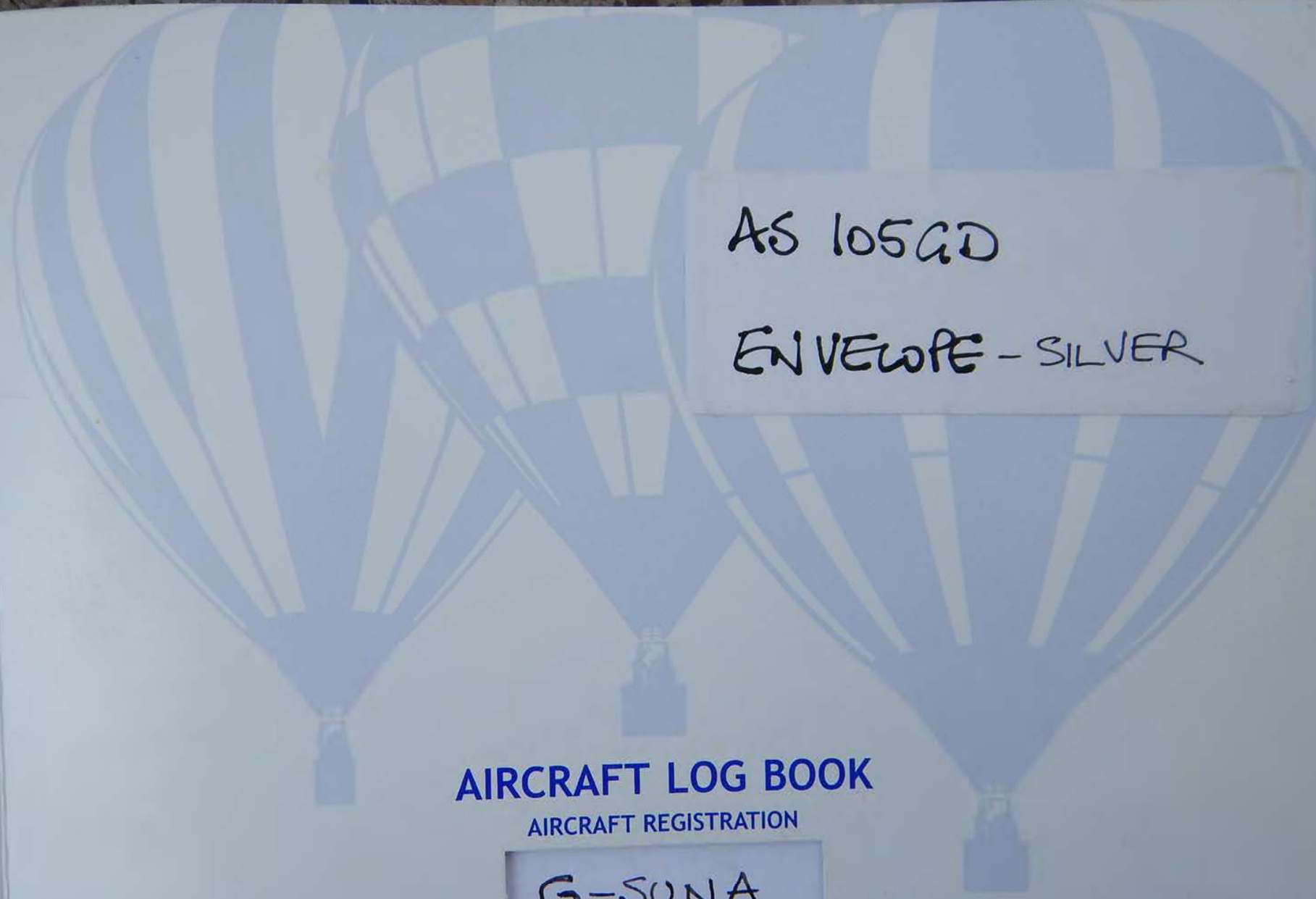




AS 105AD

ENVELOPE - SILVER

AIRCRAFT LOG BOOK

AIRCRAFT REGISTRATION

G-SUNA

SILVER

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	Thermal Airship Weight Sheet Weighed 06.2004		SILVER ENVELOPE	G-SUNA
	Description	Type/Drawing no	Serial Number	Wt (empty) KG
ENVELOPE	AS105GD	Built 2004	0030	215
GONDOLA	AS105GD/4	Built 2004	0010	

CONSTRUCTOR'S NUMBER

0030

TYPE/VARIANT

GEFA FLUG AS105GD/4

YEAR OF MANUFACTURE

2004

AIRCRAFT REGISTRATION

G-SUNA

LOG BOOK NUMBER

2

DEFLATION SYSTEM

VELCRO

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	Thermal Airship Weight Sheet		SILVER ENVELOPE	G-SUNA
	Weighed 06.2004			
	Description	Type/Drawing no	Serial Number	Wt (empty) KG
ENVELOPE	AS105GD	Built 2004	0030	215
GONDOLA	AS105GD/4	Built 2004	0010	280
ENGINE	ROTAX582U L	Fitted 2004 2016	6-025-0871 9618344	
BURNER	Airship Mk4 Shadow	Built 2004	A5025/A5027	
PROPELLER	Helix 1.6mR	Fitted 2004	Hub 050 Blades 566/600 601/603	
RADIO	Dittel	FSG2T	354-05383	
TRANSPONDER		KT76A	133499	
CYLINDERS	CB2380S	PPT due 9/2024	9278-0015	14
	CB2380S	PPT due 9/2024	9278-0016	14
	CB2380S	PPT due 9/2024	9278-0017	14
	CB2380S	PPT due 9/2024	9278-0018	14
	CB2308S	PPT due 9/2024	9278-0020	14
	CB2380S	PPT due 9/2024	9278-0021	14
SIG/AUTH	INSP 321		TOTAL	
DATE	19/06/2015		MTOM	900
British Balloon & Airship Club. Approvals: UK.MF.0064, UK.MG.0464; DAI/8298/74				
Template document BBAC- TC-071 issue 1.0A				

INSTRUCTIONS FOR USE

1 GENERAL

- 1.1 This log book shall be kept and entries shall be made in accordance with the current Air Navigation Order (ANO) or commission Regulation No. 2042/2003 annex 1.
- 1.2 The ANO and the commission Regulation prescribe that the owner/operator of an aircraft shall keep or cause to be kept a log book in respect of the aircraft and include the following provisions:
 - (a) Each entry in the log book shall be made as soon as is practicable after the occurrence to which it relates, but in no event more than thirty days for aircraft that are subject to EASA requirements and no later than seven days for aircraft that are not subject to EASA requirements.
 - (b) Entries in a log book may refer to other documents which shall be clearly identified, and any other document so referred to shall be deemed to be part of this log book (e.g. burner or cylinder record cards).
 - (c) Subject to any provisions in the ANO and the commission Regulation regarding the preservation of documents the log book shall be preserved by the operator of the aircraft until a date two years after the aircraft has been destroyed or permanently withdrawn from use.
- 1.3 The ANO and the commission Regulation provide that the operator of an aircraft registered in the United Kingdom shall within a reasonable time after being requested to do so by an authorised person cause a log book to be produced to that person. All entries in the log book made in writing shall be made in ink or indelible pencil.
- 1.4 The details entered on the front cover and on Page 1 shall be those appropriate to the particular aircraft. Official designations shall be used for the aircraft.
- 1.5 This log book may include flight equipment record cards (e.g. basket, burner or cylinders).

2 PART A

In Part A there shall be entered the description of any checks (e.g. Annual or 100 Hour) made in accordance with the Approved Maintenance Schedule relating to the aircraft and the date on which each function was performed together with the total airframe hours since manufacture.

3 PART B

- 3.1 In Part B of the log book the pilot in command shall enter the date, time, place of take-off and landing, and whether the flight was tethered or not.
- 3.2 In Column 8 the pilot in command shall enter the following equipment:

- (a) Particulars of the aircraft's equipment.
- (b) Particulars of the aircraft's equipment.
- (c) Particulars of the aircraft's equipment.

NOTE: See also the instructions for the use of the log book.

- (d) Certificate of the aircraft's equipment.

- 3.3 In Column 9, the pilot in command shall enter the date, time, place of take-off and landing, and whether the flight was tethered or not.

- 3.4 In Column 10, the pilot in command shall enter the date, time, place of take-off and landing, and whether the flight was tethered or not.

Box A: EASA Part 21

except as

aircraft is

Box B: Pilot Own

except as

aircraft is

3 PART B

3.1 In Part B of this log book, there shall be entered in Column 1 the date of each flight, in Column 2 the name of the pilot in command, in Column 3 the sequential number of the flight, in Column 4 the duration of the period between take-off and landing. A cumulative total shall be entered in Column 5. Column 6 shall be ticked to indicate if the flight was tethered.

3.2 In Column 8 there shall be entered particulars of the following events relating to the aircraft, including its equipment:

- (a) Particulars of all maintenance work done on the aircraft or its equipment.
- (b) Particulars of any defects occurring in the aircraft or in any equipment required to be carried, and of the action taken to rectify such defects including a reference to the relevant entries in the technical log.
- (c) Particulars of any Airworthiness Directive, modification, repair, scheduled maintenance and replacement relating to the aircraft or any such equipment.

NOTE: See also part C, where further details of modifications have to be entered.

- (d) Certificate that in carrying out the Airworthiness Directive, modification, repair, scheduled maintenance and replacement, all mandatory requirements applicable thereto have been complied with.

3.3 In Column 9, the person making the entry in Column 8 shall enter his signature, authority and date. This signature constitutes a signature to the Certificate of Release to Service where the entry covers work which necessitates such a certificate.

3.4 In Column 10, the appropriate box shall be ticked depending on the applicable requirement under which the work has been performed, to denote which Certificate of Release to Service shall apply. The letters signify the following.

Box A: EASA Part M Subpart F Organisation or Licensed Aircraft Engineer (LAE): "Certifies that the work specified, except as otherwise specified, was carried out in accordance with Part M and in respect to that work the aircraft is considered ready for release to service".

Box B: Pilot Owner Maintenance for EASA aircraft; "Certifies that the limited pilot owner maintenance specified, except as otherwise specified, was carried out in accordance with Part M and in respect to that work the aircraft is considered ready for release to service".

Box C: Part 145 Approved Maintenance Organisation; "Certifies that the work specified, except as otherwise specified, was carried out in accordance with Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service".

Box D: Air Navigation Order; "Certifies that the work has been carried out in accordance with the Air Navigation Order and in that respect the aircraft is considered fit for release to service".

In every instance where a Certificate of Release to Service is required, the appropriate box in Column 10 must be ticked.

4 PART C

- 4.1 In addition to any entry in Part B, in Part C there shall be entered in Columns 1, 2 and 3 the reference details, e.g. Bulletin Number and brief description of subject, of any modifications and technical instructions, including those prescribed for the purpose of ensuring that the aircraft remains airworthy.
- 4.2 In Column 4 headed 'Method of Compliance' the degree of compliance, e.g. 'part (a) only' or 'paragraph 2 inspection only' or 'full compliance' shall be stated, together with the method, e.g. visual, NDT, replacement.
- 4.3 In Column 5 headed 'One-time check' a tick shall be added when total compliance has been achieved and no further action is necessary.
- 4.4 In Column 6 headed 'Recurring' a tick shall be added when only partial compliance has been achieved, and further action is necessary to achieve full compliance or when repetitive action is specified. For such entries Column 7 headed 'Next Compliance Due' shall show the date and/or hours at which further action or compliance is next due.
- 4.5 In Column 8 the person making the above entries shall enter his signature, authority, date and company name.

NOTE: Provision is made on the first page of Part C for a record to be made of all mandatory requirements which apply to the type of aircraft concerned, but not to the specific aircraft for which this log book is kept.

Check

Date

Part B

DATE	PILOT	FLIGHT TIME				TETHERED	REMARKS
		No. 3	This Flight 4 Hrs. Min.	Total Since Manufacture 5 Hrs. Min.			
19.6.15	B/F FROM HB-QUE			187 25		FROM LOG BOOK 2	
FROM HERE ON ALL DATES ARE IN US FORMAT, MONTH, DAY YEAR EXCEPT WHEN MONTH IS IN LETTERS							
07.02.15	S. ELOY		1 54	189 19			
07.03.15	S. ELOY		2 12	191 30			
07.14.15	S. ELOY		0 42	192 12			
07.21.15	S. ELOY		1 24	193 36			
07.22.15	S. ELOY		1 24	195 00			
07.23.15	S. ELOY		1 30	196 30			
08.11.15	S. ELOY		1 00	197 30			
08.29.15	T. THOMPSON		1 30	199 00			
10.24.15	T. THOMPSON		2 00	201 00			
10.29.15	T. T		1 00	202 00			
11.20.15	T. T		2 00	204 00			
11.20.15	T. T		1 00	205 00			
Total cf.				205 00			

INSPECTION REPORT and CERTIFICATE OF RELEASE TO SERVICE

Form IR7

Manufacturer: GEFA-FLUG Type: GEFA-FLUG AS 105 GD Serial No: 0010Registration: G-SUNA Total Hrs: 187.25 Maint Prog: BBAC-TC-013

Details of Work Carried Out (including dates):

Cold inflation Annual/100 Hour inspection of complete aircraft.

Envelope s/n 0030 temps from front to rear. 110C, 93C, 88C, 110C.

Gondola s/n 0010 with burners s/n A5025/A5027.

Fuel cylinders CB2380S s/n 9278-0015, 9278-0016, 9278-0017, 9278-0018,
9278-0020, 9278-0021

Serial numbers as listed in the logbook

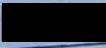
Applicable AD's complied and SB's Checked

Form 15b issued

Grab Test **Full Pass**

Temperature 110C, 93C, 88C, 110C

I certify that the work specified above, except as otherwise specified, was carried out in accordance with Part-M and in respect to that work the aircraft is considered ready for release to service.

Signed: BBAC Insp No: CRS Issue Date: 10/06/2015

For and on behalf of the BBAC, under approval reference UK.MF. 0064

DD/mm/YYYY

10/06/2016

June 16, 2016

or Hrs: 287.25

Next Inspection due: _____

Date: _____

G-SUNA

Part B

ENVELOPE LOG BOOK

The work recorded below has been carried out in accordance with the applicable requirement annotated below and that respect the aircraft/equipment is considered fit for release to service.

Particulars of maintenance and other work carried out on the aircraft

9

Signature

Authority

Date

A

B

C

D

INSPECTION OF COMPLETE A/C

ENVELOPE - ALL SYSTEMS SATISFACTORY

11

UK.MF.0064

19.6.15

✓

Part B

Part D

DATE 1	PILOT 2	FLIGHT TIME				TETHERED 6	REMARKS 7
		No. 3	This Flight 4 Hrs. Min.	Total Since Manufacture 5 Hrs. Min.			
BROUGHT FORWARD				205 00			
11.21.15	T.T		2 00	207 00			
11.26.15	T.T.		2 40	209 40			
11.27.15	S.E		1 50	211 30			
11.28.15	S.E		2 00	213 30			
11.28.15	S.E		1 50	215 20			
12.04.15	T.T.		2 40	218 00			
12.19.15	T.T		1 30	219 30			
12.20.15	T.T.		2 15	221 45			
01.05.16	S.E		0 50	222 35			
01.06.16	S.E		2 50	229 25			
01.07.16	S.E		2 00	231 35			
01.08.16	S.E		1 10	232 45			
01.09.16	S.E		1 50	234 35			
Total cf.				234 35			

10 The work recorded below has been carried out in accordance with the applicable requirement annotated below and in that respect the aircraft/equipment is considered fit for release to service.

Part B

8 Particulars of maintenance and other work carried out on the aircraft

9

Signature

Authority

Date

A

B

C

D

- 1) Approximately 6ft (towards nose) of gondola opening, port side, 6"x5" patch
- 2) Approximately 10ft (towards nose) of gondola opening, starboard side, two 4"x4" patches
- 3) Replaced lower section of center curtain (half-moon shape) and a 12" section replaced along the edge of the center curtain.
- 4) Starboard side of gondola opening, 3ft by 2ft partial panel replaced and another 12" section adjacent to that partial panel.
- 5) Replaced section at rear of gondola opening.
- 6) Replaced all leather at suspension cable attachment points
- 7) Replaced one broken clip on starboard rear of gondola opening (metal clip that attaches to gondola).

All the repairs listed above inspected and satisfactory

28.1.16

✓

Part B

DATE	PILOT	FLIGHT TIME			TETHERED	REMARKS
		No.	This Flight	Total Since		
1	2	3	4 Hrs. Min.	5 Hrs. Min.	6	7
BROUGHT FORWARD				234 35		
01.09.15	SE		2 15	236 50		
01.16.16	C WILLIAMS		0 30	237 20		
28 JAN 2016				237 20		Annual inspection & crs.
2.13.16	Trevar Thompson		2.4	239.6	N/A	Silver Envelope
2.14.16	Trevar Thompson		1.4	241	N/A	Silver Envelope
2.16.16	Trevar Thompson	3	2	243	N/A	Silver Envelope
2.16.16	Trevar Thompson	4	2	245	N/A	Silver Envelope
2.16.16	Trevar Thompson	5	2	247	N/A	Silver Envelope
2.16.16	Trevar Thompson	6	2	249	N/A	Silver Envelope
2.16.16	Trevar Thompson	7	2.1	251.1	N/A	Silver Envelope
2.19.16	Trevar Thompson	8	3	254.1	N/A	Silver Envelope
2.20.16	Trevar Thompson	9	1	255.1	N/A	Silver Envelope
2.20.16	Trevar Thompson	10	2	257.1	N/A	Silver Envelope
Total cf.				257.1		

G-SUNA

Part B SILVER ENVELOPE LOG BOOK S/N 0030

The work recorded below has been carried out in accordance with the applicable requirement annotated below and in that respect the aircraft/equipment is considered fit for release to service.

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on the

INSPECTION REPORT and CERTIFICATE OF RELEASE TO SERVICE

Form IR7

Manufacturer: Gefa-Flug GMBH

Type: AS105 GD

Serial No: 0010

Registration: G-SUNA

Total Hrs: 238.20

Maint Prog: TC-013-1 Gefa-Flug

Details of Work Carried Out (including dates):

Hot Inflation/Annual inspection of complete aircraft

Flown with 2 envelopes s/n 0030 total hours 237.20 and 0012 total hours 294.05.

Temps from front to rear s/n 0030. 120C, 120C, 110C, 110C and s/n 0012. 99C, 99C, 82C, 82C

Gondola AS105GD/4 s/n G0010 undamaged and all systems functioning correctly. Engine

6.025.087 Annual overhaul iaw Gefa MM and Rotax 582UL MM. Helix H50V 37/09

propeller and blades 566, 600, 601, 603. One small chip in rear edge of blade repaired. All

blades satisfactory. Burner CB9502 s/n A5025/A5027

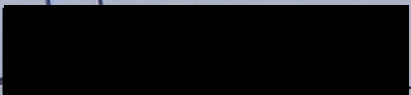
Fuel cylinders all CB2380S, s/n 9278-0015, 9278-0016, 9278-0017, 9278-0018,

9278-0020, 9278-0021. AD's and SB's Checked and complied with

Engine manufacturers service schedule checked. Form 15b issued

All systems satisfactory

I certify that the work specified above, except as otherwise specified, was carried out in accordance with Part-M and in respect to that work the aircraft is considered ready for release to service.

Signed: 

BBAC Insp No: 

CRS Issue Date: 28 January 2016

For and on behalf of the BBAC, under approval reference UK.MF. 0064

Next Inspection due: Date: 28 January 2017

or Hrs: 338.20

G-SUNA

Part B SILVER ENVELOPE LOG BOOK S/N 0030

REMARKS

10 The work recorded below has been carried out in accordance with the applicable requirement annotated below and
in that respect the aircraft/equipment is considered fit for release to service.

particulars of maintenance and other work carried out on the aircraft

Inspection of complete aircraft.

ENVIRONMENT-ALL SYSTEMS Satisfactory

9

Signature

Authority

Date _____

A

B

c

D

INSP 321

УКМФОБ4

28.1.2016

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Part B

Part 3						
DATE	PILOT	FLIGHT TIME			TETHERED	REMARKS
		No.	This Flight	Total Since		
1	2	3	4 Hrs. Min.	5 Hrs. Min.	6	7
BROUGHT FORWARD		10	2	257.1	N/A	Silver Envelope
2.20.16	Trevor Thompson	11	1	258.1	N/A	Silver Envelope
2.25.16	Trevor Thompson	12	3.1	261.2	N/A	Silver Envelope
2.27.16	Trevor Thompson	13	2.3	263.5	N/A	Silver Envelope
2.29.16	Trevor Thompson	14	0.5	264	N/A	Silver Envelope
3.2.16	Trevor Thompson	15	2.2	266.2	N/A	Silver Envelope
3.4.16	Trevor Thompson	16	2.9	269.1	N/A	Silver Envelope
3.4.16	Trevor Thompson	17	1.4	270.5	N/A	Silver Envelope
3.5.16	Trevor Thompson	18	2	272.5	N/A	Silver Envelope
3.5.16	Trevor Thompson	19	1.7	274.2	N/A	Silver Envelope
3.6.16	Trevor Thompson	20	1.1	275.3	N/A	Silver Envelope
3.9.16	Stuart Enloe	1	1	276.3	N/A	Silver Envelope
5.4.16	Trevor Thompson	1	3.1	279.4	N/A	Silver Envelope
5.19.16	Trevor Thompson	4	2	281.4	N/A	Silver Envelope
Total cf.				281.4		

Part B

1 DATE	2 PILOT	FLIGHT TIME			6 TETHERED	7 REMARKS
		3 No.	4 Hrs. Min.	5 Total Since Manufacture Hrs. Min.		
	BROUGHT FORWARD	4	2	281.4	N/A	Silver Envelope
5.20.16	Trevor Thompson	5	4.5	285.9	N/A	Silver Envelope
5.20.16	Trevor Thompson	6	0.8	286.7	N/A	Silver Envelope
5.28.16	Trevor Thompson	1	3.4	290.1	N/A	Silver Envelope
6.17.16	Trevor Thompson	1	1.1	291.2	N/A	Silver Envelope
6.18.16	Trevor Thompson	2	1.5	292.7	N/A	Silver Envelope
8.3.16	Trevor Thompson	1	2.6	295.3	N/A	Silver Envelope
8.5.16	Trevor Thompson	2	3	298.3	N/A	Silver Envelope
8.17.16	Trevor Thompson	9	0.8	299.1	N/A	Silver Envelope
8.18.16	Trevor Thompson	10	2.8	301.9	N/A	Silver Envelope
8.19.16	Trevor Thompson	11	3.5	305.4	N/A	Silver Envelope
8.23.16	Stuart Enloe	13	3	308.4	N/A	Silver Envelope
8.26.16	Trevor Thompson		2	310.4	N/A	Silver Envelope
8.29.16	Trevor Thompson		2	312.4	N/A	Silver Envelope
Total cf.				312.4		

Part B

DATE 1	PILOT 2	FLIGHT TIME			TETHERED 6	REMARKS 7
		No. 3	This Flight 4 Hrs. Min.	Total Since Manufacture 5 Hrs. Min.		
	BROUGHT FORWARD		2	312.4	N/A	Silver Envelope
9.02.16	Trevor Thompson		.75	313.15	N/A	Silver Envelope
9.03.16	Trevor Thompson		2.25	315.4	N/A	Silver Envelope
9.03.16	Trevor Thompson		2	317.4	N/A	Silver Envelope
9.04.16	Trevor Thompson		2.25	319.65	N/A	Silver Envelope
9.05.16	Trevor Thompson		2.25	321.9	N/A	Silver Envelope
22.09.16				321.55		Annual inspection & CRS
4.15.17	Trevor Thompson		2.0	323.55	N/A	Silver Envelope
5.20.17	Javier Merino Escanilla		1.5	325.05	N/A	Silver Envelope
Total cf.						

G-SUNA

Part B

SILVER s/n 0030
ENVELOPE LOG BOOK

INSPECTION REPORT and CERTIFICATE OF RELEASE TO SERVICE

Form IR7

Manufacturer: Gefa-Flug GMBHType: AS105 GDSerial No: 0010Registration: G-SUNATotal Hrs: 322.55Maint Prog: TC-013-1 Gefa-Flug

Details of Work Carried Out (including dates):

Cold Inflation/Annual inspection of complete aircraft

Flown with 2 envelopes s/n 0030 total hours 321.55 and 0012 total hours 294.05.

Temps from front to rear s/n 0030. 120C, 120C, 110C, 110C and s/n 0012. 99C, 99C, 82C, 82C

Gondola AS105GD/4 s/n G0010 undamaged and all systems functioning correctly. Engine

replaced with zero hours 582 s/n 9618344 at this inspection iaw Gefa MM and Rotax

582UL MM. Helix H50V 37/09 propeller and blades 566,600,601,603. One small chip in rear

edge of blade repaired. All blades satisfactory. Burner CB9502 s/n A5025/A5027

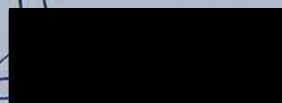
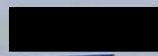
Fuel cylinders all CB2380S, s/n 9278-0015, 9278-0016, 9278-0017, 9278-0018,

9278-0020, 9278-0021. AD's and SB's Checked and complied with.

Form 15b issued

All systems satisfactory

I certify that the work specified above, except as otherwise specified, was carried out in accordance with Part-M and in respect to that work the aircraft is considered ready for release to service.

Signed: BBAC Insp No: CRS Issue Date: 22 September 2016

For and on behalf of the BBAC, under approval reference UK.MF. 0064

Envelope s/n 0030Next Inspection due: Date: 22 September 2017 or Hrs: Gondola/Engine 422.55372.55.

G-SUNA

Part B

SILVER 8/A 0030
ENVELOPE LOGBOOK

The work recorded below has been carried out in accordance with the applicable requirement annotated below and that respect the aircraft/equipment is considered fit for release to service.

Particulars of maintenance and other work carried out
on the aircraft

9

Signature

Authority

Date

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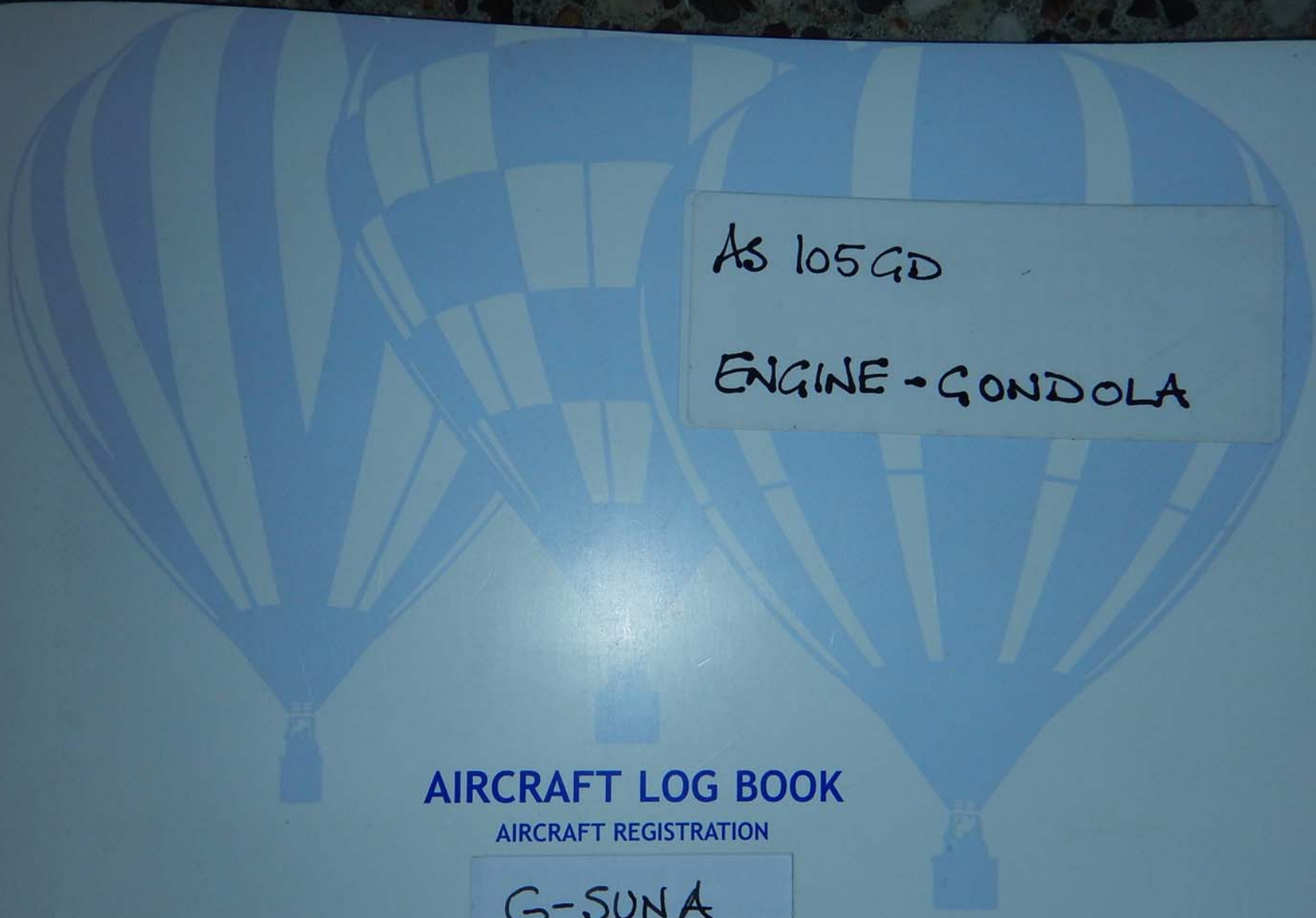
Inspection of complete aircraft.

ENVELOPE - AU Systems satisfactory

22 Sep 16 ✓

Part C	
THE MANDATORY REQUIREMENTS LISTED BELOW ARE NOT APPLICABLE TO THIS AIRCRAFT	
Airworthiness	Reason

44



AS 105GD

ENGINE - GONDOLA

AIRCRAFT LOG BOOK

AIRCRAFT REGISTRATION

G-SUNA

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	Thermal Airship Weight Sheet Weighed 06.2004		ENGINE - GONDOLA	G-SUNA
	Description	Type/Drawing no	Serial Number	Wt (empty) KG
ENVELOPE	AS105GD	Built 2004	0030	215
GONDOLA	AS105GD/4	Built 2004	0010	

CONSTRUCTOR'S NUMBER

TYPE/VARIANT

YEAR OF MANUFACTURE

AIRCRAFT REGISTRATION

G-SUNA

LOG BOOK NUMBER

DEFLATION SYSTEM

①

G-SUNA

Part B

ENGINE-GONDOLA LOG BOOK

The work recorded below has been carried out in accordance with the applicable requirement annotated below and that respect the aircraft/equipment is considered fit for release to service.

Particulars of maintenance and other work carried out on the aircraft

9

Signature

Authority

Date

A

B

C

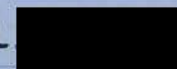
D

INSPECTION OF COMPLETE A/C.

GONDOLA/ENGINE - ALL SYSTEMS SATISFACTORY.



UK



19.6.15

✓

Part B

1	2	FLIGHT TIME				6	7	REMARKS
		No. 3	This Flight 4 Hrs. Min.	Total Since Manufacture 5 Hrs. Min.				
	BROUGHT FORWARD			205 00				
11.21.15	T.T.		2 00	207 00				
11.26.15	T.T.		2 40	209 40				
11.27.15	S.E		1 50	211 30				
11.28.15	S.E		2 00	213 30				
11.28.15	S.E		1 50	215 20				
12.04.15	T.T.		2 40	218 00				
12.19.15	T.T.		1 30	219 30				
12.20.15	T.T.		2 15	221 45				
01.05.16	S.E		0 50	222 35				
01.06.16	S.E		2 50	229.25				
01.07.16	S.E		2 00	231.35				
01.08.16	S.E		1 10	232.45				
01.09.16	SE		1 50	234.35				
Total cf.				234.35				

Part B

DATE	PILOT	FLIGHT TIME				TETHERED	REMARKS
		No.	This Flight	Total Since			
1	2	3	4 Hrs. Min.	5 Hrs. Min.	6	7	
	BROUGHT FORWARD			234 35			
01.09.16	S.E		2 15	236 50			
01.16.16	C WILLIAMS		0 30	237 20			
01.17.16	CW / CC		1 00	238 20			
28 JAN '16				238 20			Annual inspection & cis

Aircraft Service - Service to Light Sport Aircraft
 Greenbrae CA 94904
 Tel: [REDACTED] E: [REDACTED]

AIRCRAFT SERVICE

Reg. G-SUNA Type Rotax 582 UL 99 Date 01.18.2016
 S.No 6025087 Total Time 238.3 Tach Time 238.3

Engine Inspection - Log Book Certificate

4. Engine service carried out as per report AS 2518.
 5. CCBCT combined bearing check, PTO 0.030mm MAG 0.035mm
 6. Carburetor service carried out, plugs cleaned and gapped, gearbox oil changed.

I certify that this engine has been inspected on the above date in accordance with the manufacturer's maintenance and repair procedures and was found to be in an airworthy condition.

Bill Sherlock [REDACTED] LSRM - A, WS, PP [REDACTED] IRMT-UKH- [REDACTED]

IRMT

Total cf.

G-SUNA

Part B GONDOLA/ENGINE LOG BOOK S/N 0010

The work recorded below has been carried out in accordance with the applicable requirement annotated below and in that respect the aircraft/equipment is considered fit for release to service.

INSPECTION REPORT and CERTIFICATE OF RELEASE TO SERVICE

Form IR7

Manufacturer: Gefa-Flug GMBH

Type: AS105 GD

Serial No: 0010

Registration: G-SUNA

Total Hrs: 238.20

Maint Prog: TC-013-1 Gefa-Flug

Details of Work Carried Out (including dates):

Hot Inflation/Annual inspection of complete aircraft

Flown with 2 envelopes s/n 0030 total hours 237.20 and 0012 total hours 294.05.

Temps from front to rear s/n 0030. 120C, 120C, 110C, 110C and s/n 0012. 99C, 99C, 82C, 82C

Gondola AS105GD/4 s/n G0010 undamaged and all systems functioning correctly. Engine

6.025.087 Annual overhaul iaw Gefa MM and Rotax 582UL MM. Helix H50V 37/09

propeller and blades 566,600,601,603. One small chip in rear edge of blade repaired. All

blades satisfactory. Burner CB9502 s/n A5025/A5027

Fuel cylinders all CB2380S, s/n 9278-0015, 9278-0016, 9278-0017, 9278-0018,

9278-0020, 9278-0021. AD's and SB's Checked and complied with

Engine manufacturers service schedule checked. Form 15b issued

All systems satisfactory

I certify that the work specified above, except as otherwise specified, was carried out in accordance with Part-M and in respect to that work the aircraft is considered ready for release to service.

Signed:

BBAC Insp No:

CRS Issue Date: 28 January 2016

For and on behalf of the BBAC, under approval reference UK.MF. 0064

Next Inspection due:

Date: 28 January 2017

or Hrs:

338.20

10 The work recorded below has been carried out in accordance with the applicable requirement annotated below that respect the aircraft/equipment is considered fit for release to service.

9

Signature

Authority

Date _____

A

B

Inspection of complete aircraft

Concoda/Engine - All systems satisfactory.

28 JAN '16



Part B

Part D						
DATE	PILOT	FLIGHT TIME			TETHERED	REMARKS
		No.	This Flight	Total Since		
1	2	3	4 Hrs. Min.	5 Hrs. Min.	6	7
BROUGHT FORWARD						
2.13.16	Trever Enloe		2.4	240.6	N/A	Silver Envelope
2.14.16	Trever Enloe		1.4	242	N/A	Silver Envelope
2.16.16	Trever Enloe	3	2	244	N/A	Silver Envelope
2.16.16	Trever Enloe	4	2	246	N/A	Silver Envelope
2.16.16	Trever Enloe	5	2	248	N/A	Silver Envelope
2.16.16	Trever Enloe	6	2	250	N/A	Silver Envelope
2.16.16	Trever Enloe	7	2.1	252.1	N/A	Silver Envelope
2.19.16	Trever Enloe	8	3	255.1	N/A	Silver Envelope
2.20.16	Trever Enloe	9	1	256.1	N/A	Silver Envelope
2.20.16	Trever Enloe	10	2	258.1	N/A	Silver Envelope
2.20.16	Trever Enloe	11	1	259.1	N/A	Silver Envelope
2.25.16	Trever Enloe	12	3.1	262.2	N/A	Silver Envelope
2.27.16	Trever Enloe	13	2.3	264.5	N/A	Silver Envelope
Total cf.				264.5		

The work record
that respect the

Particulars of the
the aircraft

Part B

DATE	PILOT	FLIGHT TIME			TETHERED	REMARKS
		No.	This Flight	Total Since		
1	2	3	4 Hrs. Min.	5 Hrs. Min.	6	7
	BROUGHT FORWARD	13	2.3	264.5	N/A	Silver Envelope
2.29.16	Trever Enloe	14	0.5	265	N/A	Silver Envelope
3.2.16	Trever Enloe	15	2.2	267.2	N/A	Silver Envelope
3.4.16	Trever Enloe	16	2.9	270.1	N/A	Silver Envelope
3.4.16	Trever Enloe	17	1.4	271.5	N/A	Silver Envelope
3.5.16	Trever Enloe	18	2	273.5	N/A	Silver Envelope
3.5.16	Trever Enloe	19	1.7	275.2	N/A	Silver Envelope
3.6.16	Trever Enloe	20	1.1	276.3	N/A	Silver Envelope
3.9.16	Stuart Thompson	1	1	277.3	N/A	Silver Envelope
5.4.16	Trever Enloe	1	3.1	280.4	N/A	Silver Envelope
5.19.16	Trever Enloe	4	2	282.4	N/A	Silver Envelope
5.20.16	Trever Enloe	5	4.5	286.9	N/A	Silver Envelope
5.20.16	Trever Enloe	6	0.8	287.7	N/A	Silver Envelope
5.28.16	Trever Enloe	1	3.4	291.1	N/A	Silver Envelope
Total cf.				291.1		

1 DATE	2 PILOT	FLIGHT TIME			6 TETHERED	7 REMARKS
		3 No.	4 This Flight Hrs. Min.	5 Total Since Manufacture Hrs. Min.		
	BROUGHT FORWARD			291.1		
6.17.16	Trever Enloe	1	1.1	292.2	N/A	Silver Envelope
6.18.16	Trever Enloe	2	1.5	293.7	N/A	Silver Envelope
8.3.16	Trever Enloe	1	2.6	296.3	N/A	Silver Envelope
8.5.16	Trever Enloe	2	3	299.3	N/A	Silver Envelope
8.17.16	Trever Enloe	9	0.8	300.1	N/A	Silver Envelope
8.18.16	Trever Enloe	10	2.8	302.9	N/A	Silver Envelope
8.19.16	Trever Enloe	11	3.5	306.4	N/A	Silver Envelope
8.23.16	Stuart Thompson	13	3	309.4	N/A	Silver Envelope
8.26.16	Trevor Thompson		2	311.4	N/A	Silver Envelope
8.29.16	Trevor Thompson		2	313.4	N/A	Silver Envelope
9.02.16	Trevor Thompson		.75	314.15	N/A	Silver Envelope
9.03.16	Trevor Thompson		2.25	316.4	N/A	Silver Envelope
9.03.16	Trevor Thompson		2	318.4	N/A	Silver Envelope
Total cf.				318.4		

Part B

1	2	3	FLIGHT TIME		6	7
			4 Hrs.	5 Min.		
DATE	PILOT	No.	This Flight	Total Since	TETHERED	REMARKS
	BROUGHT FORWARD			318.4	N/A	Silver Envelope
9.04.16	Trevor Thompson		2.25	320.65	N/A	Silver Envelope
9.05.16	Trevor Thompson		2.25	322.9	N/A	Silver Envelope
16 SEP '16	_____			322.9	_____	Engine replacement
22 Sep '16	_____			322.9	_____	Annual / 100hr inspection
Total cf.						

G-SUNA Part B ENGINE/GONDOLA

The work recorded below has been carried out in accordance with the applicable requirement annotated below and

INSPECTION REPORT and CERTIFICATE OF RELEASE TO SERVICE

Form IR7

Manufacturer: Gefa-Flug GMBH Type: AS105 GD Serial No: 0010

Registration: G-SUNA Total Hrs: 322.55 Maint Prog: TC-013-1 Gefa-Flug

Details of Work Carried Out (including dates):

Cold Inflation/Annual inspection of complete aircraft

Flown with 2 envelopes s/n 0030 total hours 321.55 and 0012 total hours 294.05.

Temps from front to rear s/n 0030. 120C, 120C, 110C, 110C and s/n 0012. 99C, 99C, 82C, 82C

Gondola AS105GD/4 s/n G0010 undamaged and all systems functioning correctly. Engine replaced with zero hours 582 s/n 9618344 at this inspection iaw Gefa MM and Rotax 582UL MM. Helix H50V 37/09 propeller and blades 566, 600, 601, 603. One small chip in rear edge of blade repaired. All blades satisfactory. Burner CB9502 s/n A5025/A5027

Fuel cylinders all CB2380S, s/n 9278-0015, 9278-0016, 9278-0017, 9278-0018, 9278-0020, 9278-0021. AD's and SB's Checked and complied with.

Form 15b issued

All systems satisfactory

I certify that the work specified above, except as otherwise specified, was carried out in accordance with Part-M and in respect to that work the aircraft is considered ready for release to service.

Signed:

BBAC Insp No: [REDACTED]

CRS Issue Date: 22 September 2016

For and on behalf of the BBAC, under approval reference UK.MF. 0064

Next Inspection due: Date: 22 September 2017 or Hrs: Gondola/Engine 322.55

G - SUNA Part B ENGINE/GONDOLA

The work recorded below has been carried out in accordance with the applicable requirement annotated below and that respect the aircraft/equipment is considered fit for release to service.

Particulars of maintenance and other work carried out on the aircraft

16-September-2016 N529 Rotax 582 S/N 9618344 Hobbs: -0-
Removed Rotax 582 Engine S/N 6025087 & Installed new Rotax 582 S/N 9618344. Removed "E" Gear Drive S/N 040680 and installed on new engine. Flushed coolant system of "blue coolant" and serviced with DexCool 50/50 - Leak checked OK. Installed new pennzoil 2-cycle oil. Removed fuel shut-off valve, cleaned valve and fuel screen, reinstalled, purged fuel system - OP's & leak checked OK. C/W Break-in procedures I/A/W Rotax installation manual.
All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO10205.
Signature: [redacted] Joseph A. Benton, A&P 3138153

9
Signature Authority Date A B C D

[redacted] Insp [redacted] 16 Sep '16 ✓

Inspection of complete aircraft. New engine S/N 9618344
Gondola / engine all systems satisfactory.

[redacted] [redacted] 28 Sep '16 ✓

20

DATE	PILOT	FLIGHT TIME			TETHERED	REMARKS
		No.	This Flight Hrs. Min.	Total Since Manufacture Hrs. Min.		
1	2	3	4 Hrs. Min.	5 Hrs. Min.	6	7
BROUGHT FORWARD			0 . 0	0.0		
9.16.16	N/A		5.0	5.0	Yes	Break-in
11.19.16	Javier Merino Escarilla		4.0	9.0	N/A	Flight time in Mexico
1.31.17	Trevor Thompson		2.5	11.5	N/A	Tampa FL flight
2.01.17	Trevor Thompson		1.75	13.25	N/A	Tampa FL flight
4.15.17	Trevor Thompson		2.0	15.25	N/A	Cross City FL
5.20.17	Javier Merino Escarilla		1.5	16.75	N/A	Baltimore MD
Total cf						

Part C

THE MANDATORY REQUIREMENTS LISTED BELOW ARE NOT APPLICABLE TO THIS AIRCRAFT

Airworthiness Directive	Reason	Name Company	Date	Airworthiness Directive	Reason	Name Company	Date
001-07-96	Applies to T&C Oswestry built envelopes only	Williams. BBAC	19.6.15				
002-11-98	Applies to all Fuel Cylinders supplied for flight by Cameron Balloons Ltd, Thunder & Colt. Complied with by Section 6.22 - Component Life within Cameron HABMM iss 9, amdt 0 30/10/2002						
003-05-2000	Applies to Sky 'Mistral' burners only						
G-2004-0026	Applies to triple & quad gimbaled burners only manufactured Pre-Nov '2004 only						
G-2004-0028	Applies to all solid floor baskets manufactured by Cameron Balloons, Thunder & Colt and Sky Balloons. Complied with by Section 7.4 within Cameron HAB FM iss 10, amdt 0, 10/04/2006						
G-2008-0002 (SIB 2008-3)	Applies to fuel cylinders, where cylinder liquid valve CB0824-0001 (dated 12/05 to 08/06) is fitted to hopper bottom ends (CB8320) only.						
2012-0142 (LBL SB No: 12)	Applies to female ACME thread hose connectors supplied by Lindstrand Balloons Ltd, between 01/01/2011 & 01/09/2012.						