


型号认可证数据单
THE VALIDATION DATA SHEET

编号/No.: VTC0323A
 版次/Revision: 0
 型别/Type:
 VIRUS 912

批准人/Approved by: Feng Zhenglin



职务/Title: Administrator of CAAC
 日期/Date: 2016-04-20

本数据单是型号认可证（编号 VTC0323A）的组成部分，它规定了符合中国民用航空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 a part of Validation Type Certificate (No: VTC0323A), prescribes conditions and limitations 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:

PIPISTREL d.o.o. Ajdovscina
 Podjetje za alternativno letalstvo
 Goriška cesta 50A, 5270 AJDOVŠČINA
 SLOVENIJA

有效页清单/List of effective pages :

页数/Pages	1	2	3	4	5	6						
版次/Revision	0	0	0	0	0	0						

第 1 部分 概述

SECTION 1 GENERAL

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	No. VTC0323A, 版次 0 2016 年 4 月 20 日	CAA of the Republic of Slovenia TCDS No. TC 99/002-AT/ULN02, Revision 1, 28. 09. 2005.

2. 类别/Airworthiness Category: 特殊类别航空器-超轻型飞机/Special Class Aircraft – Ultralight Aeroplane
3. 认可当局/Validation Authority: 中国民用航空局/CAAC
审定当局/Certifying Authority: 斯洛文尼亚民航局/CAA - Slovenia
4. 型号合格证持有人/Type Certificate Holder:
PIPISTREL, d.o.o. Ajdovščina,
podjetje za alternativno letalstvo
Goriška cesta 50A, 5270 AJDOVŠČINA
SLOVENIJA
5. 制造厂/Manufacturer: PIPISTREL, d.o.o. Ajdovščina,
Podjetje za alternativno letalstvo

尺寸/DIMENSIONS:

翼展/Wing Span:	12.46 m
长度/Length:	6.5 m
高度/Height:	1.85 m
机翼面积/Wing surface:	11.00 m ²
方向舵面积/Rudder surface:	1.1 m ²
升降舵面积/Elevator surface:	1.63 m ²
展弦比/Aspect ratio	13.1

飞行控制面偏转/FLIGHT CONTROL DEFLECTIONS:

襟副翼下偏角/ Flaps (flaperons) down	9°, 18°
襟副翼上偏角/ Flaps (flaperons) up	5°

空速限制/AIRSPEED LIMITS (IAS):

V _A : 机动速度/Maneuvering speed	135 km/h
V _{NE} : 不可超越速度/Never Exceed speed	249 km/h
V _{FE} : 襟翼放出/Flap Extended	130 km/h
V _{S0} : 失速速度(全襟翼)/Stall speed flaps extended (down)	63.3 km/h
V _{S1} : 失速速度(襟翼收回)/Stall speed flaps retracted (neutral position)	72 km/h
75%功率下的巡航速度/Cruising speed 75% power	207 km/h
V _{PO} : 减速板伸出的最大速度/Maximum velocity of airbrake extension	160 km/h
V _H : 发动机工作时的最大平飞速度/Maximum horizontal speed on engine	220 km/h
V _Y : 最佳爬升速度/Speed of best rate of climb	115 km/h
最佳爬升率(最大起飞重量)/Best rate of climb (MTOW):	6.2 m/s
空速140km/h的爬升率/Rate of climb at airspeed 140 km/h	5.9 m/s
最小下降速度/Minimum sink speed	96 km/h
最小下降率(最小桨距)/Minimum sink rate (fine propeller pitch)	1.48 m/s
最小下降率(顺桨)/Minimum sink rate (feathered propeller)	1.40 m/s
最大下降率(减速板伸出)/Maximum sink rate (airbrakes extended)	5.5 m/s
最佳滑翔比速度/Best glide ratio speed	105 km/h

飞行性能/FLIGHT PERFORMANCES:

最佳滑翔比(最小桨距)/Best glide ratio (fine propeller pitch)	1:22
最佳滑翔比(顺桨)/Best glide ratio (feathered propeller)	1:24

重心范围/CENTER OF GRAVITY (C.G.) RANGE

MAC	20% - 40%
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重量/WEIGHT:

空重/Empty weight:	292 kg – 309 kg
最大起飞重量/Max takeoff mass	472.5 kg

最大允许过载/MAXIMUM PERMITTED “G” LOAD:

过载限制/ Maximum permitted “g” load	+4g, -2g
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滚转时间/ROLL TIME:

-45°到+45°/45 – 45 degrees roll time	3.1 s
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最小机组/MINIMUM CREW: 1

最大乘员/MAXIMUM PASSENGERS: 1

最大行李重量/MAXIMUM BAGGAGE: 3 kg

燃油量/FUEL CAPACITY:

燃油箱容积/Fuel tank capacity:	2 x 30 L或者2 x 50 L (可选)
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滑油量/OIL CAPACITY:

3L

最大航程/MAXIMUM ENDURANCE:

10%储备续航时间/Endurance (10% reserve included)	5.8小时 5.8 hours
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最大运行高度/MAXIMUM OPERATING ALTITUDE:

最大高度-升限 (最大起飞重量) /Maximum altitude - ceiling (MTOW)	8100 m
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起飞条件/TAKE-OFF CONDITIONS:

滑跑距离 (最大起飞重量) /Take-off roll (MTOW)	90 m
飞越15米障碍的起飞距离 (最大起飞重量) /Take-off distance over 15m obstacle (MTOW)	167 m

燃油消耗/FUEL CONSUMPTION:

巡航速度下燃油消耗/Fuel consumption at cruising speed	9.5 升/小时 9.5 l/h
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仪表和最小设备/INSTRUMENTS AND MINIMUM EQUIPMENT

仪表/Instruments:

空速指示器/Airspeed indicator

高度表/Altimeter

磁罗盘/Magnetic compass

燃油量指示器/Fuel quantity indicator

转速表/RPM indicator

油压指示器/Oil pressure indicator

设备/Equipment:

座椅安全带和肩带/Seat safety belts and harnesses

降落伞救援系统/Parachute rescue system

必要的文件/REQUIRED DOCUMENTATION:

飞行手册/Flight Manual

维修手册/Maintenance Manual

制造符合性声明/Certificate of conformance to-atestestation

斯洛文尼亚民航局审定基础/CAA of Slovenia Certification Basis:

ULN

CAAC认可审定基础/CAAC Validation Basis:

CAAC接受斯洛文尼亚民航局审定基础为认可审定基础。

CAAC Accept the CAA of Slovenia Certification Basis as Validation Basis.

注释/Notes:

注1: 在Virus 912飞机上没有CCAR 21.29第(五)款第1项、第(五)款第2项和(五)第3项要求的中文标记标牌。因此, CCAR 21.29第(五)款的中文语言要求不作为Virus 912飞机认可审定基础中的专用技术条件。

Note 1: There is no Chinese language markings or placards on Virus 912 required by CCAR 21.29 (e)(1), (e)(2), and (e)(3). Therefore, Chinese language requirement of markings and placards in CCAR 21.29(e) is not required as CAAC Additional Technical Conditions in the validation basis for Virus 912.

结束

END