Cessna Skyhawk 172N N44CU

Electrical checks

- Hobbs and Tach time, record
- A.R.O.W., present
- Control lock, remove
- Fire extinguisher, check
- Circuit Breakers, in
- Electrical and Avionics, off
- Magneto Switch off and keys out
- Master Switch on
- Lighting, on
- Pitot heat, on
- Fuel quantity, check
- Walkaround check
    - Lights
    - Pitot heat
    - Confirm GPS database current
- Extend flaps
- Electrical and Master, off

Left Fuselage

- Baggage door secure
- Surfaces
- Antenna

Empennage

- Horizontal Stabilizer
- Elevator
- Trim tab
- Rudder

Right Fuselage

- Surfaces
- Antenna

Right Wing

- Flap
- Aileron
- Surfaces
- Sump fuel
- Fuel quantity
- Landing gear

Nose

- Cowling
- Landing gear
- Oil (6 quarts normal)
- Alternator belt
- Fasteners
- Air vents
- Sump fuel
- Static port

Left Wing

- Sump fuel
- Landing gear
- Fuel quantity
- Pitot tube
- Stall Warning Opening
- Surfaces
- Aileron
- Flap

Passenger Briefing

- Emergency checklists accessible
- **S**eatbelts
- **A**ir vents, airsickness
- **F**ire extinguisher
- **E**xits
- **T**raffic, talking
- Restroom?
- **Y**our Questions?

Final walk around prior to boarding

- Chocks
- Tie downs.
- Control locks and protective covers
- Debris or obstructions

180 H.P. Super Hawk by Penn Yan Aero						
Press Alt	Std.Alt. Temp. F	108 hp 60% RPM	117 hp 65% RPM	126 hp 70% RPM	135 hp 75% RPM	Press Alt
SL	59	2290	2370	2440	2500	SL
1000	55	2310	2390	2460	2520	1000
2000	52	2330	2410	2480	2540	2000
3000	48	2350	2430	2500	2560	3000
4000	45	2370	2450	2520	2580	4000
5000	41	2390	2470	2540	2600	5000
6000	38	2410	2490	2560	2620	6000
7000	34	2430	2510	2580	2640	7000
8000	31	2450	2530	2600	---	8000
9000	27	2470	2550	2620	---	9000
10000	23	2490	2570	---	---	10000
11000	19	2510	2590	---	---	11000
12000	16	2530	---	---	---	12000

Lynx NGT 9000 traffic notation

- – Traffic Advisory (TA) directional)
- – Traffic Advisory (TA) Non-directional)
- – Proximity Advisory (PA) directional)
- – Proximity Advisory (PA) Non-directional)
- – Other Traffic (OT) directional)
- – Other Traffic (OT) Non-directional)

CPA = Closest Point of Approach
CAZ = Collision Airspace Zone
PAZ = Protected Airspace Zone

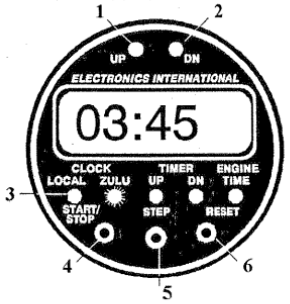
Sensitivity Level A and B Alert at least 12.5 seconds to CPA

Area outside of Sensitivity Level A and B Alert at least 35 seconds to CPA when no acceleration in intruder aircraft and ownship.

A TA is issued when the predicted path of an intruder aircraft enters the ownship PAZ or CAZ area.

SC-5 Super Clock

1. Up Timer Warning LED.
2. Down Timer Warning LED.
3. Display Mode Indicator LED's.
4. Start/Stop Button.
5. Step Switch.
6. Reset Button.



To Display the Various Modes: Push the Step Switch (5) to the right or left to select the various display modes. The appropriate green Display Mode Indicator LED will be lit indicating which mode is being displayed.

JPI EDM-900 Engine Management System				
Step	LF	Dim	Select	Action
■				Stops auto-sequencing, steps through measurements
	■			LeanFind Mode, hold for 3 seconds to normalize
■	■			Programming Mode, hold for 5 seconds
		■		Tap to dim display, hold to brighten display
	■	■		Hold for Hobbs reading
			■	Select what is shown during auto-sequencing

Start up fuel

On power up there will be a prompt to indicate fuel quantity.

Hobbs time

Hold the second and third buttons for 5 seconds to view the Hobbs time.

Lean find

1. Establish cruise at approximately 65 to 75% power and pre-lean the mixture to 50°F estimated rich of peak EGT on any cylinder.
2. Wait about 30 seconds, then tap the LF button.
3. *Begin leaning the mixture smoothly without stopping. Turn a Vernier about ¼ turn per second; retract a non-Vernier or quadrant lever so that EGT rises about 10°F per second.*
4. *Stop leaning when you see LEANEST for two seconds, followed by—for example— EGT1449 FF14.7 The left number is the current temperature of the first EGT to peak and the right number is the current fuel flow.*
5. *Now tap the PEAK button to display the EGT difference from peak which is very useful for setting desired degrees below peak.*
6. *Slowly enrich the mixture noting that the EGT difference diminishes as EGT climbs back to peak, followed by it going minus again. Stop enriching at the desired EGT difference (such as 'EGT -75').*
7. *You can also see what the peak EGT was by holding the PEAK button.*
8. *Tap STEP to exit the Lean Find Mode.*

Preflight Inspection 44CU v5

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