

THE VALIDATION DATA SHEET

日期/Date: 2015-03-02

This data sheet, which is part of Validation of Type Certificate(No: VTC0315A), 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.

2099 GEORGIA HIGHWAY 133 SOUTH
MOULTRIE, GEORGIA 31768

[illegible]

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第 1 部分概述 (所有型别)

SECTION 1 GENERAL(ALL MODELS)

1. CAAC 认可数据单和型号合格证数据单

CAAC Validation Data Sheet and Type Certificate Data Sheet

	中国民用航空局认可数据单号、版次和颁发日期 CAAC Validation Data Sheet Number, Revision and issuance date	型号合格证数据单号、版次和颁发日期 Type Certificate Data Sheet Number, Revision and issuance date
当前 Current	VTC0428A 版次/Revision 0 2015-03-02	MXT-7-180 No.3A23 Revision 31, 2012-04-09 M-9-235 No.3A23 Revision 31, 2012-04-09
历史 History		

2. 认可当局/Validation Authority:

中国民用航空局/CAAC

审定当局/Certifying Authority:

美国联邦航空局/FAA

3. 型号合格证持有人/Type Certificate Holder:

Maule Aerospace Technology, Inc.
2099 Georgia Highway 133 South
Moultrie, Georgia 31768

4. 进口要求/Import Requirements:

为具备在中国运行的资格, 按本型号认可证制造的每架飞机必须具有一份出口适航证, 其上签注有出口国适航当局的审定声明, 即: 本架航空器符合 CAAC 所批准的型号设计并处于可安全运行的状态。

To be considered eligible for operation in China, each aircraft manufactured under this Validation of Type Certificate must be accompanied by a certificate of airworthiness for export endorsed by the Exporting Authority which states (in English language): This aircraft conforms to its CAAC type design and is in a condition for safe operation.

第 2 部分 MXT-7-180 型飞机

4/5 座, 封闭座舱、陆上型单翼飞机 (正常类), 1990 年 11 月 9 日批准

SECTION 2 Model MXT-7-180Model MXT-7-180 4/5 PCLM (Normal Category), Approved November 9, 1990**I. 总则/General**

1. 衍生型或型别/Variant or Model: MXT-7-180
 适航类别/Airworthiness Category: 正常类航空器/Normal Category aircraft
 型号合格证持有人/Type Certificate Holder: Maule Aerospace Technology, Inc.
 2099 Georgia Highway 133 South
 Moultrie, Georgia 31768
2. FAA 批准日期/FAA Approved Date: 1990.11.09/November 9, 1990
3. CAAC 批准日期/CAAC Approved Date: 2015.03.02/March 02, 2015

II. 技术特征和运行限制/Technical Characteristics and Operational Limitations

- 发动机 莱康明公司制造的 0-360-C1F, CAAC 型号认可证编号 VTC0170E
 Engine Lycoming 0-360-C1F, CAAC Validation Type Certificate No. VTC0170E
- 燃油 最低航空汽油等级 100/100LL
 Fuel 100/100LL minimum grade aviation gasoline
- 发动机限制 在所有使用情况下, 2700 转/分钟, 180 hp
 Engine Limits 180 hp at 2700 rpm all operations
- 螺旋桨及螺旋桨限制 Hartzell 恒速型号: HC-C2YR-1BF/766A, CAAC 型号认可证编号 VTC0156P
 直径: 不超过 76 英寸, 不小于 72 英寸
 30" in.sta 俯仰设置: 低 12°, 高 27.8° 到 29.8°
 避免在 2000 至 2250rpm 间连续运转
 McCauley 恒速 3 叶型号: B3D32C414-C/G-82NDA-8, CAAC 型号认可证 VTC0242P
 直径: 74 英寸
 30" sta.俯仰设置: 低 10.6° +0.2°, 高 27.5° +0.5°
 避免在 1900 至 2300rpm 间, 低于 10 英寸 HG 处连续运行
 桨毂盖: Hartzell 桨毂盖组件 A2298-2 (仅用于 Hartzell 螺旋桨)
 McCauley 桨毂盖组件 D-6240 (仅用于 McCauley 螺旋桨)
 调速器: Woodward H210681
 McCauley C290D3(X)/T29 或 DC290D1(X)/T12
- Propeller and 螺旋桨恒速型号 HC-C2YR-1BF/766A, CAAC VTC No. VTC0156P
 propeller limits Diameter: Not over 76 in., not under 72 in.
 Pitch settings at 30" in. sta. : low 12° high 27.8° to 29.8°
 Avoid continuous operation between 2000 and 2250 rpm.
 McCauley constant speed 3-blade model B3D32C414-C/G-82NDA-8, CAAC VTC No. VTC0242P
 Diameter: 74 in.
 Pitch settings at 30" sta: low 10.6° +0.2° high 27.5° +0.5°

	Avoid continuous operation below 10 inches HG between 1900 and 2300 rpm.	
	Spinner:	Hartzell spinner assembly A2298-2 (use with Hartzell propeller only) McCauley spinner assembly D-6240 (use with McCauley propeller only)
	Governor:	Woodward H210681 McCauley C290D3(X)/T29 or DC290D1(X)/T12
空速限制 (IAS)	陆上飞机和水上飞机 (见注 11)	
Airspeed Limits(IAS)	Landplane and Floatplane: (See NOTE 11)	
重心范围	陆地型:	(+15.9)到(+20.5), 2500 磅 (+12.4)到(+20.5), 1740 磅及以下
	水面型:	Aqua 2200 浮筒: (+13.9)到(+20.5), 2500 磅 (+10.5)到(+20.5), 1600 磅及以下 给定点之间线性变化
CG Range	Landplane:	(+15.9) to (+20.5) at 2500 lbs. (+12.4) to (+20.5) at 1740 lbs. or less
	Floatplane:	Aqua 2200 Floats: (+13.9) to (+20.5) at 2500 lbs. (+10.5) to (+20.5) at 1600 lbs. or less Straight line variation between points given.
空机重心	无	
Empty Wt. C.G. Range	None	
最大重量	2500 磅	
Maximum weight	2500 lbs.	
座位数	4 (2 at+20, 2 at+53) 选装: 5 (2 at+20, 2 at+53, 1 at+78)	
Number of seats	4 (2 at+20, 2 at+53) Optional 5 (2 at +20, 2 at +53, 1 at +78)	
最大行李数	100 磅 (+20), 175 磅 (+42), 125 磅 (+70)	
Maximum baggage	100 lbs. (+20), 175lbs. (+42), 125 lbs. (+70)	
燃油容量	43 加仑 (可用 40 加仑; 2 个 21.5 加仑机翼油箱在+24 英寸处) 或 47.6 加仑 (可用 43 加仑; 2 个 23.8 加仑机翼油箱在+24 英寸处) 选装机翼辅助油箱 30 加仑 (可用 30 加仑, 2 个 15 加仑机翼油箱在+24 英寸处) 或 42 加仑 (可用 42 加仑, 2 个 21 加仑机翼油箱在+24 英寸处) (系统燃油数据见注 1)	
Fuel Capacity	43 gal. (40 gal. usable; two 21.5 gal. tanks in wings at +24) or 47.6 gal. (43 gal. usable; two 23.8 gal. tanks in wings at +24) Optional wing auxiliary tanks 30 gal. (30 gal. usable; two 15 gal. tanks in wings at +24) or 42 (42 gal. usable; two 21 gal. tanks in wings at +24) (See NOTE 1 for data on system fuel.)	

滑油容量 8 夸脱 (-36.5), 最小 2 夸脱 (系统滑油数据见注 1)
Oil Capacity 8 qt. (-36.5), 2 qt. Minimum (See NOTE 1 for data on system oil.)

操纵面位移 见注 12
Control Surface (See NOTE 12)
movements:

CAAC 认可审定基础

CAAC 接受 FAA 的审定基础为认可审定基础。

CAAC 附加技术要求:

中文标记标牌

安全带

CAAC Validation Basis

CAAC Accept the FAA's certification basis as Validation Basis.

CAAC Additional Technologic Conditions:

Chinese Placards and Marks

Seat Belt

制造人序列号 型号 MXT-7-180, s/n 14000C 及以上
Serial numbers eligible Model MXT-7-180, s/n 14000C and up

生产基础 生产许可证编号. 11S0
Production basis Production Certificate No. 11S0

第 3 部分 M-9-235 型飞机

4/5 座, 封闭座舱、陆上型单翼飞机 (正常类), 2012 年 4 月 9 日批准, 最终申请日期 2011 年 8 月 8 日

SECTION 3 Model M-9-235

4/5 PCLM (Normal Category). Approved April 9, 2012, Final application date August 8, 2011

I. 总则/General

1. 衍生型或型别/Variant or Model: M-9-235
 适航类别/Airworthiness Category: 正常类航空器/Normal Category aircraft
 型号合格证持有人/Type Certificate Holder: Maule Aerospace Technology, Inc.
 2099 Georgia Highway 133 South
 Moultrie, Georgia 31768
2. FAA 批准日期/FAA Approved Date: 2012.04.09/April 9, 2012
3. CAAC 批准日期/CAAC Approved Date: 2015.03.02/March 02, 2015

II. 技术特征和运行限制/Technical Characteristics and Operational Limitations

- 发动机 莱康明公司制造的 IO-540-W1A5, CAAC 型号认可证编号 VTC0025E
 Engine Lycoming IO-540-W1A5, CAAC VTC No. VTC0025E
- 燃油 最低航空汽油等级 100/100LL
 Fuel 100/100LL minimum grade aviation gasoline
- 发动机限制 所有使用情况下, 2400 转/分钟时 235hp
 Engine Limits 235 hp at 2400 rpm, all operations
- 螺旋桨和 螺旋桨限制 McCauley 恒速 3 叶型号: B3D32C414-[]/[]-82NDA-2, CAAC 型号认可证编号 VTC0242P
 直径: -2: 不超过 80 英寸, 不小于 76 英寸
 在 30 in.sta.下的俯仰设置: 低 11.3° ±0.2° 高 30.0° ±0.5°
 桨毂: McCauley 桨毂组件 D-6240
 调速器: McCauley DC290D1(X)/T14
- Propeller and McCauley constant speed 3-blade model B3D32C414-[]/[]-82NDA-2, CAAC VTC No. VTC0242P
- Propeller limits Diameter: -2: not over 80 in.; not under 76 in.
 Pitch settings at 30 in. sta.: low 11.3° ±0.2° high 30.0° ±0.5°
 Spinner: McCauley spinner assembly D-6240
 Governor: McCauley DC290D1(X)/T14
- 空速限制 (CAS) 陆地型: 不可逾越 180mph (156 节)
 最大结构巡航 145mph (126 节)
 机动 125mph (109 节)
 襟翼展态 94mph (82 节)
- Airspeed Limits(CAS) Landplane: Never exceed 180 mph (156 knots)
 Max. structural cruising 145 mph (126 knots)
 Maneuvering 125 mph (109 knots)
 Flaps extended 94 mph (82 knots)

重心范围	<u>陆地型:</u>	2800 磅 (+16.2) 到 (+20.5) 1700 磅及以下 (+12.5) 到 (+20.5) 给定点之间线性变化。
CG Range	<u>Landplane:</u>	(+16.2) to (+20.5) at 2800 lbs. (+12.5) to (+20.5) at 1700 lbs. or less Straight line variation between points given..
空机重心	无	
Empty Wt. C.G. Range	None	
最大重量	<u>陆地型:</u>	2800 磅
Maximum weight	<u>Landplane:</u>	2800 lbs.
基准:	防火墙前表面的较低部位	
Reference Datum:	Lower portion of front face of Firewall	
座位数量:	5 (2 个在+20 处, 2 个在+53 处, 1 个在+83 处)	
Number of Seats:	5(2 at +20, 2 at +53, 1 at +83)	
最大行李重量:	100 磅 (+20 处), 200 磅 (+42 处), 125 磅 (+72 处)	
Maximum Baggage:	100 lbs. (+20), 200 lbs. (+42), 125lbs. (+72)	
燃油容量	47.6 加仑 (43 加仑可用燃油; 2 个 23.8 加仑机翼油箱在+24 处) 机翼辅助油箱 42 加仑 (42 加仑可用燃油; 2 个 21 加仑机翼油箱在+24 处) (系统燃油数据见注 1)	
Fuel Capacity	47.6 gal. (43 gal. usable; two 23.8 gal. tanks in wings at +24) Wing auxiliary tanks 42 gal. (42 gal. usable; two 21 gal. tanks in wings at +24) (See NOTE 1 for data on system fuel.)	
滑油容量 (加仑)	8.0 夸脱 (-34 处), 最小 5 夸脱 (系统滑油数据见注 1)	
Oil Capacity(Gal.)	8 qt. (-34), 5 qt. minimum (See NOTE 1 for data on system oil.)	
操纵面位移	(见注 12)	
Control Surface		
Movements	(See NOTE 12)	
制造人序列号	Model M-9-235, s/n 36001C 及其以后	
Serial Numbers Eligible	Model M-9-235, s/n 36001C and up	
生产基础	生产许可证 No. 11S0	
Production basis	Production Certificate No. 11S0	

CAAC 认可审定基础

CAAC 接受 FAA 的审定基础为认可审定基础。

CAAC 附加技术要求:

中文标记标牌

安全带

CAAC Validation Basis

CAAC Accept the FAA's certification basis as Validation Basis.

CAAC Additional Technologic Conditions:

Chinese Placards and Marks

Seat Belt

第 4 部分 所有型号相关数据

SECTION 4 DATA PERTINENT TO ALL MODELS

基准 Datum	机翼前缘 Wing leading edge
配平方法 Leveling means	校平耳和标记在右机翼根底部 Leveling lug and mark on bottom side of right wing root.
审定基础	1956 年 5 月 15 日生效的民用航空规章 Part 3, 修正案 3-1 到 3-5 以及 3.705, 修正案 3-7; 14CFR 36 部修正案至 36-4*; 用于在 MXT-7-180 和 M-9-235 型号上取代 CAR3.435 的 23.955。 * 对于 1976 年到 2002 年间批准的各个型号, 根据§36.2 (在修正案 36-24 之前), 使用每个型号的批准日期时受影响的 36 部修正案。2002 年以后, 根据§36.2, 使用每个型号申请时受影响的 36 部修正案。申请日期在每个型号章节的第一行。注: 某些衍生型能够表明与之前批准的型号相比, 声学特性没有变化。 <u>MX-7-180 型专用审定条款:</u> 1978 年 10 月 30 日发布的, 用于替换 CAR3.757(1959 年 9 月 1 日 修正案 3-5)的 14 CFR 23.1545 修正案 23-23 TC 编号 3A23, 1961 年 8 月 10 日颁发 申请型号合格证日期: 1957 年 11 月 1 日 Part 3, Civil Air Regulations, effective May 15, 1956 as amended by 3-1 thru 3-5 and 3.705 as amended by 3-7; and 14 CFR Part 36 amended thru 36-4* and part 23.955 in lieu of CAR 3.435 for the models MXT-7-180 and M-9-235. * For models approved between 1976 and 2002, per §36.2 (prior to Amendment 36-24) the Part 36 amendment in effect on the approval date of each model was used. After 2002, per §36.2 the Part 36 amendment in effect on the date of application was used. The applicable dates are located in the first line in each model's section above. Note: Some of these derivative models were able to show no acoustical change from a previously approved model. <u>Special Certification Rule for the Model MX-7-180:</u> 14 CFR part 23.1545 Amendment 23-23, October 30, 1978 in lieu of CAR 3.757 (Amendment 3-5, September 1, 1959) Type Certificate No. 3A23 issued August 10, 1961 Application for Type Certificate dated November 1, 1957
设备	在前面描述的适用的适航规章 (见审定基础) 中所要求的基本设备必须安装在审定的飞机上。此外, 下列设备也是必须的: (A) 失速告警指示器, Maule 图纸 6016F (B) 下列 FAA 批准的飞机飞行手册 (型号首次批准时 FAA 发布的原始版本以及后续 FAA 批准的修订版) 1. MXT-7-180 型飞机 AFM: 1990 年 9 月 11 日发布, 2002 年 7 月 3 日修订至版本 D 2. M-9-235 型飞机 AFM: 2012 年 9 月 4 日发布。

Equipment	The basic required equipment as prescribed in the applicable airworthiness regulations (see certification basis) must be installed in the aircraft for certification. In addition, the following items of equipment are required: (A) Stall Warning Indicator, Maule drawing 6016F (B) The following FAA Approved Airplane Flight Manuals are required (Original AFM issued when model was first approved or any later FAA approved revision is acceptable): 1. Model MXT-7-180, AFM dated 11/9/90, rev. D dated 3/7/02 2. Model M-9-235, AFM dated 4/9/2012								
注 1	在每型飞机初始审定时，必须提供载重平衡报告，报告中包含审定空机重量下的设备列表以及必要的装载指令。 审定空机重量和对应的重心位置必须包含如下不可用燃油和无法排出的滑油油量： <table> <tr> <td>燃油 18 磅 (+24 处) (20 加仑，主油箱)</td><td>MXT-7-180</td></tr> <tr> <td>燃油 27.6 磅 (+24 处) (21.5 加仑，主油箱)</td><td>M-9-235</td></tr> <tr> <td>滑油 6 磅 (-36.5 处)</td><td>MXT-7-180</td></tr> <tr> <td>滑油 6 磅 (-34 处)</td><td>M-9-235</td></tr> </table>	燃油 18 磅 (+24 处) (20 加仑，主油箱)	MXT-7-180	燃油 27.6 磅 (+24 处) (21.5 加仑，主油箱)	M-9-235	滑油 6 磅 (-36.5 处)	MXT-7-180	滑油 6 磅 (-34 处)	M-9-235
燃油 18 磅 (+24 处) (20 加仑，主油箱)	MXT-7-180								
燃油 27.6 磅 (+24 处) (21.5 加仑，主油箱)	M-9-235								
滑油 6 磅 (-36.5 处)	MXT-7-180								
滑油 6 磅 (-34 处)	M-9-235								
Note 1	Current weight and balance report including list of equipment included in 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 corresponding center of gravity location must include unusable fuel and undrainable oil as follows: <table> <tr> <td>Fuel 18 lbs. (+24) (20 gal. main)</td><td>MXT-7-180</td></tr> <tr> <td>Fuel 27.6 lbs. (+24) (21.5 gal. main)</td><td>M-9-235</td></tr> <tr> <td>Oil 6 lbs. (-36.5)</td><td>MXT-7-180</td></tr> <tr> <td>Oil 6 lbs. (-34)</td><td>M-9-235</td></tr> </table>	Fuel 18 lbs. (+24) (20 gal. main)	MXT-7-180	Fuel 27.6 lbs. (+24) (21.5 gal. main)	M-9-235	Oil 6 lbs. (-36.5)	MXT-7-180	Oil 6 lbs. (-34)	M-9-235
Fuel 18 lbs. (+24) (20 gal. main)	MXT-7-180								
Fuel 27.6 lbs. (+24) (21.5 gal. main)	M-9-235								
Oil 6 lbs. (-36.5)	MXT-7-180								
Oil 6 lbs. (-34)	M-9-235								
注 2	应显示下列标牌： (A) 飞行员前面清晰视界内： 1. 不适用 2. NO ACROBATIC MANEUVERS, INCLUDING SPINS, APPROVED. 或 AEROBATIC MANUVERS, INCLUDING SPINS, ARE NOT APPROVED. 3. 对于 MXT-7-180 MANEUVERING SPEED: 125 MPH IAS (109K). (Knots 和 MPH 可以互换) 4. 不适用 5. SEE LOADING INSTRUCTIONS IN WEIGHT AND BALANCE SECTION OF AIRPLANE FLIGHT MANUAL.								

6. FUEL REMAINING IN TANK WHEN INDICATOR READS ZERO CANNOT BE USED SAFELY IN FLIGHT.
7. 不适用
8. 不适用
9. 不适用
10. 不适用
11. 不适用
12. 不适用
13. 仪表板上或翼根面板上的辅助油箱传输开关（如安装的话）：

FUEL TRANSFER PUMPS

PUSH FOR
AUX. QUANT.

LEFT

PUSH FOR
AUX. QUANT.

RIGHT

FUEL CAPACITY: MAIN TANKS (*) GAL. USABLE EACH,
AUX. TANKS (**) GAL. USABLE EACH TANK.

* M-9-235 为 21.5 加仑

** 对 MX-7-180: 15.0 加仑

(B) 襟翼手柄处:

1. 不适用
2. 对于 M-9-235:
FLAPS/PULL ON/ 2ND NOTCH/ TAKEOFF/ 4TH NOTCH/ LANDING
3. 对于 MXT-7-180:
FLAPS/PULL ON/2ND NOTCH/TAKEOFF/3RD NOTCH/LANDING

(C) 左踢板上的主油箱选择活门上:

1. 不适用
2. 不适用
3. 对于 For MXT-7-180
FUEL SELECTOR VALVE
LEFT: 20 GAL.
OFF BOTH
RIGHT: 20* GAL.
- For M-9-235:
FUEL SELECTOR VALVE
LEFT: 21.5 GAL.
OFF BOTH
RIGHT: 21.5 GAL.

4. 不适用
5. 不适用

(D) 客舱后部区域:

1. 不适用
2. 不适用
3. 对于 M-9-235:
CHECK WEIGHT AND BALANCE CAREFULLY WHEN
USING 5TH SEAT OR LOADING REAR/CARGO/BAGGAGE.

MAXIMUM REAR SEAT LOADING 170 LBS.

4. 不适用
5. 不适用
6. 当 M-9-235 安装 2 个释压组件时:

GROSS WEIGHT LIMITED TO 2500 LBS. WHEN TOWING

Note 2

The following placards shall be displayed:

(A) In front of and in clear view of the pilot:

1. n/a
2. NO ACROBATIC MANEUVERS, INCLUDING SPINS, APPROVED. or
AEROBATIC MANEUVERS, INCLUDING SPINS, ARE NOT APPROVED.
3. For MXT-7-180
MANEUVERING SPEED: 125 MPH IAS (109K). (Knots and MPH may be
interchanged)
4. n/a
5. SEE LOADING INSTRUCTIONS IN WEIGHT AND BALANCE SECTION OF
AIRPLANE FLIGHT MANUAL.
6. FUEL REMAINING IN TANK WHEN INDICATOR READS ZERO CANNOT
BE USED SAFELY IN FLIGHT.
7. n/a
8. n/a
9. n/a
10. n/a
11. n/a
12. n/a
13. On the instrument panel or wing root panel at the auxiliary fuel tank transfer
switches, (if installed):

FUEL TRANSFER PUMPS

PUSH FOR	PUSH FOR
AUX. QUANT.	AUX. QUANT.
LEFT	RIGHT

FUEL CAPACITY: MAIN TANKS (*) GAL. USABLE EACH,
AUX. TANKS (**) GAL. USABLE EACH TANK.

* M-9-235 have 21.5 gal.

** For MX-7-180: 15.0 gal.

(B) Located on the flap handle:

1. n/a
2. For MX-7-180, M-9-235:
FLAPS/PULL ON/ 2ND NOTCH/ TAKEOFF/ 4TH NOTCH/ LANDING
3. For MXT-7-180:
FLAPS/PULL ON/2ND NOTCH/TAKEOFF/3RD NOTCH/LANDING

(C) Located at the main fuel tank selector valve on left kick panel:

1. n/a
2. n/a
3. For MXT-7-180

FUEL SELECTOR VALVE

LEFT: 20* GAL.

OFF BOTH

RIGHT: 20* GAL.

*or 21.5 gal. for later MX-7-180

For M-9-235:

FUEL SELECTOR VALVE

LEFT: 21.5 GAL.

OFF BOTH

RIGHT: 21.5 GAL.

4. n/a

5. n/a

(D) In rear cabin area:

1. n/a

2. n/a

3. For models M-7/M-9 series with 5th seat:

CHECK WEIGHT AND BALANCE CAREFULLY WHEN
USING 5TH SEAT OR LOADING REAR/CARGO/BAGGAGE.
MAXIMUM REAR SEAT LOADING 170 LBS.

4. n/a

5. n/a

6. When Tow Release Assembly is installed (M-9-235):

GROSS WEIGHT LIMITED TO 2500 LBS. WHEN TOWING

注 3 保留
NOTE 3 Reserved

注 4 保留
NOTE 4 Reserved

注 5 保留
NOTE 5 Reserved

注 6 对于所有型号批准的设备列在必装和选装设备清单中。
NOTE 6 Equipment approved for all models is listed on the Required and Optional Equipment Lists.

注 7 下列飞机按生产许可 NO.11S0 制造:

型号	序列号
MXT-7-180	14000C 及以后
M-9-235	36001C 及以后

NOTE 7 The following aircraft are eligible for manufacture under Production Certificate No. 11S0:

Models	Serial numbers
MXT-7-180	14000C and up
M-9-235	36001C and up

注 8
NOTE 8

保留
Reserved

注 9
NOTE 9

All Maule float installations require installation of wing tip mounted anti-collision light system conforming to Maule drawing 7045F for night flight.

注 10
NOTE 10

For all aircraft except model Bee Dee M-4, s/n 3-14 and M-4 s/n 15-44, all placards required in the applicable approved Airplane Flight Manual and skiplane and floatplane AFM Supplements must be installed in the appropriate location.

注 11

空速限制 –

(A) 不适用
(B) 不适用
(C) 不适用
(D) 对于 MXT-7-180:

陆地型:	不可逾越	182 mph (158 节)
	最大结构巡航	147 mph (128 节)
	机动	125 mph (109 节)
	襟翼展态	95 mph (83 节)

(E) 不适用
(F) 不适用
(G) 不适用
(H) 不适用

NOTE 11

MXT-7-180 的空速限制为指示空速 (IAS)。

Airspeed limits –

(A) n/a
(B) n/a
(C) n/a
(D) For models MXT-7-180:

Landplane:	Never exceed	182 mph (158 knots)
	Max. structural cruising	147 mph (128 knots)
	Maneuvering	125 mph (109 knots)
	Flaps extended	95 mph (83 knots)

(E) n/a
(F) n/a
(G) n/a
(H) n/a

Airspeed limits for Models MXT-7-180 is Indicated Airspeeds(IAS).

注 12	操纵面位移:			
	襟翼	完全放下		-7° +1°
		第一卡位		0° +1°
		第二卡位		24° +3°
		第三卡位		40° +3°
		第四卡位*		48° +2°
	副翼	上 20° +1°	下	20° +1°
	升降舵	上 30° +1°	下	20° +1°
	升降舵调整片	上 14° +2°	下	28° +2°
	升降舵调整片			
	w/琴式铰链	上 12° +2°	下	38° +2°
	方向舵	右 21° +1°	左	21° +1°
	方向舵调整片	右 48° +4°	左	48° +4°

*适用第四卡位的型号列表见注 2 (B) 2。

NOTE 12

Control surface movements:

Wing flaps	Handle full down		-7° +1°
	First Notch		0° +1°
	Second Notch		24° +3°
	Third Notch		40° +3°
	Fourth Notch*		48° +2°
Aileron	Up 20° +1°	Down	20° +1°
Elevator	Up 30° +1°	Down	20° +1°
Elevator tab	Up 14° +2°	Down	28° +2°
Elevator tab			
w/piano hinge	Up 12° +2°	Down	38° +2°
Rudder	Right 21° +1°	Left	21° +1°
Rudder tab	Right 48° +4°	Left	48° +4°

*Fourth Notch applicable to those models listed in Note 2 (B) 2.

注 13 保留

NOTE 13 Reserved

注 14 保留

NOTE 14 Reserved

注 15 保留

NOTE 15 Reserved

注 16 保留

NOTE 16 Reserved

注 17 为获得 Maule Aerospace 的飞行手册的修订或新发/修订的服务信函的通知, 请发送你的电子邮箱地址到 OwnerAlert@mauleairinc.com。当 www.mauleairinc.com 上有新的文件可以下载时, 包含飞机型号编号和序列号的所有者将会收到提示邮件。

- NOTE 17 For notification from Maule Aerospace of revisions to Maule airplane manuals or new/revised Service Letters or Bulletins, send your email address to OwnerAlert@mauleairinc.com. Include Airplane Model No. and Serial No. Owners will be emailed alerts when new documents are available for download on www.mauleairinc.com.
- 注 18 中文标牌和标识包含在图纸 No. 8046A, IR 版或以后 CAAC 批准的更新版本中。
- NOTE18 Chinese Placards and markings are included in Drawing No.8046A, Revision IR or later revisions CAAC approved.

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