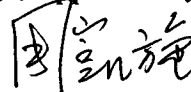


型号认可证数据单

THE VALIDATION DATA SHEET

编号/No:
版次/Revision: 1
型号/Type:
SR 20
SR 22

批准人/Approved By:



日期/Date: 2007 年 3 月 6 日

本数据单是型号认可证（编号：VTC0174A）的组成部分，它规定了符合中国民用航空总局的适航要求所颁发此型号认可证的产品状态和限制。

This data sheet, which is part of **Validation of Type Certificate (No:VTC0174A)**, prescribes condition and limitation under which the product for which the type certificate was issued meets the airworthiness requirements of the Chinese Civil Aviation Regulation.

型号认可证持有人/Validation of Type Certificate Holder:

Cirrus Design Corporation

4515 Taylor Circle

Duluth, MN 55811

U.S.A.

版次/Revision	1	0	1	1	0	0	0	1	0	0	0
有效页/Effective Page	1	2	3	4	5	6	7	8	9	10	11
版次/Revision	0	0									
有效页/Effective Page	12	13									

一.总则/GENERAL

1. SR 系列/ SR Series

型号/MODEL: SR 20 & SR 22

(正常类/ Normal Category)

2. 美国联邦航空局型号合格证: No. A00009CH.

Federal Aviation Administration Type Certificate: No. A00009CH.

型号/ MODEL: SR 20 (批准日期 1998 年 10 月 23 日/Approved October 23, 1998)

型号/ MODEL: SR 22 (批准日期 2000 年 11月30日/Approved November 30, 2000)

3. 美国联邦航空局型号合格证数据单: No. A00009CH, 第 8 版次, 颁发日期: 2005 年 10 月 13 日。

Federal Aviation Administration Type Certificate Data Sheet: No. A00009CH, Revision 8, Date of Issued: October 13, 2005.

型号认可证数据单

THE VALIDATION DATA SHEET

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SR 22

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周凯旋

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Federal Aviation Administration Type Certificate Data Sheet: No. A00009CH, Revision 8, Date of Issued: October 13, 2005.

4. 美国联邦航空局生产许可证: No. 338CE, 颁发日期: 2000 年 6 月 12 日。

Federal Aviation Administration Production Certificate No. 338CE, Date of Issued:
June 12, 2000.

型号/ MODEL: SR 20 (颁发日期 2000 年 6 月 12 日/Approved June 12, 2000)

型号/ MODEL: SR 22 (修正日期 2000 年 12 月 8 日/Amendment December 8, 2000)

二. 合格审定基础/CERTIFICATION BASIS

1. 美国联邦航空局型号合格审定基础: 见美国联邦航空局型号合格证数据单: No. A00009CH, 第 7 版。/ Federal Aviation Administration Certification Basis: As defined in Federal Aviation Administration Type Certificate Data Sheet No. A00009CH, Revision 7.

(1) 联邦航空条例/The Federal Aviation Regulations

型号/ MODEL: SR 20

1965 年 2 月 1 日生效的联邦航空条例第 23 部, 及修正案从 23-1 至 23-47, 除下述条款外:

/Part 23 of the Federal Aviation Regulations effective February 1, 1965, as amended by 23-1 through 23-47, except as follows:

FAR 23.573, 23.575, 23.611, 23.657, 23.673 条款, 修正案至 23-48。/FAR 23.573, 23.575, 23.611, 23.657, 23.673 through Amendment 23-48;

FAR 23.783, 23.785, 23.867, 23.1303, 23.1307, 23.1309, 23.1311, 23.1321, 23.1323, 23.1329, 23.1361, 23.1383, 23.1401, 23.1431, 23.1435 条款, 修正案至 23-49。/FAR 23.783, 23.785, 23.867, 23.1303, 23.1307, 23.1309, 23.1311, 23.1321, 23.1323, 23.1329, 23.1361, 23.1383, 23.1401, 23.1431, 23.1435 through Amendment 23-49;

FAR 23.3, 23.25, 23.143, 23.145, 23.155, 23.1325, 23.1521, 23.1543, 23.1555, 23.1559, 23.1567, 23.1583, 23.1585, 23.1589 条款, 修正案至 23-50。/FAR 23.3, 23.25, 23.143, 23.145, 23.155, 23.1325, 23.1521, 23.1543, 23.1555, 23.1559, 23.1567, 23.1583, 23.1585, 23.1589 through Amendment 23-50;

FAR 23.777, 23.779, 23.901, 23.907, 23.955, 23.959, 23.963, 23.965, 23.973, 23.975, 23.1041, 23.1091, 23.1093, 23.1107, 23.1121, 23.1141, 23.1143, 23.1181, 23.1191, 23.1337 条款, 修正案至 23-51。/FAR 23.777, 23.779, 23.901, 23.907, 23.955, 23.959, 23.963, 23.965, 23.973, 23.975, 23.1041, 23.1091, 23.1093, 23.1107, 23.1121, 23.1141, 23.1143, 23.1181, 23.1191, 23.1337 through Amendment 23-51;

FAR 23.1305 条款, 修正案至 23-52。/FAR 23.1305 through Amendment 23-52.

型号/ MODEL: SR 22

1965 年 2 月 1 日生效的联邦航空条例第 23 部, 及修正案从 23-1 至 23-53, 除下述条款外:

/Part 23 of the Federal Aviation Regulations effective February 1, 1965, as amended by 23-1 through 23-53, except as follows:

FAR 23.301 条款, 修正案至 23-47。/FAR 23.301 through Amendment 47;

FAR 23.855, 23.1326, 23.1359 条款, 不适用。/FAR 23.855, 23.1326, 23.1359, not applicable.

适用所有型号 / Data Pertinent to All Models:

1969 年 12 月 1 日生效的联邦航空条例第 36 部, 及至型号合格审定之日的最新修正案。/FAR 36 dated December 1, 1969, as amended by current amendment as of the date of type Certification.

(2) 等效安全/The Equivalent Safety

安全问题纪要 (ACE-96-5) 中等效安全项目的安全水平。对于SR20, SR22两种型号飞机, 参照1998年6月10日的联邦航空局“等效安全水平”信函, 实施了联邦法典第14部FAR23. 221的每一款项。/Equivalent Safety Items Equivalent Levels of Safety finding (ACE-96-5) made per the provisions of 14 CFR Part 23.221; Refer to FAA ELOS letter dated June 10, 1998 for models SR20, SR22.

安全问题纪要 (ACE-00-09) 的等效水平。对于SR22型号飞机, 参照2000年9月11日的联邦航空局“等效安全水平”信函, 实施了联邦法典第14部FAR23. 1143(g) 和23. 1147(b) 的款项。/Equivalent Levels of Safety finding (ACE-00-09) made per the provisions of 14 CFR Part 23.1143(g) and 23.1147(b); Refer to FAA ELOS letter dated September 11, 2000 for model SR22.

安全问题纪要 (ACE-01-01) 的等效水平。对于SR20型号飞机, 参照2001年2月14日的联邦航空局“等效安全水平”信函, 实施了联邦法典第14部FAR23. 1143(g) 和23. 1147(b) 的款项。/Equivalent Levels Of Safety finding (ACE-01-01) made per the provisions of 14 CFR Part 23.1143(g) and 23.1147(b); Refer to FAA ELOS letter dated February 14, 2001 for model SR20.

(3) 专用条件/The Special Conditions

弹道降落伞专用条件(23-ACE-88)。/Special Conditions 23-ACE-88 for ballistic parachute.

系统保护的高强度辐射场(HIRF) (23-134-SC)。/23-134-SC for protection of systems for High Intensity Radiated Fields (HIRF).

可充气式约束系统(23-163-SC)。/for inflatable restraint system.

2. 中国民用航空总局认可美国联邦航空局确定的型号合格审定基础, 同时认为其达到了对CCAR-23-R2 的等效安全水平。

CAAC accepts the Certification Basis of Federal Aviation Administration as the Validation Basis, which CAAC considers being at the equivalent level of safety of CCAR-23-R2.

三. 技术特性和使用限制 / TECHNICAL CHARACTERISTICS AND OPERATIONAL LIMITATIONS

I 型号 SR 20 / Model SR 20

发动机/Engine 1 台泰勒达因大陆公司发动机, 型号为: IO-360-ES。型号合格证数据单(TCDS) (No. E1CE)。/1 Teledyne Continental Engine, IO-360-ES. Type Certificate Data Sheet(TCDS) (No. E1CE)

发动机使用限制/ Engine Operation Limits

	马力/ HP	发动机转速/ r. p. m
- 最大起飞/Maximum Take-off	200	2700
- 最大连续/Maximum Continuous Power	200	2700

螺旋桨和螺旋桨限制/
Propeller and
Propeller Limits

1. 一副哈兹热尔螺旋桨公司的零件编号为:BHC-J2YF-1BF/F7694
的螺旋桨, 型号合格证数据单编号: P37EA。/ Hartzell
Propeller Inc. 1 P/N BHC-J2YF-1BF/F7694. TCDS P37EA.
最大直径/Maximum Diameter: 76 英寸/inches
最小直径/Minimum Diameter: 73 英寸/inches
桨叶数/Number of Blades: 2
低桨距角/Low Pitch: $14.6^{\circ} \pm 0.5^{\circ}$
高桨距角/High Pitch: $35.0^{\circ} \pm 1.0^{\circ}$
转数在每分钟1900-2200之内, 不得在歧管压力24英寸之上使用。/Not to be operated above 24 inches of manifold pressure
between 1900 and 2200 RPM.
桨帽: 哈兹热尔螺旋桨公司零件编号: A-2295(P)。注: 该桨帽
可喷漆或抛光。/Spinner: Hartzell P/N A-2295(P) NOTE:
Spinner may be painted or polished.
2. 一副哈兹热尔螺旋桨公司的零件编号为:
PHC-J3YF-1MF/F7392-1的螺旋桨, 型号合格证数据单编号:
P36EA。/Hartzell Propeller Inc. 1 P/N
PHC-J3YF-1MF/F7392-1. TCDS P36EA.
最大直径/Maximum Diameter: 74 英寸/inches
最小直径/Minimum Diameter: 72 英寸/inches
桨叶数/Number of Blades: 3
低桨距角/Low Pitch: $14.1^{\circ} \pm 0.5^{\circ}$
高桨距角/High Pitch: $35.0^{\circ} \pm 1.0^{\circ}$
直到每分钟转数2800不限制使用。/No operating limitations
to 2800 RPM
桨帽: 哈兹热尔螺旋桨公司零件编号: A-2295-1P。/Spinner:
Hartzell P/N A-2295-1P.
3. 一副哈兹热尔螺旋桨公司的零件编号为:
PHC-J3YF-1RF/F7392-1的螺旋桨, 型号合格证数据单编号:
P36EA。/Hartzell Propeller Inc. 1 P/N
PHC-J3YF-1RF/F7392-1. TCDS P36EA.
最大直径/Maximum Diameter: 74 英寸/inches
最小直径/Minimum Diameter: 72 英寸/inches
桨叶数/Number of Blades: 3
低桨距角/Low Pitch: $14.1^{\circ} \pm 0.5^{\circ}$
高桨距角/High Pitch: $35.0^{\circ} \pm 1.0^{\circ}$
直到每分钟转数2800不限制使用。/No operating limitations
to 2800 RPM
桨帽: 哈兹热尔螺旋桨公司零件编号: A-2295-1(P)。注: 该桨
帽可喷漆或抛光。/Spinner: Hartzell P/N A-2295-1(P) .
NOTE: Spinner may be painted or polished.

滑油压力/ Oil Pressure	-最低/Minimum	10	(psi)
	-最高/Maximum	100	(psi)
	最高冷启动/Max at cold start	100	(psi)
空速限制(指示空速. 节)/ Airspeed Limits (KIAS)	出厂序列号 1148 至以后的飞机; 及其出厂序列号 1005 至 1148 的飞机, 如完成西锐服务通告 SB 20-01-00 的飞机。 / S/N 1148 and subsequent, and S/N 1005 thru 1147 if Cirrus Service Bulletin SB 20-01-00 is complied with:		
	V _{NE} (不许超越速度/Never exceed speed)	200	
	V _{NO} (最大结构巡航速度/Maximum structural cruising speed)	165	
	V _O (3000 磅/lbs) (机动速度/Maneuvering speed)	131	
	V _O (2600 磅/lbs) (机动速度/Maneuvering speed)	122	
	V _O (2300 磅/lbs) (机动速度/Maneuvering speed)	114	
	V _{FE} ((襟翼放下速度/Flap extended speed)	100	
	V _{PD} (最大开伞速度/Maximum Parachute Deployment speed)	135	
最大重量(质量)/ Maximum Weight (Mass)	出厂序列号1148至以后的飞机; 及其出厂序列号1005至1148的飞机, 如完成西锐公司服务通告SB 20-01-00的飞机。 / S/N 1148 and subsequent, and S/N 1005 thru 1147 if Cirrus Service Bulletin SB 20-01-00 is complied with:		
		1bs	
	起飞/Takeoff	3000	
	着陆/Landing	2900	
	零燃油/Zero Fuel:	2900	
总燃油容积/Fuel Capacity Total	60.5加仑, 位于153.75英寸处。 / 60.5 gal at 153.75 inches.		
	可用燃油: 56 加仑(见注释 1)。 / Usable: 56 gal (See Note 1)		
滑油容积/Oil Capacity	7.6公升(8 夸脱), 位于76.2英寸处。 / 7.6 Liters (8 quarts) at 76.2 inches.		
制造序号/ Serial Numbers Eligible	从 1005 架起。 /1005 and on.		
燃油/ Fuel	100/100LL 最低等级航空汽油。 / 100/100LL minimum grade aviation gasoline.		
滑油/Oil	列出在经批准的公开出版物中, 详见《飞机飞行手册》。 /See Aircraft Flight Manual as listed in Approved Publications.		

重心范围/ C. G Range	出厂序列号 1148 至以后的飞机；及其出厂序列号 1005 至 1148 的飞机，如完成西锐公司服务通告 SB 20-01-00 的飞机。 / S/N 1148 and subsequent, and S/N 1005 thru 1147 if Cirrus Service Bulletin SB 20-01-00 is complied with: 前限：由2110磅的138.7英寸，线性地逐渐变化至2694磅，141.0英寸，又线性地直到3000磅的144.1英寸。 / Forward Limits: 138.7 inches at 2110 lbs with a straight line taper to 141.0 inches at 2694 lbs, and 144.1 inches at 3000 lbs. 后限：由 2110 磅的 144.6 英寸，线性地逐渐变化至 2570 磅，147.4 英寸，又线性地直到 2900 磅的 148.1 英寸，再线性地直到 3000 磅的 148.0 英寸。 / Aft Limits: 144.6 inches at 2110 lbs, with straight line taper to 147.4 inches at 2570 lbs, and to 148.1 inches at 2900 lbs, and 148.0 inches at 3000 lbs.		
最大行李重量/ Maximum Baggage	130磅，位于208英寸处。 / 130 Lbs. at 208 inches.		
最小飞行机组/ Minimum Crew	1 名飞行员。 / 1 Pilot.		
最大乘员/Maximum Occupants	4人(2人位于基准后143.5英寸处，2人位于基准后180.0英寸处)。 / 4 (2 at 143.5 inches aft of datum, 2 at 180 inches aft of datum)		
飞行载荷系数/Flight Load Factors	襟翼收上/Flaps up (0%)	+3.8g	-1.9g
	襟翼放下/Flaps down (50%)	+1.9g	-0.0g
	襟翼全放/Flaps Full down (100%)	+1.9g	-0.0g
最大使用高度/ Maximum Operating Altitude	携带手提式氧气系统，飞机限制高度为17,500 英尺(平均海平面)。 / With a portable oxygen system, the aircraft is limited to 17,500 ft MSL. 据运行规则要求，必须提供氧气。仅手提式氧气系统经允许列入美国联邦航空局批准的《飞机飞行手册》[编号：11934-002]中，及该手册其后的更改。 / Oxygen must be provided as required by the operating rules. Only portable oxygen systems listed in the FAA Approved Airplane Flight Manual, document number 11934-002, or later FAA approved revisions, are allowed.		

设计资料/ Design Data 该飞机应依据美国联邦航空局批准的最新版次的《主图纸清单》[编号: 13750]进行制造, 或其它美国联邦航空局批准的资料。注: 文件[编号: 12609]是文件[编号: 13750]的前身。/ The airplane shall be manufactured in accordance with the latest FAA approved revision of "Master Drawing List", Document No. 13750, or other FAA approved data. NOTE: Document No. 12609 is the predecessor document to Document No. 13750.

操纵面偏度/ Control Surface Movements 襟翼/Wing Flaps:
 上偏/Up: $0^{\circ} \pm 0.5^{\circ}$ 下偏50%/ Down 50% : $16^{\circ} \pm 0.5^{\circ}$
 下偏/Down 100% : $32^{\circ} \pm 0.5^{\circ}$
 副翼/Aileron:
 上偏/Up: $12.5^{\circ} \pm 1.0^{\circ}$ 下偏/Down: $12.5^{\circ} \pm 1.0^{\circ}$
 副翼调整片/Aileron Trim:
 上偏/Up: $6.0^{\circ} \pm 1.0^{\circ}$ 下偏/Down: $6.0^{\circ} \pm 1.0^{\circ}$
 升降舵/Elevator:
 上偏/Up: $25.0^{\circ} \pm 1.0^{\circ}$ 下偏/Down: $15^{\circ} \pm 1.0^{\circ}$
 升降舵配平调整片/Elevator Trim:
 最低上偏/Minimum Up: 17.0° 下偏/ Down $10.5^{\circ} \pm 1.0^{\circ}$
 方向舵/Rudder:
 右偏/Right: $20.0^{\circ} \pm 1.0^{\circ}$ 左偏/Left: $20.0^{\circ} \pm 1.0^{\circ}$

附加限制/ Additional Limitations 机身寿命: 12,000 飞行小时。/ Airframe life limit: 12,000 flight hours.

II 型号 SR 22 / Model SR 22

发动机/Engine 1 台泰勒达因大陆公司发动机, 型号为: IO-550-N。型号合格证数据单(TCDS) (No. E3S0)。/1 Teledyne Continental Engine, IO-550-N. Type Certificate Data Sheet(TCDS) (No. E3S0)

发动机使用限制/ Engine Operation Limits

	马力/ HP	发动机转速/ r. p. m
- 最大起飞/Maximum Take-off	310	2700
- 最大连续/Maximum Continuous Power	310	2700

螺旋桨和螺旋桨限制/ Propeller and Propeller Limits	1. 一副哈兹热尔螺旋桨公司的零件编号为:BHC-J2YF-1BF/F7694 或BHC-J2YF-1BF/F7694B的螺旋桨, 型号合格证数据单编号: P36EA。/Hartzell Propeller Inc. 1 P/N PHC-J3YF-1RF/F7694 or F7694B. TCDS P36EA Hartzell. 最大直径/Maximum Diameter: 78 英寸/inches 最小直径/Minimum Diameter: 76 英寸/inches 桨叶数/Number of Blades: 3 低桨距角/Low Pitch: 14.1° +/-0.5° 高桨距角/High Pitch: 35.0° +/-1.0° 不得超过每分钟2700转的限制。/No operating Limitations to 2700 RPM. 桨帽: 哈兹热尔螺旋桨公司零件编号: A-2295-1(P)。注: 该桨 帽可喷漆或抛光。/Spinner: Hartzell P/N A-2295-1(P) NOTE: Spinner may be painted or polished. 2. 一副哈兹热尔螺旋桨公司的零件编号为: PHC-J3YF-1RF/F7693DF 或 F7693DFB的螺旋桨, 型号合格证数 据单编号: P36EA。/Hartzell Propeller Inc. 1 P/N PHC-J3YF-1RF/F7693DF or F7693DFB. TCDS P36EA. 最大直径/Maximum Diameter: 78 英寸/inches 最小直径/Minimum Diameter: 76 英寸/inches 桨叶数/Number of Blades: 3 低桨距角/Low Pitch: 12.0° +/-0.5° 高桨距角/High Pitch: 40.0° +/-1.0° 不得超过每分钟2700转的限制。/No operating Limitations to 2700 RPM. 桨帽: 哈兹热尔螺旋桨公司零件编号: A-2295-1(P)。注: 该桨 帽可喷漆或抛光。/Spinner: Hartzell P/N A-2295-1(P) . NOTE: Spinner may be painted or polished.		
滑油压力/ Oil Pressure	-最低/Minimum	10	(psi)
	-最高/Maximum	100	(psi)
	-最高冷启动/Max at cold start	100	(psi)

型号认可证数据单/The Validation Data Sheet

空速限制(指示空速. 节)/ Airspeed Limits (KIAS)	VNE(不许超越速度/Never exceed speed) VNO(最大结构巡航速度/Maximum structural cruising speed) Vo (3400 磅/lbs) (机动速度/Maneuvering speed) Vo (2900 磅/lbs) (机动速度/Maneuvering speed) Vo (2400 磅/lbs) (机动速度/Maneuvering speed) VFE((襟翼放下速度/Flap extended speed) VPD(最大开伞速度/Maximum Parachute Deployment speed)	204 180 133 124 112 104 133
最大重量/Maximum Weight	3400 磅/lbs	
总燃油容积/Fuel Capacity Total	318.0公升(84加仑), 位于154.9英寸处。/318.0 Liters (84 gal) at 154.9 inches. 可用燃油:306.6 公升(81 加仑) (见注释1) ./ Usable: 306.6 Liters (81 gal) (See Note 1)	
滑油容积/Oil Capacity	7.6公升(8 夸脱), 位于77.1英寸处。 / 7.6 Liters (8 quarts) at 77.1 inches.	
制造序号/ Serial Numbers Eligible	从0001架起。/0001 and on.	
燃油/ Fuel	100/100LL 最低等级航空汽油。 / 100/100LL minimum grade aviation gasoline.	
滑油/Oil	列出在经批准的公开出版物中, 详见《飞机飞行手册》。/See Aircraft Flight Manual as listed in Approved Publications.	
重心范围/ C.G Range	前限: 由2200磅的138.0英寸, 线性地逐渐变化至2700磅的139.1英寸, 又线性地直到3210磅的141.4英寸, 再线性地直到3400磅的143.8英寸。/ Forward Limits: 138.0 inches at 2200 lbs with a straight line taper to 139.1 inches at 2700 lbs, and to 141.4 inches at 3210 lbs , and 143.8 inches at 3400 lbs. 后限: 由 2200 磅的 148.1 英寸, 线性地逐渐变化至 3400 磅, 148.1 英寸。 / Aft Limits: 148.1 inches at 2200 lbs, with straight line to 148.1 inches at 3400 lbs.	
最大行李重量/ Maximum Baggage	130磅, 位于208英寸处。 / 130 Lbs. at 208 inches.	
最小飞行机组/	1 名飞行员。 / 1 Pilot.	

Minimum Crew

最大乘员/Maximum Occupants 4人(2人位于基准后143.5英寸处, 2人位于基准后180.0英寸处)。/
4 (2 at 143.5 inches aft of datum, 2 at 180 inches aft of datum)

飞行载荷系数/Flight Load Factors	襟翼收上/Flaps up (0%)	+3.8g	-1.9g
	襟翼放下/Flaps down (50%)	+1.9g	-0.0g
	襟翼全放/Flaps Full down (100%)	+1.9g	-0.0g

最大使用高度/ Maximum Operating Altitude 携带手提式氧气系统, 飞机限制高度为17,500 英尺(平均海平面)。
/ With a portable oxygen system, the aircraft is limited to 17,500 ft MSL.
据运行规则要求, 必须提供氧气。仅手提式氧气系统经允许列入美国联邦航空局批准的《飞机飞行手册》[编号: 13772-001]中, 及该手册其后的更改。/ Oxygen must be provided as required by the operating rules. Only portable oxygen systems listed in the FAA Approved Airplane Flight Manual, document number 13772-001, or later FAA approved revisions, are allowed.

设计资料/ Design Data 该飞机应依据美国联邦航空局批准的最新版次的《主图纸清单》[编号: 13750]进行制造, 或其它美国联邦航空局批准的资料。/ The airplane shall be manufactured in accordance with the latest FAA approved revision of "Master Drawing List", Document No. 13750, or other FAA approved data.

操纵面偏度/ Control Surface Movements

襟翼/Wing Flaps:
上偏/Up: $0^{\circ} \pm 0.5^{\circ}$ 下偏50%/ Down 50% : $16^{\circ} \pm 0.5^{\circ}$
下偏/Down 100% : $32^{\circ} \pm 0.5^{\circ}$

副翼/Aileron:
上偏/Up: $12.5^{\circ} \pm 1.0^{\circ}$ 下偏/Down: $12.5^{\circ} \pm 1.0^{\circ}$

副翼调整片/Aileron Trim:
上偏/Up: $6.0^{\circ} \pm 1.0^{\circ}$ 下偏/Down $6.0^{\circ} \pm 1.0^{\circ}$

升降舵/Elevator:
上偏/Up: $25.0^{\circ} \pm 1.0^{\circ}$ 下偏/Down: $15^{\circ} \pm 1.0^{\circ}$

升降舵配平调整片/Elevator Trim:
最低上偏/ Minimum Up: 17.0° 下偏/ Down $10.5^{\circ} \pm 1.0^{\circ}$

方向舵/Rudder:
右偏/Right: $20.0^{\circ} \pm 1.0^{\circ}$ 左偏/Left: $20.0^{\circ} \pm 1.0^{\circ}$

附加限制/ Additional Limitations	机身寿命: 12,000 飞行小时。/ Airframe life limit: 12,000 flight hours.
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III 适用所有型号 / Data Pertinent to All Models

参考基准/ Reference Datum	防火墙壁前 100 英寸。/ 100 inches in front of the forward face of firewall bulkhead.
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水平措施/ Leveling Means	门槛和水平点按《飞机飞行手册》所定义。/ Door sill and leveling points as defined in AFM.
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所要求的设备/ Required Equipment	适用适航条例(见合格审定基础)合格审定所要求的基本设备必须安装在飞机上。/The basic required equipment as prescribed in the applicable airworthiness regulations (See Certification Basis) must be installed in the airplane for certification.
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除了上述要求设备之外, 下述设备也是所要求的: /In addition to the above required equipment, the following equipment are also required:

- 美国联邦航空局最新批准版次的《西锐公司 SR20 型飞机飞行员使用手册暨美国联邦航空局批准的飞机飞行手册》, 编号为: 11934-002 者适用于序列号 1005 至 1147 中和序列号 1048 至 1267, 最大起飞重量为 3000 磅的飞机; 或编号为: 11934-003 者适用于序列号 1268 起及之后的飞机。/The latest FAA approved Revision of the “PILOT’ S OPERATING HANDBOOK AND FAA APPROVED AIRPLANE FLIGHT MANUAL for the CIRRUS DESIGN SR20”, Document No. 11934-002 for aircraft serials 1005 through 1147 with 3000 pound TOGW and for aircraft serials 1148 through 1267, or Document No. 11934-003 for aircraft serials 1268 and on.

- 美国联邦航空局最新批准版次的《西锐公司 SR22 型飞机飞行员使用手册暨美国联邦航空局批准的飞机飞行手册》, 编号为: 13772-001。/The latest FAA approved Revision of the “PILOT’ S OPERATING HANDBOOK AND FAA APPROVED AIRPLANE FLIGHT MANUAL for the CIRRUS DESIGN SR22”, Document No. 13772-001.

标牌/ Placards	已批准的《飞机飞行手册》中给出了所要求的全部标牌。/All Placards required in the Approved Aircraft Flight Manual.
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时限件/ Life Limited Parts	时限件开列在下列文件的第四章中: /Components which are life limited are listed in the chapter 4 of: - 《SR20 飞机维修手册》编号: NO.12137-001。/ SR20 Airplane
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Maintenance Manual, Document NO. 12137-001;
- 《SR22 飞机维修手册》编号: NO. 13773-001。 / SR22 Airplane
Maintenance Manual, Document NO. 13773-001.

注释 1/NOTE 1 需要时, 每架飞机必须提供包括了合格审定的含有设备清单的空机的最新重量平衡报告和原始合格审定时的装载说明书。合格审定空机重量和装载相应重心位置必须包括不可用燃油, 对于SR20型飞机是27磅(位于+153.8英寸), 对于SR22型飞机是18磅(位于+154.9英寸)。 / A current weight and balance report including list of equipment included in the certificated empty weight, and loading instructions when necessary must be provided for each aircraft at the time of original certification. The certificated empty weight and loading corresponding center of gravity location must include unusable fuel of 27 lb. at (+153.8 inches) for model SR20; and unusable fuel of 18 lb at (+154.9 inches) for model SR22.

注释 2/NOTE 2 美国联邦航空局最新批准版次的《西锐公司 SR20 型飞机飞行员使用手册暨美国联邦航空局批准的飞机飞行手册》[编号为: 11934-002 或 11934-003]和《西锐公司 SR22 型飞机飞行员使用手册暨美国联邦航空局批准的飞机飞行手册》[编号为: 13772-001]中规定的所有标牌必须展示在飞机上的适当位置。这两份文件还规定了外部颜色限制。 / All placards specified in the latest FAA approved revisions of the "PILOT'S OPERATING HANDBOOK AND FAA APPROVED AIRPLANE FLIGHT MANUAL FOR THE CIRRUS SR20", document number 11934-002 or 11934-003 and the latest FAA approved revisions of the "PILOT'S OPERATING HANDBOOK AND FAA APPROVED AIRPLANE FLIGHT MANUAL FOR THE CIRRUS SR22" document number 13772-001 must be displayed in the airplane in the appropriate locations. Exterior colors are to be limited to those specified in the latest FAA approved revisions of the "PILOT'S OPERATING HANDBOOK AND FAA APPROVED AIRPLANE FLIGHT MANUAL FOR THE CIRRUS SR20" Document 11934-002 and latest FAA approved revisions of the "PILOT'S OPERATING HANDBOOK AND FAA APPROVED AIRPLANE FLIGHT MANUAL FOR THE CIRRUS SR22" document number 13772-001.

注释 3/NOTE 3 美国联邦航空局批准的对于检查时间和维修检查的适航性限制包括在《飞机维修手册》的第四章和第五章中, 对于 SR20 型飞机, 该手册编号为: 12137-001; 对于 SR22 型飞机, 该手册编号为: 13773-001。 / FAA approved Airworthiness Limitations for inspection time limits and maintenance checks are included in Section 4 and 5 of the Airplane Maintenance Manual (AMM) Document No. 12137-001 for model SR20, and 13773-001 for model SR22.

注释 4/NOTE 4 外部颜色限定为美国联邦航空局最新批准版次的《飞机维修手册》中所规定的颜色, 对于 SR20 型飞机, 该手册编号为: 12137-001; 对于 SR22 型

飞机, 该手册编号为: 13773-001。/Exterior colors are limited to those specified in the latest FAA approved revision of the Airplane Maintenance Manual (AMM) Document No. 12137-001 for model SR20, and 13773-001; for model SR22.

注释 5/NOTE 5

主要结构维修必须依据美国联邦航空局批准的西锐公司飞机修正方法, 或美国联邦航空局批准的其它方法。/Major structural repairs must be accomplished in accordance with FAA approved Cirrus Design repair methods or other methods approved by the FAA.

-END-