

Fines Preservation®

A presentation developed by the Northwest Territories Transportation Airports Division was presented at the Government of Northwest Territories DOT Airports conference in 2005. This presentation was designed to illustrate the benefits of using Midwest's EK35® product as part of the Fine Preservation Program over a runways life cycle. The information below shows the cost savings when using EK35 over a period of 20 years.

The "Before EK35" costs include a minor overlay of aggregate in Year 5, a major overlay of aggregate in Year 10 and another minor overlay of aggregate in Year 15. The "After EK35" costs include; the initial three year application of EK35, a maintenance treatment in Year 7, a minor overlay of aggregate in Year 10, application of EK35 in Years 11, 12 and 13, mainetenacne application of EK35 in Year 17. Due to EK35's ability to perserve the as-constructed state of the runway, aggregate overlay are needed much less than an untreated gravel runway.

BEFORE EK35		AFTER EK35	
Year 5	\$49,200	Year 1	\$80,300
Year 5	\$473,300	Year 2	\$48,400
Year 5	\$36,600	Year 3	\$24,500
Year 5	0	Year 7	\$41,800
		Year 10	\$42,500
		Year 11	\$59,800
		Year 12	\$36,100
		Year 13	\$18,200
		Year 17	\$31,100
TOTAL NPC	\$559,100	TOTAL NPC	\$382,700