



# OPERATIONAL RUNWAY CONDITION ASSESSMENT MATRIX (RCAM)

Assessment Criteria		MAX X-WIND	
Runway Condition Description (use only when no RWYCC is provided)	RWYCC	DASH8	HS748
•Dry •100% Compacted snow/gravel mix at all OAT	6	36 kt	30 kt
•FROST •Wet (Damp and 0.13 in or less depth of water) •Wet Snow 0.13 in or less depth •Dry Snow 1.0 in or less depth •Dry Snow 1.0 in or less depth over Compacted snow/gravel mix: -15°C and Colder OAT	5	30 kt	30 kt
•Dry Snow 1.0 in or less depth over Compacted snow/gravel mix: Warmer than -15°C OAT •100% Compacted Snow: -15°C and Colder OAT	4	25 kt	25 kt
•100% Compact Snow: Warmer than -15°C OAT •Wet Snow 0.13 in or less depth over Compacted snow/gravel mix •Dry Snow more than 1.0 in depth •Wet ("Slippery when wet" runway) •Dry Snow or Wet Snow (Any depth) over 100% Compacted Snow •Wet Snow greater than 0.13 in depth •Slush 0.13 in or less depth •Ice: -25°C and colder OAT	3	20 kt	20 kt
•Water Greater than 0.13 in depth •Ice: -15°C to -24°C OAT	2	15 kt	15 kt
•Slush Greater than 0.13 in depth. •Ice: -8°C to -14°C OAT	1	10 kt	10 kt
•Wet Snow greater than 0.13 in depth over Compacted snow/gravel mix •Water on top of 100% Compacted Snow •Over Ice: Dry Snow, Wet Snow, Slush, Water •Ice: -7°C and warmer OAT	0	NO GO	NO GO
Trace = Contamination Depth of ≤ 1/8'' / 0.13 in / 3mm		COMPACTED SNOW ON A GRAVEL RWY = COMPACTED SNOW/GRAVEL MIX	
TAKEOFF & LANDING DISTANCES MUST BE CHECKED (DASH-8 ONLY)			
SEE BACK OF THE PAGE FOR THE PROCEDURE WHEN A RWYCC IS PROVIDED AND NOT PROVIDED ➔			