

**AIRFIELD INFORMATION**

	DEPARTURE		DESTINATION		ALTERNATE	
RWY Direction						
TODA						
TORA						
LDA						
Elevation						
Temperature						
Wind DIR/SPEED						
Slope						
Surface						
QNH						
Pressure Altitude						

**FUEL CALCULATION**

	QUANTITY	ENDURANCE
Start up & Taxi		
Climb		
Cruise		
Descent		
Trip & Taxi Fuel		
Holding		
Alternate Climb		
Alternate Cruise		
Alternate Descent		
VdbA Reserve		
Extra		
<b>BLOCK FUEL</b>		

**TAKE-OFF AND LANDING DISTANCE CALCULATION**

	TAKEOFF		LANDING		TAKEOFF		LANDING		TAKEOFF		LANDING	
	TO Dist	TO Roll	LDG Dist	LDG Roll	TO Dist	TO Roll	LDG Dist	LDG Roll	TO Dist	TO Roll	LDG Dist	LDG Roll
	Basic Required											
Inc./Decr.												
Temp												
Wind												
Slope												
Grass												
Surface Condition												
Total Required (ft)												
Total Required (m)												
Inc. Penalty												

**PENALTY FOR TAKEOFF: 20%**
**PENALTY FOR LANDING: 35%**
**MASS & BALANCE CALCULATION**

PH-.....	Mass	Arm	Moment
Basic Empty Mass			
Pilot + Pax (instr)			
Rear Pax			
Baggage			
Zero Fuel Mass			
Fuel			
Ramp Mass			
Taxi Fuel			
Takeoff Mass			
Trip Fuel			
Estimated Landing Mass			

Use 50% of Headwind component

Use 150% of Tailwind component

	TAKEOFF	LANDING
Temperature		
Wind (as per OM)	10%	10%
Upslope (per 1%)	5%	0%
Downslope (per 1%)	0%	5%
Dry Grass	15%	45%
Wet Runway	50%	50%

**SIGNATURE PILOT IN COMMAND:**
*Hereby I declare knowledge of M&B and latest Notams.*

SIGNATURE: