

## CIRRUS SR20 NORMAL CHECKLIST

PREFLIGHT	
<i>Cabin</i>	
Documents	A R O W
Avionics	Off
Battery Master 2	On
Avionics Fan	Audible
Volt Meter	23-25 Volts
Flap Position Light	Out
Battery Master 1	On
Lights	Check, then Off
Fuel Quantity	Check
Fuel Selector	Fullest Tank
Flaps	100%, Check Light ON
Oil Annunciator	On
Battery Masters	Both Off
Circuit Breakers	IN
Fire Extinguisher	Charged, Available
Egress Hammer	Stowed
Caps Handle	Pin Removed
<i>Empennage</i>	
Baggage Door	Secure
Control Surfaces	Hinges, Condition
Inspection Ports	Tape Secure
Antennas	Secure
<i>Right Wing</i>	
Right Flap	Hinges, Rub Tape
Right Aileron	Condition
Stall Warning Inlet	Clear
Wingtip and Leading Edge	Check
Right Tank Sumps	Check x 2
Right Tire, Brake Condition and Overheat	
<i>Nose</i>	
Exhaust (right)	Check
Transponder ANT	Check
Fuel Strainer	Check 3 Seconds
Prop and Spinner	Check
Air Inlets	Clear
Landing Light	Condition
Nose Gear and Strut	Condition
Oil Quantity	7-8 QTS
Chocks	Remove
<i>Left Wing</i>	
Left Leading Edge	Check
Left Tire, Brake Condition and Overheat	
Left Tank Sump	Check X2
Pitot Tube	Cover off, Clear
Left Wingtip	Check
Left Aileron	Check
Left Flap	Hinges, Rub Tape

PRE-START	
Preflight	Complete
Weight and Balance	Within Limits
Passengers	Briefed:
Seatbelts, Exits, Egress Hammer, Caps	
Seat, Seatbelts	Adjust and Secure
<b>**START</b>	
Brakes	Hold
Battery Masters	Both ON
Strobe Lights	ON
Mixture	Full Rich
Throttle	Full
Fuel Pump	<i>Prime, Flow Alive, Boost</i>
Throttle	1/4 Inch Open
s	Full Rich
Propeller Area	Clear
Magnetos	Start
Throttle	Retard to 1000 RPM
Oil Pressure	CHECK
ALT Masters	Both ON
Avionics	On
Engine Parameters	Monitor
Amp Meter	Check
Flaps	Retract
Transponder	On
<b>TAXI</b>	
ATIS/ Taxi Clearance	Obtain
Brakes	Check
Turn Instruments	Check
<b>GENERAL INFO</b>	
Vr	67
Vx	81-85
Vy	91-96
Vso	56
Vs	65
Va	131
Vfe 50%	120
Vfe 100%	100
Vno	165-200
Vne	200
Vglide	96-87
X-wind	21
Max Takeoff Wt	3000
Max Landing Wt	2900
Max Baggage	130
Usable Fuel (Full)	56
Fuel at Tabs	26

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RUNUP	
Brakes	Hold
Doors	Closed
Caps Handle	Verify Pin Remove
Fuel Quantity	Confirm
Fuel Selector	Fullest Tank
Fuel Pump	Boost
Flaps	Set 50%, Verify
Throttle	1700 RPM
Alternators	Caution Lights Out
Amps/Volts	Lights On, Verify, Off
Magnetos	Check, 150/75
Engine Parameters	Normal
Throttle	1000RPM
Autopilot	Test
Trim	Set for Take Off
Flight Controls	Free and Correct
<b>PRE-TAKEOFF</b>	
Flaps	50%
Mixture	Best Power
Fuel Pump	Boost
Lights	As Required
<b>NORMAL TAKEOFF</b>	
Throttle	Full
Engine Parameters	Normal
Rotate	65-70
Flaps	85, Flaps up
<b>CLIMB</b>	
Climb Power	Set
Flaps	Verify Up
Mixture	Full Rich
Fuel Pump	Check
Instruments	Check
Speed	Vy
<b>CRUISE</b>	
Throttle	Set
Fuel Pump	Check
Mixture	Lean Assist
Heading Indicator	Check

DESCENT	
Altimeter	Set
Fuel	Correct Tank
Power	As Required
Mixture	As Required
<b>BEFORE LANDING</b>	
<b>A B G U M P S</b>	
Autopilot	Off
Fuel Pump	Boost
Gas	Fullest Tank
Undercarriage	Down
Mixture	Rich
Power	Set
Seat Belts	On
Landing Light	On
<b>REJECTED LANDING</b>	
<b>4 C's</b>	
Cram	Power
Climb	Attitude
Clean	Flaps 50%
Communicate	Go-Around
<b>AFTER LANDING</b>	
Flaps	Retract
Mixture	Ground Lean
Lights	As Required
Transponder	On
<b>SHUTDOWN</b>	
Lights/Pitot Heat	Off
Fuel Pump	Off
Throttle	Idle
Mixture	Idle Cutoff
Avionics	Off
Alternator Masters	Off
Battery Masters	Off
Magnetos	Off
<b>SECURING</b>	
Tie-Down / Chocks	Secure
Cowl / Pitot Plugs	Install
Clean	Windows
Lock	All Doors



**CIRRUS SR20 EMERGENCY CHECKLIST**

**CIRRUS SR20 EMERGENCY / MISC CHECKLIST**

<b>ENGINE FAILURE AFTER T/O</b>	
Airspeed	90 KTS
Mixture	Idle Cutoff
Fuel Selector	Off (Pull)
Mags	Off
Flaps	As Required
Master	Off
Door	Unlatch
Land	Straight Ahead

<b>ENGINE FAILURE DURING FLIGHT</b>	
Airspeed	90 KTS
Landing Spot	Select
Mixture	Rich
Fuel Selector	Switch Tanks
Fuel Pump	Boost
Throttle	Full
Alternate Air	On
Mags	On

<b>EMERGENCY LANDING WITHOUT POWER</b>	
Seats and Seatbelts	Secure
Airspeed	90 KTS
Throttle	Idle
Mixture	Cut-Off
Fuel Selector	Off
Mags	Off
Fuel Pump	Off
Flaps	As Required
Master	Off
Doors	Unlatch

<b>PRECAUTIONARY LANDING WITH POWER</b>	
Seats and Seatbelts	Secure
Airspeed	80 KTS
Flaps	As Required
Landing Area	Fly Over
Forced Landing	Execute Pattern
Upon Landing	Emergency Egress

<b>DITCHING</b>	
Radio	MAYDAY 121.5
Transponder	7700
Heavy Objects	Secure or Jettison
Seats and Seatbelts	Secure
CAPS	Activate
Doors	Open
Touchdown	Level Attitude
Face	Cushion
ELT	Arm
Airplane	Evacuate

<b>FIRE DURING START</b>	
Mixture	Cutoff
Fuel Pump	Off
Fuel Selector	Off
Throttle	Forward
Starter	Crank
<b>*If Fire Persists*</b>	
Throttle	Idle
Fuel Pump	Off
Mixture	Cutoff
Fuel Selector	Off
Starter	Off
Bat-Alt Masters	Off
Aircraft	Exit

<b>ENGINE FIRE IN FLIGHT</b>	
Mixture	Idle Cutoff
Fuel Pump	Off
Fuel Selector	Off
Airflow Selector	Off
Power Lever	Idle
Ignition	Off
Cabin Doors	Partially Open
Landing	As Soon As Possible

<b>CABIN FIRE IN FLIGHT</b>	
Bat/ALT Master	Off as Required
Heater	Off
Air Vents	Closed
Fire Extinguisher	Activate
Cabin Doors	Partially Open
When Fire is Out	Open, Full Cold
Avionics	Off
All Other Switches	Off

<b>EMERGENCY DESCENT</b>	
Throttle	Idle
Mixture	As Required
Airspeed	200, if Turbulent 165

<b>WING FIRE</b>	
All Lights	Off
Pitot Heat	Off
Side slip to keep fire away from tanks and cabin	

<b>ALT1/2 ANNUNCIATOR ON</b>	
Alt Master	Off
Alternator circuit breaker	Check, Reset
Alt Master	On
<i>If it does not solve the problem</i>	

<b>ENGINE FIRE IN FLIGHT</b>	
Electrical Load	Reduce
Alt Master	Off
Flight	Terminate

<b>CAPS Deployment</b>	
<b>ONLY DEPLOY IN LIFE THREATENING SITUATIONS</b>	

Airspeed	Below 135
Mixture	Idle Cutoff
Activation Cover	Remove
Pin	Remove
Activation Handle	Pull down Smoothly
Mixture	Check Cutoff
Fuel Selector	Off
Masters	Off
Ignition	Off
Fuel Pump	Off
ELT	ON
Seatbelts	Tighten
Loose Items	Secure
Assume Emergency Landing Position	
Evacuate Upon Landing	

<b>HOT START</b>	
Beacon	On
Master Switch	On
Mixture	Cut-off
Throttle	Half Open
Propeller Area	Clear
Magnetos	Start
Mixture	Rich
Throttle	800 RPM
Oil Pressure	Check
Mixture	Taxi Lean
Avionics	On
Transponder	On
Flaps	Retract
Taxi light	On

<b>FLOODED START</b>	
Beacon	On
Master Switch	On
Mixture	Rich
Throttle	Full
Fuel Pump	<b>ON, 5 GPH, OFF</b>
Mixture	Idle Cut-off
Propeller Area	Clear
Magnetos	Start
Mixture	Rich
Throttle	800 RPM
Oil Pressure	Check
Mixture	Taxi Lean
Avionics	On
Transponder	On
Flaps	Retract

<b>LIGHT GUN SIGNALS</b>	
Color and Type	Ground
Steady Green	Cleared for Takeoff
Flashing Green	Clear for Taxi
Steady Red	Stop
Flashing Red	Taxi Clear Ldg Area
Flashing White	Return To Start Point
Alt Red and Green	Extreme Caution
Color and Type	Flight
Steady Green	Cleared to Land
Flashing Green	Return for Landing
Steady Red	Give Way
Flashing Red	Airport Unsafe
Alt Red and Green	Extreme Caution

