

N44862 Quick Reference

PIPER PA-28R-201T

ICAO Model P28S

FOR MORE INFO SEE POH

V1.2

DETAILED CHECKLIST AT <https://redarrow.dolmint.com/checklist>

PREFLIGHT	
1 Pilot	I.M. S.A.F.E
2 Check out *	NOTE HOBBS
3 Documents	A.R.R.O.W
4 Fire Extn	CHECK
5 Controls	FREE&CORRECT
6 Parking Brake	SET
7 Magnetos	OFF
8 Electrical Equip	OFF
9 Circuit Breakers	IN
10 Gear Handle	DOWN
11 Master / ALT	ON
12 Annunciator Panl.	TEST
13 Gear Lights	3 Green
14 Fuel Quantity	CHECK
15 Master / ALT	OFF
16 Flaps	OPERATE
17 Gear Extn. Ovrdr	ENGAGED
18 Ext. Inspection	Complete
19 Oil 100W SAE 50	6 QTS MIN
20 Tires	27/30 PSI

BEFORE START	
1 Tow Bar	STOWED
2 Chocks	REMOVED
3 Seats/Belts	SECURE
4 Emergency Proc.	BRIEFED
5 Takeoff & IFR DP	BRIEFED

NORMAL START - COLD ENGINE	
1 Fuel Selector	AS DESIRED
2 Alternate Air	CLOSED (UP)
3 Mixture	FULL RICH
4 Propeller	HIGH RPM
5 Throttle	FULL FORWARD
6 Aux. Fuel Pump	OFF
7 Master / ALT	ON
8 Primmer	> 65F 3-4 SEC.
9 Throttle	1/4 OPEN
10 Propeller Area	CLEAR

When engine starts... (Warm-Up)	
1 Throttle	900-1200 RPM
2 Oil Pressure	CHECK
3 Fuel Pressure	CHECK
4 Mixture	LEAN MAX RPM
5 AVIONICS	•
• Garmin GPX300	ON
• COM 2	ON
• Intercom	ON /ADJUST
• EDM Refuel?	AS REQUIRED
• EFD (Aspen)	ON
• Nav Lgts (ADS-B)	ON
• Stratus	ON
6 Ammeter / Volts	CHECK
7 Lights	AS REQUIRED
8 Parking Brake	RELEASE
9 Brakes	CHECK
10 Gyros	TAXI CHECK

GROUND CHECK / RUNUP	
1 Flight Controls	FREE & CORRECT
2 Annunciator Panel	TEST
3 Avionics	SET
4 Mixture	FULL RICH
5 Throttle**	1800-2000 RPM
6 Propeller	CYCLE 3 TIMES
7 Magnetos	LEFT, RGT, BOTH
! 150 RPM Max Drop; 50 RPM Differential	
8 Alternate Air	CHECK & CLOSE
9 Vacuum	4.8 to 5.1 IN Hg
10 Oil Pressure	CHECK
11 Fuel Pressure	CHECK
12 Ammeter	CHECK W/ LOAD
13 Throttle	1000 RPM
! If IMC DP, maintain vacuum in green arc	
14 Aux. Fuel Pump	OFF
15 Circuit Breakers	IN
16 Manifold Pressure	DRAIN
17 Oil Temp - Takeoff	> 100 F

*Min. Oil Temp. Before Runup 75°F
