TYPE-CERTIFICATE
DATA SHEET

NO. EASA.A.434

for
HB 21

Type Certificate Holder
HB-Flugtechnik

Dr. Adolf Schärstraße 42
A-4053 Haid
Austria

For models: HB 21, HB 21/2400, HB 21/2400 B, HB 21 V1, HB 21 V2
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SECTION A: HB 21

A.I General

1. Type/ Model/ Variant
   1.1 Type: HB 21
   1.2 Model: -
   1.3 Variant: -

2. Airworthiness Category Utility

3. Manufacturer HB Brditschka GesmbH&CoKG Flugzeugbau A-4053 Haid Austria

4. EASA Type Certification Application Date -
5. State of Design Authority BAZ/ACG
6. State of Design Authority Type Certificate Date March 1978 see Note 4
7. EASA Type Certification Date -

A.II EASA Certification Basis

1. Reference Date for determining the applicable requirements -
2. Airworthiness Requirements LFSM issued 1.November 1975
3. Special Conditions None
4. Exemptions None
5. (Reserved) Deviations None
6. Equivalent Safety Findings None
7. Environmental Protection Zivilluftfahrzeug-Lärmzulässigkeitverordnung 429/1982
A.III  Technical Characteristics and Operational Limitations

1. Type Design Definition
   Drawing Set and following approved Design Changes (ÄM – System)

2. Description
   Single engine, two-seated high wing airplane, wooden wing/steel tube fuselage construction, tandem seating configuration, fixed tri gear, air brakes on upper wing surface and pusher propeller

3. Equipment
   Minimum Equipment:
   - 1 airspeed indicator (range up to 250 km/h)
   - 1 altimeter with mbar barometric dial
   - 1 magnetic compass with deviation table
   - 1 RPM indicator
   - 1 running time meter
   - 1 oil pressure gauge
   - 1 oil temperature gauge
   - 1 Voltmeter
   - 1 fuel pressure indicator
   - 1 fuel quantity gauge
   - 1 stall warning indicator
   - 1 at least 4-point harness for each seat
   - 1 Masterswitch
   - 1 Currentprotection (circuit protection)
   - 1 Generator and 1 Battery
   - For Acrobatic in addition
     - 1 G-Meter
     - 2 Safety loops for Rudderpedals
   - For Cloudflights
     - 1 Variometer
     - 1 Turn and Bank indicator
     - 1 COM

4. Dimensions
   - Span 16,24 m
   - Length 8,48 m
   - Height 2,60 m
   - Wing Area 19,00 m²

5. Engine
   - 5.1 Model VW-W-1600 G or G/2
   - 5.2 Type Certificate BAZ TW 2/77
   - 5.3 Limitations Max take-off rotational speed 4000 r.p.m.
     Max continuous rotational speed 3600 r.p.m
   - 5.4 Maximum Continuous Power For power-plants limits refer to Flight Manual

6. Propeller
   - 6.1 Model 1 Hoffmann HO 14 *175 117 LD or
     HO 14 *172 117 LD
   - 6.2 Type Certificate LBA 32.110/1
6.3 Settings

Low pitch setting/ Static RPM: 3400+/- 200

7. Fluids

7.1 Fuel

AVGAS 100 LL or Automotive Gasoline, Leaded/unleaded min ROZ 98 (see Note 2)

7.1 Oil

quality automotive oils Castrol GTX2 or all HD SAE 15W40 (see Flight Manual)

8. Fluid capacities

8.1 Fuel

Standard Fuel Tank
Total: 54 liters
Usable: 53 liters

8.2 Oil

Maximum: 2,5 liters
Minimum: 1,5 liters

9. Air Speeds

Design Manoeuvring Speed $v_a$: 173 km/h

Maximum rough air speed $V_{ra}$: 173 km/h.

Never exceed speed $V_{ne}$: 200 km/h

10. Approved Operations Capability

VFR Day

Cloud flying permitted

11. Maximum Masses

(see Note 6)

Take-off 750 kg
Maximum mass of non lifting parts 550 kg

12. Centre of Gravity Range

Forward limit 2,410 m behind Datum
Rear limit: 2,520 m behind Datum

13. Datum

2,00 m in front of wing leading edge at root rib

14. Levelling Means

top of fuselage aft of propeller horizontal

15. Minimum Flight Crew

1 (Pilot)

16. Maximum Passenger Seating Capacity

1

17. Baggage/ Cargo Compartments

Behind Seats 10 kg

18. Wheels and Tyres

Main/Tail Wheel Tyre Size
For approved Types and rating see AMM
A.IV Operating and Service Instructions

1. Flight Manual


   Engine Manual, Westermayer– VW-V-1600 G

   Hoffmann, Operation and Maintenance Manual for the HOCO propeller, latest Issue or

Service Informations and Service Bulletins

All Master Manuals are issued in German Language only
A.V  Notes

1) Only industrial manufacturing is permitted.

2) Use of unleaded automotive fuel SUPER PLUS 98 ÖNorm C1100, min. ROZ 98, in accordance with TM/HB/23/23/93, latest issue, is permitted.

3) Modification from engine VW-W 1600-G to G/2 is approved with TM 016

4) Initial Certification carried out by the Austrian Aviation Authority – Bundesamt für Zivilluftfahrt renamed to Austro Control

5) The certification applies to SNo. 21.008 up to 21.029 inclusive.

6) The extension of the maximum take off weight from 710 to 750 kg and the maximum weight of the lifting parts from 500 to 550 kg is approved with TM 032/83 dated 13. July 1983, BAZ approved.

7) Cloud Flights and Acrobatic is approved in accordance with TM 017/80 dated 1. Sept.1980, BAZ approved.
SECTION B: HB 21/2400

B.I General

1. Type/Model/Variant
   1.1 Type: HB 21
   1.2 Model: -
   1.3 Variant: HB 21/2400

2. Airworthiness Category
   Utility

3. Manufacturer
   HB Brütschka GesmbH & Co KG
   Flugzeugbau
   A-4053 Haid
   Austria

4. EASA Type Certification Application Date -

5. State of Design Authority
   BAZ/ACG

6. State of Design Authority Type Certificate Date
   March 1983 see Note 3;
   The EASA Type Certificate replaces the Austrian Type Certificate SF 2/78

7. EASA Type Certification Date -

B.II EASA Certification Basis

1. Reference Date for determining the applicable requirements -

2. Airworthiness Requirements
   LFSM issued 1. November 1975

3. Certification Basis
   LFSM issued 1. November 1975

4. Special Conditions
   None

5. Exemptions
   None

6. (Reserved) Deviations
   None

7. Equivalent Safety Findings
   None

8. Environmental Protection
   Zivilluftfahrzeug-Lärmzulässigkeitverordnung
   429/1982
B.III  Technical Characteristics and Operational Limitations

1. Type Design Definition  
   Drawing Set and following approved Design Changes (ÄM – System)

2. Description  
   Single engine, two-seated high wing airplane, wooden wing/steel tube fuselage construction, tandem seating configuration, fixed tri gear, air brakes on upper wing surface and pusher propeller

3. Equipment Minimum Equipment:  
   1 airspeed indicator (range up to 250 km/h)  
   1 altimeter with mbar barometric dial  
   1 magnetic compass with deviation table  
   1 RPM indicator  
   1 running time meter  
   1 oil pressure gauge  
   1 oil temperature gauge  
   1 Voltmeter  
   1 fuel pressure indicator  
   1 fuel quantity gauge  
   1 stall warning indicator  
   1 at least 4-point harness for each seat  
   1 Masterswitch  
   1 Current protection (circuit protection)  
   1 Generator and 1 Battery

   For Acrobatic in addition
   1 G-Meter  
   2 Safety loops for Rudderpedals

   For Cloudflights
   1 Variometer  
   1 Turn and Bank indicator  
   2 COM

4. Dimensions  
   Span 16,24 m  
   Length 8,48 m  
   Height 2,60 m  
   Wing Area 19,00 m²

5. Engine
   5.1 Model VW-HB-2400 G  
   5.2 Type Certificate BAZ 4/82  
   5.3 Limitations Max take-off rotational speed 4000 r.p.m.  
                   Max continuous rotational speed 3600 r.p.m
   5.4 Maximum Continuous Power For power-plants limits refer to Flight Manual

6. Propeller
   6.1 Model 1 Hoffmann HO 14 *175 130 LD or  
             HO 14 *172 130 LD
6.2 Type Certificate  LBA 32.110/1
6.3 Settings  Low pitch setting/ Static RPM:  3400+/- 200

7. Fluids

7.1 Fuel  AVGAS 100 LL or Automotive Gasoline, Leaded/unleaded min ROZ 98 (see Note 4)
7.2 Oil  quality automotive oils (see Flight Manual)

8. Fluid capacities

8.1 Fuel  Standard Fuel Tank
          Total:  54 liters
          Usable:  53 liters
8.2 Oil  Maximum:  4.0 liters
          Minimum:  3.0 liters

9. Air Speeds

Design Manoeuvring Speed $v_A$:  173 km/h
Maximum rough air speed $V_{ra}$:  173 km/h.
Never exceed speed $V_{ne}$:  200 km/h

10. Approved Operations Capability  VFR Day

Cloud flying permitted

11. Maximum Masses  (see Note 6)
          Take-off  750 kg
          Maximum mass of non lifting parts  550 kg

12. Centre of Gravity Range

Forward limit  2,410 m behind Datum
Rear limit:  2,520 m behind Datum

13. Datum  2.00 m in front of wing leading edge at root rib 2

14. Levelling Means  top of fuselage aft of propeller horizontal

15. Minimum Flight Crew  1 (Pilot)

16. Maximum Passenger Seating Capacity  1

17. Baggage/ Cargo Compartments  Behind Seats  10 kg

18. Wheels and Tyres  Main/Tail Wheel Tyre Size
For approved Types and rating see AMM
B.IV Operating and Service Instructions

1. Flight Manual
   BAZ approved (German Version)

   (German Version)
   Hoffmann, Operation and Maintenance Manual for the HOCO propeller, latest Issue or

Service Informations and Service Bulletins

All Master Manuals are issued in German Language only
B.V  **Notes**

1) Only industrial manufacturing is permitted.

2) Use of unleaded automotive fuel SUPER PLUS 98 ÖNorm C1100, min. ROZ 98, in accordance with TM/HB/23/23/93, latest issue, is permitted.

3) Initial Certification carried out by the Austrian Aviation Authority – Bundesamt für Zivilluftfahrt renamed to Austro Control

4) The certification applies to SNo. 21.008 up to 21.029 inclusive. The conversion from m HB 21 to variant HB21/2400 is approved.

5) The extension of the maximum take off weight from 710 to 750 kg and the maximum weight of the lifting parts from 500 to 550 kg is approved with TM 023/83 dated 13. July 1983, BAZ approved.

6) Cloud Flights and Acrobatic is approved in accordance with TM 017/80 dated 1. Sept.1980, BAZ approved.

7) Glider and Banner towing is approved with TM 021/81 dated 27.2.1982, the following additional equipment must be installed:
   - 1 cylinder head temperature gauge
   - 1 Tow indicator in the instrument panel
   - 1 coupling type Tost E75
   - 1 mirror
SECTION C: HB 21/2400 B

C.I General

1. Type/ Model/ Variant
   1.1 Type: HB 21
   1.2 Model: -
   1.3 Variant: HB 21/2400B
2. Airworthiness Category Utility
3. Manufacturer HB Brditschka GesmbH&CoKG
   Flugzeugbau
   A-4053 Haid
   Austria
4. EASA Type Certification Application Date -
5. State of Design Authority BAZ/ACG
6. State of Design Authority Type Certificate Date March 1983 see Note 3;
   The EASA Type Certificate replaces the Austrian Type Certificate SF 2/78
7. EASA Type Certification Date -

C.II EASA Certification Basis

1. Reference Date for determining the applicable requirements -
2. Airworthiness Requirements LFSM issued 1.November 1975
3. Certification Basis LFSM issued 1.November 1975
4. Special Conditions None
5. Exemptions None
6. (Reserved) Deviations None
8. Environmental Protection Zivilluftfahrzeug-Lärmzulässigkeitverordnung 429/1982
C.III  Technical Characteristics and Operational Limitations

1. Type Design Definition
   Drawing Set and following approved Design Changes (ÄM – System)

2. Description
   Single engine, two-seated high wing airplane, wooden wing/steel tube fuselage construction, tandem seating configuration, fixed tri gear, air brakes on upper wing surface and pusher propeller

3. Equipment Minimum Equipment:
   1 airspeed indicator (range up to 250 km/h)
   1 altimeter with mbar barometric dial
   1 magnetic compass with deviation table
   1 RPM indicator
   1 running time meter
   1 oil pressure gauge
   1 oil temperature gauge
   1 Voltmeter
   1 fuel pressure indicator
   1 fuel quantity gauge
   1 stall warning indicator
   1 at least 4-point harness for each seat
   1 Masterswitch
   1 Current protection (circuit protection)
   1 Generator and 1 Battery

   For Acrobatic in addition
   1 G-Meter
   2 Safety loops for Rudderpedals

   For Cloudflights
   1 Variometer
   1 Turn and Bank indicator
   1 COM

4. Dimensions
   Span 16,24 m
   Length 8,48 m
   Height 2,60 m
   Wing Area 19,00 m²

5. Engine
   5.1 Model VW-HB-2400 G
   5.2 Type Certificate BAZ 4/82
   5.3 Limitations Max take-off rotational speed 4000 r.p.m.
   Max continuous rotational speed 3600 r.p.m
   5.4 Maximum Continuous Power For power-plants limits refer to Flight Manual

6. Propeller
   6.1 Model 1 Hoffmann HO 14 *175 130 LD or
   HO 14 *172 130 LD
6.2 Type Certificate
LBA 32.110/1

6.3 Settings
Low pitch setting/ Static RPM: 3400+/− 200

7. Fluids

7.1 Fuel
AVGAS 100 LL or Automotive Gasoline, Leaded/unleaded min ROZ 98 (see Note 2)

7.2 Oil
quality automotive oils (see Flight Manual)

8. Fluid capacities

8.1 Fuel
Standard Fuel Tank
Total: 54 liters
Usable: 53 liters

8.2 Oil
Maximum: 4,0 liters
Minimum: 3,0 liters

9. Air Speeds

Design Manoeuvring Speed $v_A$: 173 km/h

Maximum rough air speed $V_{ra}$): 173 km/h.

Never exceed speed $V_{ne}$: 200 km/h

10. Approved Operations Capability
VFR Day
Cloud flying permitted

11. Maximum Masses

Take-off 775 kg
Maximum mass of non lifting parts 550 kg

12. Centre of Gravity Range

Forward limit 2,410 m behind Datum
Rear limit: 2,520 m behind Datum

13. Datum
2,00 m in front of wing leading edge at root rib 2

14. Levelling Means
top of fuselage aft of propeller horizontal

15. Minimum Flight Crew
1 (Pilot)

16. Maximum Passenger Seating Capacity
1

17. Baggage/ Cargo Compartments
Behind Seats 10 kg

18. Wheels and Tyres
Main/Tail Wheel Tyre Size
For approved Types and rating see AMM
C.IV  **Operating and Service Instructions**

1. **Flight Manual**
   
   
   BAZ approved (German Version)

2. **Maintenance Manual**
   
   
   (German Version)

   
   later approved Issue

   Hoffmann, Operation and Maintenance Manual for
   
   the HOCO propeller, latest Issue or Service
   
   Informations and Service Bulletins

All Master Manuals are issued in German Language
   
   only
C.V  Notes

1) Only industrial manufacturing is permitted.

2) Use of unleaded automotive fuel SUPER PLUS 98 ÖNorm C1100, min. ROZ 98, in accordance with TM/HB/23/23/93, latest issue, is permitted.

3) Initial Certification carried out by the Austrian Aviation Authority – Bundesamt für Zivilluftfahrt renamed to Austro Control

4) The certification applies to SNo. 21.008 up to 21.029 inclusive.

5) Cloud Flights and Acrobatic is approved in accordance with TM 017/80 dated 1. Sept.1980, BAZ approved.

6) Glider and Banner towing is approved with TM 021/81 dated 27.2.1982, the following additional equipment must be installed:
   1) cylinder head temperature gauge
   2) Tow indicator in the instrument panel
   3) coupling type Tost E75
   4) mirror
SECTION D: HB 21 V1

D.I General

1. Type/ Model/ Variant
   1.1 Type: HB 21
   1.2 Model: -
   1.3 Variant: HB 21 VI

2. Airworthiness Category
   Utility

3. Manufacturer
   HB Brditschka GesmbH&CoKG
   Flugzeugbau
   A-4053 Haid
   Austria

4. EASA Type Certification Application Date
   -

5. State of Design Authority
   BAZ/ACG

6. State of Design Authority Type Certificate Date
   16 August 1978 see Note 2;
   The EASA Type Certificate replaces the Austrian Type Certificate SF 4/78

7. EASA Type Certification Date
   -

D.II EASA Certification Basis

1. Reference Date for determining the applicable requirements
   -

2. Airworthiness Requirements
   LFSM issued 1.November 1975

3. Certification Basis
   LFSM issued 1.November 1975

4. Special Conditions
   None

5. Exemptions
   None

6. (Reserved) Deviations
   None

7. Equivalent Safety Findings
   None

8. Environmental Protection
   Zivilluftfahrzeug-Lärmzulässigkeitverordnung
   486/1972
D.III Technical Characteristics and Operational Limitations

1. Type Design Definition
   Drawing Set and following approved Design Changes (ÄM – System)

2. Description
   Single engine, two-seated high wing airplane, wooden wing/steel tube fuselage construction, tandem seating configuration, fixed tri gear, air brakes on upper wing surface and pusher propeller

3. Equipment Minimum Equipment:
   1 airspeed indicator (range up to 250 km/h)
   1 altimeter with mbar barometric dial
   1 magnetic compass with deviation table
   1 RPM indicator
   1 running time meter
   1 oil pressure gauge
   1 oil temperature gauge
   1 Voltmeter
   1 fuel pressure indicator
   1 fuel quantity gauge
   1 stall warning indicator
   1 at least 4-point harness for each seat
   1 Masterswitch
   1 Current protection (circuit protection)
   1 Generator and 1 Battery

4. Dimensions
   Span  16.24 m
   Length  8.48 m
   Height  2.60 m
   Wing Area  19.00 m²

5. Engine
   5.1 Model  VW-HB-1600 G
   5.2 Type Certificate  BAZ 2/77
   5.3 Limitations
      Max take-off rotational speed  4000 r.p.m.
      Max continuous rotational speed  3600 r.p.m

6. Propeller
   6.1 Model  1 Hoffmann  HO 14 *175 117
   6.2 Type Certificate  LBA 32.110/1
   6.3 Settings
      Low pitch setting/ Static RPM:  3400+/- 200

7. Fluids
   7.1 Fuel
      AVGAS 100 LL or
      Automotive Gasoline,
      Leaded/unleaded min ROZ 98
      (see Note 1)

   7.2 Oil
      quality automotive oils Castrol GTX2 or
8. Fluid capacities

8.1 Fuel

- Standard Fuel Tank
  - Total: 54 liters
  - Usable: 53 liters

8.2 Oil

- Maximum: 2.5 liters
- Minimum: 1.5 liters

9. Air Speeds

- Design Manoeuvring Speed $v_{\text{as}}$: 160 km/h
- Maximum rough air speed $V_{\text{ra}}$: 160 km/h
- Never exceed speed $v_{\text{ne}}$: 175 km/h

10. Approved Operations Capability

11. Maximum Masses

- Take-off: 661 kg
- Maximum mass of non lifting parts: 467 kg

12. Centre of Gravity Range

- Forward limit: 2,410 m behind Datum
- Rear limit: 2,520 m behind Datum

13. Datum

- 2,00 m in front of wing leading edge at root rib 2

14. Levelling Means

- Top of fuselage aft of propeller horizontal

15. Minimum Flight Crew

- 1 (Pilot)

16. Maximum Passenger Seating Capacity

- 1

17. Baggage/ Cargo Compartments

- Behind Seats: 10 kg

18. Wheels and Tyres

- Main/Tail Wheel Tyre Size
  - For approved Types and rating see AMM

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all HD SAE 15W40 (see Flight Manual)
D.IV **Operating and Service Instructions**

1. **Flight Manual**
   - BAZ approved (German Version)

2. **Maintenance Manual**
   - (German Version)

   Engine Manual, VW-W 1600 G

   Hoffmann, Operation and Maintenance Manual for the HOCO propeller, latest Issue or Service
   Informations and Service Bulletins

   All Master Manuals are issued in German Language only
D.V  Notes

1) Use of unleaded automotive fuel SUPER PLUS 98 ÖNorm C1100, min. ROZ 98, is permitted.

2) Initial Certification carried out by the Austrian Aviation Authority – Bundesamt für Zivilluftfahrt renamed to Austro Control

3) The certification applies to SNo. 21.001
SECTION E: HB 21 V2

E.I  General

1. Type/ Model/ Variant
   1.1 Type: HB 21
   1.2 Model: -
   1.3 Variant: HB 21 V2
2. Airworthiness Category Utility
3. Manufacturer HB Brditschka GesmbH&CoKG Flugzeugbau A-4053 Haid Austria
4. EASA Type Certification Application Date -
5. State of Design Authority BAZ/ACG
6. State of Design Authority Type Certificate Date 10 April 1978 see Note 2; The EASA Type Certificate replaces the Austrian Type Certificate SF 3/78
7. EASA Type Certification Date -

E.II  EASA Certification Basis

1. Reference Date for determining the applicable requirements -
2. Airworthiness Requirements LFSM issued 1.November 1975
3. Certification Basis LFSM issued 1.November 1975
4. Special Conditions None
5. Exemptions None
6. (Reserved) Deviations None
7. Equivalent Safety Findings None
8. Environmental Protection Zivilluftfahrzeug-Lärmzulässigkeitverordnung 486/1972


E.III  **Technical Characteristics and Operational Limitations**

1. **Type Design Definition**
   Drawing Set and following approved Design Changes (ÄM – System)

2. **Description**
   Single engine, two-seated high wing airplane, wooden wing/steel tube fuselage construction, tandem seating configuration, fixed tri gear, air brakes on upper wing surface and pusher propeller

3. **Equipment Minimum Equipment:**
   - 1 airspeed indicator (range up to 250 km/h)
   - 1 altimeter with mbar barometric dial
   - 1 magnetic compass with deviation table
   - 1 RPM indicator
   - 1 running time meter
   - 1 oil pressure gauge
   - 1 oil temperature gauge
   - 1 Voltmeter
   - 1 fuel pressure indicator
   - 1 fuel quantity gauge
   - 1 stall warning indicator
   - 1 at least 4-point harness for each seat
   - 1 Masterswitch
   - 1 Current protection (circuit protection)
   - 1 Generator and 1 Battery

4. **Dimensions**
   - Span: 16.24 m
   - Length: 8.48 m
   - Height: 2.60 m
   - Wing Area: 19.00 m²

5. **Engine**
   - **5.1 Model**
     - VW-W 1600 G
   - **5.2 Type Certificate**
     - BAZ 2/77
   - **5.3 Limitations**
     - Max take-off rotational speed: 4000 r.p.m.
     - Max continuous rotational speed: 3600 r.p.m
   - **5.4 Maximum Continuous Power**
     - For power-plants limits refer to Flight Manual

6. **Propeller**
   - **6.1 Model**
     - 1 Hoffmann HO 14 *175 117
   - **6.2 Type Certificate**
     - LBA 32.110/1
   - **6.3 Settings**
     - Low pitch setting/ Static RPM: 3400+/- 200

7. **Fluids**
   - **7.1 Fuel**
     - AVGAS 100 LL or Automotive Gasoline, Leaded/unleaded min ROZ 98 (see Note 1)
   - **7.2 Oil**
     - quality automotive oils Castrol GTX2 or all HD SAE 15W4 (see Flight Manual)
8. Fluid capacities
   8.1 Fuel
      Standard Fuel Tank
      Total: 54 liters
      Usable: 53 liters
   8.2 Oil
      Maximum: 2.5 liters
      Minimum: 1.5 liters

9. Launching Hooks
10. Air Speeds
    Design Maneuvering Speed $v_a$: 166 km/h
    Maximum rough air speed $V_{ra}$: 166 km/h.
    Never exceed speed $v_{ne}$: 200 km/h

11. Approved Operations Capability
12. Maximum Masses
    VFR Day
    Take-off 661 kg
    Maximum mass of non lifting parts 467 kg
13. Centre of Gravity Range
    Forward limit 2,410 m behind Datum
    Rear limit: 2,520 m behind Datum
14. Datum
    2,00 m in front of wing leading edge at root rib 2
15. Levelling Means
    Top of fuselage aft of propeller horizontal
16. Minimum Flight Crew
    1 (Pilot)
17. Maximum Passenger Seating Capacity
    1
18. Baggage/ Cargo Compartments
    Behind Seats 10 kg
19. Wheels and Tyres
    Main/Tail Wheel Tyre Size
    For approved Types and rating see AMM
E.IV Operating and Service Instructions

1. Flight Manual
   Airplane Flight Manual HB 21/2400, Issue 10.April 1978, BAZ approved (German Version)

   Maintenance Manual, Issue 10.April 1978 (German Version)

   Engine Manual, VW-W 1600 G,

   Hoffmann, Operation and Maintenance Manual for the HOCO propeller, latest Issue or

Service Informations and Service Bulletins

All Master Manuals are issued in German Language only
Notes

1) Use of unleaded automotive fuel SUPER PLUS 98 ÖNorm C1100, min. ROZ 98, is permitted.

2) Initial Certification carried out by the Austrian Aviation Authority – Bundesamt für Zivilluftfahrt renamed to Austro Control

3) The certification applies to SNo. 21.002 up to 21.007 including
SECTION F: ADMINISTRATIVE SECTION

F.I Acronyms & Abbreviations

F.II Type Certificate Holder Record
HB-Flugtechnik GmbH
Dr. Adolf Schärfstraße 42
A-4053 Haid, Austria
www.hb-flugtechnik.at

F.III Change Record

<table>
<thead>
<tr>
<th>Issue</th>
<th>Date</th>
<th>Changes</th>
<th>TC Issue No. &amp; Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue 01</td>
<td>25 January 2010</td>
<td>Initial Issue; Transfer from ACG TCDS SF 2/78 issue 5, SF 4/78 issue 1 and SF 3/78 issue 1 to the EASA Type Design</td>
<td>Initial Issue, 25 January 2010</td>
</tr>
<tr>
<td>Issue 02</td>
<td>08 January 2024</td>
<td>New EASA template; Correction of Maximum Passenger Seating Capacity for each variant;</td>
<td>Initial Issue, 25 January 2010</td>
</tr>
</tbody>
</table>

-END-