

IRT results compared to AS 5498 paragraph 5.2.1.1.1

AS 5498 specifications	Paragraph 5.2.1.1.1	test result	test result
Parameter	condition 1 = rime	run # 20	run # 17
Water concentration	0.3 g/m ³	0.2 g/m ³	1.8 g/m ³
Temperature	-20 °C = -4 °F	-10 °C = +14 °F	-10 °C = +14 °F
Airspeed	120 Kt = 138 mph	217 Kt = 250 mph	86 Kt = 100 mph
Water droplet MVD	15 microns	15 microns	20 microns
response time	<120 seconds	5 seconds	5 seconds

AS 5498 specifications	Paragraph 5.2.1.1.1	test result	test result
Parameter	condition 2 = glaze	run #10	run # 16
Water concentration	0.75 g/m ³	0.65 g/m ³	0.2 g/m ³
Temperature	-3°C = 26 °F	-4°C = 25°F	-4°C = 25°F
Airspeed	145 Kt = 167 mph	86 Kt = 100 mph	217 Kt = 250 mph
Water droplet MVD	40 microns	20 microns	15 microns
response time	<90 seconds	26 seconds	2 seconds

AS 5498 specifications	Paragraph 5.2.1.1.1	test result	test result
Parameter	condition 3 = rime	run #19	run # 18
Water concentration	1.0 g/m ³	0.65 g/m ³	0.65 g/m ³
Temperature	-30°C = -22 °F	-10 °C = 14 °F	-10 °C = 14 °F
Airspeed	250 Kt = 288 mph	217 Kt = 250 mph	85 Kt = 100 mph
Water droplet MVD	20 microns	20 microns	20 microns
response time	<20 seconds	2 seconds	12 seconds