



**FREDERICK FLIGHT CENTER, INC.  
FLIGHT PLANNING GUIDE**

**N2334J**

**GENERAL INFORMATION:**

YEAR: **2005**

MAKE: Cessna      MODEL: 172S      HORSEPOWER: 180

COLOR: White With Burgundy and Pewter Stripes

FLIGHT PLAN CODE: G

MINIMUM RATING REQUIRED: Solo / Private

**EQUIPMENT:**

STANDARD IFR: Yes

STANDARD VFR: Yes

ENCODER: Yes

RADIO #1: GIA-63 COM/NAV/GPS Computer

RADIO #2: GIA-63 COM/NAV/GPS Computer

TRANSPONDER: GTX-33

AUTOPILOT: King Dual Axis KAP 140

- Traffic: Mode S with TIS
- Terrain Mapping
- AHRS. A solid-state Attitude Heading & Reference System
- Three-axis Magnetometer
- EICAS. Engine/Airframe Indication and Crew Alerting System
- ADC. Air Data Computer

**PLANNING DATA:**

BASIC EMPTY WEIGHT: 1,740.9

EMPTY CG LOCATION (ARM): 41.57

EMPTY MOMENT: 72,376.35

**NORMAL CATEGORY:**

GROSS WEIGHT: 2,550

MAX RAMP WEIGHT: 2,558.0

USEFUL LOAD: 817.1

TOTAL USEABLE FUEL: 53 (318 lbs)

USEFUL LOAD (NORMAL CATEGORY): 817.1

FULL FUEL PAYLOAD (NORMAL CATEGORY): 499.4