

SR20

G3 WITH CIRRUS PERSPECTIVE AVIONICS



Quick Reference Checklist

for

SR20 Serials 2016 and Subsequent with Perspective Avionics.



The procedures in this publication are abbreviated and derived from procedures in the FAA Approved Airplane Flight Manual and Pilot's Operating Handbook (POH) P/N 11934-004 Revision 2 Release. These procedures do not supersede the procedures in the basic POH. In the event of conflict, the basic POH shall take precedence.

CIRRUSPILOT'S CHECKLISTMODEL SR20

Normal Procedures

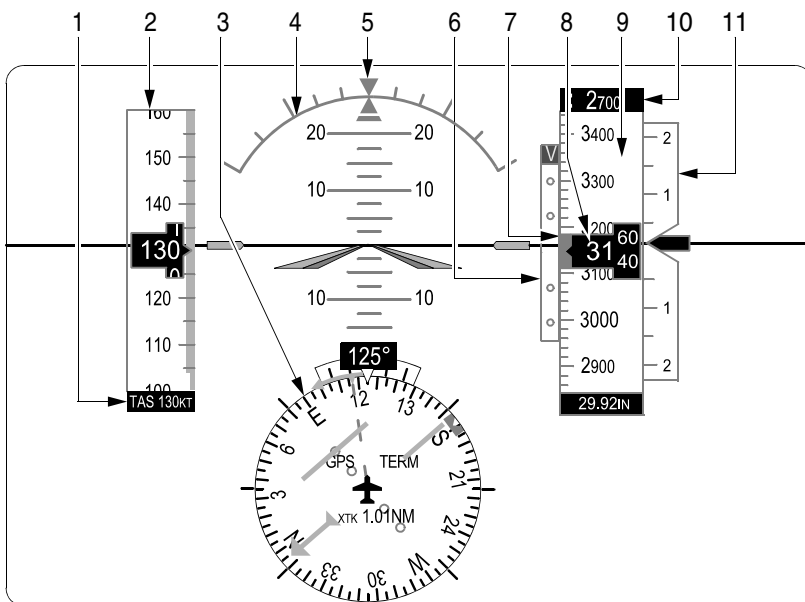
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CIRRUS PILOT CHECKLIST

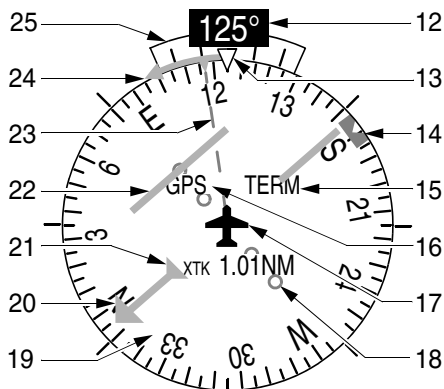
MODEL SR20

Primary Flight Display



LEGEND

1. True Airspeed
2. Airspeed Indicator
3. Horizontal Situation Indicator (HSI)
4. Attitude Indicator
5. Slip/Skid Indicator
6. Vertical Deviation Indicator (VDI)
7. Selected Altitude Bug
8. Current Altitude
9. Altimeter
10. Selected Altitude
11. Vertical Speed Indicator (VSI)
12. Current Heading
13. Lubber Line
14. Selected Heading Bug
15. Flight Phase
16. Navigation Source
17. Aircraft Symbol
18. Course Deviation Scale
19. Rotating Compass Rose
20. Course Pointer



HSI DETAIL

21. To/From Indicator
22. Course Deviation Indicator
23. Current Track Indicator
24. Turn Rate/Heading Trend Vector
25. Turn Rate Indicator

SR22_FM07_2790

Airspeeds for Normal Operation

Takeoff Rotation:

- Normal, Flaps 50%..... 65 - 70 KIAS
- Short Field, Flaps 50%..... 65 KIAS
- Obstacle Clearance, Flaps 50%..... 77 KIAS

Enroute Climb, Flaps Up:

- Normal, SL 96 KIAS
- Normal, 10,000' 92 KIAS
- Best Rate of Climb, SL 96 KIAS
- Best Rate of Climb, 10,000..... 92 KIAS
- Best Angle of Climb, SL..... 83 KIAS
- Best Angle of Climb, 10,000 87 KIAS

Landing Approach:

- Normal Approach, Flaps Up 88 KIAS
- Normal Approach, Flaps 50% 83 KIAS
- Normal Approach, Flaps 100% 78 KIAS
- Short Field, Flaps 100%..... 78 KIAS

Go-Around, Flaps 50%:

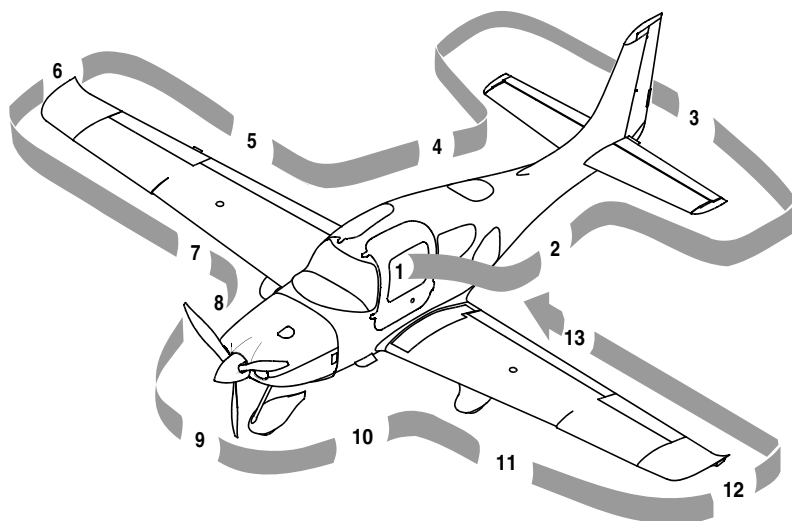
- Full Power..... 78 KIAS

Maximum Recommended Turbulent Air Penetration:

- 3050 Lb 131 KIAS
- 2600 Lb 122 KIAS
- 2200 Lb 111 KIAS

Maximum Demonstrated Crosswind

- Takeoff or Landing..... 20 Knots



SR22_FM04_1454

Preflight Inspection

1. Cabin
 - a. Required Documents On Board
 - b. Avionics Power Switch OFF
 - c. Bat 2 Master Switch ON
 - d. PFD Verify On
 - e. Essential Bus Voltage 23-25 Volts
 - f. Flap Position Light OUT
 - g. Bat 1 Master Switch ON
 - h. Avionics Cooling Fan Audible
 - i. Lights Check Operation
 - j. Stall Warning Test
 - k. Fuel Quantity Check
 - l. Fuel Selector Select Fullest Tank
 - m. Flaps 100%, Check Light ON
 - n. Oil Annunciator On
 - o. Bat 1 and 2 Master Switches OFF

CIRRUS

PILOT CHECKLIST

MODEL SR20

- p. Alternate Static Source NORMAL

q. Circuit Breakers..... IN

r. Fire Extinguisher Charged and Available

s. Emergency Egress Hammer Available

t. CAPS Handle Pin Removed
2. Left Fuselage
- a. Door Lock..... Unlock

b. COM 1 Antenna (top)..... Condition and Attachment

c. Transponder Antenna (underside)... Condition and Attachment

d. Wing/Fuselage Fairing Check

e. COM 2 Antenna (underside) Condition and Attachment

f. Baggage Door..... Closed and Secure

g. Static Button..... Check for Blockage

h. Parachute Cover Sealed and Secure
3. Empennage
- a. Tiedown Rope Remove

b. Horizontal and Vertical Stabilizers..... Condition

c. Elevator and Tab Condition and Movement

d. Rudder Freedom of Movement

e. Rudder Trim Tab..... Condition and Security

f. Attachment hinges, bolts and cotter pins Secure
4. Right Fuselage
- a. Static Button..... Check for Blockage

b. Wing/Fuselage Fairings Check

c. Door Lock..... Unlock
5. Right Wing Trailing Edge
- a. Flap and Rub Strips (if installed)..... Condition and Security

b. Aileron and Tab Condition and Movement

c. Hinges, actuation arm, bolts, and cotter pins Secure
6. Right Wing Tip
- a. Tip Attachment

b. Strobe, Nav Light and Lens..... Condition and Security

(Continued on following page)

CIRRUS

PILOT CHECKLIST

MODEL SR20

- c. Fuel Vent (underside).....Unobstructed
7. Right Wing Forward and Main Gear
 - a. Leading Edge and Stall Strips..... Condition
 - b. Fuel Cap..... Check Quantity and Secure
 - c. Fuel Drains (2 underside).....Drain and Sample
 - d. Wheel FairingsSecurity, Accumulation of Debris
 - e. Tire Condition, Inflation, and Wear
 - f. Wheel and BrakesFluid Leaks, Evidence of Overheating, General Condition, and Security
 - g. Chocks and Tiedown Ropes Remove
 - h. Cabin Air VentUnobstructed
8. Nose, Right Side
 - a. Cowling Attachments Secure
 - b. Exhaust Pipe Condition, Security, and Clearance
 - c. Gascolator (underside)..... Drain for 3 seconds, Sample
9. Nose gear, Propeller, and Spinner
 - a. Tow Bar Remove and Stow
 - b. Strut..... Condition
 - c. Wheel FairingSecurity, Accumulation of Debris
 - d. Wheel and Tire Condition, Inflation, and Wear
 - e. Propeller.....Condition (indentations, nicks, etc.)
 - f. Spinner..... Condition, Security, and Oil Leaks
 - g. Air InletsUnobstructed
 - h. Alternator BeltCondition and Tension
10. Nose, Left Side
 - a. Landing Light..... Condition
 - b. Engine Oil..... Check 6-8 quarts, Leaks, Cap & Door Secure
 - c. Cowling Attachments Secure
 - d. External Power Door Secure
 - e. Exhaust Pipe(s)..... Condition, Security, and Clearance
11. Left Main Gear and Forward Wing
 - a. Wheel FairingsSecurity, Accumulation of Debris
 - b. Tire Condition, Inflation, and Wear

CIRRUS

PILOT CHECKLIST

MODEL SR20

- c. Wheel and Brakes..... Fluid Leaks, Evidence of Overheating, General Condition, and Security
 - d. Chocks and Tiedown Ropes Remove
 - e. Fuel Drains (2 underside)..... Drain and Sample
 - f. Cabin Air Vent Unobstructed
 - g. Fuel Cap..... Check Quantity and Secure
 - h. Leading Edge and Stall Strips..... Condition
12. Left Wing Tip
- a. Fuel Vent (underside)..... Unobstructed
 - b. Pitot Mast (underside) Cover Removed, Tube Clear
 - c. Strobe, Nav Light and Lens..... Condition and Security
 - d. Tip Attachment
13. Left Wing Trailing Edge
- a. Flap And Rub Strips (If installed) Condition and Security
 - b. Aileron Freedom of movement
 - c. Hinges, actuation arm, bolts, and cotter pins Secure

Before Starting Engine

- 1. Preflight Inspection COMPLETED
- 2. Weight and Balance..... Verify Within Limits
- 3. Emergency Equipment ON BOARD
- 4. Passengers..... BRIEFED
- 5. Seats, Seat Belts, and Harnesses ADJUST & SECURE

BEFORE STARTING

CIRRUS PILOT CHECKLIST

MODEL SR20

Starting Engine

1. External Power (If applicable)CONNECT
2. Brakes HOLD
3. Bat Master SwitchesON (Check Volts)
4. Strobe Lights ON
5. MixtureFULL RICH
6. Power Lever FULL FORWARD
7. Fuel Pump PRIME, then BOOST
8. Propeller Area..... CLEAR
9. Power Lever OPEN ¼ INCH
10. Ignition SwitchSTART (Release after engine starts)
11. Power Lever RETARD (to maintain 1000 RPM)
12. Oil PressureCHECK
13. Alt Master SwitchesON
14. Avionics Power Switch ON
15. Engine Parameters MONITOR
16. External Power (If applicable)DISCONNECT
17. Amp Meter/Indication.....CHECK

Before Taxiing

1. FlapsUP (0%)
2. Radios/AvionicsAS REQUIRED
3. Cabin Heat/Defrost AS REQUIRED
4. Fuel Selector SWITCH TANK

Taxiing

1. Parking Brake DISENGAGE
2. Brakes.....CHECK
3. HSI OrientationCHECK
4. Attitude Gyro.....CHECK
5. Turn CoordinatorCHECK

Before Takeoff

1. Doors

LATCHED
2. CAPS Handle

Verify Pin Removed
3. Seat Belts and Shoulder Harness

SECURE
4. Air Conditioner

AS DESIRED
5. Fuel Quantity

CONFIRM
6. Fuel Selector

FULLEST TANK
7. Fuel Pump

ON
8. Flaps

SET 50% & CHECK
9. Transponder

SET
10. Autopilot

CHECK
11. Navigation Radios/GPS

SET for Takeoff
12. Cabin Heat/Defrost

AS REQUIRED
13. Brakes

HOLD
14. Power Lever

1700 RPM
15. Alternator

CHECK
- a. Pitot Heat

ON
- b. Navigation Lights

ON
- c. Landing Light

ON
- d. Annunciator Lights

CHECK
16. Voltage

CHECK
17. Pitot Heat

AS REQUIRED
18. Navigation Lights

AS REQUIRED
19. Landing Light

AS REQUIRED
20. Magnetos

CHECK Left and Right
- a. RPM drop ≤ 150 , difference between mags ≤ 75 RPM.
21. Engine Parameters

CHECK
22. Power Lever

1000 RPM
23. Flight Instruments, HSI, and Altimeter

CHECK & SET
24. Flight Controls

FREE & CORRECT
25. Trim

SET Takeoff
26. Autopilot

DISCONNECT

CIRRUS

PILOT CHECKLIST

MODEL SR20

Normal Takeoff

1. Brakes..... RELEASE (Steer with Rudder Only)
2. Power Lever FULL FORWARD
3. Engine ParametersCHECK
4. Elevator Control ROTATE Smoothly at 65-70 KIAS
5. At 85 KIAS, Flaps UP

Short Field Takeoff

1. Flaps 50%
2. Brakes HOLD
3. Power Lever FULL FORWARD
4. Engine ParametersCHECK
5. Brakes..... RELEASE (Steer with Rudder Only)
6. Elevator ControlROTATE Smoothly at 65 KIAS
7. Airspeed at Obstacle 77 KIAS

Climb

1. Climb Power..... SET
2. Flaps Verify UP
3. MixtureFULL RICH
4. Engine ParametersCHECK
5. Fuel Pump OFF

TAKEOFF / CLIMB

Cruise

1. Fuel Pump OFF
2. Cruise Power SET
3. Mixture LEAN as required
4. Engine ParametersMONITOR
5. Fuel Flow and BalanceMONITOR

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/DefrostAS REQUIRED
3. Landing Light ON
4. Fuel System.....CHECK
5. MixtureAS REQUIRED
6. Brake PressureCHECK

Before Landing

1. Seat Belt and Shoulder Harness SECURE
2. Fuel PumpBOOST
3. MixtureFULL RICH
4. FlapsAS 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

CIRRUS

PILOT CHECKLIST

MODEL SR20

After Landing

1. Power Lever 1000 RPM
2. Fuel Pump OFF
3. Flaps UP
4. Transponder STBY
5. Lights AS REQUIRED
6. Pitot Heat OFF

Shutdown

1. Fuel Pump (if used) OFF
2. Throttle IDLE
3. Ignition Switch CYCLE - MAG GROUNDING CHECK
4. Mixture CUTOFF
5. All Switches OFF
6. Magnetos OFF
7. ELT TRANSMIT LIGHT OUT
8. Chocks, Tie-downs, Pitot Covers AS REQUIRED

Performance

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• Note •

Aircraft with optional Air Conditioning System; Brake
Horsepower is reduced by approximately 6 BHP.

CIRRUS

PILOT CHECKLIST

MODEL SR20

Takeoff Distance: 2500 LB

WEIGHT = 2500 LB Speed at Liftoff = 68 KIAS Speed over 50 Ft Obstacle = 75 KIAS Flaps - 50% · Takeoff Pwr · Dry Paved			Headwind: Subtract 10% for each 12 knots headwind. Tailwind: Add 10% for each 2 knots tailwind up to 10 knots. Runway Slope: Ref. Factors. Dry Grass: Add 20% to Ground Roll. Wet Grass: Add 30% to Ground Roll. Air Conditioner: Add 300 feet to ground roll and 400 feet to distance over 50' obstacle if A/C is ON during takeoff.				
PRESS ALT FT	DISTANCE FT	TEMPERATURE ~ °C					ISA
		0	10	20	30	40	
SL	Grnd Roll	787	850	915	983	1054	882
	50 ft	1215	1306	1400	1497	1598	1353
1000	Grnd Roll	864	933	1005	1079	1157	954
	50 ft	1329	1428	1531	1637	1748	1459
2000	Grnd Roll	949	1025	1104	1186	1271	1032
	50 ft	1454	1563	1676	1792	1913	1574
3000	Grnd Roll	1043	1126	1213	1304	1398	1118
	50 ft	1593	1712	1835	1963	2095	1700
4000	Grnd Roll	1147	1239	1335	1434	1537	1211
	50 ft	1745	1876	2011	2151	2296	1836
5000	Grnd Roll	1263	1364	1469	1579	1693	1313
	50 ft	1914	2057	2206	2359	2518	1985
6000	Grnd Roll	1392	1503	1619	1739	1865	1424
	50 ft	2101	2258	2421	2589	2764	2147
7000	Grnd Roll	1534	1657	1785			1546
	50 ft	2307	2479	2658			2324
8000	Grnd Roll	1692	1828	1969			1679
	50 ft	2535	2725	2922			2516
9000	Grnd Roll	1868	2018	2174			1825
	50 ft	2788	2997	3213			2727
10000	Grnd Roll	2064	2229				1984
	50 ft	3068	3298				2956

CIRRUS PILOT CHECKLIST

MODEL SR20

Takeoff Distance: 3050 LB

WEIGHT = 3050 LB Speed at Liftoff = 71 KIAS Speed over 50 Ft. Obstacle = 77 KIAS Flaps - 50% · Takeoff Pwr · Dry Paved				Headwind: Subtract 10% for each 12 knots headwind. Tailwind: Add 10% for each 2 knots tailwind up to 10 knots. Runway Slope: Ref. Factors. Dry Grass: Add 20% to Ground Roll. Wet Grass: Add 30% to Ground Roll. Air Conditioner: Add 300 feet to ground roll and 400 feet to distance over 50' obstacle if A/C is ON during takeoff.			
PRESS ALT FT	DISTANCE FT	TEMPERATURE ~ °C					ISA
		0	10	20	30	40	
SL	Grnd Roll	1319	1424	1534	1648	1767	1478
	50 ft	1996	2145	2300	2460	2626	2221
1000	Grnd Roll	1448	1563	1684	1809	1940	1599
	50 ft	2183	2346	2515	2691	2872	2396
2000	Grnd Roll	1590	1717	1850	1988	2131	1730
	50 ft	2389	2568	2753	2945	3144	2586
3000	Grnd Roll	1748	1888	2034	2185	2343	1874
	50 ft	2616	2812	3015	3226	3444	2792
4000	Grnd Roll	1923	2077	2237	2404	2577	2030
	50 ft	2868	3082	3305	3536	3775	3017
5000	Grnd Roll	2117	2287	2463	2647	2837	2201
	50 ft	3145	3381	3625	3879	4141	3262
6000	Grnd Roll	2333	2519	2714	2916	3126	2388
	50 ft	3452	3711	3980	4258	4546	3529
7000	Grnd Roll	2572	2777	2992			2592
	50 ft	3792	4076	4371			3820
8000	Grnd Roll	2837	3064	3300			2815
	50 ft	4167	4480	4805			4137
9000	Grnd Roll	3132	3383	3644			3059
	50 ft	4584	4928	5285			4483
10000	Grnd Roll	3460	3737				3326
	50 ft	5045	5424				4860

TAKEOFF 3050 LB

CIRRUS

PILOT CHECKLIST

MODEL SR20

Cruise Performance

Conditions:

- Mixture Best Power
- Weight 2600 LB
- Winds Zero
- Shaded Cells: Cruise Pwr above 85% not recommended.

• Note •

Subtract 10 KTAS if nose wheel pant and fairing removed. Lower KTAS by 10% if nose and main wheel pants & fairings are removed.

Aircraft with optional Air Conditioning System; Cruise performance is reduced by 2 knots. For maximum performance, turn air-conditioner off.

Press Alt			ISA - 30°C			ISA			ISA + 30°C		
	RPM	MAP	PWR	KTAS	GPH	PWR	KTAS	GPH	PWR	KTAS	GPH
2000	2700	27.8	101%	160	16.0	95%	160	15.0	91%	157	14.2
	2500	27.8	90%	154	14.1	85%	154	13.4	81%	151	12.9
	2500	26.6	85%	151	13.4	80%	151	12.8	76%	148	11.7
	2500	25.4	80%	147	12.7	75%	147	11.6	72%	144	11.3
	2500	24.1	74%	143	11.5	70%	143	11.1	67%	140	10.7
	2500	22.9	69%	139	11.0	65%	139	10.6	62%	136	10.2
	2500	22.0	65%	136	10.5	62%	136	10.2	59%	133	9.9
	2500	19.7	55%	127	9.5	52%	127	9.20	50%	124	8.9
4000	2700	25.8	94%	159	14.8	89%	159	14.4	84%	157	13.4
	2500	25.8	84%	153	13.3	79%	153	12.7	75%	150	11.7
	2500	24.8	80%	150	12.7	75%	150	11.6	72%	147	11.2
	2500	23.6	75%	146	11.5	70%	146	11.1	67%	143	10.8
	2500	22.3	69%	141	10.9	65%	141	10.5	62%	138	10.2
	2500	21.0	63%	136	10.3	60%	136	10.0	57%	133	9.7
	2500	19.8	58%	131	9.8	55%	131	9.4	52%	129	9.2
	2500	19.4	55%	127	9.5	52%	127	9.20	50%	124	8.9
6000	2700	24.0	88%	159	13.8	83%	159	13.1	79%	156	12.6
	2500	24.0	79%	152	12.0	74%	152	11.5	71%	149	11.1
	2500	23.0	74%	148	11.5	70%	148	11.1	67%	145	10.7
	2500	21.8	69%	144	11.0	65%	144	10.6	62%	141	10.2
	2500	20.8	65%	140	10.4	61%	140	10.0	58%	137	9.7
	2500	19.4	59%	134	9.8	55%	134	9.5	53%	131	9.2

CIRRUS PILOT CHECKLIST

MODEL SR20

Cruise Performance

Press Alt			ISA - 30°C			ISA			ISA + 30°C		
	RPM	MAP	PWR	KTAS	GPH	PWR	KTAS	GPH	PWR	KTAS	GPH
8000	2700	22.2	82%	157	12.9	77%	157	11.6	73%	154	11.4
	2500	22.2	73%	150	11.4	69%	150	11.0	65%	147	10.6
	2500	21.2	69%	146	10.9	65%	146	10.5	62%	143	10.2
	2500	20.1	64%	142	10.4	60%	142	10.0	57%	139	9.7
	2500	18.9	59%	136	9.8	55%	136	9.5	52%	134	9.2
	2500	17.7	53%	131	9.2	50%	131	8.9	48%	128	8.7
10000	2700	20.6	76%	155	11.7	72%	155	11.2	68%	152	10.9
	2500	20.6	68%	148	10.8	64%	148	10.5	61%	145	10.1
	2500	19.6	64%	144	10.4	60%	144	10.0	57%	141	9.7
	2500	18.5	59%	139	9.8	55%	139	9.5	53%	136	9.2
	2500	17.3	54%	134	9.3	50%	134	9.0	48%	131	8.7
12000	2700	19.0	70%	153	11.1	66%	153	10.7	63%	150	10.3
	2500	19.0	63%	146	10.3	59%	146	9.9	56%	143	9.6
	2500	18.0	59%	141	9.8	55%	141	9.5	52%	138	9.2
	2500	16.8	53%	136	9.2	50%	136	8.9	47%	133	8.6
14000	2700	17.6	66%	151	10.5	62%	151	10.2	58%	148	9.8
	2500	17.6	59%	144	9.8	55%	144	9.5	52%	141	9.2
	2500	16.5	54%	142	9.3	50%	142	9.0	48%	139	8.7

CRUISE

CIRRUS

PILOT CHECKLIST

MODEL SR20

Landing Distance

WEIGHT = 3050 LB Speed over 50 Ft Obstacle = 78 KIAS Flaps - 100% · Idle · Dry, Level Paved Surface			Headwind: Subtract 10% per each 13 knots headwind. Tailwind: Add 10% for each 2 knots tailwind up to 10 knots. Runway Slope: Ref. Factors. Dry Grass: Add 20% to Ground Roll Wet Grass: Add 60% to Ground Roll				
PRESS ALT FT	DISTANCE FT	TEMPERATURE ~ °C					ISA
		0	10	20	30	40	
SL	Grnd Roll	809	838	868	897	927	853
	Total	2557	2609	2663	2717	2773	2636
1000	Grnd Roll	838	869	900	931	961	878
	Total	2610	2665	2722	2779	2838	2682
2000	Grnd Roll	870	901	933	965	997	905
	Total	2666	2725	2785	2846	2907	2731
3000	Grnd Roll	902	935	968	1001	1034	932
	Total	2726	2788	2852	2916	2981	2782
4000	Grnd Roll	936	971	1005	1039	1073	960
	Total	2790	2856	2923	2991	3060	2837
5000	Grnd Roll	972	1007	1043	1079	1114	990
	Total	2858	2928	2999	3070	3143	2894
6000	Grnd Roll	1009	1046	1083	1120	1157	1021
	Total	2931	3004	3079	3155	3232	2954
7000	Grnd Roll	1048	1086	1125	1163	1201	1052
	Total	3008	3086	3165	3245	3326	3017
8000	Grnd Roll	1089	1128	1168	1208	1248	1085
	Total	3091	3173	3256	3341	3427	3084
9000	Grnd Roll	1131	1173	1214	1255	1297	1119
	Total	3179	3265	3353	3443	3533	3154
10000	Grnd Roll	1176	1219	1262	1305	1348	1155
	Total	3272	3364	3457	3551	3646	3228

Wind Components

Conditions:

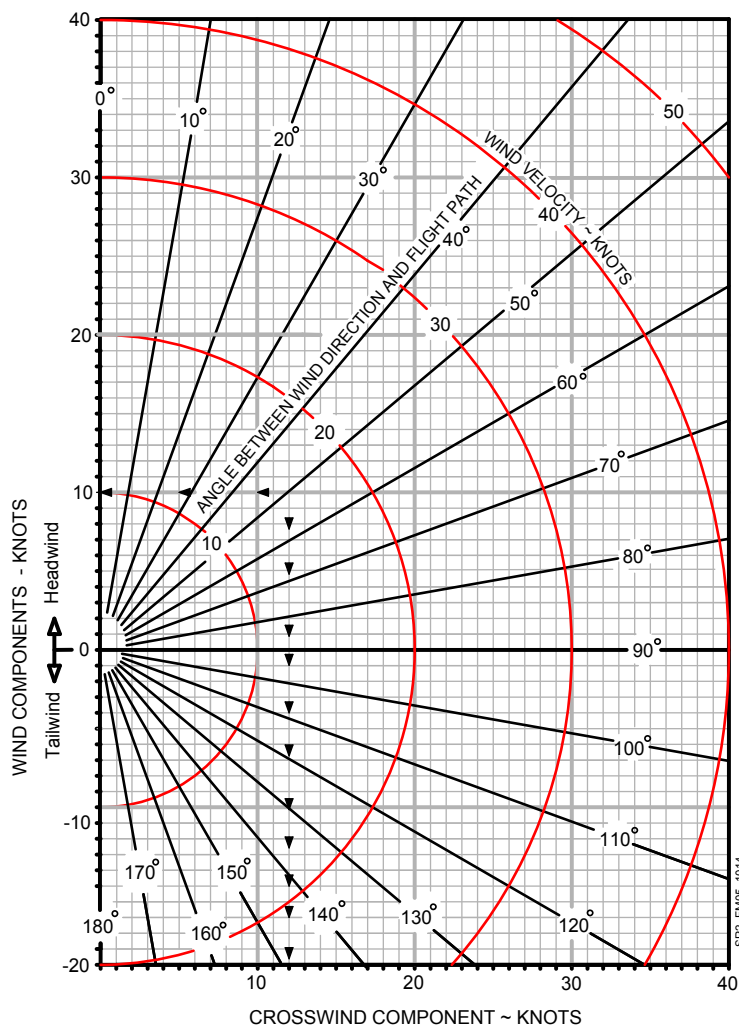
- Runway Heading 10°
- Wind Direction 60°
- Wind Velocity 15 Knots

Example: (See Chart ► ► ►)

- Wind/Flight Path Angle 50°
- Crosswind Component 12 Knots
- Headwind Component 10 Knots

• Note •

The maximum demonstrated crosswind is 20 knots. Value not considered limiting.



Weight and Balance

Loading Calculations

For Moment/1000, refer to Loading Data table on following page.

Description	Weight	Moment/1000
1. Empty Weight <i>Includes unusable fuel and full oil</i>		
2. Front Seats Occupants <i>Pilot and Passenger</i>		
3. Rear Seats Occupants		
4. Baggage <i>130 lb maximum</i>		
5. Zero Fuel Condition <i>Subtotal items 1 thru 4</i>		
6. Fuel Load <i>56 Gallon @6.0 lb/gal. maximum</i>		
7. Ramp Weight <i>Subtotal items 5 and 6</i>		
8. Fuel for start, taxi, and runup <i>Normally 6 lb at avg. mmnt of 922.8</i>	-	-
9. Takeoff Weight <i>Subtract Item 8 from item 7</i>		

Calculation Instructions

- Enter the current basic empty weight and moment from the aircraft's Weight and Balance Record.
- Enter the total weight and moment/1000 for the front seat occupants from the adjacent Loading Data Table.
- Enter the total weight and moment/1000 for the rear seat occupants from the adjacent Loading Data Table.
- Enter the total weight and moment/1000 for the baggage from the adjacent Loading Data Table.
- If desired, subtotal the weight and moment/1000 entries from steps 1 - 4.
- Enter the weight and moment/1000 of usable fuel loaded on the airplane.
- Subtotal the weight and moment/1000.
- Enter values for typical start, taxi, and run-up operations of 6 pounds at an average moment/1000 of 0.922.
- Subtract step 8 weight and moment/1000 from the Ramp Weight to determine the Takeoff Weight and moment/1000.
 - Verify Takeoff Weight does not exceed the 3000 pounds.
 - Verify Moment/1000 does falls between the interpolated minimum and maximum values listed on the adjacent Moment Limits Table.

CIRRUS PILOT CHECKLIST

MODEL SR20

Loading Data

Use this table to determine the Moment/1000.

Weight LB	Fwd Pass FS 143.5	Aft Pass FS 180.0	Baggage FS 208.0	Fuel FS 153.8	Weight LB	Fwd Pass FS 143.5	Aft Pass FS 180.0	Fuel FS 153.8
20	2.87	3.60	4.16	3.10	220	31.57	39.60	34.08
40	5.74	7.20	8.32	6.20	240	34.44	43.20	37.18
60	8.61	10.80	12.48	9.29	260	37.31	46.80	40.27
80	11.48	14.40	16.64	12.39	280	40.18	50.40	43.37
100	14.35	18.00	20.80	15.49	300	43.05	54.00	46.47
120	17.22	21.60	24.96	18.59	320	45.92	57.60	49.57
140	20.09	25.20	(27.04)*	21.69	336**	48.79	61.20	52.05
160	22.96	28.80		24.78	360	51.66	64.80	
180	25.83	32.40		27.88	380	54.53	68.40	
200	28.70	36.00		30.98	400	57.40	72.00	

* 130 lb Maximum **56 U.S Gallons Usable

Moment Limits

Use this table to determine if Loading Calculations are within limits.

Weight LB	Moment/1000		Weight LB	Moment/1000	
	Minimum	Maximum		Minimum	Maximum
2200	304	326	2700	375	398
2250	311	333	2750	383	406
2300	318	341	2800	390	414
2350	326	348	2850	398	421
2400	333	354	2900	406	429
2450	340	362	2950	414	437
2500	347	369	3000	421	444
2550	354	375	3050	429	452
2600	362	383	2700	375	398
2650	369	390			

Temperature Conversion

To convert from Celsius (°C) to Fahrenheit (°F), find, in the shaded columns, the number representing the temperature value (°C) to be converted. The equivalent Fahrenheit temperature is read to the right.

► EXAMPLE: 38°C = 100°F.

To convert from Fahrenheit (°F) to Celsius (°C), find in the shaded columns area, the number representing the temperature value (°F) to be converted. The equivalent Celsius temperature is read to the left.

► EXAMPLE: 38°F = 3°C.

Temp to Convert °C or °F			Temp to Convert °C or °F			Temp to Convert °C or °F		
°C	◀ ▶	°F	°C	◀ ▶	°F	°C	◀ ▶	°F
-50	-58	-72	-17	2	36	17	62	144
-49	-56	-69	-16	4	39	18	64	147
-48	-54	-65	-14	6	43	19	66	151
-47	-52	-62	-13	8	46	20	68	154
-46	-50	-58	-12	10	50	21	70	158
-44	-48	-54	-11	12	54	22	72	162
-43	-46	-51	-10	14	57	23	74	165
-42	-44	-47	-9	16	61	24	76	169
-41	-42	-44	-8	18	64	26	78	172
-40	-40	-40	-7	20	68	27	80	176
-39	-38	-36	-6	22	72	28	82	180
-38	-36	-33	-4	24	75	29	84	183
-37	-34	-29	-3	26	79	30	86	187
-36	-32	-26	-2	28	82	31	88	190
-34	-30	-22	-1	30	86	32	90	194
-33	-28	-18	0	32	90	33	92	198
-32	-26	-15	1	34	93	34	94	201
-31	-24	-11	2	36	97	36	96	205
-30	-22	-8	3	38	100	37	98	208
-29	-20	-4	4	40	104	38	100	212
-28	-18	0	6	42	108	39	102	216
-27	-16	3	7	44	111	40	104	219
-26	-14	7	8	46	115	41	106	223
-24	-12	10	9	48	118	42	108	226
-23	-10	14	10	50	122	43	110	230
-22	-8	18	11	52	126	44	112	234
-21	-6	21	12	54	129	46	114	237
-20	-4	25	13	56	133	47	116	241
-19	-2	28	14	58	136	48	118	244
-18	0	32	16	60	140	49	120	248

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CIRRUS

PILOT CHECKLIST

MODEL SR20

Flight Environment**Inadvertent Icing Encounter**

1. Pitot Heat..... ON
2. Exit icing conditions. Turn back or change altitude.
3. Cabin Heat..... MAXIMUM
4. Windshield Defrost FULL OPEN
5. Alternate Induction Air ON

Inadvertent IMC Encounter

1. Airplane Control..... Establish Straight and Level Flight
2. Autopilot..... Engage to hold Heading and Altitude
3. Heading Reset to initiate 180° turn

Door Open In Flight

1. Airplane Control..... MAINTAIN

IN FLIGHT

Abnormal Landings

Landing With Failed Brakes

One brake inoperative

1. Land on the side of runway corresponding to the inoperative brake.
2. Maintain directional control using rudder and working brake.

Both brakes inoperative

1. Divert to the longest, widest runway with the most direct headwind.
2. Land on downwind side of the runway.
3. Use the rudder for obstacle avoidance.
4. Perform *Emergency Engine Shutdown on Ground* checklist.

Landing With Flat Tire

Main Gear

1. Land on the side of the runway corresponding to the good tire.
2. Maintain directional control with the brakes and rudder.
3. Do not taxi. Stop the airplane and perform a normal engine shutdown.

Nose Gear

1. Land in the center of the runway.
2. Hold the nosewheel off the ground as long as possible.
3. Do not taxi. Stop the airplane and perform a normal engine shutdown.

CIRRUS PILOT CHECKLIST

MODEL SR20

Engine System**Low Idle Oil Pressure****OIL PRESS**

1. If In-Flight..... LAND AS SOON AS PRACTICAL

Starter Engaged Annunciation**START ENGAGE*****On-Ground***

1. Ignition Switch DISENGAGE prior to 20 Seconds
2. Battery Switches..... Wait 20 seconds before next start attempt
If starter does not disengage (relay or solenoid failure):
3. BAT 1 Switch OFF
4. Engine SHUTDOWN
5. STARTER Circuit breaker PULL

In-Flight

1. Ignition Switch Ensure not stuck in START
2. STARTER Circuit breaker PULL
3. Flight..... CONTINUE
Engine start will not be available at destination.

ENGINE

CIRRUS

PILOT CHECKLIST

MODEL SR20

Fuel System

Low Fuel Quantity

FUEL QTY Caution

FUEL QTY

1. Fuel Quantity Gages.....CHECK
If fuel quantity indicates less than or equal to 8 gallons:
 - a. Land as soon as practical.*If fuel quantity indicates more than 8 gallons:*
 - a. FlightCONTINUE, MONITOR

Left OR Right Fuel Tank Quantity

Conduct the following procedure if either of the annunciations listed below are displayed on the MFD.

L FUEL QTY

R FUEL QTY

1. Indicated (L or R) Fuel Quantity Gage.....CHECK
If fuel quantity indicates less than or equal to 8 gallons:
 - a. If On-Ground REFUEL PRIOR TO FLIGHT
 - b. If In-FlightCONTINUE, MONITOR*If fuel quantity indicates more than 8 gallons:*
 - a. If On-Ground CORRECT PRIOR TO FLIGHT
 - b. If In-FlightCONTINUE, MONITOR

Fuel Filter in Bypass Mode

FUEL FILTER

1. If In-Flight..... LAND AS SOON AS PRACTICAL
2. Replace fuel filter element prior to next flight.

Electrical System

Low Voltage on Main Bus 1

M BUS 1 Caution

M BUS 1

1. Perform Alt 1 Caution (Failure) Checklist.

Low Voltage on Main Bus 2

M BUS 2 Caution

M BUS 2

1. Perform Alt 1 and Alt 2 Caution (Failure) checklists.

Battery 1 Current Sensor

BATT 1 Caution

BATT 1

1. Main Bus 1, 2 and Non-Essential Bus Loads REDUCE
2. Main Bus 1, 2 and Essential Bus VoltagesMONITOR
3. Land as soon as practical.

CIRRUS

PILOT CHECKLIST

MODEL SR20

Low Alternator 1 Output

ALT 1 Caution (Failure)

ALT 1

1. ALT 1 Circuit Breaker..... CHECK & SET
2. ALT 1 Master Switch..... CYCLE
If alternator does not reset (low A1 Current and M1 voltage):
3. ALT 1 Master Switch..... OFF
4. Non-Essential Bus Loads REDUCE
 - a. If flight conditions permit, consider shedding the following to preserve Battery 1: Air Conditioning, Landing Light, Yaw Servo, Convenience Power.
5. Continue Flight, avoiding IMC or night flight as able.

Low Alternator 2 Output

ALT 2 Caution (Failure)

ALT 2

1. ALT 2 Circuit Breaker..... CHECK & SET
2. ALT 2 Master Switch..... CYCLE
If alternator does not reset:
3. ALT 2 Master Switch..... OFF
4. Continue Flight, avoiding IMC or night flight as able.

Integrated Avionics System**Avionics Switch Off****AVIONICS OFF**

1. AVIONICS Switch ON, AS REQUIRED

Flight Displays Too Dim

1. INSTRUMENT dimmer knob OFF
If Flight Displays are not controllable with INSTRUMENT dimmer knob:
 - a. CABIN LIGHTS Circuit Breaker PULL
 - b. Revert to standby instruments with flashlight for illumination.

PFD Cooling Fan Failure**PFD 1 FAN FAIL**

1. AVIONICS FAN 2 Circuit Breaker CYCLE
If annunciation does not extinguish:
 - a. Hot cabin temperatures..... LAND AS SOON AS PRACTICAL
 - b. Cool cabin temperaturesCONTINUE, MONITOR

MFD Cooling Fan Failure**MFD FAN FAIL**

1. AVIONICS FAN 1 Circuit Breaker CYCLE
If annunciation does not extinguish:
 - a. High cabin temperatures LAND AS SOON AS PRACTICAL
 - b. Low cabin temperaturesCONTINUE, MONITOR

Flight Displays Too Dim

1. INSTRUMENT dimmer knobOFF (full counter-clockwise)
If flight displays do not provide sufficient brightness:
2. Revert to standby instruments.

Pitot Static System

Pitot Static Malfunction

Static Source Blocked

1. Pitot Heat..... ON
2. Alternate Static Source..... OPEN

Pitot Tube Blocked

1. Pitot Heat..... ON

Pitot Heat Current Sensor Annunciation

PITOT HEAT FAIL

1. Pitot Circuit Breaker..... CYCLE
2. Pitot Heat..... CYCLE OFF, ON

If inadvertent icing encountered, perform Inadvertent Icing Encounter Emergency Checklist and:

- a. Airspeed..... EXPECT NO RELIABLE INDICATION
- b. Exit icing conditions using attitude, altitude, and power instruments.

Pitot Heat Required Annunciation

PITOT HT REQD

1. Pitot Heat..... ON

Flight Control System

Electric Trim/Autopilot Failure

1. Airplane Control..... MAINTAIN MANUALLY
2. Autopilot (if engaged)..... Disengage
If Problem Is Not Corrected:
3. Circuit Breakers PULL AS Required
 - PITCH TRIM
 - ROLL TRIM
 - AUTOPILOT
4. Power LeverAS REQUIRED
5. Control YokeMANUALLY HOLD PRESSURE
6. Land as soon as practical.

Flap System Exceedance

FLAPS

Flaps at 100%, airspeed greater than 109 KIAS for 5 seconds or more,
OR

Flaps at 50%, airspeed greater than 124 KIAS for 5 seconds or more.

1. Airspeed REDUCE
or
1. Flaps..... RETRACT

Landing Gear System

Brake Failure During Taxi

1. Engine Power.....AS REQUIRED
2. Directional Control..... MAINTAIN WITH RUDDER
3. Brake Pedal(s) PUMP
If directional control can not be maintained:
 - a. Ignition Switch..... OFF

Left/Right Brake Over-Temperature

BRAKE TEMP

1. Stop aircraft and allow the brakes to cool.

Other Conditions

Aborted Takeoff

1. Power Lever..... IDLE
2. Brakes.....AS REQUIRED

Parking Brake Engaged Annunciation

PARK BRAKE

1. Parking BrakeRELEASE
2. Monitor CAS for BRAKE TEMP Caution. Stop aircraft and allow the brakes to cool if necessary.

Communications Failure

1. Switches, Controls.....CHECK
2. Frequency.....CHANGE
3. Circuit BreakersCHECK
4. HeadsetCHANGE
5. Hand Held Microphone.....CONNECT

Emergency Procedures

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CIRRUS

PILOT'S CHECKLIST

MODEL SR20

EMERGENCY

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CIRRUS PILOT CHECKLIST

MODEL SR20

Airspeeds For Emergency Operations***Maneuvering Speed:***

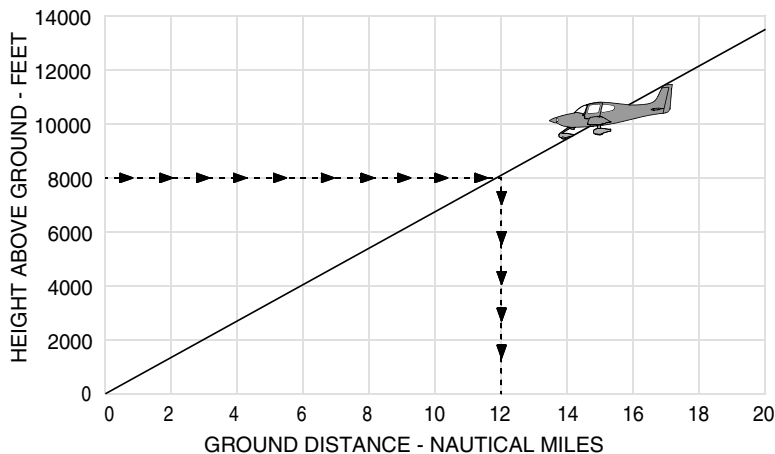
- 3050 lb..... 130 KIAS
- 2600 lb..... 120 KIAS
- 2200 lb..... 110 KIAS

Best Glide:

- 3050 lb..... 99 KIAS
- 2500 lb..... 95 KIAS

Emergency Landing (Engine-Out):

- Flaps Up 87 KIAS
- Flaps 50% 82 KIAS
- Flaps 100% 76 KIAS

Maximum Glide***Glide Ratio ~ 9 : 1***

SR20_FM09_2765

Memory Items

Checklist steps emphasized by underlining such as the example below, should be memorized for accomplishment without reference to the procedure.

1. Best Glide Speed..... ESTABLISH

Engine Failures

Engine Failure On Takeoff (Low Altitude)

1. Best Glide or Landing Speed (as appropriate) ESTABLISH
2. Mixture CUTOFF
3. Fuel Selector OFF
4. Ignition Switch OFF
5. Flaps AS REQUIRED

If time permits:

6. Power Lever IDLE
7. Fuel Pump OFF
8. Bat-Alt Master Switches OFF
9. Seat Belts ENSURE SECURED

Engine Failure In Flight

1. Best Glide Speed ESTABLISH
2. Mixture AS REQUIRED
3. Fuel Selector SWITCH TANKS
4. Fuel Pump BOOST
5. Alternate Induction Air ON
6. Air Conditioner (if installed) OFF
7. Ignition Switch CHECK, BOTH
8. If no start, perform *Engine Airstart* or *Forced Landing* checklist.

CIRRUS PILOT CHECKLIST

MODEL SR20

Airstart**Engine Airstart**

1. Bat Master Switches ON
2. Power Lever ½" OPEN
3. Mixture RICH, AS REQ'D
4. Fuel Selector SWITCH TANKS
5. Ignition Switch BOTH
6. Fuel Pump BOOST
7. Alternate Induction Air ON
8. Alt Master Switches OFF
9. Starter (Propeller not Windmilling) ENGAGE
10. Power Lever slowly INCREASE
11. Alt Master Switches ON
12. If no start, perform *Forced Landing* checklist.

AIRSTART

Smoke and Fire

Engine Fire In Flight

- 1. MixtureCUTOFF
- 2. Fuel Pump OFF
- 3. Fuel Selector OFF
- 4. Airflow Selector..... OFF
- 5. Power Lever IDLE
- 6. Ignition Switch OFF
- 7. Cabin Doors.....PARTIALLY OPEN
- 8. Land as soon as possible.

Cabin Fire In Flight

- 1. Bat-Alt Master SwitchesOFF, AS REQ'D
- 2. Fire Extinguisher.....ACTIVATE
If airflow is not sufficient to clear smoke or fumes from cabin:
- 3. Cabin Doors.....PARTIALLY OPEN
- 4. Avionics Power Switch OFF
- 5. All other switches..... OFF
- 6. Land as soon as possible.
If setting master switches off eliminated source of fire or fumes and airplane is in night, weather, or IFR conditions:
- 7. Airflow Selector..... OFF
- 8. Bat-Alt Master Switches ON
- 9. Avionics Power Switch ON
- 10. Required SystemsACTIVATE one at a time
- 11. Temperature Selector COLD
- 12. Vent Selector FEET/PANEL/DEFROST POSITION
- 13. Airflow Selector.....SET AIRFLOW TO MAXIMUM
- 14. Panel Eyeball Outlets OPEN
- 15. Land as soon as possible.

CIRRUS PILOT CHECKLIST

MODEL SR20

Wing Fire In Flight

1. Pitot Heat Switch OFF
2. Navigation Light Switch OFF
3. Landing Light OFF
4. Strobe Light Switch OFF
5. If possible, side slip to keep flames away from fuel tank and cabin.
6. Land as soon as possible.

Engine Fire During Start

1. Mixture CUTOFF
2. Fuel Pump OFF
3. Fuel Selector OFF
4. Power Lever FORWARD
5. Starter CRANK
6. If flames persist, perform *Emergency Engine Shutdown on Ground* and *Emergency Ground Egress* checklists.

Smoke and Fume Elimination

1. Air Conditioner (if installed) OFF
2. Temperature Selector COLD
3. Vent Selector FEET/PANEL/DEFROST POSITION
4. Airflow Selector SET AIRFLOW TO MAXIMUM
If source of smoke and fume is firewall forward:
 - a. Airflow Selector OFF
5. Panel Eyeball Outlets OPEN
6. Prepare to land as soon as possible.
If airflow is not sufficient to clear smoke or fumes from cabin:
 - a. Cabin Doors PARTIALLY OPEN

SMOKE AND FIRE

Forced Landings

Emergency Landing Without Engine Power

- 1. Best Glide Speed..... ESTABLISH
- 2. RadioTransmit (121.5 MHz) MAYDAY
- 3. Transponder.....SQUAWK 7700
- 4. If off airport, ELTACTIVATE
- 5. Power Lever IDLE
- 6. MixtureCUTOFF
- 7. Fuel Selector OFF
- 8. Ignition Switch OFF
- 9. Fuel Pump OFF
- 10. Flaps (when landing is assured) 100%
- 11. Master Switches OFF
- 12. Seat Belt(s).....SECURED

Emergency Descent

- 1. Power Lever IDLE
- 2. MixtureAS REQUIRED
- 3. Airspeed V_{NE} (200 KIAS)

Ditching

- 1. RadioTransmit (121.5 MHz) MAYDAY
giving location and intentions
- 2. Transponder.....SQUAWK 7700
- 3. CAPS.....ACTIVATE
- 4. AirplaneEVACUATE
- 5. Flotation DevicesINFLATE WHEN CLEAR OF AIRPLAN

Landing Without Elevator Control

- 1. Flaps..... SET 50%
- 2. Trim..... SET 80 KIAS
- 3. Power..... AS REQUIRED FOR GLIDE ANGLE

FORCED LANDING

Engine System

Oil Pressure Out of Range

OIL PRESS

1. Oil Pressure GageCHECK

If pressure low:

- a. PowerREDUCE to minimum for sustained flight
- b. Land as soon as possible.
 - (1) Prepare for potential engine failure.

If pressure low and oil temperature normal:

- a. EngineMONITOR OIL PRESS/TEMP
- b. Land as soon as practical.

If pressure high:

- a. PowerREDUCE to minimum for sustained flight
- b. Land as soon as possible.
 - (1) Prepare for potential engine failure.

Oil Temperature High

OIL TEMP

1. Power REDUCE
2. Airspeed INCREASE
3. Oil Temperature GageMONITOR

If temperature remains high:

4. Land as soon as possible.

Engine Speed High

RPM

1. Tachometer.....CHECK
- If engine speed normal:
- a. If On-Ground CORRECT PRIOR TO FLIGHT
- b. If In-FlightCONTINUE, MONITOR
- If engine speed high:
- c. Power REDUCE
- d. Airspeed REDUCE UNTIL RPM BELOW 2700
2. Oil Pressure GageCHECK

High Cylinder Head Temperature

CHT

On-Ground

1. Power Lever REDUCE
2. Annunciators and Engine Temperatures MONITOR
- If Caution or Warning annunciation is still illuminated:
3. Power Lever MINIMUM REQUIRED
4. Flight PROHIBITED

In-Flight

1. Power Lever REDUCE
2. Airspeed INCREASE
3. Annunciators and Engine Temperatures MONITOR
- If Caution or Warning annunciation is still illuminated:
4. Power Lever MINIMUM REQUIRED
5. Engine Instruments MONITOR
- If Caution annunciation only remains illuminated:
- a. Land as soon as practical.
- If Warning annunciation remains illuminated:
- a. Land as soon as possible.

CIRRUS PILOT CHECKLIST

MODEL SR20

Engine Partial Power Loss

1. Air Conditioner (if installed) OFF
2. Fuel Pump BOOST
3. Fuel Selector SWITCH TANKS
4. Mixture CHECK appropriate for flight conditions
5. Power Lever SWEEP
6. Alternate Induction Air ON
7. Ignition Switch BOTH, L, then R
8. Land as soon as practical.

Fuel System**High Fuel Flow****FUEL FLOW*****On-Ground***

1. Correct prior to flight.

In-Flight

1. Engine Controls ADJUST
If FUEL FLOW Warning does not extinguish:
2. Land as soon as practical.

Low Fuel Quantity**FUEL QTY**

1. Fuel Quantity Gages CHECK
If fuel quantity indicates less than or equal to 7 gallons:
 - a. If On-Ground REFUEL PRIOR TO FLIGHT
 - b. If In-Flight LAND AS SOON AS PRACTICAL*If fuel quantity indicates more than 7 gallons:*
 - a. If On-Ground CORRECT PRIOR TO FLIGHT
 - b. If In-Flight CONTINUE, MONITOR

Electrical System

High Voltage on Main Bus 1

M BUS 1

- 1. ALT 1 Master Switch..... CYCLE
- 2. M Bus 1 Voltage (M1)CHECK
If M Bus 1 Voltage is greater than 32 volts
- 3. ALT 1 Master Switch..... OFF
- 4. Perform Alt 1 Caution (Failure) Checklist (do not reset alternator)

High Voltage on Main Bus 2

M BUS 2

- 1. Main Bus 1 Voltage (M1)CHECK
If M Bus 1 Voltage is greater than 32 volts
- 2. Perform M Bus 1 Warning Checklist
- 3. Main Bus 2 Voltage (M2)CHECK
If M Bus 2 Voltage is greater than 32 Volts:
- 4. ALT 2 Master Switch..... CYCLE
- 5. Main Bus 2 Voltage (M2)CHECK
If M Bus 2 Voltage remains greater than 32 volts
- 6. ALT 2 Master Switch..... OFF
- 7. Perform Alt 2 Caution (Failure) Checklist (do not reset alternator).

High or Low Voltage on Essential Bus**ESS BUS**

1. Essential Bus Voltage (ESS)CHECK
If Essential Bus Voltage is greater than 32 volts:
2. Main Bus 1 and Main Bus 2 Voltages (M1 and M2).....CHECK
3. Perform appropriate *Main Bus 1* or *Main Bus 2* Warning checklists
If Essential Bus Voltage is less than 24.5 volts:
4. Perform Alt 1 and Alt 2 Caution (Failure) checklists
If unable to restore at least one alternator:
5. Non-Essential Loads REDUCE
 - a. If flight conditions permit, consider shedding:
Air Conditioning, Landing Light, Pitot Heat, Cabin Fan, Nav Lights, Strobe Lights, Audio Panel, COM 2.
6. Land as soon as practical (Battery reserve only)

Integrated Avionics System**Attitude & Heading Reference System (AHRS) Failure**

1. Verify Avionics System has switched to functioning AHRS
If not, manually switch to functioning AHRS:
2. Failed AHRS Circuit Breaker SET
If open, reset breaker. If circuit breaker opens again, do not reset.
3. Be prepared to revert to Standby Instruments (Altitude, Heading)

Air Data Computer (ADC) Failure

1. ADC Circuit Breaker SET
If open, reset (close) circuit breaker. If circuit breaker opens again, do not reset.
2. Revert to Standby Instruments (Altitude, Airspeed).
3. Land as soon as practical.

PFD Display Failure

1. Display BackupACTIVATE
2. Land as soon as practical.

Unusual Attitude

Inadvertent Spin Entry

1. CAPS Activate

Inadvertent Spiral Dive During IMC Flight

1. Power Lever IDLE
2. Stop the spiral dive by using coordinated aileron and rudder control while referring to the attitude indicator and turn coordinator to level the wings.
3. Cautiously apply elevator back pressure to bring airplane to level flight attitude.
4. Trim for level flight.
5. Set power as required.
6. Use autopilot if functional otherwise keep hands off control yoke, use rudder to hold constant heading.
7. Exit IMC conditions as soon as possible.

Environmental System Emergencies

Carbon Monoxide Level High

CO LVL HIGH

1. Air Conditioner (if installed) OFF
 2. Temperature Selector COLD
 3. Vent Selector FEET/PANEL/DEFROST POSITION
 4. Airflow Selector SET AIRFLOW TO MAXIMUM
 5. Panel Eyeball Outlets OPEN
- If CO LVL HIGH does not extinguish:*
6. Supplemental Oxygen (if available)
 - a. Oxygen Masks or Cannulas DON
 - b. Oxygen System ON
 - c. Oxygen Flow Rate MAXIMUM
 7. Cabin Doors PARTIALLY OPE
 8. Land as soon as possible.

CIRRUS PILOT CHECKLIST

MODEL SR20

CAPS Deployment

1. Airspeed **MINIMUM POSSIBLE**
2. Mixture (If time and altitude permit) **CUTOFF**
3. Activation Handle Cover **REMOVE**
4. Activation Handle **PULL STRAIGHT DOWN**

After deployment:

5. Mixture **CHECK, CUTOFF**
6. Fuel Selector **OFF**
7. Bat-Alt Master Switches **OFF**
8. Ignition Switch **OFF**
9. Fuel Pump **OFF**
10. ELT **ON**
11. Seat Belts and Harnesses **TIGHTEN**
12. Loose Items **SECURE**
13. Assume emergency landing body position.
14. After airplane comes to a complete stop, evacuate quickly and move upwind.

Other Emergencies**Power Lever Linkage Failure**

1. Power Lever Movement **VERIFY**
2. Power **SET if able**
3. Flaps **SET if needed**
4. Mixture **AS REQUIRED (full rich to cut-off)**
5. Land as soon as possible.

Emergency Engine Shutdown On Ground

1. Power Lever **IDLE**
2. Fuel Pump (if used) **OFF**
3. Mixture **CUTOFF**
4. Fuel Selector **OFF**
5. Ignition Switch **OFF**
6. Bat-Alt Master Switches **OFF**

CAPS / OTHER

Circuit Breaker Panel

							AVIONICS
			ALT1		ALT2		STDBY ATTD #2
					ENGINE INSTR		MFD #2
			EVS CAMERA		STALL WARNING		CABIN LIGHTS
			12V DC OUTLET		ROLL TRIM		FUEL QTY
	CABIN AIR CONTROL		MFD #1		PITCH TRIM		AP SERVOS
	CABIN FAN				ESSENTIAL POWER		KEYPADS / AP CTRL
	STARTER		AVIONICS FAN 2		BAT 2		
	AVIONICS FAN 1		GPS NAV GIA 2		GPS NAV GIA 1		DME / ADF
	RECOG LIGHTS		COM 2		COM 1		AUDIO PANEL
	NAV LIGHTS		AHRS 2		ADC 1		WEATHER
	STROBE LIGHTS				AHRS 1		XPONDER
	PITOT HEAT		FUEL PUMP		STDBY ATTD #1		TRAFFIC
	FLAPS		PFD #2		PFD #1		

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