



**M20R**  
OVATION



NORMAL PROCEDURES



### **SPEEDS FOR NORMAL OPERATION**

Unless otherwise noted, the following speeds are based on a weight of 3368 pounds and may be used for any lesser weight. However, to achieve the performance the speed appropriate to the particular weight must be used.

#### **TAKEOFF:**

Normal Climb Out	80-90 KIAS
Short Field Takeoff, Speed At 50 Ft.	75 KIAS

#### **ENROUTE CLIMB, GEAR and FLAPS UP:**

Best Rate of Climb	105 KIAS
Best Angle of Climb	85 KIAS

#### **LANDING APPROACH (3200 lbs.):**

Normal Approach, Flaps 10 degrees	80 KIAS
Normal Approach, Flaps 33 degrees	75 KIAS
Short Field Approach, Flaps 33 degrees	70 KIAS

#### **BALKED LANDING (3200 lbs.):**

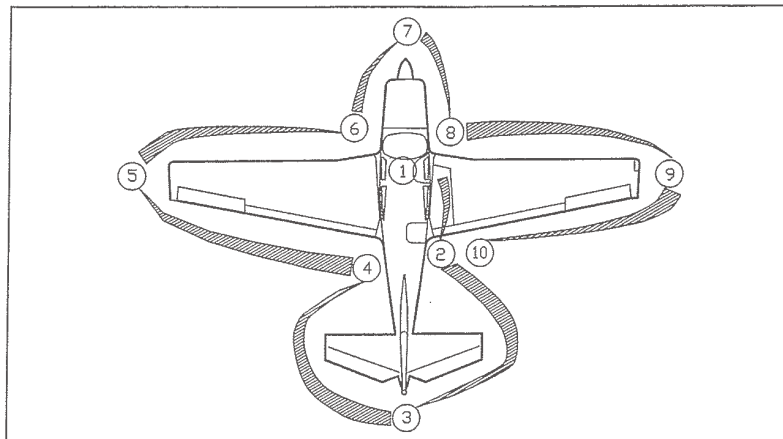
Maximum Power, Flaps 10 degrees	85 KIAS
---------------------------------	---------

#### **MAXIMUM RECOMMENDED TURBULENT AIR PENETRATION SPEED:**

3368 lbs./1528 Kgs	127 KIAS
3200 lbs./1452 Kgs	123 KIAS
2900 lbs./1315 Kgs	117 KIAS
2600 lbs./1179 Kgs	111 KIAS
2400 lbs./1089 Kgs	106 KIAS

#### **DEMONSTRATED CROSSWIND VELOCITY:**

Takeoff or Landing	13 Knots
(This is NOT A LIMITATION, only a demonstrated number)	
(See CROSSWIND COMPONENT CHART, SECTION V)	



## PREFLIGHT INSPECTION

1. Cockpit -	
Gear Switch	DOWN
Magneto/Starter Switch	OFF
All Rocker Switches	OFF
Master Switch	ON
All Circuit Breakers	IN
Battery Select Switch	SELECT from 1 to 2 or 2 to 1.
	CHECK Voltmeter after each selection. Leave on Battery with highest voltage.
Internal/External Lights	CHECK operation
	(Check for ammeter fluctuations as each light is checked)
Pitot Heat Switch	ON
	(Check Pitot Heat annunciator light illuminated BLUE *)
Fuel Quantity Gauges	CHECK QTY
Fuel Selector	
	It is recommended that wing tank sumps be drained prior to draining gascolator.
	Rt. Tank: Pull Gascolator ring (5 seconds)
	Lt. Tank: Pull Gascolator ring (5 seconds)
Oxygen Supply Control Knob (if installed)	OFF
Oxygen Pressure Gauge	CHECK

Also check that face masks and hoses are accessible and in good condition.

2. Right Fuselage/Tailcone	
Oxygen Filler Access Door and Filler Cap	SECURED
Battery # 2 Access Panel	SECURED
Instrument Static Pressure Port	UNOBSTRUCTED
General Skin Condition	INSPECT
Tailcone/Empennage Access Panel	SECURED
Tail tiedown rope/chain	REMOVE
3. Empennage	
Elevator and rudder attach points and control linkage attachments	INSPECT
Empennage Freeplay-Vertical/Horizontal	INSPECT
General skin condition	INSPECT
	Remove ice, snow, or frost.

\* If TKS system is installed, pitot heat annunciator will illuminate AMBER when switch is ON and Pitot Heat has failed. Annunciator will not be illuminated when switch is ON and system is operating properly.



4. Left Fuselage/Tailcone		
Cabin Fresh Air Vent (Dorsal Fin)		UNOBSTRUCTED
Tailcone/Empennage Access Panel		SECURED
Instrument Static Pressure Port		UNOBSTRUCTED
Avionics/Battery # 1 Access Panel		SECURED
Auxiliary Power Plug Access Door		SECURED
Static System Drain	PUSH Plunger UP, (Hold 3-5 Seconds)	
General Skin Condition		INSPECT
5. Left Wing		
General Skin Condition	INSPECT-Remove ice, snow, or frost.	
Wing Flap & attach points		INSPECT
Aileron & attach points		INSPECT
Control linkages		INSPECT
Wing Tip, Lights and Lens		INSPECT
Fuel Tank Vent		UNOBSTRUCTED
Pitot Tube		UNOBSTRUCTED/SECURED (Heat element Operative)
Landing/Taxi Lights		INSPECT Lens & Bulbs
Stall Switch Vane		CHECK operation
Fuel Tank	CHECK QUANTITY/SECURE CAP	

**| NOTE |**

The optional visual fuel quantity gauge is to be use for partial refueling purposes only; DO NOT use for preflight quantity check.

Tiedown rope/chain	REMOVE
Wheel chock	REMOVE
Left Main Landing Gear, shock discs, tire & doors	INSPECT
Fuel Tank Sump Drain	DRAIN
Use sampler cup to VERIFY fuel is free of water, sediment & other contamination; VERIFY proper fuel (BLUE/100LL)(GREEN/100 octane).	

**~CAUTION~**

Some diesel may be BLUE, Verify by smell and feel that 100LL is being used.

VERIFY drain closes and does not leak.	
Pitot System Drain	PUSH plunger UP, (Hold for 3-5 seconds)
6. Left Cowl Area	
Windshield	CLEAN
Cabin Air Inlet	UNOBSTRUCTED
Left Side Engine Cowl Fasteners	SECURED
Exhaust Pipes	INSPECT SECURED
Engine Oil Filler Door	OPEN & INSPECT AREA

**| NOTE |**

The engine compartment must be free of foreign objects which could result in possible over heating and serious damage to the engine.

Engine Oil	CHECK QUANTITY 8 Qts. (7.57 l)
Engine Oil Filler Door	CLOSE & SECURE
Cooling Air Inlet	Verify UNOBSTRUCTED
7. Propeller/Spinner & Front Cowl Area	
Propeller/Spinner	INSPECT for nicks, cracks, oil leaks/rotational movement.
Prop De-Ice Boots (if installed)	INSPECT condition
Induction Air Inlet/Filter	UNOBSTRUCTED
Nose gear, shock discs, tire & doors	INSPECT
Wheel chock	REMOVE



8. Right Cowl Area		
Right Side Engine Cowl Fasteners		SECURED
Cooling Air Inlet	Verify	UNOBSTRUCTED
Windshield		CLEAN
Cabin Air Inlet		UNOBSTRUCTED

#### 9. Right Wing

Fuel Tank Sump Drain		DRAIN
Use sampler cup to VERIFY fuel is free of water, sediment & other contamination.		
	VERIFY proper fuel (BLUE/100LL) (GREEN/100 octane).	
SEE CAUTION on diesel fuel on previous page		
	VERIFY drain closes and does not leak.	

Right main gear, shock discs, tire & doors		INSPECT
Wheel chock		REMOVE
General Skin Condition	INSPECT	Remove ice, snow and frost.
Fuel Tank	CHECK QUANTITY/SECURE CAP	

#### NOTE

The optional visual fuel quantity gauge is to be use for partial refueling purposes only; DO NOT use for preflight quantity check.

Tiedown rope/chain		REMOVE
Fuel Tank vent		UNOBSTRUCTED
Landing/Taxi Lights	INSPECT	Lens & Bulbs
Wing tip, lights and lens		INSPECT
Aileron and attach points		INSPECT
Wing Flap and attach points		INSPECT
Control linkages		INSPECT

10. Baggage Door Area		
Baggage Door	VERIFY SECURED	
	(VERIFY inside handle is properly secured)	
	(CHECK outside handle operation)	

RETURN TO COCKPIT — MASTER/ROCKER SWITCHES . . . . . OFF

#### BEFORE STARTING CHECK

Preflight Inspection		COMPLETED
Seats, Seat Belts/Shoulder Harness (1 occupant per restraint)	ADJUST & SECURED	
Magneto/Starter Switch		OFF
Master Switch		OFF
Alternator Field Switch		OFF
Radio Master Switch		OFF
Fuel Boost Pump Switches		OFF
Directional Gyro (slave/free switch).	SLAVED (If installed)	
Circuit Breakers	CHECK - ALL IN	
ELT Switch	ARMED	
Rocker Switches	OFF	
Alternate Static Source	Push OFF	
Throttle	CLOSED	
Propeller	FULL FORWARD (HIGH RPM)	
Mixture	IDLE CUT-OFF	
Parking Brakes	SET	
Wing Flap Switch	FLAPS UP	
Defrost	PUSH OFF	
Cabin Heat	PUSH OFF	
Cabin Vent	AS DESIRED	
Fuel Selector	FULLEST TANK	
All Rocker Switches	OFF	
Landing Gear Switch	DOWN POSITION	

RED Emergency Gear Extension Handle	DOWN AND LATCHED
Internal Lights	OFF
Passenger Briefing	COMPLETED
(Emergency and general information briefing)	

Obtain local information prior to engine start.

## ENGINE START

~ ~ ~ ~ ~  
~ CAUTION ~  
~ ~ ~ ~ ~

When either battery voltage is low, inspection should be conducted to determine condition of battery and/or reason for battery being low. Replacement or servicing of batteries is essential and charging for at least one hour should be done before engine is started. Batteries must be serviceable and IT IS RECOMMENDED THAT BATTERIES BE FULLY CHARGED TO OPERATE AIRCRAFT. Electrical components may also be damaged if aircraft is operated when batteries are low.

### | NOTE |

When starting engine using the approved external power source, no special starting procedure is necessary. Use normal starting procedures below. **DO NOT START ENGINE IF BOTH BATTERIES ARE INCAPABLE OF STARTING ENGINE.** Recharge dead batteries for at least one hour (at 3-4 amps) before starting engine. Only No. 1 battery (left side of tailcone) is connected to the Auxiliary Power plug.

Before Starting Checklist	COMPLETED
Throttle	FULL OPEN
Propeller	FULL FWD (High RPM)
Mixture	Full Forward (RICH)
Master Switch	ON
Alternator Field Switch	ON
Annunciator Lights	PRESS TO TEST (All lights should illuminate)
Low Fuel Boost Pump Switch	ON during engine starting sequence

~ ~ ~ ~ ~  
~ CAUTION ~  
~ ~ ~ ~ ~

For engine operation at outside air temperatures below -25° C (-13°F), the engine and engine oil should be preheated to at least -25° C (-13°F) before the engine is started.

Throttle	IDLE POSITION
Propeller Area	CLEAR
Magneto/Starter Switch	TURN & PUSH to START, release to BOTH when engine starts.
If No. 1 battery will not start engine	SELECT No. 2 battery

### | NOTE |

**COLD ENGINE START** - Low fuel boost pump ON during "Start" sequence. Turn low fuel boost pump OFF when engine obtains smooth operation.

### | NOTE |

"START POWER" warning light should illuminate when Magneto/Starter switch is in "START" position.

### | NOTE |

Cranking should be limited to 30 seconds, and several minutes allowed between cranking periods to permit the starter to cool.



Throttle	IDLE 600 - 700 RPM
* Engine Oil Pressure	CHECK in GREEN ARC
	If minimum oil pressure (10 PSI) is not indicated within 30 seconds,
	accomplish engine shutdown procedures.
Low Fuel Boost Pump Switch	OFF
* Ammeter	CHECK
	Turn LDG LT ON & observe Negative movement of needle.
* Interior/Exterior Lights	AS DESIRED
* Engine Instruments	CHECKED
* Fuel Flow Indicator	TEST/RESET (if desired)
* Throttle	900/1000 RPM
* Mixture	ADJUST FOR SMOOTH OPERATION

~~~~~  
~ CAUTION ~  
~~~~~

Do not operate engine above 1000 RPM unless oil temperature is 75° F (24°C) minimum. Operation of engine above 1000 RPM at temperatures below 75° F (24°C) may damage engine.

### FLOODED ENGINE START

Throttle	1/2 OPEN
Mixture	IDLE CUTOFF
Low Fuel Boost Pump Switch	ON - 8 - 10 SECONDS THEN OFF
Magneto/Starter Switch	TURN & PUSH TO START
	release to BOTH when engine starts.
Mixture	Slowly advance toward RICH until engine starts
Throttle	IDLE 600 - 700 RPM
SEE ENGINE START PROCEDURES ABOVE * FOR REMAINING SEQUENCES.	

### WARM ENGINE START

Throttle	1/2 to 1 inch OPEN
Mixture	Full Forward (RICH)
Low Fuel Boost Pump Switch	ON - (TO CLEAR FUEL VAPORS)
Low Fuel Boost Pump Switch	OFF
Magneto/Starter Switch	WITHIN 1-2 SECONDS, TURN & PUSH TO START
	release to BOTH when engine starts.
Throttle	IDLE 600 - 700 RPM
SEE ENGINE START PROCEDURES ABOVE * FOR REMAINING SEQUENCES.	

### HOT ENGINE START

Throttle	FULL OPEN
Mixture	IDLE CUT-OFF
Boost Pump	HIGH for 5 sec. or LOW for 15 sec.
Boost Pump	OFF
Throttle	IDLE POSITION
Mixture	Full Forward (RICH)
Magneto/Starter Switch	TURN & PUSH TO START
	release to BOTH when engine starts.
Throttle	IDLE 600 - 700 RPM
SEE ENGINE START PROCEDURES ABOVE * FOR REMAINING SEQUENCES.	

### BEFORE TAXI

Engine Start Checklist	COMPLETED
Radio Master Switch	ON
Elevator Trim Switch	ON
Internal/External Lights	As Desired
Directional Gyro	SET or Slave switch ON
Stand-by Vacuum Pump Operational Check	
Stand-by vacuum operational indicator red button - VISIBLE	
STBY VAC Switch	ON



**BEFORE TAXI (con't.)**

Stand-by vacuum operational indicator red button - NOT VISIBLE	
STBY VAC Switch	OFF
Instruments	Normal Operation
Radios	CHECKED and SET
Altimeter	SET
Fuel Selector	SWITCH TANKS verify engine runs on other tank
Cabin Heat	AS DESIRED
Defroster	AS DESIRED
Cabin Vent	AS DESIRED
Optional Equipment Checks	Reference SECTION IX.

**TAXI**

Before Taxi Checklist	COMPLETED
Rudder Trim	AS DESIRED

~ ~ ~ ~ ~  
~ CAUTION ~  
~ ~ ~ ~ ~

With rudder trim in the full right position, the aircraft will tend to steer to the right during taxi.

Parking brake	RELEASE
Brakes	CHECK during TAXI
Directional Gyro	Proper indication during turns
Turn Coordinator	Proper indication during turns
Artificial Horizon	ERECT during turns
Throttle	Minimum power
Propeller	Full Forward (HIGH RPM)

~ ~ ~ ~ ~  
~ CAUTION ~  
~ ~ ~ ~ ~

To prevent battery depletion in prolonged taxi or holding position before takeoff, increase RPM until "AMMETER" indicates positive charge.

**BEFORE TAKEOFF**

Taxi Checklist	COMPLETED
Parking Brake	SET
Fuel Selector	FULLEST TANK
Throttle	1000 RPM
Propeller	HIGH RPM
Mixture	FULL FORWARD
Alternate Air	Verify CLOSED
Alternator Field Switch	Verify ON
Throttle	2000 RPM
Magneto Switch	CHECK - BOTH to L, BOTH to R, BOTH
	Verify engine operates smoothly on each magneto separately. (150 RPM MAX drop on each magneto, 50 RPM MAX difference)

**NOTE**

An absence of RPM drop may be an indication of faulty magneto grounding or improper timing. If there is doubt concerning ignition system operation, RPM checks at a leaner mixture setting or higher engine speed will usually confirm whether a deficiency exists.

Propeller	CYCLE/Return to high RPM
Ammeter	CHECK Positive Charge Indication
Throttle	RETARD to 1000 RPM
Low Fuel Boost Pump Switch	ON-Verify annunciator light will illuminate BLUE
Low Fuel Boost Pump Switch	OFF



Elevator Trim	TAKEOFF SETTING
Rudder Trim	TAKEOFF SETTING
Wing Flaps	CHECK operation.
SET AT TAKEOFF position	
Flight Controls	CHECK free and correct movement
Cabin Door	CHECK SECURED
Seats, Seat Belts and Shoulder Harness	SECURED
Avionics and Auto Pilot	CHECK
Annunciator Lights	CHECK
Internal/External Lights	AS DESIRED
Strobe Lights/Rotating Beacon	ON
Pilots Window	CLOSED
Emergency Gear Extension Handle	DOWN & LATCHED
Oil Temperature	75°F minimum
CHT	250°F minimum
Parking Brake	RELEASE

## TAKEOFF

Proper engine operation should be checked early in the takeoff roll. Any significant indication of rough or sluggish engine response is reason to discontinue takeoff. When takeoff must be made over a gravel surface, it is important that the throttle be applied **SLOWLY**. This will allow the aircraft to start rolling before high RPM is developed, and gravel or loose material will be blown back from the propeller area instead of being pulled into it.

### TAKEOFF (NORMAL)

Power	FULL THROTTLE (2500 RPM)
Annunciator	CHECK
Engine Instruments	CHECK for proper indications
Lift Off/Climb Speed	CHECK
Landing Gear	RETRACT IN CLIMB after clearing obstacles.
Wing Flaps	UP

## NOTE

If maximum performance takeoffs are desired obtain full power before brake release.

## CLIMB

### CLIMB (CRUISE)

Power	2500 RPM
Manifold Pressure	24 Inches
Mixture	FULL RICH or BLUE ARC on EGT
Rudder Trim	As Desired
Airspeed	120 KIAS

### CLIMB (BEST RATE)(V<sub>y</sub>)

Power	FULL THROTTLE /2500 RPM
Mixture	FULL RICH or BLUE ARC on EGT
Rudder Trim	As Desired
Airspeed	105 KIAS



Power	.....	FULL THROTTLE/2500 RPM
Mixture	.....	FULL RICH
Rudder Trim	.....	As Desired
Airspeed	.....	85 KIAS

Leaning may be required during CLIMB depending on atmospheric conditions.

**CRUISE**

**[ NOTE ]**

Use recommended engine break-in procedures as published by engine manufacturer.

Airspeed	.....	ACCELERATE to cruise airspeed
Throttle	.....	SELECTED SETTING
(Ref. CRUISE PERFORMANCE CHARTS in SECTION 5)		

**[ NOTE ]**

Prolonged climbs to high cruise altitudes during hot weather operations may result in some fuel flow fluctuations as throttle is reduced. If fluctuations occur, turn Low Boost Pump Switch ON until cooling has alleviated fluctuations.

Propeller	.....	Set RPM to selected setting
Mixture	.....	LEAN TO 50°F rich of PEAK EGT

**[ NOTE ]**

Cruise operation at BEST POWER will result in a substantial increase in fuel flow, greatly decreasing range and endurance;

Engine instruments	.....	CHECK
--------------------	-------	-------

**[ NOTE ]**

Careful leaning of mixture control will result in best fuel efficiency. This requires operating at proper EGT. Failure to do so will result in excessive fuel burn. After leveling off at cruise altitude, Slowly lean Mixture until EGT reaches peak value. Enrichen to 50°F rich of peak EGT for best power (50°F lean of peak is best economy); careful adjustments are necessary for accurate setting. Changes in altitude or power MAY REQUIRE readjustment of EGT.

Engine temperatures	.....	STABILIZE at cruise condition.
Rudder Trim	.....	As Desired

When increasing power, always return mixture to full rich, then increase RPM before increasing manifold pressure; when decreasing power, decrease manifold pressure before reducing RPM. Always stay within the established operating limits, and always operate the controls slowly and smoothly.

**FUEL TANK SELECTION**

Low Fuel Boost Pump Switch	.....	ON
Fuel Selector	.....	OPPOSITE TANK
Low Fuel Boost Pump Switch	.....	OFF



## OXYGEN SYSTEM

(OPTIONAL EQUIPMENT)

/////////////////  
// WARNING //  
/////////////////

Greasy lipsticks and waxed mustaches have been known to ignite spontaneously inside oxygen masks. Passengers should be suitably advised prior to flight.

For safety reasons NO SMOKING should be allowed in the airplane while oxygen is being used.

When ready to use the oxygen system, proceed as follows:

Mask and Hose	Adjust mask to face and adjust metallic nose strap for snug mask fit.	SELECT - either MIC or STD
Delivery Hose	PLUG INTO OUTLET assigned to that seat.	

### NOTE

When the oxygen system is turned ON, oxygen will flow continuously at the appropriate rate of flow for the altitude without any manual adjustments.

Oxygen Supply Control Knob	ON.
Face Mask Hose Flow Indicator	CHECK
Delivery Hose	Oxygen is flowing if the indicator is being forced toward the mask. UNPLUG from outlet when discontinuing use of oxygen. This automatically stops flow of oxygen from that outlet.
Oxygen Supply Control Knob	OFF - when oxygen is no longer required.

/////////////////  
// WARNING //  
/////////////////

Proper oxygen flow is critical to pilot/passenger safety, especially at altitudes above 20,000 ft. MSL. It is important to closely monitor the face mask hose flow indicator to ensure oxygen is constantly flowing to the mask. A GREEN indication on the flow indicator denotes proper oxygen flow. Always place the flow indicator in a position where it is in the normal scan area of the cockpit.

## DESCENT

### NOTE

Avoid extended descents at low manifold pressure setting, as engine can cool excessively and may not accelerate satisfactorily when power is re-applied.

### NORMAL DESCENT - GEAR UP

Seats, Seat Belts/Shoulder Harness	ADJUST AND SECURE
Wing Flaps	UP
Landing Gear	UP
Throttle	CHT in Green
Propeller	2400 RPM
Mixture	Peak EGT (Monitor as descent progresses)
Cylinder Head Temperature (CHT)	MONITOR [250° F (121° C) minimum]
Airspeed	AS DESIRED (196 KIAS max.)
Rudder Trim	AS DESIRED



**| NOTE |**

Plan descents to arrive at pattern altitude on downwind leg for maximum fuel efficiency and minimum aircraft noise.

**~ CAUTION ~**

DO NOT fly in YELLOW ARC speed range unless the air is smooth.

**NORMAL DESCENT - GEAR DOWN**

Seats, Seat Belts/Shoulder Harness	ADJUST AND SECURE
Wing Flaps	UP
Airspeed	DECELERATE to 140 KIAS
Landing Gear	DOWN
Throttle	Keep CHT in Green Arc
Propeller	2400 RPM
Mixture	Peak EGT (Monitor as descent progresses)
Cylinder Head Temperature (CHT)	Monitor (250° F (121° C) min)
Airspeed	165 KIAS or LESS.

**| NOTE |**

Using landing gear as a descent aid will result in a steeper descent rate (greater altitude loss per horizontal distance traveled).

**APPROACH FOR LANDING**

**~ CAUTION ~**

The airplane must be within allowable weight and balance envelope for landing. It will require a minimum of one hour of flight before a permissible landing weight is attained when takeoffs are made at maximum gross weight. If landing at a weight exceeding maximum landing weight (3200 Lbs.)(1452 Kgs.)

Seats, Seat Belts/Shoulder Harness	ADJUST AND SECURE
Internal/External lights	AS DESIRED
Landing Gear	EXTEND below 140 KIAS
	(Check Gear Down light ON-Check visual indicator)
Mixture	FULL RICH (on final)
Propeller	HIGH RPM (on final)
Fuel Boost Pump Switches	OFF
Fuel Selector	FULLEST TANK
Wing Flaps	T/O POSITION
	(FULL DOWN below 110 KIAS)

**~ CAUTION ~**

To minimize control wheel forces when entering landing configuration, timely nose-up trimming is recommended to counteract nose down pitching moment caused by reduction of power and/or extension of flaps.

Elevator Trim	AS DESIRED
Rudder Trim	AS DESIRED
Parking Brake	VERIFY OFF

**| NOTE |**

The parking brake should be rechecked to preclude partially applied brakes during touchdown.



**GO AROUND (BALKED LANDING)**

~ ~ ~ ~ ~  
~ CAUTION ~  
~ ~ ~ ~ ~

To minimize control wheel forces during GO-AROUND, timely nose-down trimming is recommended to counteract nose up pitching moment as power is increased and/or flaps are retracted.

Power	.....	FULL FORWARD/2500 RPM)
Mixture	.....	Verify FULL RICH
Fuel Boost Pump Switches	.....	OFF
Wing Flaps	.....	TAKEOFF POSITION (10°)
Trim	.....	(After POSITIVE climb established)
Airspeed	.....	NOSE DOWN to reduce forces
Landing Gear	.....	85 KIAS
Wing Flaps	.....	RETRACT
Airspeed	.....	RETRACT
		105 KIAS

**LANDING**

**LANDING (NORMAL)**

Approach for Landing Checklist	.....	COMPLETED
Approach Airspeed	.....	CHECK
Touchdown	.....	MAIN WHEELS FIRST (aligned w/ runway)
Landing Roll	.....	LOWER nose wheel gently
Brakes	.....	MINIMUM required

---  
NOTE

If maximum performance landings are desired, use above procedures except, reduce approach airspeed to 70 KIAS (flaps full down) and apply maximum braking (without skidding tires) during rollout.

---  
NOTE

Crosswind landings should be accomplished by using above procedures except maintain approach speed appropriate for wind conditions. Allow aircraft to crab until the landing flare. Accomplish touchdown in a slight wing low sideslip (low wing into wind) and aircraft aligned with runway. During landing roll, position flight controls to counteract crosswind.

~ ~ ~ ~ ~  
~ CAUTION ~  
~ ~ ~ ~ ~

Landing gear may retract during landing roll if landing gear switch is placed in the UP position.

**TAXI AFTER LANDING**

Throttle	.....	AS REQUIRED
Fuel Boost Pump Switches	.....	OFF
Wing Flaps	.....	RETRACT
Elevator Trim	.....	TAKEOFF SETTING
Avionics/Radios	.....	AS REQUIRED
Interior/Exterior Lights	.....	AS DESIRED

[illegible]

Magneto/Starter Switch	VERIFY OFF/ Key removed
Master Switch	VERIFY OFF
Radio Master Switch	Verify OFF
Electrical Switches	Verify OFF
Interior Light Switches	VERIFY OFF
Parking Brake	RELEASE - INSTALL WHEEL CHOCKS
<b>Extended parking</b>	<b>CONTROL WHEEL SECURED</b>
	with seat belts, cabin vents closed;
Cabin Windows and Doors	CLOSED AND LOCKED

© 2000 by the American Psychological Association. All rights reserved.