

NORMAL CHECKLIST

Aircraft: LN-EDB

Revision: 1

Type: Cessna 182S

Date: 2018-10-04

IFR

BEFORE STARTING

1. Preflight inspection (sep. checklist)..... COMPLETED/SIGNED
2. Breaks..... APPLY
3. Seats and harness..... ADJUSTED-LOCKED/FASTENED
4. Doors..... CLOSED
5. Static source..... NORMAL
6. Avionics master / Electrical equipment..... OFF
7. Cowl flap..... OPEN
8. Circuit breakers..... CHECKED

STARTING

1. Throttle..... 1/4" OPEN
2. Propeller..... HIGH RPM
3. Master switch..... ON
4. Fuel selector..... BOTH

WARM ENGINE – OMIT ITEMS 5-7

5. Fuel pump..... ON
6. Mixture (until fuel flow + 5 sec)..... ADVANCE FROM IDLE
7. Fuel pump..... OFF
8. Mixture..... IDLE CUTOFF
9. Rotating beacon..... ON
10. Propeller area..... CHECK CLEAR
11. Starter..... ENGAGE
12. Mixture – when starting, advance slowly..... RICH
13. Oil pressure..... CHECK
14. Throttle (winter: 1200)..... 1000 RPM
15. Mixture – retract 7 half turns..... LEAN

WARMUP

1. Engine instruments / annunciators..... CHECK
2. Avionics master..... ON
3. COM/NAV radios..... SET / IDENTIFIED
4. Transponder..... STANDBY
5. Elevator trim..... SET FOR T/O
6. Flaps (max 20°)..... SET FOR T/O
7. Altimeter (both)..... SET
8. HSI/NAV GPS switch..... SLAVED
9. Lights..... AS REQUIRED

TAXI

1. Brakes..... CHECKED
2. Flight instruments..... CHECKED

BEFORE TAKE OFF

1. Breaks..... APPLY
2. Oil temperature..... CHECK
3. Mixture..... RICH
4. Propeller..... HIGH RPM
5. Throttle..... 1800 RPM
6. Magnetos – check L+R – max drop/diff..... 150/50 RPM
7. Propeller..... CYCLE 3 TIMES
8. Vacuum gauge..... CHECK
9. Throttle..... slowly to IDLE then 1000 RPM
10. Flight controls..... CHECK
11. Autopilot..... OFF
12. Landing + NAV lights..... ON
13. T/O briefing..... GIVEN
14. Emergency briefing..... GIVEN

LINE UP

1. Strobe light..... ON
2. Pitot heat..... ON
3. Transponder..... SET CODE / ALTITUDE
4. Mixture..... RICH
5. Propeller..... HIGH RPM

TAKE OFF	
1. Time	NOTE
2. Compass / HSI (rwy heading)	CHECK
3. Throttle (static > 2400 RPM)	CHECK
CLIMB	
1. Flaps (+70 KIAS and 500 ft AGL)	RETRACT
2. Power (25" / 2500 RPM)	SET
3. Mixture (~20 GPH)	LEAN
4. Engine instruments	CHECK
5. Landing / taxi light	OFF
CRUISE	
1. Power	SET
2. Mixture	LEAN
3. Cowl flap	CLOSE
4. Heading	CHECK
5. Fuel	BALANCED
APPROACH	
1. ATIS	RECEIVED
2. Temperature	CHECK
3. Altimeter	SET
4. Approach brief	GIVEN
5. NAV/GPS switch	AS REQUIRED
6. NAV aids	SET / IDENTIFIED
7. Landing light	ON
BEFORE LANDING	
1. Engine instruments	CHECK
2. Autopilot	AS REQUIRED
3. Magnetos	BOTH
4. Mixture	RICH
5. Fuel selector	BOTH
6. Flaps	AS REQUIRED
7. Propeller	HIGH RPM
8. Cowl flap	OPEN
9. Final speed	75 KIAS / full flaps: 65 KIAS
AFTER LANDING	
1. Flaps	RETRACT
2. Pitot heat	OFF
3. Mixture	LEAN
AFTER LEAVING RWY	
4. Landing / taxi light	OFF / AS REQUIRED
5. Strobe light	OFF
6. Transponder	AS REQUIRED
7. Time	NOTE
SHUTDOWN	
1. Breaks	APPLY
2. Taxi light	OFF
3. Avionics master	OFF
4. Throttle	IDLE
5. Magnetos	GROUND CHECK
6. Throttle	1000 RPM
7. Mixture	IDLE CUTOFF
8. Magnetos	OFF
9. Master switch	OFF
10. Fuel selector	LEFT or RIGHT
11. Cabin vents	CLOSE
PARKING	
1. Wheel chocks	ON
2. Parking break	OFF
3. Cowl flap	CLOSED
4. Control wheel	SECURED
5. Tie downs	SECURED
6. Pitot tube	SECURED
7. Fuel vents	SECURED
8. Air inlets filters	SECURED
9. Engine/cabin-heater during winter	CONNECTED / ON

