

AZTEC Dispatch Form

Pilot: _____ Date: _____

	Departure	Cruise	Destination
Winds			
Temperature			
Altimeter			
Indicated altitude			
Pressure altitude			
Density altitude			

Weight & Balance			
Item	Weight	Arm	Moment
N706SP	3,178	89.87	285,579
Front Occupants		89	
Middle Occupants		126	
Rear Occupants		157	
Forward Baggage		10	
Rear Baggage		183	
Zero Fuel Weight	4400		
Fuel (140* usable)	*840	113	*94920
Takeoff Weight	5200		
Fuel Burn		113	
Landing Weight	4940		

Takeoff CG: _____ Landing CG: _____

- CG is within acceptable limits during all phases of flight.

$$V_{A2} = 149 \sqrt{\frac{W_2}{5200}}$$

Performance Calculations		Critical Airspeeds	
Accelerate-Stop	ft	V _A	mph
Takeoff Distance	ft	V _R	85 mph
Multiengine ROC	fpm	V _Y	mph
Single Engine ROC	fpm	V _{YSE}	mph
Multiengine Service Ceiling	ft	V _{REF}	90 mph
Single Engine Service Ceiling	ft		
Landing Distance	ft		

Takeoff Runway Length: _____ Landing Runway Length: _____