## PIPER SEMINOLE

BEFORE START	
Preflight	COMPLETE
Passenger Briefing	COMPLETE
Seats/Seatbelts	ADJUSTED/FASTEN
Circuit Breakers	IN
Radio Master	OFF
Fuel Selectors	ON
Trim	SET
Cowl Flaps	OPEN
Carb Heat	OFF
Gear Lever	DOWN
Cabin air/Heater	OFF(CENTER)
Master	ON
Alternators	ON
Day/Night	AS REQUIRED
Fin Strobe (Beacon)	DOWN/ON
Nav Lights (Night)	ON
STARTING ENGINES	S
Aux Fuel Pumps	ALL ON
Magnetos	ALL ON
Mixture	FULL RICH
Props	FULL FORWARD
Throttles	1/4 INCH OPEN
Prime	AS NEEDED
Prop Area	CLEAR
Starter	ENGAGE
Throttle	1000 RPM

Oil Pressure	CHECK	
Gyro Suction	CHECK	
-Repeat checklist for 2nd Engine-		

#### **BEFORE TAXIING**

Radio Master	ON
PFD	ON
Autopilot/Trim Master	ON
Wing Flaps	UP
Aux Fuel Pumps	OFF THEN ON
(Check Fue	el Pressure)
Weather	OBTAIN
Altimeter	SET
Cabin Air	AS REQUIRED
Throttles	AS REQUIRED
Brakes	CHECK
Flight Instruments	CHECK
Taxi Light	ON
Strobe Light	ON (DAY ONLY)
Hotspots/Taxi Route	BRIEF

Reference	Thrust Flight	
BEFORE TAKEOFF		
Brakes	HOLD	
Com Frequencies	SET	
Flight Instruments	CHECK AND SET	
Fuel	STATE QUANTITY	
Mixtures	FULL FORWARD	
Props	FULL FORWARD	
Throttles	1500 RPMS	
Feather Check	<500 RPM DROP	
Throttles	2000 RPM	
Props	1900 RPM	
Throttles	INCREASE 1" MP	
Props	VERIFY 1900 RPM	
Prop Contols	FULL FORWARD	
Carb Heat	CHECK	
Magnetos	CHECK	
175 rpm max dro	p, 50 rpm max diff	
Alternator Output	CHEĊK	
Gyro Suction	4.8 TO 5.2	
Engine Instruments	CHECK	
Throttles	1000 RPM	
Flight Controls	FREE AND CORRECT	
Fuel Selectors	ON	
Cowl Flaps	OPEN	
Carb Heat	OFF	
Quadrant Friction	SET	
Mixtures	SET	
Props	FULL	
Annunciator Panel	TEST	
HSI	SET	
Autopilot	CHECK	
Trim	SET	
Aux Fuel Pumps	ON	
All Exterior Lights	ON	
Seatbelts	SECURE	
Door	LATCHED	
Window	CLOSED	
EMERGENCY BRIEF		
On the Runway		
	Remaining, Gear down	
	, Below TPA, Gear up	
Above TPA		
TAKEOFF		
Flaps		
Mixtures	SET FOR FIELD ELEVATION	
Throttle	FULL 2700 RPM	
Engine Instruments	CHECK	
Rotate	75 KIAS	

Aircraft Quick

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# PIPER SEMINOLE

BEFORE STARTPreflightCOMPLETEPassenger BriefingCOMPLETESeats/SeatbeltsADJUSTED/FASTENCircuit BreakersINRadio MasterOFFFuel SelectorsON
Passenger BriefingCOMPLETESeats/SeatbeltsADJUSTED/FASTENCircuit BreakersINRadio MasterOFF
Seats/SeatbeltsADJUSTED/FASTENCircuit BreakersINRadio MasterOFF
Circuit Breakers IN Radio Master OFF
Radio Master OFF
Trim SET
Cowl Flaps OPEN
Carb Heat OFF
Gear Lever DOWN
Cabin air/Heater OFF(CENTER)
Master ON
Alternators ON
Day/Night AS REQUIRED
Fin Strobe (Beacon) DOWN/ON
Nav Lights (Night) ON
STARTING ENGINES
Aux Fuel Pumps ALL ON
Magnetos ALL ON
Mixture FULL RICH
Props FULL FORWARD
Throttles 1/4 INCH OPEN
Prime AS NEEDED
Prop Area CLEAR
Starter ENGAGE
Throttle 1000 RPM
Oil Pressure CHECK
Gyro Suction CHECK
-Repeat checklist for 2nd Engine-
BEFORE TAXIING
Radio Master ON
PFD ON
Autopilot/Trim Master ON
Wing Flaps UP
Aux Fuel Pumps OFF THEN ON
(Check Fuel Pressure)
Weather OBTAIN
Altimeter SET
Cabin Air AS REQUIRED
Throttles AS REQUIRED
Brakes CHECK
Flight Instruments CHECK
Taxi Light ON
Strobe Light ON (DAY ONLY)
Hotspots/Taxi Route BRIEF

Quick	$\sim$
10000	THRUST FL
rence	

Aircraft

Aircraft Quick Reference	<b>T E</b>
<b>BEFORE TAKEOFF</b>	
Brakes	HOLD
Com Frequencies	SET
Flight Instruments	CHECK AND SET
Fuel	STATE QUANTITY
Mixtures	FULL FORWARD
Props	FULL FORWARD
Throttles	1500 RPMS
Feather Check	<500 RPM DROP
Throttles	2000 RPM
Props	1900 RPM
Throttles	INCREASE 1" MP
Props	VERIFY 1900 RPM
Prop Contols	FULL FORWARD
Carb Heat	CHECK
Magnetos	CHECK
_	p, 50 rpm max diff
Alternator Output	CHECK
Gyro Suction	4.8 TO 5.2
Engine Instruments	CHECK
Throttles	1000 RPM
Flight Controls	FREE AND CORRECT
Fuel Selectors	ON
Cowl Flaps	OPEN
Carb Heat	OFF
Quadrant Friction	SET
Mixtures	SET
Props	FULL
Annunciator Panel	TEST
HSI	SET
Autopilot	CHECK
Trim	SET
Aux Fuel Pumps	ON
All Exterior Lights	ON
Seatbelts	SECURE
Door	LATCHED
Window	CLOSED
EMERGENCY BRIEF	
On the Runway	
After Liftoff, Runway	Remaining
No runway remaining	_
Above TPA	
TAKEOFF	
Flaps	UP
Mixtures	SET FOR FIELD ELEVATION
Throttle	FULL 2700 RPM
Engine Instruments	CHECK
Rotate	75 KIAS
Notate	

## **PIPER SEMINOLE**

AFTER TAKEOFF		BEFORE LANDIN
After Positive	Rate of Climb:	GAS (Fuel Selectors
Brakes	APPLY MOMENTARILY	Pilot Flying
Landing Gear	RETRACT	<b>U</b> ndercarriage
Red Gear Unsafe Lgt	OFF	- 3 Green, 1 in the
Best Angle Climb	82	- No gear warning I
Best Rate Climb	88	- Request verification
CRUISE CLIMB		Pilot Monitoring
Power	25"MP & 2500 RPM	Mixtures
Airspeed	90 to 105 KIAS	
Mixtures	ADJUST AS NEEDED	Propellers
Cowl Flaps	AS REQUIRED	
CRUISE		Seat Belts
Cruise Power - 20" to	23" MP & 2300 RPM	
Prop RPM	SET	Switches (Landing
Mixtures	AS REQUIRED	Taxi Lights)
Cowl Flaps	AS REQUIRED	Flaps (As Required
Trim Tabs	ADJUST	Final Approach Spee
Aux Fuel Pumps	OFF	Short Final
Ldg and Taxi Lights	OFF	AFTER LANDING
Nav Lights (Day Only)	OFF	Radio
FUEL	STATE QUANTITY	Flaps
PRE-MANEUVER		Landing Light
Aux Fuel Pumps	ON	Strobes (Night Only
Fuel Selectors	ON	Cowl Flaps
FUEL	STATE QUANTITY	Carb Heat
Ldg and Taxi Lights	ON	Mixture
Area	CLEAR	Aux Fuel Pumps
Mixtures	RICH	Heater (If used)
Power and RPM	SET	SHUT DOWN
DESCENT		Transponder
Mixtures	ADJUST	All Lights
Throttles	ADJUST	Interior Lights
Cowl Flaps Close if fu	Ill stop or long descent	Radio Master
		PFD
		Autopilot
		Trim Master
		Aux Fuel Pumps
		Throttles
		Props
		Mixtures
		Magnetos
		Batt and Alternator
		Hobbs/Tach Time
		Control Lock
		Cabin Door
Vr 75   Vx 82	Vxse 82   Vy 88   Vyse 8	
	/le 140   Vir 109   Vno 169	

Control Lock	INSTALL
Cabin Door	CLOSE/LOCK
8   Vs0 55    Vs1 🤅	57   Vmc 56   Vsse 82
Vne 202	Version 1.1
	Cabin Door 8   Vs0 55    Vs1 ÷

This abbreviated checklist does not supersede any official regulations, procedures or documents

#### G s & Aux Pumps) ON DOWN <140 KIAS Mirror horn ion from Pilot Monitoring VERBALLY CONFIRM GRADUALLY FULL RICH SYNC AND FULL FORWARD (FINAL) SECURE <sup>, &</sup> ON d) **BELOW 111** 75 KIAS ed VERIFY GEAR DOWN SET UP OFF ly) OFF OPEN OFF LEAN FOR TAXI OFF FAN (DOWN) VFR OFF OFF OFF OFF OFF OFF ALL OFF IDLE **HIGH RPM** IDLE CUT OFF ALL OFF rs ALL OFF RECORD

### **PIPER SEMINOLE**

AFTER TAKEOFF After Positive Rate of Climb: Brakes APPLY MOMENTARILY Landing Gear RETRACT Red Gear Unsafe Lgt OFF Best Angle Climb 82 Best Rate Climb 88 **CRUISE CLIMB** Power 25"MP & 2500 RPM 90 to 105 KIAS Airspeed Mixtures ADJUST AS NEEDEI AS REQUIRED Cowl Flaps CRUISE Cruise Power - 20" to 23" MP & 2300 RPM Prop RPM SET Mixtures AS REQUIRED **Cowl Flaps** AS REQUIRED Trim Tabs ADJUST Aux Fuel Pumps OFF Ldg and Taxi Lights OFF Nav Lights (Day Only) OFF FUEL STATE QUANTITY PRE-MANEUVER ON Aux Fuel Pumps **Fuel Selectors** ON FUEL STATE QUANTITY Ldg and Taxi Lights ON Area CLEAR Mixtures RICH Power and RPM SET DESCENT Mixtures ADJUST ADJUST Throttles Cowl Flaps Close if full stop or long desce This abbreviated checklist does not supersede any official regulations, procedures or documents

ER SEI	MINOLE	reg	ulations, procedures or documents
R TAKEOFF		BEFORE LANDING	
After Positive	Rate of Climb:	GAS (Fuel Selectors &	Aux Pumps) ON
;	APPLY MOMENTARILY	Pilot Flying	
g Gear	RETRACT	Undercarriage	DOWN <140 KIAS
ear Unsafe Lgt	OFF	- 3 Green, 1 in the Mi	rror
ngle Climb	82	- No gear warning ho	rn
ate Climb	88	- Request verification	from Pilot Monitoring
		Pilot Monitoring	VERBALLY CONFIRM
	25"MP & 2500 RPM	Mixtures	GRADUALLY FULL RICH
əd	90 to 105 KIAS		SYNC AND FULL
es	ADJUST AS NEEDED	Propellers	FORWARD (FINAL)
laps	AS REQUIRED		
E		Seat Belts	SECURE
	23" MP & 2300 RPM	Switches (Landing &	
PM	SET	Taxi Lights)	ON
es	AS REQUIRED	<b>C</b> ,	
laps	AS REQUIRED	Flaps (As Required)	BELOW 111
abs	ADJUST	Final Approach Speed	
lel Pumps	OFF	Short Final	VERIFY GEAR DOWN
d Taxi Lights	OFF	AFTER LANDING	
hts (Day Only)	OFF	Radio	SET
	STATE QUANTITY	Flaps	UP
IANEUVER		Landing Light	OFF
iel Pumps	ON	Strobes (Night Only)	
electors	ON	Cowl Flaps	OPEN
	STATE QUANTITY	Carb Heat	OFF
d Taxi Lights	ON	Mixture	LEAN FOR TAXI
	CLEAR	Aux Fuel Pumps	OFF
es	RICH	Heater (If used)	FAN (DOWN)
and RPM	SET	SHUT DOWN	
ENT		Transponder	VFR
es	ADJUST ADJUST	All Lights	OFF
es Ione Cless if fu		Interior Lights Radio Master	OFF OFF
laps Close II It	Ill stop or long descent	PFD	OFF
			OFF
		Autopilot Trim Master	OFF
		Aux Fuel Pumps	ALL OFF
		Throttles	IDLE
		Props	HIGH RPM
		Mixtures	IDLE CUT OFF
		Magnetos	ALL OFF
		Batt and Alternators	ALL OFF
		Hobbs/Tach Time	RECORD
		Control Lock	INSTALL
		Cabin Door	CLOSE/LOCK
Vr 75   Vr 82	Vxse 82   Vy 88   Vyse 8	-	
			10 00 1 1000 02

Va 112-135 | Vle 140 | Vlr 109 | Vno 169 | Vne 202

Version 1.1