

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 ellipses 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*
ATWATER, CA CASTLE (MER)	HS 1 HS 2	Twy A, Twy A1, Twy B, and Twy G complex int. Twy A and southeast ramp, traffic congestion.
BEALE AFB, CA BEALE AFB (BAB)	HS 1 HS 2 HS 3	Twy B, high-speed U-2 mobile traffic when Rwy 15 in use. Twy E, high-speed U-2 mobile traffic when Rwy 33 in use. Twy F, in the vicinity of Twy C, Twy L, and Twy K. Frequent U-2 and high speed mobile traffic, slope of the twy limits visibility in both directions.
CONCORD, CA BUCHANAN FLD (CCR)	HS 1 HS 2 HS 3 HS 4	Wrong SFC Departure Risk. Rwy 32L Run-up area and Twy J. Twy J can be mistaken for Rwy 32L. Risk of runway incursion and/or surface incident. Twy J, Twy A, Twy C, and Twy K. Expanse pavement and complex geometry due to converging Twys. Runway incursion risk. Rwy 32L apch hold area on Twy A between Twys J and B. Holding Position Marking in an unexpected location. Rwy incursion risk. Twys J, B and Rwy 32R run-up area. Potential for expectation bias of run-up area location, and loss of situational awareness due to wide expanse of pavement.
FAIRFIELD, CA TRAVIS AFB (SUU)	HS 1	Twy G/H and Rwy 21R/03L intersection is vehicle crossing and single Rwy 21L/03R entry/exit point. Expect high vehicle and aircraft traffic.
HAYWARD, CA HAYWARD EXEC (HWD)	HS 1 HS 2 HS 3 HS 4 HS 5	Rwy 10L-28R, Twy E and Twy A. Area not visible from ATCT. Area not visible from ATCT. Area not visible from ATCT. Twy 28L hold bars on Twy A1 and Twy Z1.
LIVERMORE, CA LIVERMORE MUNI (LVK)	HS 1 HS 2 HS 3 HS 4 HS 5 HS 6	Pilots instructed to hold short of Rwy 25R at Twy B sometimes fail to comply. Pilots sometimes land on Rwy 25R without clearance. Pilots instructed to hold short of Rwy 25L at Twy C sometimes fail to comply. Pilots instructed to hold short of Rwy 07L at Twy H sometimes fail to comply. Pilots instructed to hold short of Rwy 07R at Twy G sometimes fail to comply. Pilots instructed to hold short of Rwy 25R at Twy G sometimes fail to comply. Pilots may be confused at the intersections of Twy J, Twy A, and Twy G sometimes fail to comply with taxi instructions.

(SEE CONTINUATION PAGE FOR MORE LISTINGS)

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(CONTINUED)

CITY/AIRPORT	HOT SPOT	DESCRIPTION*
NAPA, CA NAPA COUNTY (APC)	HS 1 HS 2 HS 3	Surface Incident Risk. Twy A, Twy A2, Twy C, Twy E, and the ramp. Complex geometry due to converging Twys. Runway Incursion Risk. Twy A at Rwy 24. Short distance from ramp to Rwy. Runway Incursion Risk. Rwy 1L, Rwy 6, and Twy H. Aircraft taxiing outbound for departure will encounter runway position hold markings in an unexpected location. Aircraft landing Rwy 19R, must receive ATC authorization to exit onto Rwy 06-24.
OAKLAND, CA OAKLAND SAN FRANCISCO BAY (OAK)	HS 1 HS 2 HS 3	Rwy 28R, Twy A and Twy B. Rwy 10L-28R, Twy H, Twy G, Twy C and Twy D. Runway incursion risk. Twy C between Twy C1 and Twy J. APCH/DEP hold in effect when instructed by ATC.
SACRAMENTO, CA SACRAMENTO EXEC (SAC)	HS 1 HS 2	Inbound Twy A and outbound Twy B. Portion of Twy E not visible from twr.
SACRAMENTO, CA SACRAMENTO INTL (SMF)	HS 1 HS 2 HS 3	Twy Y2 between Concourse A and Concourse B. Vehicle Service Road crossing Twy W and Twy Y. Twy A at the int of Twy A13, Twy G1 and Twy P.
SAN FRANCISCO, CA SAN FRANCISCO INTL (SFO)	HS 1 HS 2 HS 3 HS 4	Complex int Twy B and Twy F. Rwy 01L-19R, Twy C and Twy E. Act exiting Rwy 28R on Twy T: Taxi aircraft up to and hold short of Rwy 28L unless specifically cleared to cross. Twy T has hold short lines for both Rwy 28R and Rwy 28L. Be sure to identify the correct hold short line for Rwy 28L to ensure aircraft tail is fully clear of Rwy 28R. Runway incursion risk. ATC may request aircraft to hold on a RWY short of an intersection with another RWY. At runway intersections, vertical holding position signs exist with no surface painted markings. When instructed, pilots must hold short of the holding position signs.
SAN JOSE, CA NORMAN Y. MINETA SAN JOSE INTL (SJC)	HS 1	Rwy incursion risk. Rwy 30L at Twy D. Short distance from run-up area to Rwy.
SAN JOSE, CA REID-HILLVIEW OF SANTA CLARA COUNTY (RHV)	HS 1 HS 2	Numerous inbounds and outbounds at twy intersections Twy D, Twy Z, and Twy Y. Maintain vigilance when maneuvering at Twy Y, Twy Z, and Twys Z1, Z2, Z3 and Z4.
SANTA ROSA, CA CHARLES M SCHULZ/ SONOMA COUNTY (STS)	HS 1 HS 2 HS 3 HS 4	Twy A, Twy A5, Twy Z complex int in close proximity to Rwy 14-32. South run-up area not visible from the twr. North run-up area east of Twy A and Twy H int in close proximity of Rwy 20 Apch Hold. Wrong rwy departure risk.

(SEE CONTINUATION PAGE FOR MORE LISTINGS)

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CITY/AIRPORT	HOT SPOT	DESCRIPTION*
STOCKTON, CA STOCKTON METRO (SCK)	HS 1	Closely spaced rwy on Twy H.
TRUCKEE, CA TRUCKEE-TAHOE (TRK)	HS 1	Simultaneous ops on Rwy 11-29 and Rwy 02-20.

*See appropriate Chart Supplement HOT SPOT table for additional information.