











































			7
A. Evaluat PSFs	e PSFs for the Diagnosis Portion of the PSF Levels	Task, If Any. Multiplier for Diagnosis	- e S
Available Time Stress/ Stressors Complexity Experience/ Training	Inadequate time Barely adequate time (~2/3 x nominal) Nominal time Extra time (between 1 and 2 x nominal and > than 30 min) Insufficient time (> 2 x nominal and > 30 min) Insufficient time Regulation (> 2 x nominal and > 30 min) Insufficient Information Highly complex Moderately complex Noderately complex Notestrately complex Delivion diagnosis Insufficient Information Low Nominal	P(failure) = 1.0 10 0.1 0.1 1 2 1 2 1 2 1 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	 Influence human performance in complex systems → Performance Shaping Factors (PSFs) Positive way → low multiplier Negative way → high multiplier
Procedures Ergonomics/ HMI	High Insufficient Information Insufficient Information Incomplete Available, but poor Nominal Diagnostic/ymptom oriented Insufficient Information Missing Misleding Poor	0.5	HEP = f(PSFs) _{Diag} + f(PSFs) _{Exec}
Fitness for Duty Work Processes	Nominal Good Lussificient Information Unfar Degraded Fitness Nominal Insufficient Information Poor Nominal Good	1 0.5 1 P(failure) = 1.0 5 1 1 2 1 0.8	







