

ERCS Classification & ERCS Score

SEVERITY			CLASSIFICATION (ERCS Score)										
Potential Accident Outcome	Score												
Extreme catastrophic accident with the potential for significant number of fatalities (100+)	X		Pending Risk Assessment	X9=0,001	X8=0,01	X7=0,1	X6=1	X5=10	X4=100	X3=1000	X2=10000	X1=100000	X0=1000000
with potential for fatalities and injuries (20-100)	S			S9=0,0005	S8=0,005	S7=0,05	S6=0,5	S5=5	S4=50	S3=500	S2=5000	S1=50000	S0=500000
Major accident with limited amount of fatalities (2-19), life changing injuries or destruction of the aircraft	M			M9=0,0001	M8=0,001	M7=0,01	M6=0,1	M5=1	M4=10	M3=100	M2=1000	M1=10000	M0=100000
An accident involving single individual fatality, life-changing injury or substantial aircraft damage	I			I9=0,00001	I8=0,0001	I7=0,001	I6=0,01	I5=0,1	I4=1	I3=10	I2=100	I1=1000	I0=10000
minor or serious injury (not life-changing) or minor aircraft damage	E			E9=0,000001	E8=0,00001	E7=0,0001	E6=0,001	E5=0,01	E4=0,1	E3=1	E2=10	E1=100	E0=1000
No likelihood of an accident	A		No Implication to Safety										
	Corresponding Barrier Score			9	8	7	6	5	4	3	2	1	
	Barrier Weight			17-18	15-16	13-14	11-12	9-10	7-8	5-6	3-4	1-2	
				POSSIBILITY OF THE POTENTIAL ACCIDENT OUTCOME									