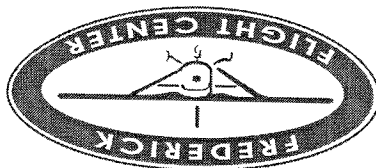


N937SA

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



GENERAL INFORMATION:

YEAR: 2003
MAKE: Cessna
MODEL: 172S
HORSEPOWER: 180
COLOR: White With Gray And Black Stripes
FLIGHT PLAN CODE: G
MINIMUM RATING REQUIRED: Solo / Private

EQUIPMENT:

STANDARD IFR: Yes
STANDARD VFR: Yes
ENCODER: Yes
RADIO #1: King Kx 155A
RADIO #2: King Kx 155A
ADF: None
TRANSPONDER: King KT 76C
MARKER BEACON: King KMA 26
DME: None
AUTOPILOT: King Dual Axis KAP 140
RNAV: None
STORMSCOPE: None
LORAN: None
GPS: King KLN 94 (IFR Approved)
KMD 550 MULTI-FUNCTION DISPLAY

PLANNING DATA:

BASIC EMPTY WEIGHT: 1701.7
EMPTY CG LOCATION (ARM): 41.02
EMPTY MOMENT: 69,808

NORMAL CATEGORY:

GROSS WEIGHT: 2550
MAX RAMP WEIGHT: 2558
USEFUL LOAD: 856.3

TOTAL USEABLE FUEL: 53 (318 lbs)
USEFUL LOAD (NORMAL CATEGORY): 856.3
FULL FUEL PAYLOAD (NORMAL CATEGORY): 538.3