

FIG 4-3-7
Runway Condition Assessment Matrix (RCAM)

Assessment Criteria		Control/Braking Assessment Criteria	
Runway Condition Description	RwyCC	Deceleration or Directional Control Observation	Pilot Reported Braking Action
<ul style="list-style-type: none"> • Dry 	6	---	---
<ul style="list-style-type: none"> • Frost • Wet (Includes damp and 1/8 inch depth or less of water) <p>1/8 inch (3mm) depth or less of:</p> <ul style="list-style-type: none"> • Slush • Dry Snow • Wet Snow 	5	Braking deceleration is normal for the wheel braking effort applied AND directional control is normal.	Good
<p>-15°C and Colder outside air temperature:</p> <ul style="list-style-type: none"> • Compacted Snow 	4	Braking deceleration OR directional control is between Good and Medium.	Good to Medium
<ul style="list-style-type: none"> • Slippery When Wet (wet runway) • Dry Snow or Wet Snow (any depth) over Compacted Snow <p>Greater than 1/8 inch (3 mm) depth of:</p> <ul style="list-style-type: none"> • Dry Snow • Wet Snow <p>Warmer than -15°C outside air temperature:</p> <ul style="list-style-type: none"> • Compacted Snow 	3	Braking deceleration is noticeably reduced for the wheel braking effort applied OR directional control is noticeably reduced.	Medium
<p>Greater than 1/8 inch(3 mm) depth of:</p> <ul style="list-style-type: none"> • Water • Slush 	2	Braking deceleration OR directional control is between Medium and Poor.	Medium to Poor
<ul style="list-style-type: none"> • Ice 	1	Braking deceleration is significantly reduced for the wheel braking effort applied OR directional control is significantly reduced.	Poor
<ul style="list-style-type: none"> • Wet Ice • Slush over Ice • Water over Compacted Snow • Dry Snow or Wet Snow over Ice 	0	Braking deceleration is minimal to non-existent for the wheel braking effort applied OR directional control is uncertain.	Nil