

Tank: _____ Inches on stick
 Tow Pilot #1: _____
 Tow Pilot #2: _____

Green - Comm / CFI
 Red - Solo
 Blue - Private

N#: _____
 Date: _____

Flight #	TP #	Tank		Refuel / Oil / Comments	Tow Pass Color & #	Glider #	Takeoff Time	Release AGL	Tach In
1				Warm-up Flight					
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									

RECORD STARTING, ENDING & TOTAL TACH TIME AT BOTTOM OF SHEET!
Refuel after each 1.3 - 1.5 hrs Tach Time!

Flight #	TP #	Tank		Refuel / Oil / Comments	Tow Pass Color & #	Glider #	Takeoff Time	Release AGL	Tach In
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

Refuel after each 1.3 - 1.5 hrs Tach Time!

End Tach Time:
 Start Tach Time:
 Total Tach Time:

PREFLIGHT

Check cockpit for general appearance
Master and magneto switches off
Check windshield and condition of cockpit enclosure
Check flap, aileron and wing & stabilizer strut security.
Check all attachment points (bolts/fasteners)
Check leading edge for abnormal dents/condition
Check landing gear for security
Check tires, brakes and brake lines
Check prop and spinner
Check cowling
Check oil. Keep at 9 quarts. Do not fill far beyond.
Check all quick drains. (3 total on MAX, 4 on JAWS)
See manual for procedure to check strainer
Check fuel quantity and tank security
Check air filter for security
Check pitot & static tubes, remove and store cover

BEFORE OPERATION

Fasten safety belt and shoulder harness
Operate flight controls, check for freedom of movement
and proper operation
Set parking brake

STARTING ENGINE

Master on
Boost pump on
Magneto to "LEFT" position (MAX only)
Mixture full rich
COLD ENGINE – PRIME by pumping throttle a couple times
Crack throttle ½" open
Pump throttle several strokes while cranking until start
Switch magneto to "BOTH" (MAX only)
Check oil pressure, shutdown if not indicating within 30 seconds.
Alternator ON (MAX only)
Avionics ON (JAWS only), Radio ON (MAX only)
Warm up engine 1000 to 1200 RPM
Instruments in the green
Communications check

RUNUP

CONTROLS: Check again
INSTRUMENTS: Check for normal indications
GAS: Check quantities & tank selection
ATTITUDE: Check trim and flap position –
stick full back during runup
RUNUP: 1800 RPM, 125 RPM max drop each side
Check carb heat, max 200 RPM drop
Check alternator output
Idle @1000 RPM
Engine is warm enough for takeoff when the throttle can be
opened without the engine faltering.

PRE-TAKEOFF

Check fuel level, record tank in use
Record appropriate tow pass, glider # and time off
Check trim
Flaps as desired (**NO FLAPS IN HIGH XWINDS**)
Fuel pump on
Instruments in green

TAKEOFF ROLL

Announce as required
Release brakes when signaled ok to launch
Smoothly advance power for nose skid gliders
More rapid advance for higher performance gliders
Airspeed alive
Instruments in green
Hand on release (if towing)
Lift tail, apply back pressure to lift off as appropriate

Climb @65 – 70 MPH IAS, or appropriate requested speed

IN FLIGHT

Retract Flaps at safe altitude (if used) above 65 MPH, below Vfe
Lean mixture per manufacturers specifications

**BEST GLIDE/CLIMB SPEED: 75MPH (no flaps)
60 MPH (flaps)**

AFTER TOW RELEASE

Turn left, reduce power to keep just under redline
Fly straight and level 5-10 seconds, clear airspace
Nose over, target speed Va (107 MPH)
Reduce RPM's to 2200
Reduce power incrementally as you approach pattern altitude

PRE-LANDING

BOOST PUMP: Fuel pump ON
GAS: Tank and quantity, land on fullest
UNDERCARRIAGE: Hopefully down and welded
MIXTURE: Rich upon reaching Base Leg
PROP – N/A
SEATBELT: Better still be on
FLAPS as desired below Vfe (**NO FLAPS IN HIGH WINDS**)
TRIM to takeoff/land position
CLEAR airspace and runway in use
ANNOUNCE as required

LANDING

Over the fence @ 80-90 MPH
3 point or wheel landing as appropriate
DON'T BEND OUR AIRPLANE

TAXI/SHUTDOWN

Boost pump OFF
Lean mixture for TAXI
(JAWS only) Avionics master OFF
(MAX only) Radio OFF
Mixture to ICO
Master, Magneto switches OFF
Alternator OFF (MAX only)

SECURING

Re-fuel
Oil to 9 quarts
Tie down
Prop lock
Secure stick with seatbelt
Close windows
Key and log to office

**REMEMBER: YOU ARE PROVIDING A SERVICE TO
THE MEMBERSHIP. THINK SAFETY FIRST, PREVENT
SHOCK COOLING SECOND, EXPEDITIOUS TURN
AROUND THIRD. BE ON TIME, BE COURTEOUS WHEN
ASKING TO SEE TOW PASSES AND REMEMBER:**

NO TOW PASS, NO TOW. NO EXCEPTIONS.

PLEASE GOVERN YOURSELF ACCORDINGLY.