TYPE-CERTIFICATE

DATA SHEET

NO. EASA.A.434

for
HB 21

Type Certificate Holder
HB-Flugtechnik

Dr. Adolf Schärfstraße 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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Contents

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 Vra): 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

A.IV Operating and Service Instructions

1.	Flight Manual	Airplane Flight Manual HB 21, Issue 24.March 1983, BAZ approved (German Version)
2.	Maintenance Manual	Maintenance Manual, Issue 24. March 1983, (German Version) 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) Clowd 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 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	-

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 Vra): 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	Airplane Flight Manual HB 21/2400, Issue 15.6. 1983 BAZ approved (German Version)
2.	Maintenance Manual	Maintenance Manual, Issue 24. March 1983, (German Version)
		Engine Manual , VW-HB-2400 G, Oktober 1981 or 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

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
7.	Equivalent Safety Findings	BAZ approval 6285-2/26-83 dated 25.Juli 1983
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 Vra): 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	Airplane Flight Manual HB 21/2400B, Issue 24.3. 1983 BAZ approved (German Version)
2. Maintenance Manual	Maintenance Manual, Issue 24. March 1983, (German Version) Engine Manual , VW-HB-2400 G, Oktober 1981 or 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
   1 Tow indicator in the instrument panel
   1 coupling type Tost E75
   1 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
	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 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:	160 km/h
Maximum rough air speed Vra):	160 km/h.
Never exceed speed v_{NE}:	175 km/h

10. Approved Operations Capability VFR Day

11. Maximum Masses (see Note 6)

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

D.IV Operating and Service Instructions

1. Flight Manual	Airplane Flight Manual HB 21/2400, Issue 16.8. 1978 BAZ approved (German Version)
2. Maintenance Manual	Maintenance Manual, Issue 16.8. 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

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 Manoeuvring Speed v_A:	166 km/h
Maximum rough air speed Vra):	166 km/h.
Never exceed speed v_{NE}:	200 km/h

11. Approved Operations Capability VFR Day

12. Maximum Masses

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)
2.	Maintenance Manual	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

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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

Issue	Date	Changes	TC Issue No. & Date
Issue 01	25 January 2010	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	Initial Issue, 25 January 2010
Issue 02	08 January 2024	New EASA template; Correction of Maximum Passenger Seating Capacity for each variant;	Initial Issue, 25 January 2010

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