



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

N11019

GENERAL INFORMATION:

YEAR: **2006**

MAKE: Cessna MODEL: 172S NAV III HORSEPOWER: 180

COLOR: White With Gold, Burgundy, and Gray 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: 1,728.0

EMPTY CG LOCATION (ARM): 41.615

EMPTY MOMENT: 71,912

NORMAL CATEGORY:

GROSS WEIGHT: 2,550

MAX RAMP WEIGHT: 2,558.0

USEFUL LOAD: 830.0

TOTAL USEABLE FUEL: 53 (318 lbs)

USEFUL LOAD (NORMAL CATEGORY): 830.0

FULL FUEL PAYLOAD (NORMAL CATEGORY): 512.0