 or Rwy 18 in use. Rwy 36 Apch Zone is prior to Rwy 36 Hold Short Line.
	HS 2	Acft southwest bound on Twy G may be required to hold short of Rwy 36 Apch Zone when Rwy 36 or Rwy 18 in use.
NEW YORK		
ALBANY		
ALBANY INTL (ALB)	HS 1	Maintain vigilance Twy A and Twy C complex int in close proximity to Rwy 10–28.
BINGHAMTON		
GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)	HS 1	Maintain vigilance int in close proximity to Rwy 28 and Rwy 34.
BUFFALO		
BUFFALO NIAGARA INTL (BUF)	HS 1	Maintain vigilance Twy D and Twy A waiver for ATC crossings.
NEW YORK		
LAGUARDIA (LGA)	HS 1	Intersection of rwys and Twy G, Twy P, Twy R, Twy S.
	HS 2	Maintain vigilance when exiting Rwy 04 at Twy Q. Be sure to completely cross the hold line which requires crossing onto another twy.
NEW YORK		
NEW YORK STEWART INTL (SWF)	HS 1	Northbound tfc on Twy C sometimes encounter tfc on Twy A.
	HS 2	Maint vigilance high tfc area in GA ramp.
ROCHESTER		
GREATER ROCHESTER INTL (ROC)	HS 1	Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
SYRACUSE		
SYRACUSE HANCOCK INTL (SYR)	HS 1	Tfc exiting General Aviation parking sometimes miss the turn onto Twy H and enter Rwy 10–28 without authorization.
	HS 2	Acft taxiing southbound on Twy B, Twy E or Twy F miss the turn onto Twy A and enter the rwy without authorization.

PENNSYLVANIA

HARRISBURG		
CAPITAL CITY (CXY)	HS 1	Rwy 26 LAHSO pavement marking is difficult to see in late afternoon due to sun.
	HS 2	Rwy 08 ILS Critical Area hold line pavement marking is NSTD.
	HS 3	Twy C at Rwy 30. Entrance to Twy B is difficult to see from Twy C due to large pavement area.
PHILADELPHIA		
PHILADELPHIA INTL (PHL)	HS 1	Acft taxiing on Twy D must remain alert to not enter Rwy 08–26 wo proper clearance.
	HS 2	Tfc taxiing south on Twy Y must be alert to not miss the turn at Twy S and enter onto Rwy 09R–27L.
	HS 3	Maint vigilance, Twy E apch hold to protect Rwy 26 ovrn.
	HS 4	Maint vigilance Twy K and Twy D close int to Rwy 35 and 27R.
PITTSBURGH		
ALLEGHENY CO (AGC)	HS 1	Wide pavement int multiple rwys.
	HS 2	Wide pavement int with ramps, twys, and rwy.
READING		
READING RGNL/CARL A SPAATZ FLD (RDG)	HS 1	Hold lines on Twy B for Rwy 31 and Rwy 36 can be confusing due to close proximity.
	HS 2	Area along Twy H from Twy D to Rwy 18 hold line not visible from ATCT.
	HS 3	Area along Twy A from terminal ramp to Rwy 36 hold line not visible from ATCT.
	HS 4	Maint vigilance confusing twy configuration near adj ramp.
WILLIAMSPORT		
WILLIAMSPORT RGNL (IPT)	HS 1	Tfc approaching the Rwy 27 and Rwy 30 Hold Line on Twy B must remain alert so as not to mistake that Hold Line as applying to a single rwy only. The Hold Line applies to Rwy 27 and Rwy 30.

RHODE ISLAND

PROVIDENCE		
THEODORE FRANCIS GREEN STATE (PVD)	HS 1	Main vigilance at Twy M and Twy C due to vast amount of pavement and multiple rwy hold lines in close proximity of rwy.
	HS 2	Int of Rwy 16–34, Twy V, Twy N, and Twy T –complex int with a convergence of numerous twys with Rwy 16–34.
	HS 3	Twy M at the int of Twy B use extra vigilance due to vast amount of pavement and multiple hold lines in close proximity of rwy.
	HS 4	Maint vigilance dep northwest ramp. Twy S is immed adj to NW ramp. Acft could inadvertently enter Rwy 16–34.

VERMONT

BURLINGTON		
BURLINGTON INTL (BTV)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 19 mistakenly depart wrong rwy – Rwy 15.
	HS 2	Maintain vigilance on Twy C approaching Rwy 01–19 hold lines.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
VIRGINIA		
NEWPORT NEWS		
NEWPORT NEWS/WILLIAMSBURG INTL (PHF)	HS 1	Maintain vigilance. Due to the large pavement area at the int of Rwy 07–25 and Rwy 02–20, pilots can easily become disoriented through the int.
	HS 2	Wrong rwy departure risk. Pilots instructed to depart Rwy 07 or Rwy 02 may mistakenly depart the adjacent rwy due to the close proximity of the thlds.
RICHMOND		
RICHMOND INTL (RIC)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 20 or Rwy 16 mistakenly depart the adjacent rwy due to close proximity of thlds. Acft ldg Rwy 34 unable to exit Twy C expect to cross the departure end of Rwy 02 to clear the rwy.
ROANOKE		
ROANOKE–BLACKSBURG RGNL/WOODRUM FLD (ROA)	HS 1	Northbound tfc on Twy A for Rwy 24 sometimes fail to make the turn at Twy G and enter Rwy 06–24 without a clearance.
	HS 2	Maint situation awareness at Twy A and Twy D.
WEST VIRGINIA		
HUNTINGTON		
TRI–STATE/MILTON J FERGUSON FLD (HTS)	HS 1	Maintain vigilance, Twy A does not lead to the end of Rwy 12. Full length departures rqr rwy crossing.