

	PRESSURE REGULATION	STAGE	PRESS	TEMP
GRND IDLE	24 PSI maintained by 8 th stage – 5 th stage inadequate – HPSOV opens	8 th	24	
FLT IDLE	14 PSI maintained by 8 th stage – 5 th stage inadequate – HPSOV opens	8 th	14	
HI THRUST	Pressure controlled by PRSOV – 40.5 PSI	5 th	40.5	400°F
SINGLE PACK	35 PSI targeted – HPSOV opens to maintain 35 PSI – commanded with Pack OFF	8 th	35	400°F
TEMPERATURE REGULATION				
WAI x 2	5 th stage inadequate for mass of air required – HPSOV opens to target 40.5 PSI . Increased temperature regulated by FAN Air to 400°F	8 th	40.5	400°F
WAI x 1	5 th stage inadequate for mass of air required – HPSOV opens to Target 40.5 PSI . Increased temperature regulated by FAN Air to 500°F	8 th	40.5	500°F
AUTO PACK SELECTION				
STARTING	MASTER START or CRANK MASTER (ground only)	RIGHT PACK OFF		
ENG START	START L/R (ground only)	LEFT PACK OFF		
ISOLATION VALVE				
ISOL VALVE	Opens in association with LCV (APU) + CRANK + START + MANUALLY			
VALVE FAILURE POSITION				
CAI VALVE	VALVE FAILS OPEN (5 th stage) – need Electrical power to keep the valve closed.			
HP SOV (8th)	VALVE FAILS CLOSED			
PR SOV (Bleed)	FAILS CLOSED (safety)			
FAN AIR VALVE	FAILS OPEN (cooling)			
PACKS	FAILS OPEN			
WAI VALVE	VALVE FAILS CLOSED			