

# Piper PA28R-200 Checklist

## LAKE ELMO



### INTERIOR PREFLIGHT

Required Documents.....	On Board
Master Switch.....	Off
Avionics Master.....	Off
Landing Gear Handle.....	Down
Fuel Selector.....	Cycle
Master Switch.....	On
Fuel Quantity Gauges.....	Check
Flaps.....	Extend
Aircraft Lights.....	On/Check
Pitot Heat.....	On/Check
Stall Warning Light.....	Check
All Electrical Switches.....	Off

### EXTERIOR PREFLIGHT

<b>RIGHT WING:</b>	
Flap.....	Check
Aileron.....	Check
Nav/Anti-Collision.....	Check
Leading Edge.....	Check
Fuel Vent.....	Check
Fuel Tank Sump.....	Drain
Fuel Quantity.....	Check
Main Wheel/Strut.....	Check
Brakes.....	Check
Air Inlets.....	Clear
<b>NOSE:</b>	
Windshield.....	Check
Oil.....	6 Qts Min
Cowling.....	Check
Alternator Belt.....	Check
Propeller.....	Check
Nose Wheel/Strut.....	Check
Air Inlet.....	Check
Fuel System Sump.....	Drain
<b>LEFT WING:</b>	
Air Inlet.....	Check
Brakes.....	Check
Main Wheel/Strut.....	Check
Fuel Tank Sump.....	Drain
Fuel Quantity.....	Check
Fuel Vent.....	Check
Leading Edge.....	Check
Pitot Head.....	Check

### EXTERIOR PREFLIGHT CON'T

Nav/Anti Collision.....	Check
Aileron.....	Check
Flap.....	Check
<b>FUSELAGE/TAIL:</b>	
Antennas.....	Check
Lights.....	Check
Stabilator.....	Check
Rudder.....	Check
Baggage Door.....	Check

### BEFORE START

Preflight.....	Complete
Belts/Harnesses/Seats.....	Secure
Circuit Breakers.....	In
Avionics Master.....	Off
Fuel Selector.....	Fullest Tank

### ENGINE START

Throttle.....	½ Inch Open
Propeller.....	High RPM
Mixture.....	Idle Cut-Off
Master Switch.....	On
Aircraft Lights.....	Set
Fuel Pump.....	On
<i>*If engine is warm omit Priming Procedure (shaded area)*</i>	
Mixture (3 Seconds).....	Rich
Mixture (Positive Flow).....	Cut-Off
Brakes.....	Hold
Propeller Area.....	Clear
Starter.....	Engage
Mixture.....	Rich
Throttle.....	800-1,000 RPM
Oil Pressure.....	Check

### BEFORE TAXI

Ammeter.....	Check Positive
Flaps.....	Up
Mixture.....	Lean
Fuel Pump.....	Off
Fuel Selector.....	Switch, then Fullest
Avionics Master.....	On
Transponder.....	Set Code/ALT
Avionics.....	Set
Flight Instruments.....	Set/Check
Aircraft Lights.....	Set
Nav Lights.....	On
Brakes.....	Test

### RUN-UP

Brakes.....	Hold
Flight Controls.....	Free & Correct
Fuel Selector.....	Fullest Tank
Circuit Breakers.....	Check
Mixture.....	Rich
Throttle.....	2,000 RPM
Propeller.....	Cycle/High RPM
Magnetos.....	Check
<i>*Max drop 175 RPM, Max Diff 50 RPM*</i>	
Alternate Air.....	Check
Vacuum.....	5.0" Hg.
Oil Pressure.....	Check
Fuel Pressure.....	Check
Oil Temp.....	Check
Throttle.....	Idle Check
Throttle.....	800-1000 RPM
Mixture.....	Lean
Fuel Pump.....	On
Radios/Nav.....	Set
Magnetos.....	Both

### BEFORE TAKEOFF

Transponder.....	Set ALT
Trim.....	Set Takeoff
Flaps.....	Set
Propeller.....	High RPM
Mixture.....	Rich
Fuel Pump.....	On
Flight Instruments.....	Set
Aircraft Lights.....	Set
Cabin Door/Windows.....	Latched
Takeoff Briefing.....	Complete

### NORMAL TAKEOFF

Heading.....	Check Correct Runway
Throttle.....	Full Open
Rotate.....	60-70 MPH/51-61 KIAS

### CLIMB

Gear.....	Up
Flaps.....	Up
Climb Power.....	25"MP, 2500 RPM
Fuel Pump.....	Set

### CRUISE

Throttle.....	Set
Propeller.....	Set
Mixture.....	Set
Fuel Pump.....	Off
Aircraft Lights.....	Set

### DESCENT

Descent Power.....	Set
Fuel Pump.....	On
Mixture.....	Set
Fuel Selector.....	Fullest Tank
Approach Briefing.....	Complete

### BEFORE LANDING

Fuel Pump.....	On
Mixture.....	Rich
Propeller.....	High RPM
Throttle.....	Set
Aircraft Lights.....	Set
<b>Gear.....</b>	<b>Down &amp; Locked</b>
Flaps.....	Set
Approach Airspeed.....	90 MPH/78 KIAS

### AFTER LANDING

Flaps.....	Up
Trim.....	Set Takeoff
Aircraft Lights.....	Set
Pitot Heat.....	Off
Fuel Pump.....	Off
Mixture.....	Lean

### SHUT DOWN

Avionics Master.....	Off
Aircraft Lights.....	Set
Throttle.....	Idle
Magneto.....	Check
Mixture.....	Idle Cut-Off
Magnetos.....	Off
All Switches.....	Off
<b>Nav Lights.....</b>	<b>ON</b>
Brakes.....	Released

### Important Speeds

	MPH	KIAS
Vso.....	64	56
Vs1.....	70	61
Vr.....	65-70	56-61
Vx... Gear Down 81, Gear Up 91.....	70/71	
Vy... Gear Down 85, Gear Up 95.....	74/83	
Vfe.....	125	108
Vlo.....	125	108
Vle.....	150	130
Va (2600 lbs.).....	134	117
Vno.....	170	148
Vne.....	214	186
<b>Best Glide.....</b>	<b>105</b>	<b>91</b>
Approach.....	90	78

# Piper PA28R-200

## Emergencies & Abnormals



### Engine Fire-Start

Starter ..... Continue Cranking  
 Mixture ..... Idle Cut-Off  
 Throttle ..... Open  
 Fuel Pump ..... Off  
 Fuel Selector ..... Off

### Engine Failure-Takeoff

Airspeed ..... Maintain Safe Airspeed  
 Gear ..... Down  
 Land ..... Straight Ahead

*If Sufficient altitude has been gained attempt to restart:*

Airspeed ..... Maintain Safe Airspeed  
 Fuel Selector ..... Switch Tanks  
 Electric Fuel Pump ..... On  
 Mixture ..... Rich  
 Alternate Air ..... On  
 Emergency Gear Lever ..... Set

*If power is not restored, proceed to **POWER OFF LANDING***

### Engine Failure-In Flight

Airspeed ..... 110 MPH/95 KIAS  
 Fuel Selector ..... Switch Tanks  
 Fuel Pump ..... On  
 Mixture ..... Rich  
 Alternate Air ..... On  
 Engine Gauges ..... Check  
 Ignition ..... Both

*If power is NOT restored proceed to **POWER OFF LANDING:***

Airspeed ..... 105 MPH/91 KIAS  
 Ignition Switch ..... "L" then "R" then "BOTH"  
 Throttle & Mixture ..... Different Settings  
 Fuel Selector ..... Switch Tanks

### Power Off Landing

Airspeed ..... 105 MPH/91 KIAS  
 Place to Land ..... Locate  
 Propeller ..... Low RPM  
 Landing Assured ..... 90 MPH/78 KIAS  
 Flaps ..... Set  
 Gear ..... Set  
 Touchdown ..... Lowest Airspeed  
 Sqawk ..... 7700  
 Radios ..... Transmit

*When committed to landing:*

Ignition ..... Off  
 Master Switch ..... Off  
 Fuel Selector ..... Off  
 Mixture ..... Idle Cut-Off  
 Seatbelt ..... Secure

### Engine Fire-Flight

Magneto Switch ..... Off  
 Throttle ..... Idle  
 Mixture ..... Idle Cut-Off  
 Fuel Selector ..... Off  
 Fuel Pump ..... Off  
 Master Switch ..... Off  
 Heater/Defroster ..... Off

*Proceed to **POWER OFF LANDING***

### Electrical Fire in Flight

Master Switch ..... Off  
 Vents ..... Open  
 Cabin Heat ..... Off

*\*Land as Soon as Possible\**

### Spin Recovery

Rudder ..... Full Opposite  
 (To the direction of rotation)  
 Control Wheel ..... Neutral/Forward  
 Throttle ..... Idle  
 Rudder ..... Neutral  
 (When rotation stops)  
 Control Wheel ..... To Desired Flight Path  
 Throttle ..... Set

### Alternator Failure

Ammeter ..... Verify Failure  
 Electrical Load ..... Reduce  
 ALT Circuit Breaker ..... Check/Reset  
 Alternator Switch ..... Off 30 sec.  
 Alternator Switch ..... On  
*If Power is not restored:*  
 Alternator Switch ..... Off

*\*Land as Soon as Practical\**

*If battery is fully discharged lower gear using **EMERGENCY LANDING GEAR EXTENSION**, the position lights will not be operating*

### Propeller Overspeed

Throttle ..... Reduce  
 Oil Pressure ..... Check  
 Propeller Control ..... Full Decrease  
 Airspeed ..... Reduce  
 Throttle ..... Set  
 (below 2700 RPM)

### Alternate Landing Gear Extension

Master Switch ..... On  
 Circuit Breakers ..... Check  
 Panel/Nav Lights ..... Off (In Daytime)  
 Gear Ind. Lights ..... Check  
 Airspeed ..... Slow to 115 MPH/100 KIAS  
 Emer. Ldg. Gear Ext Handle ..... Down  
 Gear Ind. Lights ..... Check

### Emergency Descent

Throttle ..... Idle  
 Propeller ..... High RPM  
 Mixture ..... Rich  
 Gear ..... Down  
 Bank ..... 30° - 45°  
 Fuel Pump ..... On  
 Roll Out ..... 150 MPH/130 KIAS  
 or pattern altitude

### Engine Roughness

Alternate Air ..... On  
*If roughness continues after one min:*  
 Alternate Air ..... Off  
 Mixture ..... Adjust for Smoothness  
 Fuel Pump ..... On  
 Fuel Selector ..... Switch Tanks  
 Engine Gauges ..... Check  
 Magneto Switch ..... "L" then "R" then "BOTH"

*If operation is satisfactory on either one, continue on that magneto at reduced power and full "RICH" mixture to first airport. Prepare for **POWER OFF LANDING***

### Loss of Oil Pressure

*\*Land as Soon as Practical\**

*Prepare for **POWER OFF LANDING***

### Loss of Fuel Pressure

Fuel Pump ..... On  
 Fuel Selector ..... Fullest Tank

### High Oil Temperature

Mixture ..... Rich  
 Throttle ..... Reduce  
*\*Land as Soon as Practical\**

*Prepare for **POWER OFF LANDING***

### Electrical Overload

ALT Switch ..... On  
 BATT Switch ..... Off

*If Alternator Load are reduced:*

Electrical Load ..... Reduce  
 Land ..... As Soon as Practical

*If Alternator Loads are not reduced:*

ALT Switch ..... Off  
 BATT Switch ..... Off  
*\*Land as Soon as Practical\**

### Open Door

Airspeed ..... Slow to 100 MPH/89 KIAS  
 Cabin Vents ..... Close  
 Storm Window ..... Open  
 Door ..... Secure Top Latch

# Piper PA28R-200 Maneuvers

## LAKE ELMO



### Normal Takeoff

#### *\*Before Takeoff Checklist Complete\**

Throttle ..... Full  
 Engine Instruments ..... Verify Green  
 Rotate ..... 65-70 MPH/56-61 KIAS  
 Climb out:  
 Vx.....Gear Down **81/70**, Gear Up **91/79**  
 Vy.....Gear Down **85/74**, Gear Up **95/83**  
 500 ft AGL .....25" MP, 2500 RPM

### Normal Landing

#### *\*Before Landing Checklist Complete\**

Entry/Downwind .....BCGUMPS  
 Downwind -  
 MP.....15-17"  
 Airspeed .....115 MPH/100 KIAS  
 Flaps .....10°  
 Base -  
 Airspeed .....105 MPH/91 KIAS  
 Flaps .....25°  
 Final -  
 Airspeed .....90 MPH/78 KIAS  
 Flaps .....40°  
 Gear .....Check Down  
 Prop .....High RPM  
 Touchdown .....Just above stall speed

### Short Field Takeoff Obstacle Clearance

#### *\*Before Takeoff Checklist Complete\**

Flaps .....25°  
 Runway .....Use All Available  
 Brakes.....Hold  
 Throttle.....Full  
 Engine Instruments..... Verify Green  
 Brakes.....Release  
 Rotate .....60-65 MPH/52-56 KIAS  
 Climb Out ..... Vx Gear Down: 81/70  
 Clear of Obstacle .....Gear Up  
 Climb ..... Vy Gear Up: 95/83  
 Flaps .....Retract Slowly  
 500 ft AGL .....25" MP, 2500 RPM

### Short Field Takeoff No Obstacle

#### *\*Before Takeoff Checklist Complete\**

Flaps .....25°  
 Runway .....Use All Available  
 Brakes .....Hold  
 Throttle .....Full  
 Engine Instruments .....Verify Green  
 Brakes .....Release  
 Rotate .....60-65 MPH/52-56 KIAS  
 Climb Out ..... Vx Gear Down: 81/70  
 Landing Gear .....Up  
 Climb ..... Vy Gear Up: 95/83  
 Flaps .....Retract Slowly  
 500 ft AGL .....25" MP, 2500 RPM

### Short Field Landing

#### *\*Before Landing Checklist Complete\**

Entry/Downwind .....BCGUMPS  
*Approach slightly steeper than normal*  
 Downwind -  
 MP .....15-17"  
 Airspeed .....115 MPH/100 KIAS  
 Flaps .....10°  
 Base -  
 Airspeed .....105 MPH /91 KIAS  
 Flaps .....25°  
 Final -  
 Airspeed .....90 MPH/78 KIAS  
 Flaps .....40°  
 Gear .....Check Down  
 Prop .....High RPM  
 Threshold -  
 Airspeed .....As per POH  
 Touchdown .....Just above stall speed  
*Use max. foot and aerodynamic braking*

### Soft Field Takeoff

#### *\*Before Takeoff Checklist Complete\**

Flaps.....25°  
 Flight Controls.....Full Back  
 Engine Instruments.....Verify Green  
 Throttle.....Full  
 Rotate.....Min. Airspeed  
*Remain in ground effect until Vx Gear Down 81/70*  
 Landing Gear .....Up  
 Climb ..... Vy Gear Up: 95/83  
 Flaps .....Retract Slowly  
 500 ft AGL .....25" MP, 2500 RPM

### Soft Field Landing

#### *\*Before Landing Checklist Complete\**

Entry/Downwind.....BCGUMPS  
 Downwind -  
 MP .....15-17"  
 Airspeed .....115 MPH/100 KIAS  
 Flaps .....10°  
 Base -  
 Airspeed .....105 MPH/91 KIAS  
 Flaps .....25°  
 Final -  
 Airspeed .....90 MPH/78 KIAS  
 Flaps .....40°  
 Gear .....Check Down  
 Prop .....High RPM  
 Threshold -  
 Airspeed .....As per POH  
 Touchdown .....Just above stall speed  
*Keep nosewheel off ground as long as possible, holding full backpressure. Use min. wheel braking*

### Go-Around

Approach .....Not Stabilized by 100 ft  
 Go-Around .....Execute  
 Throttle .....Full  
 Flight Control .....Increase Pitch Attitude  
 Flaps .....Retract to 25°  
 Landing Gear .....UP after a positive rate of climb is established  
 Airspeed .....Accelerate to Vx or Vy before final flap retraction  
*Maintain full power until 500 ft AGL then set climb power*

### Rectangular Course

#### *Select Rectangular field for maneuver*

Clearing Turns.....Complete  
 BCGUMPS .....Complete  
 Throttle.....18"- 22" MP  
 Propeller.....2400 RPM  
 Airspeed.....125 MPH/108 KIAS  
 Altitude.....600 - 1000 ft AGL  
 Entry.....Downwind 45° ¼ -½ mi away from reference area  
 Ground Track.....Adjust for wind drift to maintain ¼ -½ mi from reference

### Turns Around a Point

#### *Select a clearly defined point i.e. 4-Way Intersection*

Clearing Turns .....Complete  
 BCGUMPS.....Complete  
 Throttle.....18" - 22" MP  
 Propeller.....2400 RPM  
 Airspeed.....125 MPH/108 KIAS  
 Altitude.....600 - 1000 ft AGL  
 Entry.....Downwind ¼ -½ mi from reference point  
 Ground Track.....Adjust for wind drift to maintain ¼ -½ mi from radius

### S -Turns Along a Road

#### *Select road perpendicular to wind*

Clearing Turns.....Complete  
 BCGUMPS .....Complete  
 Throttle.....18" - 22" MP  
 Propeller.....2400 RPM  
 Airspeed.....125 MPH/108 KIAS  
 Altitude .....600-1000 ft AGL  
 Entry.....Downwind  
 Ground Track.....Adjust for wind drift to maintain ¼ -½ mi from radius

### Slow Flight

Clearing Turns .....Complete  
 BCGUMPS.....Complete  
 Throttle.....15" MP  
 Propeller.....High RPM  
 Landing Gear.....Down  
 Flaps.....40° (in white arc)  
 Altitude.....Maintain  
 Airspeed.....Stall Light ON  
 Throttle.....18"- 22" MP  
 Bank.....Shallow Turns  
 Recovery.....Go-around procedure

### Steep Turns

Clearing Turns .....Complete  
 BCGUMPS .....Complete  
 Throttle.....18"-22" MP  
 Propeller.....2400 RPM  
 Airspeed.....125 MPH/108 KIAS  
 Bank.....45°  
 Turn .....360°either direction  
 Roll Out .....Original heading  
 Repeat .....Other direction

# Piper PA28R-200 Maneuvers

## LAKE ELMO



### Power Off-Stall

Clearing Turns	Complete
BCGUMPS	Complete
Throttle	15" MP
Propeller	High RPM
Landing Gear	Down
Flaps	40°
Stabilized Descent	Establish
Throttle	Idle
Stall	Pitch to Induce

*Recognize and recover from stall*

#### Stall Recovery:

Flight Control	Release back pressure
Throttle	Full
Flaps	Retract to 25°
Altitude	Minimal Loss
Landing Gear	Retract after a positive rate of climb
Airspeed	Accelerate to Vx or Vy before the final flap retraction

### Power-On Stall Takeoff Configuration

Clearing Turns	Complete
BCGUMPS	Complete
Throttle	15" MP
Propeller	High RPM
Landing Gear	Down
Flaps	0° - 25°
Airspeed	80 MPH/69 KIAS
Throttle	Full
Stall	Pitch to Induce

*Recognize and recover from stall.*

#### Stall Recovery:

Flight Control	Release back pressure
Throttle	Full
Altitude	Minimal Loss
Landing Gear	Retract after a positive rate of climb
Airspeed	Accelerate to Vx or Vy before the final flap retraction

### Power-On Stall Climb Configuration

Clearing Turns	Complete
BCGUMPS	Complete
Throttle	15" MP
Propeller	2500 RPM
Landing Gear	Up
Flaps	0°
Airspeed	95 MPH/83 KIAS
Throttle	25" MP
Stall	Pitch to Induce

*Recognize and recover from stall.*

#### Stall Recovery:

Flight Control	Release back pressure
Throttle	Full
Propeller	High RPM
Altitude	Minimal Loss
Airspeed	Accelerate to Vx or Vy before the final flap retraction

### Cross-Controlled Stall

Clearing Turns	Complete
BCGUMPS	Complete
Throttle	15" MP
Propeller	High RPM
Landing Gear	Down
Flaps	0° - 40°
Airspeed	82 MPH/71 KIAS
Stabilized Descent	Establish
Stall	Pitch to Induce, Cross Controls

*Recognize and recover from stall.*

#### Stall Recovery:

Flight Control	Release back pressure
Throttle	Full
Altitude	Minimal Loss
Landing Gear	Retract after a positive rate of climb
Airspeed	Accelerate to Vx or Vy before the final flap retraction

### Eights On Pylons

Reference Point	Select: 3-5 Sec. <i>(straight and level flight between pylons)</i>
Clearing Turns	Complete
BCGUMPS	Complete
Throttle	18" - 22" MP
Propeller	2400 RPM
Airspeed	125 MPH/108 KIAS
Entry	Downwind 45° at Pivotal Alt. PA= $\frac{GS \times KIAS}{11.3}$
Bank	30° - 40°

### Elevator Trim Stall

Clearing Turns	Complete
BCGUMPS	Complete
Throttle	15" MP
Propeller	2500 RPM
Landing Gear	As Specified
Flaps	0° - 40°
Airspeed	82 MPH/71 KIAS
Throttle	25" MP
Stall	Pitch to Induce, using Elevator Trim

*Recognize and recover from stall.*

#### Stall Recovery:

Flight Control	Release back pressure
Throttle	Full
Propeller	High RPM
Altitude	Minimal Loss
Landing Gear	Retract after a positive rate of climb (if down)
Airspeed	Accelerate to Vx or Vy before the final flap retraction

### Secondary Stall

Clearing Turns	Complete
BCGUMPS	Complete
Throttle	15" MP
Propeller	High RPM
Flaps	0° - 40°
Airspeed	82 MPH
Stabilized Descent	Establish
Stall	Pitch to Induce

*Recognize and recover from stall.*

#### Stall Recovery:

Flight Control	Release back pressure
Throttle	Full
Flight Control	Increase back elevator pressure to initiate as secondary stall
<i>Recognize and recover from stall.</i>	
Flight Control	Release back pressure
Throttle	Full
Altitude	Minimal Loss
Landing Gear	Retract after a positive rate of climb
Airspeed	Accelerate to Vx or Vy before the final flap retraction

### Accelerated Stall

Clearing Turns	Complete
BCGUMPS	Complete
Throttle	15" MP
Propeller	High RPM
Flaps	0°
Airspeed	82 MPH/71 KIAS
Bank	45°
Pitch	Maintain Alt. Induce Stall

*Recognize and recover from stall.*

#### Stall Recovery:

Flight Control	Release back pressure
Throttle	Full
Altitude	Minimal Loss
Airspeed	Accelerate to Vx or Vy

### Steep Spiral

Altitude	Complete (3) 360° turns
Reference Point	Select
Clearing Turns	Complete
BCGUMPS	Complete
Throttle	Idle
Propeller	High RPM
Airspeed	110 MPH/95 KIAS
Spiral	Max. Bank 60°
Entry	Downwind ½ mi from reference point
Radius	Maintain constant ½ mi
Engine	Clear once each turn on the upwind
Ground Track	Adjust for wind to maintain ½ mi radius

### Chandelles

Altitude	Min Alt. 1500 AGL
Clearing Turns	Complete
BCGUMPS	Complete
Throttle	18" - 22" MP
Propeller	High RPM
Airspeed	125 MPH/108 KIAS
0° - 90° Point	
Throttle	Full
Bank	30° Constant
Pitch	Gradually Increase
90° - 180° Point	
Bank	Gradual Rollout
Pitch	Constant
180° point	
Airspeed	.5 kts above stall
Bank	0°

# Piper PA28R-200 Maneuvers

## LAKE ELMO



### Lazy Eights

Altitude.....Min Alt 1500 AGL  
Clearing Turns.....Complete  
BCGUMPS.....Complete  
Throttle.....18" - 22" MP  
Propeller.....2400 RPM  
Airspeed.....125 MPH/108 KIAS  
*(Constant change of pitch and roll rate)*  
**45° Point**.....Max. Pitch UP, Bank 15°  
**90° Point**.....Level. Pitch, Bank 30°  
**135° Point**..... Max. Pitch DN, Bank 15°  
**180° Point**..... Level Pitch, Bank 0°  
125 MPH/108KIAS  
Entry Altitude

### Power Off 180° Landing

Place to Land.....Locate  
Enter Downwind.....1000 ft AGL  
MP.....15-17"  
Airspeed.....115 MPH/100 KIAS  
ABEAM.....Throttle Idle  
Propeller.....High RPM  
Airspeed.....105 MPH/91 KIAS  
Landing Gear..... Down  
Flaps..... Set  
Landing Assured.....90 MPH/78 KIAS  
Touchdown.....+200 ft/-0 ft

### Holding

*Begin slowing to holding speed 3 min. prior to reaching fix*  
Entry.....Select Type  
MP.....16" - 18"  
Airspeed.....125 MPH/108 KIAS  
Propeller.....2400 RPM

### Non-Precision Approach

Airspeed.....125 MPH/108 KIAS  
MP.....16" - 18"  
Propeller.....2400 RPM

### Precision Approach

Airspeed.....125 MPH/108 KIAS  
MP.....13" - 15"  
Propeller.....2400 RPM

### Missed Approach

Throttle.....Full  
Propeller.....High RPM  
Landing Gear.....Up (positive rate, below 125 MPH/108 KIAS)  
Airspeed.....125 MPH/108 KIAS  
Flaps.....Retract  
500 ft AGL.....25"MP, 2500 RPM