Illness- do I have any symptoms?

Medication- been taking prescription or over-the-counter drugs? Stress- am I under psychological pressure from job? Worried about financial matters, health problems, or family discord? Alcohol- Have I been drinking within 8 hours? Within 24 hrs? Fatigue- Am I tired and not adequately rested? Eeating- am I adequately nourished and hydrated?

## SGS 2-33A Preflight Checklist

Inspect the following for condition, operation, security of attachment and/or other signs of failure.

- a. Weight & Balance Completed & Verified
- b. Canopy
- c. Shoulder Harnesses & Safety Belts
- d. Positive Control Check Stick & Spoilers (First flight of the day or after assembly)
- e. Instruments (Remove Pitot Cover, Battery connect for Variometer (if applicable))
- f. Release Hook and Release System
- g. Skid & Shoe
- h. Tire (15 psi) & Brake Operation
- i. Right Wing & Attachment Bolts:
  - 1. Strut & Attachment Bolts
  - 2. Spoiler
  - 3. Leading Edge
  - 4. Wing Tip Wheel
  - 5. Aileron
  - 6. Trailing Edge
- j. Fuselage Covering & Structural Tubing
- k. Tail
  - 1. Vertical Stabilizer & Attachment Bolts
  - 2. Horizontal Stabilizer & Attachment Bolts
  - 3. Control Cables
  - 4. Elevator & Rudder
  - 5. Tail Wheel & Bracket
- 1. Left Wing (Same as Right Wing)
- m. Hand Radio (Check Battery, Operation, & Frequency)

## **Before Takeoff Checklist**

- a. Shoulder Harness On & Secure
- b. Radio, Charts, Food, Water Bottle(s), Etc. Secured
- c. Altimeter Set
- d. Instrument Panel Check
- e. Controls Free & Clear
- f. Trim Full Forward
- g. Tow Rope Checked & Attached
- h. Wind Direction Check
- i. Emergency Rope Break Review
- j. Speed Brakes Up & Locked
- k. Canopy Closed and Locked

## **Before Release**

- a. Tow Plane Clear Left
- b. Glider Clear Right
- c. Altitude Check & Note
- d. Release Pull

## **Before Landing**

- a. Wind Checked
- b. Runway or Landing Area Clear & Confirmed
- c. Radio Call Position & Intentions
- d. Spoiler Check
- e. Speed Check & Verify, Set Trim
- f. Base leg in opposite direction clear of traffic

This checklist is a tool and is to be used as an aid to flying the SGS 2-33 Sailplane. The 2-33 Sailplane Flight – Erection – Maintenance Manual takes precedence and is the final authority to the safe operation of this aircraft along with any applicable CFRs.