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Subject: ERA24LA124, Decent Checklist

The following documents at the decent checklists provided by Cirrus Aircraft and the quick reference checklist from the flight school.

NORMAL

CIRRUS PILOT CHECKLIST MODEL SR 20

Cruise

1. Fuel Pump OFF
2. Cruise Power SET
3. Mixture LEAN as required
4. Engine Parameters MONITOR
5. Fuel Flow and Balance MONITOR

Cruise Leaning

Mixture Description	Exhaust Gas Temperature
Best Power	75° F Rich Of Peak EGT
Best Economy	50° F Lean Of Peak EGT

Descent

1. Altimeter SET
2. Cabin Heat/Defrost AS REQUIRED
3. Landing Light ON
4. Fuel System CHECK
5. Mixture AS REQUIRED
6. Brake Pressure CHECK

Before Landing

1. Seat Belt and Shoulder Harness SECURE
2. Fuel Pump BOOST
3. Mixture FULL RICH
4. Flaps AS REQUIRED
5. Autopilot AS REQUIRED

Balked Landing/Go-Around

1. Autopilot DISENGAGE
2. Power Lever FULL FORWARD
3. Flaps 50%
4. Airspeed BEST ANGLE OF CLIMB (81 – 83 KIAS)
After clear of obstacles:
5. Flaps UP

C/R TAXI	
BRAKES & STEERING	CHECKED
FLIGHT INSTRUMENTS	CHECKED
Checklist	COMPLETE

C/R BEFORE TAKEOFF	
PARKING BRAKE	SET
SEATS & HARNESSSES	CHECKED/SECURE
FUEL SELECTOR	SWITCH TANK
FUEL QUANTITY	CONFIRM
AUTOPILOT	CHECKED
CABIN HEAT/DEFROST	AS REQUIRED
FLIGHT CONTROLS	FREE/CORRECT
BRAKES	HOLD

ENGINE CHECK	
AVIONICS/MFD	ENGINE PAGE
OIL TEMP	CHECKED
MIXTURE	FULL FORWARD
POWER LEVER	1700 RPM
ALTERNATOR	CHECKED
VOLTAGE	CHECKED
ALT 2 LIGHT	OUT
ANNUNCIATOR LIGHTS	CHECKED
MAGNETOS	CHECKED
ENGINE PARAMETERS	CHECKED
POWER LEVER	IDLE/1000 RPM
MIXTURE	RICH

AFTER ENGINE CHECK	
QUADRANT FRICTION	ADJUSTED
ATIS / AWOS	ACQUIRE
NAVIGATION RADIOS/GPS	SET FOR TAKEOFF
FLIGHT INSTRUMENTS/GPS/ALTIMETER	SET
TRANSPONDER	SET CODE & VERIFY FLIGHT ID
CAPS HANDLE	PIN REMOVED
DEPARTURE BRIEFING	COMPLETE
PARKING BRAKE	RELEASE
Checklist	COMPLETE

V/R LINE UP	
Fuel Selector	VERIFY ON
Fuel Pump	VERIFY ON BOOST
Flaps	50%/CHECKED
CAPS Handle Pin	VERIFY REMOVED
Avionics/MFD	ENGINE PAGE
Engine Instruments	CHECKED
Hdg/ALT/VS1 Bugs	SET
Flight Instruments	CHECKED
Autopilot	READY/OFF
Trim	SET FOR TAKEOFF
Doors	CLOSED/CHECKED

AFTER CLEARED ONTO RUNWAY	
Time Off	NOTE
Mixture	FULL FORWARD
External Lights	AS REQUIRED
Flight Director	AS REQUIRED
Hdg/RWY Alignment	CHECKED
Checklist	COMPLETE

V/R CLIMB	
■ Climb Power	SET
■ Mixture	FULL RICH
■ Flaps (above 85 KIAS)	UP
■ Transponder	VERIFY ALT
■ Fuel Pump	AS REQUIRED
■ Engine Parameters	CHECKED
Autopilot	AS REQUIRED
Checklist	COMPLETE

V/R CRUISE	
Fuel Flow & Balance	AS REQUIRED
Fuel Pump	OFF
Cruise Power	SET
Mixture	LEAN AS REQUIRED
Engine Parameters	CHECKED
External Lights	AS REQUIRED
Checklist	COMPLETE

V/R DESCENT	
Brake Pressure	CHECKED
Seats & Harnesses	CHECKED/SECURE
Fuel Flow & Balance	CHECKED
Mixture	AS REQUIRED
Power Lever	SET
Altimeters	SET
Landing Light	ON
Checklist	COMPLETE

C/R APPROACH	
■ APPROACH BRIEFING	COMPLETE
FUEL PUMP	BOOST
■ FUEL SELECTOR	FULLEST TANK
■ Checklist	COMPLETE

C/R BEFORE LANDING	
■ MIXTURE	FULL RICH
■ FLAPS	AS REQUIRED
■ AUTOPILOT	AS REQUIRED
■ Checklist	COMPLETE

C/R GO-AROUND	
AUTOPILOT	DISENGAGE
POWER LEVER	FULL FORWARD
PITCH	POSITIVE CLIMB ATTITUDE
FLAPS	AS REQUIRED
AIRSPEED	BEST ANGLE OF CLIMB 81-83 KIAS
FLAPS (above 85 KIAS)	UP
Checklist	COMPLETE

V/R AFTER LANDING	
Power Lever	1000 RPM
Mixture	RICH
Flaps	UP
Transponder	VERIFY STBY
Avionics/MFD	ENGINE PAGE
External Lights	AS REQUIRED
Time On	NOTE
Checklist	COMPLETE

V/R PARKING	
Parking Brake	SET
Fuel Pump	OFF
Power Lever	IDLE
Magnetos	GROUND CHECKED
Mixture	IDLE CUT-OFF
Lights/All Switches	OFF
Magnetos	OFF
CAPS Handle Pin	RE-INSERTED
ELT	TRANSMIT LIGHT OUT
Tachometer/Hobbs	RECORDED
Tiedowns	SECURED
Pilot Cover	INSTALLED
Parking Brake	RELEASED
Doors	LOCKED
Post Flight Inspection	COMPLETE
Checklist	COMPLETE

■ Traffic Pattern Items
◆ Turn Around Check Items