

型号认可证数据单

THE VALIDATION DATA SHEET

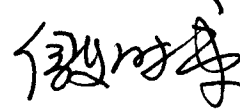
编号/No.: VTC0253A

版次/Revision: 0

型号/Type:

PC-6/B2-H4

批准人/Approved by:



日期/Date: 2011-03-28

本数据单是型号认可证（编号 VTC0253A）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 a part of Validation Type Certificate (No: VTC0253A), 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:

Pilatus 飞机有限公司

Pilatus Aircraft Ltd.

瑞士, Stans CH-6370

CH-6370 Stans, Switzerland

有效页清单/List of effective pages :

页数/ Pages	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
版次/Revision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
页数/ Pages	16														
版次/Revision	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. VTC0253A, 版次 0 2010 年 3 月 28 日	The Swiss Federal Office of Civil Aviation (FOCA) TCDS No. F 56-10, Edition 7, September 20, 2006.
历史 History		

2. 类别/**Airworthiness Category:** 正常类飞机/**Normal Airplanes**
3. 认可当局/**Validation Authority:** 中国民用航空局/**CAAC**
审定当局/**Certifying Authority:** 瑞士联邦民航局/**FOCA**
4. 型号合格证持有人/**Type Certificate Holder:** **Pilatus Aircraft Ltd.**
CH-6370 Stans, Switzerland
5. 制造厂/**Manufacturer:** **Pilatus Aircraft Ltd.**
6. **ETOPS:** 不适用/**Not applicable**
7. **CAAC 专用要求/Special Requirements:**

交付到中国的每一架 PC-6/B2-H4 航空器须满足下述特殊要求:

Each of PC-6/B2-H4 aircraft delivered to China shall meet the following special requirements:

- (1) 必须满足中国民用航空局的运行要求 (例如标记标牌的中文要求)。
The operational requirements of CAAC must be met (e.g. Chinese language requirements for markings and placards).
- (2) 燃油符合“中国国标 3 号燃油—GB6537-94”的规范。
Fuel conforming to Specification “PRC National Standard No.3 Jet Fuel --

GB6537-94”.

- (3) 根据 CCAR 91 部的要求，手持灭火瓶作为在中国运行的该型号飞机型号设计的一部分包含在标准设备当中。

A hand fire extinguisher complying with CCAR part 91, General Operation and Flight Rules, must be included as standard equipment in the type design of aircraft to be operated in China.

- (4) 将 PC-6/B2-H4 飞机飞行手册中的性能数据扩展至 10000 英尺。

The performance data in the AFM should be expanded to 10,000 ft.

- (5) PC-6/B2-H4 飞机乘员座椅的肩带必须符合 CCAR 23 部第 23.2 条的要求。

Shoulder harness on passenger seats of PC-6/B2-H4 airplane is required to comply with Section 23.2 of CCAR part 23.

第 2 部分

SECTION 2

1. 特定型号数据/Data Pertinent to the Particular Models

1.1 型号: PC-6/B2-H4

批准: 1985 年 11 月 20 日

1986 年 12 月 8 日 (新的发动机功率设定)

Approved: November 20, 1985

December 8, 1986 (new engine power setting)

发动机/Engine

发动机限制/Engine Limits

普惠PT6A-27/P&W PT6A-27

	轴马 力 SHP	扭矩 Torque (psi)	燃气发生 器转速 G.G. RPM	螺旋桨转 速 Prop. RPM	涡轮 级间 温度 ITT (°C)
起飞至43°C Take-off up to 43°C	550	47.3	38,100 (101.5%)	2000 (100%)	725
最大连续和途中应急 Max. Continuous and enroute emergency	550	47.3	38,100 (101.5%)	2000 (100%)	725
启动 (最多2秒) Starting (max. 2 sec)	-	-	-	-	1090
加速 (最多2秒) Acceleration (max. 2 sec)	-	53.0	38,500 (102.6%)	2420 (110%)	825
最大反桨 (1分钟) Max. reverse (1 min)	550	47.3	-	-	725

螺旋桨和螺旋桨限制/

Propeller and Prop. Limits

HARTZELL公司三叶螺旋桨, 可顺桨和反桨, 恒速液压操纵
HARTZELL three blades, feathering and reversing, constant
speed, hydraulically controllable

桨毂/Hub	HC-B3TN-3D
桨叶/Blades	按照图纸190.02.01.124修改的T-10178C或CH, 或者T-10178CR 最大直径 101英寸 最小直径 99英寸 (不允许进一步减小) T-10178C or CH modified acc. to drawing 190.02.01.124 or T-10178CR Diameter maximum 101 in. Diameter minimum 99 in. (No further reduction permitted).
30英寸站位桨距设定/Pitch setting at 30 in. station:	
反桨/Reverse	-10.5° minimum
顺桨/Feathering	+85.5° +/- 0.5°
飞行最小 /Flig	+ 0.5°

	minimum	
燃油/Fuel	航空煤油，符合UACL服务通告No.1244，最新版。 Aviation kerosene conforming to UACL Service Bulletin No.1244, latest issue.	
滑油/Oil	合成润滑油，符合UACL服务通告No.1001，最新版。 系统总容积12.5升（+965mm） Synthetic Turbine Oil confirming to UACL Service Bulletin No.1001, latest issue. Total system capacity 12.5 litres (+965 mm)	
必须的设备/Equipment Required	- 起动机/发电机LEAR SIEGLER 23046-001或23048-001或23081-003/004或GE 2 CM-302 A3 Starter/Generator LEAR SIEGLER 23046-001 or 23048-001 or 23081-003/004 or GE 2 CM-302 A3 - 超速控制器WOODWARD 210507 Overspeed governor WOODWARD 210507 - 燃气发生器转速表传感器GENRAL ELECTRIC 2C M9或AN2CM917ABZ7 Gas generator tacho-generator GENRAL ELECTRIC 2C M9 or AN2CM917ABZ7 - 螺旋桨转速表传感器GENRAL ELECTRIC 2C M9或AN2CM917ABZ7 Propeller tacho-generator GENRAL ELECTRIC 2C M9 or AN2CM917ABZ7 - 扭矩传感器THOMAS EDISON 318-00020或Kulite IPT S1DF100070D Torque transmitter THOMAS EDISON 318-00020 or Kulite IPT S1DF100070D - 辅助燃油泵LEAR SIEGLER RG 15980-L或Conelec 6016 Fuel auxiliary pump LEAR SIEGLER RG 15980-L or Conelec 6016 - 燃油增压泵ADEL 70623-1或STEINHEIL D 107307或LEAR SIEGLER D 107320 Fuel booster pump ADEL 70623-1 or STEINHEIL D 107307 or LEAR SIEGLER D 107320 - 燃油滤ZENITH 204 FZ A/BC或P/N 968.35.21.106(AIR MAZE) Fuel filter ZENITH 204 FZ A/BC or P/N 968.35.21.106(AIR MAZE) - 滑油冷却器HARRISON AP 09 AN 13-5 Oil cooler HARRISON AP 09 AN 13-5 - 一个电瓶MARATHON MA 5或SAFT model 4071或4076或GILL BB 638T或Varta F20/40H1CT One battery MARATHON MA 5 or SAFT model 4071 or 4076 or GILL BB 638T or Varta F20/40H1CT	

	- 电瓶超温警告系统 (PILATUS S.B. No. 122) Battery overtemperature warning system(PILATUS S.B. No. 122)
	- 安定面配平作动器ELECTRO MECH EM 483 Stabilizer Trim Actuator ELECTRO MECH EM 483
翼尖颜色/Wing tip color	复合材料翼尖颜色的日光吸收率不超过0.6。 The color of the composite wing tips must not exceed a solar absorptivity of 0.6.

2. 所有型号数据/Data Pertinent to all Models

2.1 适航要求和类别/Airworthiness Requirement and Categories

航空器符合1956年5月15日生效的美国民航规章第3部，正常类，包括3-1到3-5修正案；以涡轮发动机为动力的型号符合FAA分别在1962年11月4日和1967年1月4日给瑞士联邦航空办公室的信函中的“专用条件”。

The aircraft comply with the US Civil Air Regulations, Part 3 of the 15th May 1956, Category “Normal”, incl. Amd. 3-1 to 3-5; the turbine engine models in addition comply with the “Special Conditions”, notified by letters FAA to the Swiss Federal Air Office, dated Nov. 14, 1962 resp. Jan. 4, 1967.

CAAC接受PC-6/B2-H4原审定基础和FAA提出的“专用条件”作为型号认可审定基础，并提出以下附加技术条件：

- (1) 必须满足中国民用航空总局的运行要求（例如标记标牌的中文要求）。

The operational requirements of CAAC must be met (e.g. Chinese language requirements for markings and placards).

- (2) 燃油符合“中国国标 3 号燃油—GB6537-94”的规范。

Fuel conforming to Specification “PRC National Standard No.3 Jet Fuel -- GB6537-94”.

- (3) 根据 CCAR 91 部的要求，手持灭火瓶作为在中国运行的该型号飞机型号设计的一部分包含在标准设备当中。

A hand fire extinguisher complying with CCAR part 91, General Operation and Flight Rules, must be included as standard equipment in the type design of aircraft to be operated in China.

- (4) 将 PC-6/B2-H4 飞机飞行手册中的性能数据扩展至 10000 英尺。

The performance data in the AFM should be expanded to 10,000 ft.

- (5) PC-6/B2-H4 飞机乘员座椅的肩带必须符合 CCAR 23 部第 23.2 条的要求。

Shoulder harness on passenger seats of PC-6/B2-H4 airplane is required to comply with Section 23.2 of CCAR part 23.

2.2 技术数据/Technical Data

2.2.1 特征/Distinctive Features

单发、带支撑的上单翼飞机，全金属结构，后三点式固定起落架。

Single-engined, strut-braced high-wing plane, all-metal construction, with fixed main and tail

landing gear.

2.22 主要尺寸/Principal Dimensions

	B2-H4
翼展/Wing span	15.87米
长度/Length	10.9米
高度/Height (static)	3.2米
弦长/Chord length	1.9米
机翼面积/Wing area	30.15米 ²
翼型/Airfoil	NACA 64-514, 沿翼展方向恒定/constant over span

2.23 燃油容量/Fuel Capacity

PC-6/A/B和/C系列（涡轮发动机）/PC-6/A, /B and /C Series (Turbine Engines)	
<u>总容量/Total Capacity:</u> 130或173美加仑（在3790mm处的2个油箱63.5或85美加仑，5820mm处的1个增压泵油箱3美加仑） 130 or 173 US-Gal. (2 tanks of 63.5 or 85 US-Gal. at + 3790mm, 1 booster pump tank of 3 US-Gal. at + 5820mm)	
<u>可用容量/Usable Capacity:</u> 128或170美加仑（在3790mm处的2个油箱62.5或83.5美加仑，5820mm处的1个增压泵油箱3美加仑） 128 or 170 US-Gal. (2 tanks of 62.5 or 83.5 US-Gal. at + 3790mm, 1 booster pump tank of 3 US-Gal. at + 5820mm)	

2.3 空速限制（依照 CAR 3）/Airspeed Limits (in conformity with CAR 3)

	B2-H4	
	Knots	Km/h
不可超越/Never exceed	151	280
最大结构巡航/Maximal structural cruising	119	220
机动/Maneuvering	119	220
襟翼放出/Flaps extended	95	176

2.4 重量和平衡限制/Weight and Balance Limitations

2.41 最大总重/Maximum Gross Weight

型号/Model	总重/Gross Weight
带有标志“H4” /With Index “H4”	2800公斤（6173磅）/2800kg (6173 lbs)

2.42 最大着陆重量/Maximum Landing Weight

B2-H4	2660公斤（5864磅）/2660kg (5864 lbs)
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2.43 空重/Empty Weight

重心/Center of Gravity	无/NIL
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2.44 运行重心/Operating Center of Gravity

B2-H4	2800千克时3608到3722mm (32%-38% MAC) 3608 to 3722 mm at 2800 kg (32%-38% MAC) 1450千克时3209到3722mm (11%-38% MAC) 3209 to 3722 mm at 1450 kg (11%-38% MAC)
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2.45 基准/Datum

机翼前缘垂线前3米。

3 m in front of vertical tangent to the wing leading edge.

2.46 水平方式/Leveling Means

客舱地板上的“T”型轨道作为水平基准；

T-rails on the cabin floor horizontal;

机身两侧各有水平标记

Leveling marks on each side of the fuselage.

2.5 客舱载荷限制/Cabin Load Limits

2.51 座位数/Number of Seats

正常8座，单独座椅（2个在+3050mm，2个在+3850mm，2个在+4570mm，2个在+5280mm）

Normal 8, with single seats (2 at +3050mm, 2 at +3850mm, 2 at +4570mm, 2 at +5280mm)

最大11座，3联座椅（三个座位）（1个在+3850mm，1个在+4570mm，1个在+5280mm）

Maximum 11, with 3 benches (triple seats) (1 at +3850mm, 1 at +4570mm, 1 at +5280mm)

6个单独座椅可以通过机身右侧的一个门放在客舱后部（27kg，在+6630处）。

6 single seats may be stowed behind the cabin, accessible through a door on fuselage right hand side (27 kg at +6630mm)

2.52 货物和行李/Freight/Baggage

拆掉座椅后，整个客舱可用于装载货物。

地板最大载荷 488 kg/m²

地板活门最大载荷 300 kg

After removing of the seats or benches respectively, the entire cabin may be used as freight space.

Max. floor loading 488 kg/m²

Max. loading of the trap doors 300 kg

2.6 操纵面运动/Control Surface Movements

-	升降舵/Elevator	上/Up	30°±1°	下/Down	25°±1°
	调整片/Flettner tab	下/Down	57°±2°	上/Up	32°±2°
-	水平安定面 Horizontal stabilizer	低头/Nose down	10°±0.5°	抬头/Nose up	2°±0.5°
	中立位置/Neutral	低头/Nose down	3°		
-	方向舵/Rudder	右/Right	30°±1.5°	左/Left	30°±1.5°
	方向舵调整片/Rudder tab	右/Right	6°±1°	左/Left	6°±1°
-	副翼/Aileron	上/Up	20°±1°	下/Down	13.5°±1°
	伺服调整片/Flettner tab	下/Down	20°±1°	上/Up	13.5°±1°

	配平调整片 (右侧) Trim tab (R. H.)	上/Up	20° ± 2°	下/Down	18°
				中立位置上 Neutral up	2°
-	着陆襟翼 Landing flaps	上/Up	0°	着陆位置 Landing pos.	38° ± 2°*
				起飞位置 Take-off pos.	28° ± 2°

*序列号522以后的着陆位置允许45°，对于“H4”版本：38°

注：副翼、升降舵调整片和副翼配平调整片是可选装的，如果没有安装，升降舵（上36°）和副翼（中立位置）上的固定调整片是强制的。

Note: Flettner tabs on aileron and elevator, and aileron trim tabs are optional; if not installed, fixed tabs on elevator (up 36°) and aileron (neutral) are mandatory.

2.7 最大运行高度/Max. Operating Altitude

25,000英尺/25,000ft

2.8 机动载荷因子/Maneuvering Load Factor

	带有标志“H4”/With Index “H4”
最大正向/Max. positive	+3.85
最大负向/Max. negative	-1.43

2.9 设备/Equipment

2.91 电气设备/Electrical Equipment

(a) 逆流继电器AN 3025-1

Reverse current relay AN 3025-1

(b) 3个航行灯

3 Navigation lights

(c) 2个客舱灯

2 Cabin lights

(d) 2个旋转信标灯，机身上下各一个

2 Rotating beacon lights, one above and one below the fuselage*

(e) 着陆灯，可收进机翼，GRIMES G-3600A4(A5)*

Landing lights, retractable in wing, GRIMES G-3600A4(A5)*

* 如果有夜航要求强制要求

Mandatory if night flying required.

2.92 起落架/Landing Gear

(a) 主起落架油压减震支柱P/N 6401.14或P/N 114.35.06.090

Main landing gear oleo struts P/N 6401.14 or P/N 114.35.06.090

(b) 主起落架机轮GOODYEAR/DUNLOP 24×7英寸，装GOODYEAR/DUNLOP轮胎GA 284，24×7（2×16kg，在+2649mm处），或者特大型主机轮11.00×12英寸装GOODYEAR/DUNLOP轮胎11.00×12英寸（2×24kg，在+2649mm处）

Main landing gear wheels GOODYEAR / DUNLOP 24×7 in. with GOODYEAR / DUNLOP tires GA 284, 24×7 (2×16 kg at + 2649 mm), or oversize main wheels 11.00×12 in. with GOODYEAR / DUNLOP tires 11.00×12 in. (2×24 kg at + 2649 mm)

- (c) 刹车GOODYEAR P/N E-21029 (单活塞) (2×3.5 kg, 在 + 2720 mm处), 或者刹车GOODYEAR P/N 9543946 (双活塞) (2×3.6 kg, 在 + 2720 mm处)
Braks GOODYEAR P/N E-21029 (single piston) (2×3.5 kg at + 2720 mm), or Braks GOODYEAR P/N 9543946 (double piston) (2×3.6 kg at + 2720 mm)
- (d) 尾起落架P/N 6403.66, GOODYEAR/DUNLOP机轮512 129装轮胎5.00-4 (所有“H2”和“H4”型号) 或尾起落架P/N 6403.10 (除了“H2”和“H4”型号)
Tail landing gear P/N 6403.66 with GOODYEAR / DUNLOP wheel 512 129 with tire 5.00-4 (all model “H2” and “H4”) or tail landing gear P/N 6403.10 (for models other than “H2” and “H4” permitted)
- (e) 油压/充气支柱P/N 114.45.06.023或114.45.06.044强制用于“H4”尾起落架
Oleo/pneumatic strut P/N 114.45.06.023 or 114.45.06.044 mandatory for “H4” tail landing gear.

2.93 客舱/Cabin

- (a) 双扇门在右侧, 或者滑动门在右侧
Double door on the right hand side, or sliding door on the right hand side
- (b) 双扇门在左侧, 或者窗上应急出口在左侧
Double door on the left hand side, or emergency exit in window on the left hand side
- (c) 驾驶舱门在右侧和左侧 (可选, “H4”型强制要求)
Cockpit doors on the right hand and left hand sides (optional) (mandatory for “H4” model)
- (d) 飞行员座椅包括安全带P/N 6221.10 (固定), 或者112.50.06.750/751
Pilot's seat with safety belts P/N 6221.10 (fixed), or 112.50.06.750/751
- (e) 副驾座椅P/N 6222.30或112.50.06.760/761带有安全带 (7.5 kg, 在 + 3050mm处)
Co-pilot's seat P/N 6222.30 or 112.50.06.760/761 with safety belts (7.5 kg at + 3050mm)
- (f) 6个乘客座椅P/N 112.50.06.139/140或112.50.06.335/336, 带有安全带, 3个在左侧, 3个在右侧, 每个4.5kg (距离依照2.51段), 或者6个乘客座椅P/N 112.50.06.017/018或112.50.06.331/332 (豪华型), 带有安全带, 3个在左侧, 3个在右侧, 每个7.5 kg (距离依照2.51段) 或者3个联排座椅带有安全带P/N 6222.45 (PILATUS服务通告No. 60), 每个12 kg, 或者P/N 112.50.06.135, 每个13 kg
6 passenger seats P/N 112.50.06.139/140 or 112.50.06.335/336, with safety belts, 3 left and 3 right, 4.5 kg each (distance according to para 2.51) or 6 passenger seats P/N 112.50.06.017/018 or 112.50.06.331/332 (deluxe) with safety belts, 3 left and 3 right, 7.5 each (distance according to para 2.51) or 3 benches with safety belts P/N 6222.45 (PILATUS Service Bulletin No. 60), 12 kg each, or P/N 112.50.06.135, 13 kg each (distance according to para 2.51)
- (g) 飞行员和副驾的标准肩带依照图纸Dwg. 6266.119 (每个0.8 kg, 在+ 3350mm处), 或者飞行员和副驾的肩带系统型号PACIFIC 2 B2 SA 2X -15依照图纸Dwg. 6266.182 (每个0.5 kg, 在+ 3350mm处), 或者P/N 112.50.06.500/501 (带有锁定装置) (每个0.6 kg)
Standard shoulder harness for pilot and co-pilot according to Dwg. 6266.119 (0.8 kg each at + 3350mm), or shoulder harness system type PACIFIC 2 B2 SA 2X -15 for pilot and co-pilot according to Dwg. 6266.182 (0.5 kg each at + 3350mm), or P/N 112.50.06.500/501 (with

- locking device) (0.6 kg each)
- (h) 肩带及头部支撑图纸Dwg, No. 112.50.06.442 (每个0.7 kg, 在+ 3400mm处)
Shoulder harness and head support Dwg, No. 112.50.06.442 (0.7 kg each at + 3400mm)
- (i) 燃油滤堵塞警告灯 (仅针对涡轮发动机驱动的类型)
Clogged fuel filter warning light (turbine engine models only)
- (k) 左侧推拉门符合FAA STC SA 743EA。
Sliding door on the left hand side in accordance to FAA STC SA 743EA
注: FOCA声明, 从1985年起, 左侧推拉门已经包含在型号设计当中, 图纸号6202.0183.55
- (l) 风挡或驾驶舱门上的直视窗口
Direct vision window in windshield or in pilot door window

2.94 飞行辅助/Flight Aids

- (a) 电子失速警告系统, 类型: Safe Flight 1-02-0005 No. 164 (传感器) 和C-73113 (蜂鸣器)
Electrical stall warning system, type Safe Flight 1-02-0005 No. 164 (Transmitter) and C-73113 (Buzzer)
- (b) 带加温的皮托管AN 5812-1
Pitot tube with heating, AN 5812-1

2.95 无线电设备 (可选) /Radio Equipment (optional)

- 01 列在瑞士联邦民航办公室TM 400中的无线电设备
Radio equipment, listed in the Swiss Federal Office for Civil Aviation TM 400
- 02 喷洒操作的导航辅助设备
Navigation aids for spraying and supply dropping:
- (a) DECCA NAVIGATOR Mk. 8A (23.9 kg at + 4837mm)
- (b) DECCA HI-FIX (18.0 kg at + 4871mm)
- (c) DECCA NAVIGATOR Mk. 8A and DECCA HI-FIX paras (a) plus (b) above (32.2 kg at + 2040mm)
- (d) DECCA DOPPLER RADAR, type 72, and GYROSIN Compass CL 11 (47.7 kg at + 400mm)
- (e) Radio Altimeter SR 54 A (7.7 kg at + 2550mm)
- (f) DECCA AGRI-FIX (6.5 kg at 5250mm)
- (g) Radio altimeter TRT AHV-8

2.96 可选设备/Optional Equipment

		(kg)	(mm)	AFM Suppl. No. required
01	双重控制按照图纸Dwgs.6232.246和.248 Dual control according to Dwgs.6232.246 and .248	5.3	+2650	
02	6框后的座椅收藏设备, 与机身右侧的门, 按照图纸Dwg. 6266.66/65 (服务通告No. 47) Seat stowing device behind frame 6, with door on the right hand side of the fuselage, according to Dwg. 6266.66/65 (S.B. No. 47)	5.0	+6630	
03	电子襟翼控制按照服务通告No. 95 (正偏差)	6.4	+4780	1421

	Electrical flap control according to Service Bulletin No. 95 (plus-difference)			
04	a) 电操作水平安定面系统图纸119.40.06.386 (正偏差)。 (PC-6/B2-H4无效) Electrically operated horizontal stabilizer system Dwg. 119.40.06.386 (plus difference). (Not valid for PC-6/B2-H4) b) 双马达配平作动器系统 Two motor trim actuator system	0.7	+4000	1527 1829
05	水平安定面控制中的摇把, Dwg. V-14991 (S.B. No.106) Rotostat in horizontal stabilizer control, Dwg. V-14991 (S.B. No.106)	可忽略 negligible		
06	活板门和控制Dwg. No. 112.40.06.70/71 (正偏差, 即扣除盲盖) Trap doors and control Dwg. No. 112.40.06.70/71 (plus difference, i.e. blind cover deducted)	1.5	+3000	
07	a) 滑梯安装6406.10包括: Ski installation 6406.10 consisting of: - 主橇和尾橇及动作筒 main and tail skis and operating cylinders - 液压系统 (固定) hydraulic system (fixed) b) 滑梯安装114.50.06.112 H4飞行手册补充部分详细说明 Ski installation 114.50.06.112 H4 as detailed in AFM Supplement	72 14.5	+3030 +2580	1320 1825
08	2个带支撑的担架, 图纸Dwg. 6266.47 2 stretchers with supports Dwg. 6266.47	30.0	+4500	
09	担架支撑配件支架图纸Dwg. 119.72.06.007 Brackets for Stretcher support attachment Dwg. 119.72.06.007	0.9	+4500	
10	担架支撑组件图纸Dwg. 119.72.06.038 Stretcher support assembly Dwg. 119.72.06.038	3.8	+4500	
11	氧气装置 (SCOTT 8500) 图纸Dwg. 119.55.06.186/187, 包括: - 固定装置 - 2个氧气瓶, 可充氧的 Oxygen installation (SCOTT 8500) Dwg. 119.55.06.186/187, consisting of: - fixed installation - 2 oxygen cylinders, charged	5.0 24.0	+3500 +5800	
12	豪华客舱通风系统, 图纸Dwg. 112.55.06.106 De-Luxe cabin ventilating system Dwg. 112.55.06.106	7.5	+5653	
13	安装浮筒机身上的加强			

	- 长的前支柱, 图纸Dwg. 6201.860 - 短的前支柱, 图纸Dwg. 112.35.06.363 Fittings and reinforcement on the fuselage for float attachment: - for long front struts, Dwg. 6201.860 - for short front struts, Dwg. 112.35.06.363	7.0 10.5	+4400 +3820	
14	浮筒/Floats - EDO 58.4580, 全重/total weight 净重/net weight - EDO 679-493, 全重/total wt. (short front strut) 净重/net weight	256 146 278 164	- +3400 - 3567	1140 1141-1 1141-1
15	尾轮防护板, 图纸Dwg. 112.35.06.213 Tail wheel debris guard, Dwg. 112.35.06.213	2.7	+9850	
16	主轮挡泥板1.00×12 Dwg. 114.35.06.035/036 Dirt scrapers on main wheels 1.00×12 Dwg. 114.35.06.035/036	5.0	+2900	
17	机翼和尾翼前缘的玻璃纤维层压材料: - 机翼, 全部: - 水平安定面 - 垂直尾翼 Fiberglass laminate on wings and tail plane nose: - on wings, Total: - on horizontal stabilizer - on vertical fin	6.8 2.0 0.5	+3100 +9300 +8700i	
18	客舱内带有燃油交输装置的燃油运送油箱 (3×200升), 图纸Dwg. 6266.141 Fuel ferry tank installation in the cabin (3×200 liters) with fuel transfer installation, Dwg. 6266.141	98.0	+4500	1104
19	客舱内带有燃油交输装置的燃油运送油箱 (200升), 图纸Dwg. V-43593 Fuel ferry tank installation in the cabin (200 liters) with fuel transfer installation, Dwg. V-43593	21.0	+5500	1490 1860
20	翼下燃油箱 Fuel under wing tank installation, Dwg. 115.55.06.065/066 (2×49 US-Gal.) Dwg. 115.55.06.210 (2×63 US-Gal.) Dwg. 115.55.06.321/322 (2×64 US-Gal.)	55.0 60.0	+3420 +3420	1347-1 1826 1347-2 1826-1 1347-3/4
21	跳伞操作装置在飞行手册的增补部分详细描述 Installation for parachutist's operation as detailed in AFM Supplement			1186 1824
22	农业设备在飞行手册的增补部分详细描述 Agricultural equipment as detailed in AFM Supplement			1143-2 1861
23	发动机进气过滤系统, 型号Mk 3B	6.2	+50	1422

	Engine air intake filter system, model Mk 3B			
24	副翼配平系统/Aileron trim system 机械式/mechanical 电控/electrical	1.5	+3300	1424 1849
25	a) 螺旋桨除冰系统Goodrich No. 7E 1297 Propeller De-icing system Goodrich No. 7E 1297 b) 可加热螺旋桨 Hot-Prop	3.5	+160	1504 1914
26	行包传送基本设备 - 配件112.35.06.388 - 电源, Dwg. 110.36.06.147 - 机腹保护板连接点, Dwg. 119.99.06.105 Basic equipment for target sack winch - fittings 112.35.06.388 - electrical power supply installation, Dwg. 110.36.06.147 - protective plates attachment points on fuselage belly, Dwg. 119.99.06.105	5.0	+2580	
27	行包传送在飞行手册增补部分详细描述 Target sack winch as detailed in AFM Suppl.	310.0	+1248	1511-1
28	PT6A-20B发动机安静运行控制系统 (PILATUS服务通告 No. 121) PT6A-20B Engine control system for quiet operation (PILATUS Service Bulletin No. 121)			1526 1526-1
29	自动驾驶/Autopilot	11.5	+3304	1524-1
30	蔡司RMK 21/23航空摄影机基本设备: - 摄影机适配器配件112.35.06.388 - 排水收集管, Dwg. V1 8961 - 电源, Dwg. 110.36.06.147 Basic equipment for Zeiss RMK 21/23 aerial camera installation: - fittings 112.35.06.388 for camera adapter - drain collector tube, Dwg. V1 8961 - electrical power supply installation, Dwg. 110.36.06.147	5.0	+2580	
31	蔡司RMK 21/23航空摄像机安装, Dwg. V0 8930 Zeiss RMK 21/23 aerial camera installation, Dwg. V0 8930	148.0	+4080	
32	客舱左右摄像机悬挂配件, Dwg. V0 8930 Fittings for hang camera suspension in cabin l. and r., Dwg. V0 8930	可忽略 negligible		
33	外部储存硬点 (PIL. S. B. No. 43) - 每侧机翼一个悬挂点 - 每侧机翼两个悬挂点 External store hard points (PIL. S. B. No. 43) - one suspension point on each wing - two suspension points on each wing	7.5 15.0	+3420 +3420	
34	发动机压气机冲洗环 (PILATUS服务通告No. 94)	0.8	+880	

	Engine compressor wash ring (PILATUS Service Bulletin No. 94)			
35	两个连接器组件 Two coupling assembly	3.3	+8500	1627
36	灭火装置 (水箱211美加仑, 800升, Dwg. 119.70.06.712) Fire fighting installation (water tank 211 US-Gal. -800 litres, Dwg. 119.70.06.712)	45.0	+4207	1653
37	风挡窗帘 Windshield curtains	0.5	+3050	
38	方向舵配平电机 Rudder trim electrical			1848

3 文档/Documents

3.1 飞行手册/Flight Manuals

瑞士联邦民航办公室批准的飞行手册在下表列出, 附录包括实际的重量和平衡。

Swiss Federal Office for Civil Aviation approved Flight Manual as listed in the following table with appendix for actual weight and balance included.

型号/Model 报告号/Reprot No.	PC-6/B2-H4 (直到序号824/up to S/N 824) 1072-20
型号/Model 报告号/Reprot No.	PC-6/B2-H4 (自序号825/from S/N 825) 1820

3.2 飞行手册增补/Flight Manuals Supplements

瑞士FOCA批准的增补列于下表:

Swiss FOCA approved Supplements as listed in the following table:

报告号 Report No.	适用型号 Applicable for PORTER Model	标题 Subject	运行分类 Operating Category
1424	所有型号/All models	副翼配平系统机械式 Aileron Trim System mechanical	正常/Normal
1804	所有PC-6/all PC-6	Weather Radar King KWX56	正常/Normal
1812	所有PC-6/all PC-6	RNAV King KNS 81	正常/Normal
1813	所有PC-6/all PC-6	RNAV and TACAN King KNS 81	正常/Normal
1824	PC-6/B2-H4	Cabin doors removed, sliding door/hatch door open (parachuting)	正常/Normal
1825*	PC-6/B2-H4	Ski operation	正常/Normal
1826	PC-6/B2-H4, 直到序号824 up to S/N 824	Underwing tanks 372 ltrs. 477 ltrs. 487 ltrs.	正常/Normal
1826-1	PC-6/B2-H4, 自序号825 from S/N 825		
1846	所有PC-6/all PC-6	Weather Radar Bendix RDS-82	正常/Normal
1848	所有PC-6/all PC-6	Rudder Trim System electrical	正常/Normal

1849	所有PC-6/all PC-6	Aileron Trim system electrical	正常/Normal
1850	PC-6/B2-H4	Emergency Battery System	正常/Normal
1859	PC-6/B2-H4	Fuel ferry tanks installation (barrels in cabin) 568 ltrs.	Restricted CAM 8 (due to fuel in cabin)
1860	PC-6/B2-H4	Fuel ferry tank V-43593 a90 ltrs. in cabin	Restricted CAM 8 (due to fuel in cabin)
1861	PC-6/B2-H4	Agricultural equipment	Restricted CAM 8 (max. zero fuel weight exceeded)
1862	PC-6/B2-H4	Fire Fighting	Restricted CAM 8 (max. zero fuel weight exceeded)
1887	PC-6/B2-H4	Q-Operation	正常/Normal
1898	PC-6/B2-H4	Micronair Underwing Spray Pod System	Restricted CAM 8 (due to agricultural approved equipment)
1904	PC-6/B2-H4	Air Intake Filter System	正常/Normal
1905	所有PC-6/all PC-6	Omega/VLF Nav. System Global GNS-500A 5.4	正常/Normal
1906	所有PC-6/all PC-6	Color Weather Radar Bendix RDS-84	正常/Normal
1913	所有PC-6/all PC-6	Remote Computer Unit Bendix IU-2023B	正常/Normal
1914	所有PC-6, 白序号825 All PC-6 from S/N 825	Propeller De-Icing System (HOT-PROP)	正常/Normal
1915	PC-6/B2-H4	Camera Assy (Floor Hatch)	正常/Normal
1948	PC-6/B2-H4	Reduced Noise Operation (Adjustable Propeller Lever)	正常/Normal
01988	所有PC-6/all PC-6	GPS System TNL-2000	正常/Normal
02043	所有PC-6/all PC-6	GPS Nav System KLN 90	正常/Normal
02048	所有PC-6/all PC-6	Emergency Fuel Control (MOR)	正常/Normal
02057	所有PC-6/all PC-6	GPS Nav System KLN 90A	正常/Normal
02090	所有PC-6/all PC-6	Onboard Oxygen System I	正常/Normal
02098	所有PC-6/all PC-6	Color weather Radar RDR 2000	正常/Normal
02101	所有PC-6/all PC-6	GPS Nav System KLN 90B	正常/Normal
02105	所有PC-6/all PC-6	Onboard Oxygen System II	正常/Normal
02174	PC-6/B2-H4	De-Icing System for FAA STC 4-Blade Propeller	正常/Normal
02186	所有PC-6/all PC-6	KLN 90B B-RNAV (RNP-5) GPS Nav System	正常/Normal
02207	所有PC-6/all PC-6	Horizontal Stabilizer Trim Warning System	正常/Normal

*当安装了翼下油箱时，禁止带滑梯运行。

Operation with Skis prohibited when Underwing Tanks are installed.

3.3 维修文档/Maintenance Documents

PC-6	维修手册（-H4型号）/Maintenance Manual Doc. No. 01975 (for -H4 model)
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4.0 注释/Notes

Note 1. 出厂序号 (MSN) 从2001到2092的, 由Fairchild Republic公司 (也被称作Fairchild工业、Fairchild Heli Porter and Fairchild-Hilled公司) 在美国生产, 通过本型号合格证No. TC F56-10覆盖的许可协议。

Manufacturer Serial Number (MSN) 2001 thru 2092 were manufactured by Fairchild Republic Company (also identified as Fairchild Industries, Fairchild Heli Porter and Fairchild-Hilled Corporation) in the United States of America under a license agreement and are covered by this Type Certificate No. TC F56-10.

结束

END