TYPE CERTIFICATE DATA SHEET

No. EASA.IM.BA.518

for

Aerostar (Raven) Series

Type Certificate Holder

Balloonacy, LLC
125 Redwood Circle
Fayetteville, GA 30214
U.S.A.

For Models: RX-6, RX-7, RX-8, RXS-8, RX-9
S-49A, S-52A, S-53A, S-55A, S-57A, S-60A, S-66A, S-71A, S-77A
CELL, W100LB

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SECTION 1: RX Series

I. General

1.	Type, Model	Type: Aerostar (Raven) RX Series Model: RX-6, RX-7, RX-8, RXS-8, RX-9
2.	Airworthiness Category	Normal, Hot-Air Balloon
3.	Manufacturer	See 'Section: Administrative', III.
4.	Type Certification Application Date	to FAA: 12 December 1967 (initial, A15CE)) to LBA: 2 January 1985 (initial, model RX-6)
5.	State of Design Authority	FAA
6.	Type Certificate Date	see VI., Table 1, column 'Certification Date'
7.	Type Certificate n° by	FAA: A15CE LBA: 8018 DGAC FR: IM155 (for RX-9)
8.	Type Certificate Data Sheet n°	FAA: A15CE LBA: 8018 DGAC FR: IM155 (for RX-9)
9.	EASA Type Certification Date	28 September 2003, in accordance with CR (EU) 1702/2003, Article 2, 3., (a), (i), 2nd bullet, 1st indented bullet.

II. Certification Basis

1.	Reference Date for determining the applicable requirements	see VI., Table 1, column 'Certification Date'
2.	Airworthiness Requirements	see VI., Table 1, column 'Certification Basis'
3.	Special Conditions	none
4.	Exemptions	none
5.	Deviations	none
6.	Equivalent Safety Findings	none

III. Technical Characteristics and Operational Limitations

1.	Type Design Definition	see VI., Table 1, column 'Drawing n°'
2.	Description	Free hot-air balloon with a natural shaped envelope; single or multiple burners; fuel cylinders; wicker basket; bolted load frame structure assembly secured by quick release pins.
3.	Equipment	- Standby source of ignition for the pilot light or burner - Envelope temperature indicator - Rate of climb/descent indicator (variometer) - Fire extinguisher - Pressure gauge for each burner - Fuel quantity gauge for each fuel cylinder - Launch restraint with quick-release
4.	Envelope	see VI., Table 1
5.	Burner	see VI., Table 2
6.	Basket	see VI., Table 3
7.	Fuel Cylinder	see VI., Table 6
8.	Kinds of Operation	VFR day, free flight (non-tethered)

9. Life-limited Parts

Refer to the Airworthiness Limitation Section 3.0 (ALS) of the Aerostar Continued Airworthiness Instructions (ACAI).

IV. Operating and Service Instructions

1. Operating Instructions

For:	Applicable AFM:
RX-6	FAA Approved Balloon Flight Manual, dated 4 September 1974, (RX-6), reissued 15 April 1983, or later approved revision.
RX-7	FAA Approved Balloon Flight Manual, dated 21 November 1978 (RX-7), reissued 15 April 1983, or later approved revision.
RX-8	FAA Approved Balloon Flight Manual, dated 1 May 1989 (RX-8), or later approved revision.
RXS-8	FAA Approved Balloon Flight Manual, dated 14 May 1993 (RXS-8), or later approved revision.
RX-9	FAA Approved Balloon Flight Manual, dated 10 September 1993 (RX-9), or later approved revision.

2. Service Instructions

Aerostar Continued Airworthiness Instructions for Aerostar (Raven) Hot Air Balloons,
ACAI, Part I and Part II, issued 23 December 1981.
Appendix I-A, and Appendix A-II (FAA-approved)

Latest revision to be applied.

V. Notes

1. Manufacturer's eligible serial numbers: see VI., Table 1, column ‘Eligible s/n’
2. The MTOM of a certain balloon model depends on the configuration of the balloon. This means that the actual basket (gondola) and burner model used determine which MTOM applies.
   For details refer to the Operating Instructions (AFM) applicable to the individual configuration.
3. The OEM aluminum or stainless steel support tubes located on the upper portion of the basket (gondola) structure are used to transfer the basket load to the envelope and also as a means of mounting the burner assembly.

VI. Tables with Type Definition and Certification Data

Table 1: RX Series Envelopes

Model	Volume [m³]	MTOM [1] [kg (lb)]	Certification Basis	Certification Date		Drawing n°	Eligible s/n
				FAA	EU NAA		
RX-6	1 600	649 (1 430) 522 (1 150)	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	10 Sep 1974	2 Jan 1985*	12600	RX6-101 and up
RX-7	2 194	671 (1 480) 544 (1 200)		21 Nov 1978		17312	RX7-101 and up
RX-8	2 548	748 (1 650) 671 (1 480) 544 (1 200)		8 May 1989	25 Jan 1996*	52088	RX8-3001 and up
RXS-8	2 984	907 (2 000) 816 (1 800) 671 (1 480)		14 May 1993		52788	RXS8-3001 and up
RX-9	3 582	1 009 (2 225) 907 (2 000)		10 Sep 1993	21 Oct 1996**	52799	RX9-3001 and up

Legend: first validation by:*LBA, **DGAC FR

[1] Nota bene: For permissible MTOM see Note V.2.

Table 2: Burners for RX Series

Model	Certification Basis	P/N	Burner/Loadframe
Aurora Single	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	52370-02	see Note V.3.
Ralley Dual-Inlet		51464	
HP Dual, Hi-C		14160	
HP III Single		52370-01	
HP III Dual		52350	

Table 3: Baskets (Gondolae) for RX Series

Model	Dimensions L x W x H [cm]	Certification Basis	Drawing n°	Burner/Loadframe
CW-V Gondola	142 x 106 x 119	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	15325-2	see Note V.3.
RW Gondola	*reserved*		14530	
RWS Gondola	116 x 99 x 111		52131	
ELS Gondola	102 x 80 x102		52440	
ELSS Gondola	121 x 80 x102		53095	
CW-S Gondola	168 x 119 x 119		51620	
CW Gondola	145 x 119 x 119		13860	
CW-AFX Gondola	145 x 119 x 119		53160	
RWSW Gondola	122 x 107 x 117		53030	
RWSW-AFX Gondola	122 x 107 x 117		53130	
RB5	173 x 119 x 119		52805	
RB6	178 x 127 x 119		52428	

Table 4: Approved combinations of envelopes and baskets for RX Series

Envelope Model	Baskets												Remarks
	CW-V	RW	RWS	ELS	ELSS	CW-S	CW	CW-AFX	RWSW	RWSW-AFX	RB5	RB6	
RX-6	---	o	o	o [2)]	---	---	---	---	o	---	---	---	
RX-7	---	o	o	o [2)]	o	---	o	o	o	o	---	---	
RX-8	o	---	o	o	o	o	o	o	o	o	---	---	
RXS-8	o	---	o	---	---	o	o	---	o	---	---	---	
RX-9	---	---	---	---	---	o	---	---	---	---	o	o	

Legend: o eligible, --- not eligible

[2)] MTOM with ELS limited to 544 kg.

Table 5: Approved combinations of envelopes and burners for RX Series

Envelope Model	Burners					
	Aurora Single	Ralley Dual-Inlet	HP Dual, Hi-C	HP III Single	HP III Dual	Remarks
RX-6	---	o	o	o	o	
RX-7	o	o	o	o	o	
RX-8	---	---	o	o	o	
RXS-8	---	---	o	o	o	
RX-9	---	---	---	---	o	

Legend: o eligible, --- not eligible

Table 6: Burner Fuel Cylinders for RX Series

Model	Content, usable		Certification Basis	P/N	Remarks
	Volume 85% [litres (US gal)]	Mass 80% [kg]			
Aerostar V-15	57 (15)	*reserved*	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	51977	Stainless steel
Aerostar V-18	68 (18)	*reserved*		53037	Stainless steel
Aerostar V-23	87 (23)	*reserved*		52427	Stainless steel
Schroeder fire balloons VA 50	n/a	21 kg (80%)	LFHB, Issue 23 February 1982	*reserved*	Stainless steel
Schroeder fire balloons VA 70	n/a	30 kg (80%)	LFHB, Issue 23 February 1982	*reserved*	Stainless steel

SECTION 2: S Series

I. General

1.	Type, Model	Type: Aerostar (Raven) S Series Model: S-49A, S-52A, S-53A, S-55A, S-57A, S-60A, S-66A, S-71A, S-77A
2.	Airworthiness Category	Normal, Hot-Air Balloon
3.	Manufacturer	See 'Section: Administrative', III.
4.	Type Certification Application Date	to FAA: 12 December 1967 (initial, A15CE)) to LBA: 18 November 1974 (initial, model S-55A)
5.	State of Design Authority	FAA
6.	Type Certificate Date	see VI., Table 1, column 'Certification Date'
7.	Type Certificate n° by	FAA: A15CE LBA: 8009
8.	Type Certificate Data Sheet n°	FAA: A15CE LBA: 8009
9.	EASA Type Certification Date	28 September 2003, in accordance with CR (EU) 1702/2003, Article 2, 3., (a), (i), 2nd bullet, 1st indented bullet.

II. Certification Basis

1.	Reference Date for determining the applicable requirements	see VI., Table 1, column 'Certification Date'
2.	Airworthiness Requirements	see VI., Table 1, column 'Certification Basis'
3.	Special Conditions	none
4.	Exemptions	none
5.	Deviations	none
6.	Equivalent Safety Findings	none

III. Technical Characteristics and Operational Limitations

1.	Type Design Definition	see VI., Table 1, column 'Drawing n°'
2.	Description	Free hot-air balloon with a natural shaped envelope; single or multiple burners; fuel cylinders; wicker basket; bolted load frame structure assembly secured by quick release pins.
3.	Equipment	- Standby source of ignition for the pilot light or burner - Envelope temperature indicator - Rate of climb/descent indicator (variometer) - Fire extinguisher - Pressure gauge for each burner - Fuel quantity gauge for each fuel cylinder - Launch restraint with quick-release
4.	Envelope	see VI., Table 1
5.	Burner	see VI., Table 2
6.	Basket	see VI., Table 3
7.	Fuel Cylinder	see VI., Table 6
8.	Kinds of Operation	VFR day, free flight (non-tethered)

9. Life-limited Parts

Refer to the Airworthiness Limitation Section 3.0 (ALS) of the Aerostar Continued Airworthiness Instructions (ACAI).

IV. Operating and Service Instructions

1. Operating Instructions

For:	Applicable AFM:
S-49A	FAA Approved Balloon Flight Manual, dated 5 September 1990 (S-49A), or later approved revision.
S-52A	FAA Approved Balloon Flight Manual, dated 26 April 1988 (S-52A), or later approved revision.
S-53A	FAA Approved Balloon Flight Manual, dated 24 January 1992 (S-57S), or later approved revision.
S-55A	FAA Approved Balloon Flight Manual, dated 2 April 1973 (S-55A), reissued 15 April 1983, or later approved revision.
S-57A	FAA Approved Balloon Flight Manual, dated 19 June 1987 (S-57A), or later approved revision.
S-60A	FAA Approved Balloon Flight Manual, dated 30 April 1971 (S-60A), reissued 15 April 1983, or later approved revision.
S-66A	FAA Approved Balloon Flight Manual, dated 19 September 1979 (S-66A), reissued 15 April 1983, or later approved revision.
S-71A	FAA Approved Balloon Flight Manual, dated 23 August 1990 (S-71A), or later approved revision.
S-77A	FAA Approved Balloon Flight Manual, dated 15 April 1983 (S-77A), or later approved revision.

2. Service Instructions

Aerostar Continued Airworthiness Instructions for Aerostar (Raven) Hot Air Balloons,
ACAI, Part I and Part II, issued 23 December 1981.
Appendix I-A, and Appendix A-II (FAA-approved)

Apply the latest revision.

V. Notes

1. Manufacturer's eligible serial numbers: see VI., Table 1, column ‘Eligible s/n’
2. The MTOM of a certain balloon model depends on the configuration of the balloon. This means that the actual basket (gondola) and burner model used determine which MTOM applies.
For details refer to the Operating Instructions (AFM) applicable to the individual configuration.

VI. Tables with Type Definition and Certification Data

Table 1: S Series Envelopes

Model	Volume [m³]	MTOM [3)] [kg (lb)]	Certification Basis	Certification Date		Drawing n°	Eligible s/n
				FAA	EU NAA		
S-49A	890	499 (1 100)	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	6 Sep 1990	8 May 1991*	52049	S49A-3001 and up
S-52A	1 840	635 (1 400) 522 (1 150)		26 Apr 1988	21 Oct 1996**	52052	S52A-3001 and up
S-53A	1 953	578 (1 275) 499 (1 100)		25 Mar 1994	5 Oct 2000***	52801	S53A-3001 and up
S-55A	2 190	651 (1 435) 544 (1 200)		10 Apr 1973	2 Apr 1979*	11813	S55A-101 through S55A-103, S55A-105 through S55A-114, S55A-116 and up
S-57A	2 600	748 (1 650) 660 (1 455) 544 (1 200)		19 Jun 1987	17 Jul 1989*	52057	S57A-3001 and up
S-60A	3 000	816 (1 800) 667 (1 470)		30 Apr 1971	15 Jul 1981*	10428	S60A-105 and up
S-66A	4 000	1 134 (2 500) 1 043 (2 300) 907 (2 000) 721 (1 590)		19 Sep 1979	9 Nov 1992*	17653	S66A-102 and up
S-71A	4 950	1 202 (2 650) 1 075(2 370) 907 (2 000)		24 Aug 1990	21 Oct 1996**	52071	S71A-3001 and up
S-77A	6 000	1 565 (3 450) 1 270 (2 800)		11 May 1983	26 Mar 1990***	51502	S77A-101 and up

Legend: first validation by:*LBA, **DGAC FR

[3)] Nota bene: For permissible MTOM see Note V.2.

Table 2: Burners for S Series

Model	Certification Basis	P/N	Burner/Loadframe
Aurora Single	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	52370-02	The OEM aluminum or stainless steel support tubes located on the upper portion of the structure are used to transfer the basket load to the envelope and also as a means of mounting the burner assembly.
Single, Hi-C		14170	
Dual, Hi-C		14160	
HP II Single		17398	
HP II Dual		17395	
HP III Single		52370-01	
HP III Dual		52350	
HP Dual, Lo-C		13050	
HP Dual, Hi-C		14160	
HP III Triple		52950	

Table 3: Baskets (Gondolae) for S Series

Model	Dimensions L x W x H [cm]	Certification Basis	Drawing or P/N	Burner/Loadframe
CW-V Gondola	142 x 106 x 119	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	15325-2	The OEM aluminum or stainless steel support tubes located on the upper portion of the structure are used to transfer the basket load to the envelope and also as a means of mounting the burner assembly.
RWS Gondola	116 x 99 x 111		52131	
ELS Gondola	102 x 80 x 102		52440	
ELSS Gondola	121 x 80 x 102		53095	
CW-S Gondola	168 x 119 x 119		51620	
CW Gondola	145 x 119 x 119		13860	
RWSW Gondola	122 x 107 x 117		53030	
RB5	173 x 119 x 119		52805	
RB6	178 x 127 x 119		52428	
RB8	231 x 127 x 119		52430	
RB12	248 x 145 x 119		52430-02	
TW	182 x 122 x 135		51076	

Table 4: Approved combinations of envelopes and baskets for S Series

Envelope Model	Baskets													
	CW-V	RWS	ELS	ELSS	CW-S	CW	CW-AFX	RWSW	RWSW-AFX	RB5	RB6	RB8	RB12	TW
S-49A	---	o	o	---	---	---	---	---	---	---	---	---	---	---
S-52A	---	---	o	o	---	o	o	o	o	---	---	---	---	---
S-53A	---	o	o	o	---	o	o	o	o	---	---	---	---	---
S-55A	o	o	o	o	---	o	o	o	o	---	---	---	---	---
S-57A	o	o	o	o	o	o	o	o	o	---	---	---	---	---
S-60A	o	o	---	---	o	o	o	o	o	---	---	---	---	---
S-66A	o	---	---	---	o	o	---	o	---	o	o		---	---
S-71A	---	---	---	---	o	---	---	---	---	o	o	o	o	o
S-77A	---	---	---	---	---	---	---	---	---	---	o	o	o	o

Legend: o eligible, --- not eligible

Table 5: Approved combinations of envelopes and burners for S Series

Envelope Model	Burners										
	Aurora Single	Single, Hi-C	Dual, Hi-C	HP II Single	HP II Dual	HP III Single	HP III Dual	HP Dual, Lo-C	HP Dual, Hi-C	HP III Triple	Remarks
S-49A	o	---	---	---	---	o	---	---	---	---	
S-52A	o	o	---	o	o	o	o	o	o	---	
S-53A	o	o	o	o	o	o	o	---	---	---	
S-55A	o	o	o	o	o	o	o	o	---	---	
S-57A	o	o	---	o	o	o	o	o	o	---	
S-60A	o	o	o	o	o	o	o	o	---	---	
S-66A	---	---	o	---	o	---	o	---	---	o	
S-71A	---	---	o	---	o	---	o	---	---	o	
S-77A	---	---	o	---	o	---	o	---	---	o	

Legend: o eligible, --- not eligible

Table 6: Burner Fuel Cylinders for S Series

Model	Content, usable		Certification Basis	P/N	Remarks
	Volume 85% [litres (US gal)]	Mass 80% [kg]			
Aerostar V-15	57 (15)		14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2	51977	Stainless steel
Aerostar V-18	68 (18)			53037	Stainless steel
Aerostar V-23	87 (23)			52427	Stainless steel
Schroeder fire balloons VA 50	n/a	21 kg (80%)	LFHB, Issue 23 February 1982	*reserved*	Stainless steel

SECTION 3: Special Shape Series

I. General

1.	Type, Model	Type: Aerostar (Raven) Special Shape Series Model: CELL, W100LB
2.	Airworthiness Category	Normal, Hot-Air Balloon (Special Shape)
3.	Manufacturer	See 'Section: Administrative', III.
4.	Type Certification Application Date	to FAA: 12 December 1967 (initial, A15CE)
5.	State of Design Authority	FAA
6.	Type Certificate Date	see VI., Table 1, column 'Certification Date'
7.	Type Certificate n° by	FAA: A15CE BAZL/FOCA: Acceptance of Export CofA E334283
8.	Type Certificate Data Sheet n°	FAA: A15CE BAZL/FOCA: none
9.	EASA Type Certification Date	28 September 2003, in accordance with CR (EU) 1702/2003, Article 2, 3., (a), (i), 2nd bullet, 1st indented bullet.

II. Certification Basis

1.	Reference Date for determining the applicable requirements	see VI., Table 1, column 'Certification Date'
2.	Airworthiness Requirements	see VI., Table 1, column 'Certification Basis'
3.	Special Conditions	none
4.	Exemptions	none
5.	Deviations	none
6.	Equivalent Safety Findings	none

III. Technical Characteristics and Operational Limitations

1.	Type Design Definition	see VI., Table 1, column 'Drawing n°'
2.	Description	Free hot-air balloon with a specially shaped envelope; single or multiple burners; fuel cylinders; wicker basket; bolted load frame structure assembly secured by quick release pins.
3.	Equipment	- Standby source of ignition for the pilot light or burner - Envelope temperature indicator - Rate of climb/descent indicator (variometer) - Fire extinguisher - Pressure gauge for each burner - Fuel quantity gauge for each fuel cylinder - Launch restraint with quick-release
4.	Envelope	see VI., Table 1
5.	Burner	see VI., Table 2
6.	Basket	see VI., Table 3
7.	Fuel Cylinder	see VI., Table 6
8.	Kinds of Operation	VFR day, free flight (non-tethered
9.	Life-limited Parts	Refer to the Airworthiness Limitation Section 3.0 (ALS) of the Aerostar Continued Airworthiness Instructions (ACAI.

IV. Operating and Service Instructions

1. Operating Instructions

For:	Applicable AFM:
CELL	FAA Approved Balloon Flight Manual, dated 17 July 2000 (CELL), or later approved revision.
W100LB	FAA Approved Balloon Flight Manual, dated 31 March 1980 (W100LB), or later approved revision.

2. Service Instructions

Aerostar Continued Airworthiness Instructions for Aerostar (Raven) Hot Air Balloons,
ACAI, Part I and Part II, issued 23 December 1981.
Appendix I-A, and Appendix A-II (FAA-approved)

Latest revision to be applied.

V. Notes

1. Manufacturer's eligible serial numbers: see VI., Table 1, column 'Eligible s/n'

VI. Tables with Type Definition and Certification Data

Table 1: Special Shape Series Envelopes

Model	Volume [m³]	MTOM [kg (lb)]	Certification Basis	Certification Date		Drawing n°	Eligible s/n
				FAA	EU NAA		
CELL	not recorded	680 (1 500)	14 CFR FAR Part 31, dated 1 July 1964, with Amdt. 31-1 and Amdt. 31-2 In addition, FAR 31.17 and 31.19 of Amdt. 31-4.	18 Jul 2000	6 Sep 2000***	53205	CELL-3001 and up
W100LB		544 1 200)		16 Apr 1980	1990***	51072	W100LB-3001 and up

Legend: first validation by:***BAZL/FOCA

Table 2: Burners for Special Shape Series

Model	Certification Basis	P/N	Eligible Burner/Loadframe
HP III Dual	14 CFR FAR Part 31, with Amdt. 31-1, 31-2, plus 31.17 and 31.19 of Amdt. 31-4.	52350	The OEM aluminum or stainless steel support tubes located on the upper portion of the structure are used to transfer the basket load to the envelope and also as a means of mounting the burner assembly.

Table 3: Baskets (Gondolae) for Special Shape Series

Model	Dimensions L x W x H [cm]	Certification Basis	Drawing n°	Burner/Loadframe
RWSW Gondola	122 x 107 x 117	14 CFR FAR Part 31, with Amdt. 31-1, 31-2, plus 31.17 and 31.19 of Amdt. 31-4.	53030	The OEM aluminum or stainless steel support tubes located on the upper portion of the structure are used to transfer the basket load to the envelope and also as a means of mounting the burner assembly.

Table 4: Approved combinations of envelopes and baskets for Special Shape Series

Envelope Model	Baskets				
	RWSW	CW	CW-V	CW-AFX	
CELL	o	---	---	---	
W100LB	---	o	o	o	

Legend: o eligible, --- not eligible

Table 5: Approved combinations of envelopes and burners for Special Shape Series

Envelope Model	Burners		
	HP III Dual	HP Dual, Hi-C	
CELL	o	---	
W100LB	---	o	

Legend: o eligible, --- not eligible

Table 6: Burner Fuel Cylinders for Special Shape Series

Model	Content, usable		Certification Basis	P/N	Remarks
	Volume 85% [litres (US gal)]	Mass 80% [kg]			
Aerostar V-15	57 (15)	---	14 CFR FAR Part 31, with Amdt. 31-1, 31-2, plus 31.17 and 31.19 of Amdt. 31-4.	51977	Stainless steel
Aerostar V-18	68 (18)	---		53037	Stainless steel

SECTION: NOTES PERTINENT TO ALL MODELS

1. ICAO Annex 16 does not require noise data for Balloons.
2. The initial EASA TCDS is based on the FAA TCDS A15CE, Revision 45, and LBA Gerätekennblatt 8009 and 8018, and DGAC FR IM155, and BAZL/FOCA acceptance of CELL-3001 and W100LB-3001. The aforementioned documents recorded the first validations of Aerostar (Raven) Series, by what later became an EASA Member State, and were therefore used as primary reference.
3. Supporting note: The envelope, basket (gondola) and burner (heater) models listed in the tables of the TCDS sections are referenced in different documents in a varying manner. Usually envelopes and baskets are listed by 'Drawing' numbers (e.g. Drawing 12345) whereas burners are listed by 'Part Numbers' (e.g. P/N 12345), or vice versa.
   In some former LBA-documents such numbers have the prefix 'D-' (e.g. D-12345). It is understood that 'D-' stands for 'Drawing'.

SECTION: ADMINISTRATIVE

I. Acronyms and Abbreviations

ALS	Airworthiness Limitations Section	Max.	Maximum
BAZL/FOCA	Bundesamt für Zivilluftfahrt / Federal Office of Civil Aviation	NAA	National Aviation Authority
DGAC FR	Direction Générale de l'Aviation Civile France	P/N	Part Number
EU	European Union	s/n	Serial Number
FAA	Federal Aviation Administration	VFR	Visual Flight Rules
LBA	Luftfahrt-Bundesamt German Federal Aviation Office		

II. Type Certificate Holder Record

Type Certificate Holder	**Period**
Balloonacy, LLC 125 Redwood Circle Fayetteville, GA 30214, U.S.A.	From 6 December 2021
Aerostar International, Inc. 1813 "E" Avenue, P.O. Box 5057 Sioux Falls, SD 57117-5057, U.S.A.	From 1 February 1986 until 5 December 2021
Raven Industries, Inc. Box 1007 Sioux Falls, SD 57117, U.S.A.	From 10 December 1968 until 3 January 1986

III. Production Approval Holder Record

Production Approval Holder	**Period**
FAA Production Certificate No.: 3GL	From 10 December 1968

IV. Change Record

Issue	Date	Changes	TC issue
n/a	n/a	Initial issue of TC EASA.IM.BA.518	13 January 2023
Issue 1	10 Sep 2024	Initial issue of TCDS in EASA format.	10 September 2024

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