System Description

System		Threat
Training Squadron with 3 SLEP Courses of Action	No SLEP Small SLEP Large SLEP	Delayed replacement aircraft Surge in graduate demand

Stakeholder Preferences

Stakeholder	Quarterly Graduates		Satisfaction Quarterly	Ready Aircraft Daily	Time Horizon t_h Years	Int. Sub. χ_t
	Normal	Surge				
Squadron CO	65	90	85%	NA	3	0, 1, χ_t
Program Manager	65	90	85%	85%	15-35	0, 1, χ_t

System Data/Model

	Commanding Officer	Program Manager
Functional Outputs	Graduates / Quarter	Graduates / Quarter
	Satisfaction / Quarter	Satisfaction / Quarter
		Aircraft / Day

Functional Output Data

Time series performance data φ_t

Resilience Model

$$R = \frac{\mathrm{M}_\chi \Delta T_i + F_\chi \Delta T_f + R_\chi \Delta T_r + H_\chi \Delta T_h}{\Delta T_i + \Delta T_f + \Delta T_r + \Delta T_h}$$

Resilience Measurements