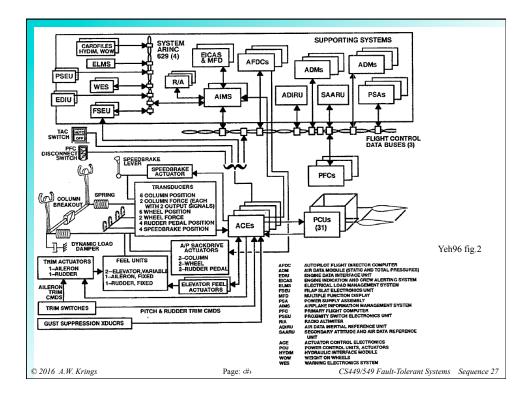
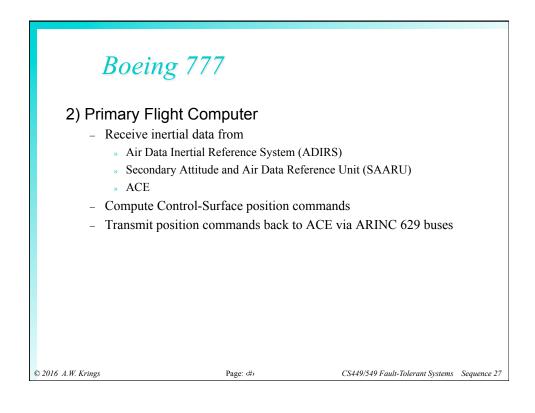
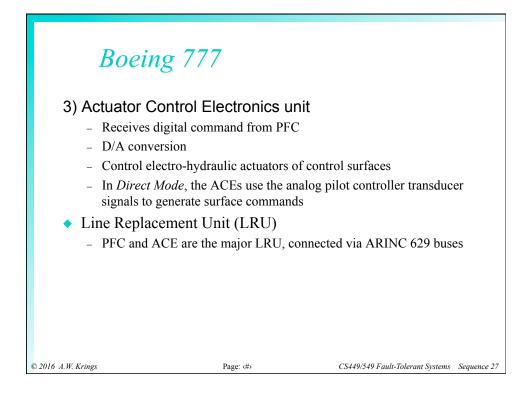


PITCH Lever Cmd with Speed ack Trim for Speed Variable Feel	ROLL CONTROL Surface Cmds Manual Trim Fixed Feel	YAW CONTROL Surface Ornd Ratio Changer Wheel/Rudder Cross Tie Manual Trim Yaw Damping
euver Cmd with Speed	Surface Cmds Manual Trim	Surface Cmd Ratio Changer Wheel/Rudder Cross Tie Manual Trim Yaw Damping
		Fixed Feel Gust Suppression
PE PROTECTION	ENVELOPE PROTECTION Bank Angle	ENVELOPE PROTECTION Thrust Asymmetry Compensation
OT ive	AUTOPILOT Backdrive	AUTOPILOT Backdrive
L e Cmd (Augmented) p/Down Gain Stabilizer Trim p/Down Feel	CONTROL Surface Cmd Manual Trim Fixed Feel	CONTROL Surface Cmds, Flaps Up/Down Gain PCU Pressure Reducer Manual Trim Fixed Feel Yaw Rate Damper (If Available)
L e Cmd (Augmented) p/Down Gain Stabilizer Trim Ip/Down Feel	CONTROL Surface Cmd Manual Trim Fixed Feel	CONTROL Surface Cmds, Flaps Up/Down Gain PCU Pressure Reducer Manuai Trim Fixed Feel
	of ve Cmd (Augmented) p/Down Gain tabilizer Trim p/Down Feel Cmd (Augmented) p/Down Gein tabilizer Trim p/Down Feel	ort AUTOPILOT Backdrive Contract Contra



Boeing	777	
Sequence of event	as:	
1) Actuator Contro	ol Electronics unit	t (ACE)
commands for » two actuato » mechanical	the ACE r controlled feel units p	ach pilot controller) sense pilot rovide variable feel for control column feel for wheel and paddles.
-		ndant ARINC 629 buses
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Boeing	777				
 Actuator Cont 	rol Electronics (A	ACE)			
– 4MR configuration					
	 Interface between analog domain, e.g. crew controllers, electric/ electro-hydraulic actuators, and digital domains, e.g. ARINC 629, PFCs 				
 Controls all control surfaces 					
 Controls variable feel actuators 					
- 3 ARINC 629 interfaces					
 In <i>Direct Mode</i> commands on the digital bus are ignored => Provide direct surface control 					
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