

# WEIGHT & BALANCE / PERFORMANCE DATA

WEIGHT AND BALANCE FOR N#: _____			
ITEM	WEIGHT (lbs)	ARM (in)	MOMENT (lb-in)
Basic Empty Weight			
Nose Baggage			
Front Seats			
Rear Seats			
Forward Baggage			
Aft Baggage			
<b>ZERO FUEL WEIGHT</b>			
Main Fuel _____ Gallons			
<b>RAMP WEIGHT</b>			
Fuel: Start, Taxi, Run-up			
<b>TAKEOFF WEIGHT</b>			
Fuel Burn _____ Gallons			
<b>LANDING WEIGHT</b>			
CHANGE IN AIRCRAFT TO N#: _____			
<b>New Aircraft-Old Aircraft (Δ)</b>			
<b>NEW TAKEOFF WEIGHT</b>			
<b>NEW LANDING WEIGHT</b>			

Altimeter Setting \_\_\_\_\_ Surface Wind \_\_\_\_\_° at \_\_\_\_\_ KTS  
 Surface Temp \_\_\_\_\_°F \_\_\_\_\_°C Headwind \_\_\_\_\_ KTS X-Wind \_\_\_\_\_ KTS  
 Pressure Altitude \_\_\_\_\_ ft Winds at \_\_\_\_\_ ft \_\_\_\_\_° \_\_\_\_\_ KTS  
 Density Altitude \_\_\_\_\_ ft Winds at \_\_\_\_\_ ft \_\_\_\_\_° \_\_\_\_\_ KTS

### PERFORMANCE DATA

Takeoff Weight _____ lbs	Landing Weight _____ lbs
Rotation _____ KIAS _____° Flaps	Approach _____ KIAS _____° Flaps
Speed at 50ft Obstacle _____ KIAS	Dist _____ ft ROLL / _____ ft TOTAL
Dist _____ ft ROLL / _____ ft TOTAL	Arrival Runway _____ / _____ ft
Departure Rwy _____ / _____ ft	Best Glide Airspeed _____ KIAS
ROC at _____ ft = _____ ft/min	V <sub>A</sub> _____ KIAS at _____ lbs

### MULTI-ENGINE DATA

Single Engine (S.E.) Rate of Climb at \_\_\_\_\_ ft = \_\_\_\_\_ ft/min  
 Accelerated/Stop Dist \_\_\_\_\_ ft S.E. Absolute Ceiling \_\_\_\_\_ ft  
 S.E. Approach Speed \_\_\_\_\_ KIAS S.E. Service Ceiling \_\_\_\_\_ ft

BRIEFING CARD

# BRIEFING CARD

<p><b>- Passenger Brief -</b></p> <ul style="list-style-type: none"> <li>• Seatbelts</li> <li>• Air Vents</li> <li>• Fire Extinguisher</li> <li>• Exits</li> <li>• Traffic Vigilance</li> <li>• Sterile Cockpit</li> </ul>	<p>Due Back:</p> <hr/> <p>Practice Area:</p>	<p><b>- Crew Brief -</b></p> <ul style="list-style-type: none"> <li>• PIC Establish*</li> <li>• ATIS / AWOS*</li> <li>• Runway in use*</li> <li>• Transfer of Controls*</li> <li>• Sterile Cockpit*</li> <li>• Airport Diagram</li> </ul> <p><small>*indicates items that must be briefed on every flight</small></p>
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ATIS		OPS:	ATIS	
Time		ATIS:	Time	
Wind		GRD:	Wind	
Visibility		TWR:	Visibility	
Obstructions		PRAC:	Obstructions	
Sky Conditions		FSS:	Sky Conditions	
Temp./Dew Pt.		DEP/CTR:	Temp./Dew Pt.	
Altimeter			Altimeter	
Runway/Traffic			Runway/Traffic	

Notes / Clearances \_\_\_\_\_

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## PRE-TAKEOFF BRIEF

### REQUIRED BRIEFING ITEMS:

<ul style="list-style-type: none"> <li>• Runway Lengths/ Takeoff &amp; Landing Distances</li> <li>• Emergency Procedures</li> <li>• Airspeeds</li> <li>• Clearance / Departure Procedures</li> <li>• Terrain and Obstacles</li> <li>• Wind Conditions</li> <li>• X- Questions</li> </ul>	<p><b>-EMERGENCY PROCEDURES-</b></p> <ul style="list-style-type: none"> <li>• On Takeoff Roll</li> <li>• After Takeoff RWY. REM.</li> <li>• After Takeoff NO RWY. REM.</li> <li>• Crew Duties</li> </ul>
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