

Checklist Pa-32-260

FIRST:

- Release belts of control wheel
- Magneto's off
- Master switch on
- Check fuel quantity
- Master switch off
- Storm window open

Nose

- Air intakes
- Alternator belt
- Landing light
- Oil (2.75-12 u/s Q.) 8-9 (OK)
- Check for oil/fuel leaks
- LH cowling secured

OUTSIDE INSPECTION:

- Fuel straining (6-11 sec.)
- Check windows (clean)
- Flaps and Controls
- Wing tip & nav. lights
- Tip tank-, vent. and drain
- Inboard tank-, vent. and drain
- Wheel, braking line, strut (4,5'')
- Hinges RH door

RH

- Master switch on
- check stall-warning
- Master switch off
- Wing tip & nav. Lights
- Tip tank-, vent and drain
- Inboard tank, vent and drain
- Wheel, Braking line, strut
- Pitot heat
- Flap and Controls

LH

- Windshield
- Baggage hatch secured
- Check for oil/fuel leaks
- RH cowling secured
- Nose wheel, tire, strut (3.25'')
- Nose & spinner

NOSE

- Passenger door secured
- Leading edges of fin & elevator
- Rudders and trim tab.
- Rotating beacon and nav lights

Tail

INSIDE INSPECTION:

- Paper on board
- Doors closed and locked
- Adjust chairs, fasten seatbelts
- Parking brake on
- Controls free and easy
- All electrical equipment off
- Flaps check and up
- Carburetor heat off
- Mixture rich
- Throttle closed
- Pitch fully fine

STARTING UP:

- Fuel selector least full main tank
- Master switch on
- Electrical fuel pump on check Fuel pres.
- Throttle 1/4'' open
- Prime engine cold (5-9 strokes)
- Prime engine hot (1-3 strokes)
- Start engine max 1 min

AFTER STARTING:

- Idle RPM 1000-1200 rpm
- Check in 1 min: Oil pressure
fuel pressure
fuel contents
- Fuel pump off check pres.
- Check suction
- primer locked
- Di to compass
- Time checked
- Rotating beacon on
- Altimeter set
- Avionics master switch on VHF on

TAXI:

- Check brakes
- Check gyro's

RUN UP:

- Parking brake on
- 1400-1500 rpm
- Alternator on check ALT Ammeter
- Annunciator panel press to test all light on
- Release switch all light off
- Fuel selector fullest maintank
- Nav equipment on
- 2000rpm
- Magneto check(max drop175 and diff50)
- Check prop. Pitch (3 temp if cold)
- Check carburetor heat
- Check suction (5hg.+/-1)
- Check temps&pressures
- Check generator output
- Slow running (500-700 rpm)
- Radio & flight instr. Checked and set
- **Alternator off**

BEFORE TAKE OFF:

- Controls free
- Electro fuel pump **on**
- Pitot heat ??
- Carburetor heat off
- Mixture Rich
- Prop. Pitch full forward

APPROACH AND LANDING:

- Seat belts
- Electrical fuel pump **ON**
- Fuel selector proper maintank
- Mixture rich
- Manifold press.set
- Prop pitch set
- Flaps set (with arg)
- Landing light ON
- Trim set
- Carburetor heat **ON**

BASE LEG:

- Manifold press.set to17hg
- 2nd notch flaps
- Trim set

FINAL:

- Checked ALT and HDG
- Manifold press. Reduce as request
- **Min Speed 83 kts**
- 3rd notch flaps/ 4 nd flaps
- Trim set
- Checked Mixture Prop full forward
- Carburetor heat **OFF**
- Reduce the speed during the flareout

- Trim set for take off
- Flaps set for take off
- Doors and window closed&lock
- Seatbelts fastened
- Landing light on

TAKE OFF:

- On RW and hold (holding checked)
- Brake
- Full power
- **Alternator on**
- Power check and break release
- Lift off speed **55-69 kts 25° flaps**
- 200 ft.flaps in or 10°
- Trim for **climb(91 kts Vy) (83 kts Vx)**
- Landing light off

CRUISE:

- Tip tank before main tank fuel pump **OFF**
- Consult power setting chart 11,4 G/H55%

Alt/FL	Temp	2100	2200	2300	2400
1	55	21,7	20,8	20,2	19,3
2	48	21,0	20,1	19,8	19,1
4	45	20,8	19,9	19,4	18,7
6	38	20,4	19,5	18,9	18,2
8	31	20	19,1	18,5	17,8
10	23	19,6	18,6	18,1	17,4

POST LANDING CHECKS:

- Flaps up
- all unnecessary radios off
- boost pump OFF
- landing light OFF
- pitot heat OFF

LANDING DOWN:

- parking brake ON
- 1000 rpm
- Avionics master OFF
- All switch OFF
- mixture idle cut OFF
- magnetos OFF
- master switch OFF
- fuel selector OFF

Aircraft performance:

MTOW	3400 lbs	1540 kg
BEW	1765 lbs	800 kg
LOAD	1635 lbs	740 kg
FUEL	84 gal 504 lbs/	318 lt 235kg
PAX	6 * 188lbs	6* 84 kg

TAKE-OFF DISTANCE VS FLAP 10°

ALT	Dist	ALT	Dist	ALT	Dist	ALT	Dist
1000	540m	2000	640m	3000	700m	4000	810m
Power setting							
55%/10,4gal	39 lt	65%/12,2gal	43 lt	75%/14gal	55lt		