

		Body		Flight-Path / Wind		State Subvector
Kinetic Energy	Translational	Longitudinal Velocity	u	Velocity	V	$x_1 = [V \ \alpha \ \beta]^T$
		Lateral Velocity	v	Angle of Attack	α	
		Normal Velocity	w	Sideslip Angle	β	
	Rotational	Roll Rate	p	Roll Rate	p	$x_2 = [p \ q \ r]^T$
		Pitch Rate	q	Pitch Rate	q	
		Yaw Rate	r	Yaw Rate	r	
Potential Energy	Attitudes	Euler Roll	ϕ	Heading Angle	χ	$x_3 = [\chi \ \gamma \ \mu]^T$
		Euler Pitch	θ	Flight-Path Angle	γ	
		Euler Yaw	ψ	Bank Angle	μ	
	Position / Nav	North Position	ξ	North Position	ξ	$x_4 = [\xi \ \eta \ h]^T$
		East Position	η	East Position	η	
		Altitude	h	Altitude	h	