

SUPPLEMENT 8.165 TO CAMERON BALLOONS Ltd. FLIGHT MANUAL ISSUE 10

CANADA ONLY ADDENDUM FOR SPORT-50

Issue 1 of Supplement 8.165 is approved under the authority of DOA ref.
UK.21J.0140

1 GENERAL DESCRIPTION

Note - All the information given in Section 1 of the Flight Manual is for information only and does not form part of the approved procedures. All dimensions given are generic and for guidance purposes only. The information given below applies directly to approved equipment.

2 LIMITATIONS

The following limitations apply in addition to the limitations given in Section 2 of the main manual.

Only the following burners and baskets may be used with the Sport-50.

Burner

TC Ref.	Drawing No.	Type
1	CB200	Mk 3 Single
6	CB2107-1 /-2 *	Mk 4 Stealth Single
7	CB2130-1 /-2 *	Mk 4 Shadow Single
14	CB2245-1 /-2 *	Mk 4 Shadow Single
15	CB2246-1 /-2 *	Mk 4 Shadow Single Adjustable Frame
16	CB2296-1 /-2 *	Mk 4 Stealth Single
19	CB391	Mk 4 Single
43	CB4111-1 /-2 /-3 /4 **	Stratus Neo Single
48	CB4115 **	Stratus Neo Mini Single

*, ** “-1” to “-4” define approved variants.

^ Drawing includes outer load frame. Burner assembly without load frame is CB2702.

Basket

TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
3	CB300-2A	97 x 114	38 x 45	2	4
5	CB300-3A	97 x 137	38 x 54	2	4
7	CB300-4A	107 x 147	42 x 58	2	4
16	CB303	107 x 175	42 x 69	2	6
17	CB308	107 x 175	42 x 69	2	6
18	CB310-1A	97 x 97	38 x 38	2	4

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TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
19	CB310-2A	97 x 114	38 x 45	2	4
20	CB310-3A	97 x 137	38 x 54	2	4
21	CB310-4A	107 x 147	42 x 58	2	4
27	CB950	120 x 180	47 x 71	2	6
28	CB967	110 x 186	43 x 73	2	6
30	CB994	86 x 104	34 x 41	2	4
31	CB3051	86 x 104	34 x 41	2	4
32	CB3033	95 x 132	37 x 52	2	4
34	CB3054	140 x 107	55 x 42	2	6
39	CB3037	66 x 79	26 x 31	2	2
40	CB3153	120 x 180	47 x 71	2	6
41	CB8002	100 x 137	40 x 54	2	6
42	CB8003	100 x 152	40 x 60	2	6
43	CB3050-2	97 x 114	38 x 45	2	4
44	CB3050-3	97 x 137	38 x 54	2	4
45	CB3050-4	107 x 147	42 x 58	2	4
46	CB3011-2A	97 x 114	38 x 45	2	4
47	CB3011-2B	97 x 114	38 x 45	2	4
48	CB3011-3A	97 x 137	38 x 54	2	4
49	CB3011-3B	97 x 137	38 x 54	2	4
50	CB3011-4A	107 x 147	42 x 58	2	4
51	CB3011-4B	107 x 147	42 x 58	2	4
52	CB3115-2	97 x 114	38 x 45	2	4
53	CB3115-3	97 x 137	38 x 54	2	4
54	CB3115-4	107 x 147	42 x 58	2	4
67	CB3238	120 x 185	47 x 73	2	6
76	CB3649*	86 x 104	34 x 41	2	4
77	CB3665*	95 x 114	37 x 45	2	4
78	CB3652*	95 x 132	37 x 52	2	4
79	CB8200	122 x 173	48 x 68	2	4
82	CB3733	110 x 150	43 x 59	2	6

* These drawing numbers may be appended '-1, -2, -3, -4' which define approved variants.

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4 NORMAL PROCEDURES

4.6.4 Post Flight Checks

If a hard landing has been conducted, the basket, burner and fuel cylinders must be inspected for damage as per Maintenance Manual sections 6.6.5, 6.6.4 and 6.6.7 (including table 6.1) respectively.

CANADA ONLY ADDENDUM FOR SPORT 60

Issue 1 of Supplement 8.166 is approved under the authority of DOA ref.
UK.21J.0140

1 GENERAL DESCRIPTION

Note - All the information given in Section 1 of the Flight Manual is for information only and does not form part of the approved procedures. All dimensions given are generic and for guidance purposes only. The information given below applies directly to approved equipment.

2 LIMITATIONS

The following limitations apply in addition to the limitations given in Section 2 of the main manual.

Only the following burners and baskets may be used with the Sport 60.

Burner

TC Ref.	Drawing No.	Type
1	CB200	Mk 3 Single
2	CB2008-1 /-2 *	Mk 4 Stealth Double
3	CB205	Mk 3 Double
4	CB2075-1 /-2 *	Mk 4 Shadow Double
5	CB2101-1 /-2 *	Mk 4 Shadow / Stealth Double
6	CB2107-1 /-2 *	Mk 4 Stealth Single
7	CB2130-1 /-2 *	Mk 4 Shadow Single
8	CB2215-1 /-2 *	Mk 4 Shadow Double Adjustable Frame
9	CB2222-1 /-2 *	Mk 4 Shadow Double
10	CB2239-1 /-2 *	Mk 4 Stealth Double
11	CB2240-1 /-2 *	Mk 4 Stealth Double Adjustable Frame
12	CB2243-1 /-2 *	Mk 4 Shadow / Stealth Double
13	CB2244-1 /-2 *	Mk 4 Shadow / Stealth Double Adjustable Height
14	CB2245-1 /-2 *	Mk 4 Shadow Single
15	CB2246-1 /-2 *	Mk 4 Shadow Single Adjustable Frame
16	CB2296-1 /-2 *	Mk 4 Stealth Single
17	CB2297-1 /-2 *	Mk 4 Stealth Single Adjustable Frame
19	CB391	Mk 4 Single
20	CB392	Mk 4 Double
22	CB460	Mk 4 Double Solenoid version
23	CB494	Mk 4 Double Solenoid (simplified) version
24	CB579-1 /-2 *	Mk 4 Super Double
25	CB595-1 /-2 *	Mk 4 Super Double Solenoid version
29	CB2698 ^	Sirocco Double

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TC Ref.	Drawing No.	Type
30	CB2699 ^	Sirocco Double Adjustable Height
31	CB2691	Sirocco Double Solenoid
34	CB2694	Sirocco Double - Dual Action Handle
35	CB2695	Sirocco Double - Dual Action Handle, Adjustable Height
38	B2-100 (791024-3)	Colt C2 Double
39	CB8720	Stratus Double
43	CB4111-1 /-2 /-3 /4**	Stratus Neo Single
44	CB4112-1 /-2 /-3 /4**	Stratus Neo Double
48	CB4115 **	Stratus Neo Mini Single
49	CB4116 **	Stratus Neo Mini Double

*, ** “-1” to “-4” define approved variants.

^ Drawing includes outer load frame. Burner assembly without load frame is CB2702.

Basket

TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
3	CB300-2A	97 x 114	38 x 45	2	4
5	CB300-3A	97 x 137	38 x 54	3	4
7	CB300-4A	107 x 147	42 x 58	3	4
16	CB303	107 x 175	42 x 69	3	6
17	CB308	107 x 175	42 x 69	3	6
18	CB310-1A	97 x 97	38 x 38	2	4
19	CB310-2A	97 x 114	38 x 45	3	4
20	CB310-3A	97 x 137	38 x 54	3	4
21	CB310-4A	107 x 147	42 x 58	3	4
27	CB950	120 x 180	47 x 71	3	6
28	CB967	110 x 186	43 x 73	3	6
30	CB994	86 x 104	34 x 41	2	4
31	CB3051	86 x 104	34 x 41	2	4
32	CB3033	95 x 132	37 x 52	3	4
34	CB3054	140 x 107	55 x 42	3	6
35	CB3060	140 x 215	55 x 85	3	6
38	CB991	129 x 218	51 x 86	3	6
39	CB3037	66 x 79	26 x 31	2	2
40	CB3153	120 x 180	47 x 71	3	6
41	CB8002	100 x 137	40 x 54	3	6
42	CB8003	100 x 152	40 x 60	3	6
43	CB3050-2	97 x 114	38 x 45	3	4

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TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
44	CB3050-3	97 x 137	38 x 54	3	4
45	CB3050-4	107 x 147	42 x 58	3	4
46	CB3011-2A	97 x 114	38 x 45	3	4
47	CB3011-2B	97 x 114	38 x 45	3	4
48	CB3011-3A	97 x 137	38 x 54	3	4
49	CB3011-3B	97 x 137	38 x 54	3	4
50	CB3011-4A	107 x 147	42 x 58	3	4
51	CB3011-4B	107 x 147	42 x 58	3	4
52	CB3115-2	97 x 114	38 x 45	3	4
53	CB3115-3	97 x 137	38 x 54	3	4
54	CB3115-4	107 x 147	42 x 58	3	4
59	CB3376	129 x 219	51 x 86	3	6
67	CB3238	120 x 185	47 x 73	3	6
76	CB3649*	86 x 104	34 x 41	2	4
77	CB3665*	95 x 114	37 x 45	3	4
78	CB3652*	95 x 132	37 x 52	3	4
79	CB8200	122 x 173	48 x 68	3	4
80	CB8201	122 x 210	48 x 82	3	5
82	CB3733	110 x 150	43 x 59	3	6

* These drawing numbers may be appended '-1, -2, -3, -4' which define approved variants.

2.6 Safety Equipment

The following items must be installed and functional-

An altimeter

A rate of climb indicator or variometer

A fuel quantity gauge (or, if fuel cells are used, a means to indicate the quantity of fuel in each cell during flight)

2.7 Crew

Maximum Occupants -

Refer to the 'Maximum Occupants Including Pilot' column in the basket table above.

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2.8 Envelope Temperature and Loading

Maximum Weight - 544 kg (1200 lb) (Refer to the loading chart, Section 5.1)

Operational Weight - From Empty Weight to the Maximum Weight Range

The loading chart in section 5.1 of the main manual must be used and the lift per 1000 cu ft must be converted to total permitted lift using the table provided.

2.10 Rates of Climb and Descent

Maximum Rate of Climb - 1000 ft/min (5 m/sec).

Maximum Rate of Descent - Refer to paragraph 2.10 in main manual. Cold descents are permitted.

2.13 Operational Conditions

Daytime VFR flight only unless authorized by operating regulations.

4 NORMAL PROCEDURES

4.6.4 Post Flight Checks

If a hard landing has been conducted, the basket, burner and fuel cylinders must be inspected for damage as per Maintenance Manual sections 6.6.5, 6.6.4 and 6.6.7 (including table 6.1) respectively.

CANADA ONLY ADDENDUM FOR SPORT 70

Issue 1 of Supplement 8.167 is approved under the authority of DOA ref.
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1 GENERAL DESCRIPTION

Note - All the information given in Section 1 of the Flight Manual is for information only and does not form part of the approved procedures. All dimensions given are generic and for guidance purposes only. The information given below applies directly to approved equipment.

2 LIMITATIONS

The following limitations apply in addition to the limitations given in Section 2 of the main manual.

Only the following burners and baskets may be used with the Sport 70.

Burner

TC Ref.	Drawing No.	Type
1	CB200	Mk 3 Single
2	CB2008-1 /-2 *	Mk 4 Stealth Double
3	CB205	Mk 3 Double
4	CB2075-1 /-2 *	Mk 4 Shadow Double
5	CB2101-1 /-2 *	Mk 4 Shadow / Stealth Double
6	CB2107-1 /-2 *	Mk 4 Stealth Single
7	CB2130-1 /-2 *	Mk 4 Shadow Single
8	CB2215-1 /-2 *	Mk 4 Shadow Double Adjustable Frame
9	CB2222-1 /-2 *	Mk 4 Shadow Double
10	CB2239-1 /-2 *	Mk 4 Stealth Double
11	CB2240-1 /-2 *	Mk 4 Stealth Double Adjustable Frame
12	CB2243-1 /-2 *	Mk 4 Shadow / Stealth Double
13	CB2244-1 /-2 *	Mk 4 Shadow / Stealth Double Adjustable Height
14	CB2245-1 /-2 *	Mk 4 Shadow Single
15	CB2246-1 /-2 *	Mk 4 Shadow Single Adjustable Frame
16	CB2296-1 /-2 *	Mk 4 Stealth Single
17	CB2297-1 /-2 *	Mk 4 Stealth Single Adjustable Frame
19	CB391	Mk 4 Single
20	CB392	Mk 4 Double
22	CB460	Mk 4 Double Solenoid version
23	CB494	Mk 4 Double Solenoid (simplified) version
24	CB579-1 /-2 *	Mk 4 Super Double
25	CB595-1 /-2 *	Mk 4 Super Double Solenoid version
29	CB2698 ^	Sirocco Double
30	CB2699 ^	Sirocco Double Adjustable Height

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TC Ref.	Drawing No.	Type
31	CB2691	Sirocco Double Solenoid
34	CB2694	Sirocco Double - Dual Action Handle
35	CB2695	Sirocco Double - Dual Action Handle, Adjustable Height
38	B2-100 (791024-3)	Colt C2 Double
39	CB8720	Stratus Double
43	CB4111-1 /-2 /-3 /4**	Stratus Neo Single
44	CB4112-1 /-2 /-3 /4**	Stratus Neo Double
48	CB4115 **	Stratus Neo Mini Single
49	CB4116 **	Stratus Neo Mini Double

*, ** “-1” to “-4” define approved variants.

^ Drawing includes outer load frame. Burner assembly without load frame is CB2702.

Basket

TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
3	CB300-2A	97 x 114	38 x 45	2	4
5	CB300-3A	97 x 137	38 x 54	3	4
7	CB300-4A	107 x 147	42 x 58	3	4
16	CB303	107 x 175	42 x 69	3	6
17	CB308	107 x 175	42 x 69	3	6
18	CB310-1A	97 x 97	38 x 38	2	4
19	CB310-2A	97 x 114	38 x 45	3	4
20	CB310-3A	97 x 137	38 x 54	3	4
21	CB310-4A	107 x 147	42 x 58	3	4
27	CB950	120 x 180	47 x 71	3	6
28	CB967	110 x 186	43 x 73	3	6
30	CB994	86 x 104	34 x 41	2	4
31	CB3051	86 x 104	34 x 41	2	4
32	CB3033	95 x 132	37 x 52	3	4
34	CB3054	140 x 107	55 x 42	3	6
35	CB3060	140 x 215	55 x 85	3	6
38	CB991	129 x 218	51 x 86	3	6
39	CB3037	66 x 79	26 x 31	2	2
40	CB3153	120 x 180	47 x 71	3	6
41	CB8002	100 x 137	40 x 54	3	6
42	CB8003	100 x 152	40 x 60	3	6
43	CB3050-2	97 x 114	38 x 45	3	4
44	CB3050-3	97 x 137	38 x 54	3	4

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TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
45	CB3050-4	107 x 147	42 x 58	3	4
46	CB3011-2A	97 x 114	38 x 45	3	4
47	CB3011-2B	97 x 114	38 x 45	3	4
48	CB3011-3A	97 x 137	38 x 54	3	4
49	CB3011-3B	97 x 137	38 x 54	3	4
50	CB3011-4A	107 x 147	42 x 58	3	4
51	CB3011-4B	107 x 147	42 x 58	3	4
52	CB3115-2	97 x 114	38 x 45	3	4
53	CB3115-3	97 x 137	38 x 54	3	4
54	CB3115-4	107 x 147	42 x 58	3	4
59	CB3376	129 x 219	51 x 86	3	6
67	CB3238	120 x 185	47 x 73	3	6
76	CB3649*	86 x 104	34 x 41	2	4
77	CB3665*	95 x 114	37 x 45	3	4
78	CB3652*	95 x 132	37 x 52	3	4
79	CB8200	122 x 173	48 x 68	3	4
80	CB8201	122 x 210	48 x 82	3	5
82	CB3733	110 x 150	43 x 59	3	6

* These drawing numbers may be appended '-1, -2, -3, -4' which define approved variants.

2.6 Safety Equipment

The following items must be installed and functional -

An altimeter

A rate of climb indicator or variometer

A fuel quantity gauge (or, if fuel cells are used, a means to indicate the quantity of fuel in each cell during flight)

2.7 Crew

Maximum Occupants -

Refer to the 'Maximum Occupants Including Pilot' column in the basket table above.

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Issue 1 of Supplement 8.167 is approved under the authority of DOA ref.
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2.8 Envelope Temperature and Loading

Maximum Weight - 635 kg (1400 lb) (Refer to the loading chart, Section 5.1)

Operational Weight - From Empty Weight to the Maximum Weight Range

The loading chart in section 5.1 of the main manual must be used and the lift per 1000 cu ft must be converted to total permitted lift using the table provided.

2.10 Rates of Climb and Descent

Maximum Rate of Climb - 1000 ft/min (5m/sec).

Maximum Rate of Descent - Refer to paragraph 2.10 in main manual. Cold descents are permitted.

2.13 Operational Conditions

Daytime VFR flight only unless authorized by operating regulations.

4 NORMAL PROCEDURES

4.6.4 Post Flight Checks

If a hard landing has been conducted, the basket, burner and fuel cylinders must be inspected for damage as per Maintenance Manual sections 6.6.5, 6.6.4 and 6.6.7 (including table 6.1) respectively.

CANADA ONLY ADDENDUM FOR SPORT-80

Issue 1 of Supplement 8.168 is approved under the authority of DOA ref.
UK.21J.0140

1 GENERAL DESCRIPTION

Note - All the information given in Section 1 of the Flight Manual is for information only and does not form part of the approved procedures. All dimensions given are generic and for guidance purposes only. The information given below applies directly to approved equipment.

2 LIMITATIONS

The following limitations apply in addition to the limitations given in Section 2 of the main manual.

Only the following burners and baskets may be used with the Sport-80.

Burner

TC Ref.	Drawing No.	Type
1	CB200	Mk 3 Single
2	CB2008-1 /-2 *	Mk 4 Stealth Double
3	CB205	Mk 3 Double
4	CB2075-1 /-2 *	Mk 4 Shadow Double
5	CB2101-1 /-2 *	Mk 4 Shadow / Stealth Double
7	CB2130-1 /-2 *	Mk 4 Shadow Single
8	CB2215-1 /-2 *	Mk 4 Shadow Double Adjustable Frame
9	CB2222-1 /-2 *	Mk 4 Shadow Double
10	CB2239-1 /-2 *	Mk 4 Stealth Double
11	CB2240-1 /-2 *	Mk 4 Stealth Double Adjustable Frame
12	CB2243-1 /-2 *	Mk 4 Shadow / Stealth Double
13	CB2244-1 /-2 *	Mk 4 Shadow / Stealth Double Adjustable Height
14	CB2245-1 /-2 *	Mk 4 Shadow Single
15	CB2246-1 /-2 *	Mk 4 Shadow Single Adjustable Frame
16	CB2296-1 /-2 *	Mk 4 Stealth Single
17	CB2297-1 /-2 *	Mk4 Stealth Single Adjustable Frame
19	CB391	Mk 4 Single
20	CB392	Mk 4 Double
22	CB460	Mk 4 Double Solenoid version
23	CB494	Mk 4 Double Solenoid (simplified) version
24	CB579-1 /-2 *	Mk 4 Super Double
25	CB595-1 /-2 *	Mk 4 Super Double Solenoid version
29	CB2698 ^	Sirocco Double
30	CB2699 ^	Sirocco Double Adjustable Height
31	CB2691	Sirocco Double Solenoid

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TC Ref.	Drawing No.	Type
34	CB2694	Sirocco Double - Dual Action Handle
35	CB2695	Sirocco Double - Dual Action Handle, Adjustable Height
38	B2-100 (791024-3)	Colt C2 Double
39	CB8720	Stratus Double
43	CB4111-1 /-2 /-3 /4**	Stratus Neo Single
44	CB4112-1 /-2 /-3 /4**	Stratus Neo Double
48	CB4115 **	Stratus Neo Mini Single
49	CB4116 **	Stratus Neo Mini Double

*, **, "-1" to "-4" define approved variants.

^ Drawing includes outer load frame. Burner assembly without load frame is CB2702.

Basket

TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
3	CB300-2A	97 x 114	38 x 45	2	4
5	CB300-3A	97 x 137	38 x 54	4	4
7	CB300-4A	107 x 147	42 x 58	4	4
12	CB302-1	155 x 215	61 x 85	4	6
16	CB303	107 x 175	42 x 69	4	6
17	CB308	107 x 175	42 x 69	4	6
18	CB310-1A	97 x 97	38 x 38	2	4
19	CB310-2A	97 x 114	38 x 45	3	4
20	CB310-3A	97 x 137	38 x 54	4	4
21	CB310-4A	107 x 147	42 x 58	4	4
23	CB802	149 x 251	59 x 99	4	6
25	CB862	155 x 221	61 x 87	4	6
27	CB950	120 x 180	47 x 71	4	6
28	CB967	110 x 186	43 x 73	4	6
30	CB994	86 x 104	34 x 41	2	4
31	CB3051	86 x 104	34 x 41	2	4
32	CB3033	95 x 132	37 x 52	4	4
34	CB3054	140 x 107	55 x 42	4	6
35	CB3060	140 x 215	55 x 85	4	6
38	CB991	129 x 218	51 x 86	4	6
39	CB3037	66 x 79	26 x 31	2	2
40	CB3153	120 x 180	47 x 71	4	6
41	CB8002	100 x 137	40 x 54	4	6

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TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
42	CB8003	100 x 152	40 x 60	4	6
43	CB3050-2	97 x 114	38 x 45	3	4
44	CB3050-3	97 x 137	38 x 54	4	4
45	CB3050-4	107 x 147	42 x 58	4	4
46	CB3011-2A	97 x 114	38 x 45	3	4
47	CB3011-2B	97 x 114	38 x 45	3	4
48	CB3011-3A	97 x 137	38 x 54	4	4
49	CB3011-3B	97 x 137	38 x 54	4	4
50	CB3011-4A	107 x 147	42 x 58	4	4
51	CB3011-4B	107 x 147	42 x 58	4	4
52	CB3115-2	97 x 114	38 x 45	4	4
53	CB3115-3	97 x 137	38 x 54	4	4
54	CB3115-4	107 x 147	42 x 58	4	4
59	CB3376	129 x 219	51 x 86	4	6
66	CB3505	136 x 236	54 x 93	4	6
67	CB3238	120 x 185	47 x 73	4	6
70	CB3310	149 x 221	59 x 87	4	6
72	CB755	155 x 215	61 x 85	4	6
76	CB3649*	86 x 104	34 x 41	2	4
77	CB3665*	95 x 114	37 x 45	3	4
78	CB3652*	95 x 132	37 x 52	4	4
79	CB8200	122 x 173	48 x 68	4	4
80	CB8201	122 x 210	48 x 82	4	5
82	CB3733	110 x 150	43 x 59	4	6

* These drawing numbers may be appended '-1, -2, -3, -4' which define approved variants.

2.6 Safety Equipment

The following items must be installed and functional-

An altimeter

A rate of climb indicator or variometer

A fuel quantity gauge (or, if fuel cells are used, a means to indicate the quantity of fuel in each cell during flight)

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Issue 1 of Supplement 8.168 is approved under the authority of DOA ref.
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2.7 Crew

Maximum Occupants - Refer to the 'Maximum Occupants Including Pilot' column
in the basket table above.

2.8 Envelope Temperature and Loading

Maximum Weight - 726 kg (1600 lb) (Refer to the loading chart, Section 5.1)

Operational Weight - From Empty Weight to the Maximum Weight Range

The loading chart in section 5.1 of the main manual must be used and the lift per
1000 cu ft must be converted to total permitted lift using the table provided.

2.10 Rates of Climb and Descent

Maximum Rate of Climb - 1000 ft/min (5 m/sec)

Maximum Rate of Descent - Refer to paragraph 2.10 in main manual. Cold descents are
permitted.

2.13 Operational Conditions

Daytime VFR flight only unless authorized by operating regulations.

4 NORMAL PROCEDURES

4.6.4 Post Flight Checks

If a hard landing has been conducted, the basket, burner and fuel cylinders must be inspected
for damage as per Maintenance Manual sections 6.6.5, 6.6.4 and 6.6.7 (including table 6.1)
respectively.

CANADA ONLY ADDENDUM FOR SPORT-90

Issue 1 of Supplement 8.169 is approved under the authority of DOA ref.
UK.21J.0140

1 GENERAL DESCRIPTION

Note - All the information given in Section 1 of the Flight Manual is for information only and does not form part of the approved procedures. All dimensions given are generic and for guidance purposes only. The information given below applies directly to approved equipment.

2 LIMITATIONS

The following limitations apply in addition to the limitations given in Section 2 of the main manual.

Only the following burners and baskets may be used with the Sport-90.

Burner

TC Ref.	Drawing No.	Type
2	CB2008-1 /-2 *	Mk 4 Stealth Double
3	CB205	Mk 3 Double
4	CB2075-1 /-2 *	Mk 4 Shadow Double
5	CB2101-1 /-2 *	Mk 4 Shadow / Stealth Double
6	CB2107-1 /-2 *	Mk 4 Stealth Single
7	CB2130-1 /-2 *	Mk 4 Shadow Single
8	CB2215-1 /-2 *	Mk 4 Shadow Double Adjustable Frame
9	CB2222-1 /-2 *	Mk 4 Shadow Double
10	CB2239-1 /-2 *	Mk 4 Stealth Double
11	CB2240-1 /-2 *	Mk 4 Stealth Double Adjustable Frame
12	CB2243-1 /-2 *	Mk 4 Shadow / Stealth Double
13	CB2244-1 /-2 *	Mk 4 Shadow / Stealth Double Adjustable Height
14	CB2245-1 /-2 *	Mk 4 Shadow Single
15	CB2246-1 /-2 *	Mk 4 Shadow Single Adjustable Frame
16	CB2296-1 /-2 *	Mk 4 Stealth Single
17	CB2297-1 /-2 *	Mk 4 Stealth Single Adjustable Frame
19	CB391	Mk 4 Single
20	CB392	Mk 4 Double
22	CB460	Mk 4 Double Solenoid version
23	CB494	Mk 4 Double Solenoid (simplified) version
24	CB579-1 /-2 *	Mk 4 Super Double
25	CB595-1 /-2 *	Mk 4 Super Double Solenoid version
29	CB2698 ^	Sirocco Double
30	CB2699 ^	Sirocco Double Adjustable Height
31	CB2691	Sirocco Double Solenoid

CANADA ONLY ADDENDUM FOR SPORT-90

Issue 1 of Supplement 8.169 is approved under the authority of DOA ref. UK.21J.0140

TC Ref.	Drawing No.	Type
34	CB2694	Sirocco Double - Dual Action Handle
35	CB2695	Sirocco Double - Dual Action Handle, Adjustable Height
38	B2-100 (791024-3)	Colt C2 Double
39	CB8720	Stratus Double
43	CB4111-1 /-2 /-3 /4**	Stratus Neo Single
44	CB4112-1 /-2 /-3 /4**	Stratus Neo Double
48	CB4115 **	Stratus Neo Mini Single
49	CB4116 **	Stratus Neo Mini Double

*, ** “-1” to “-4” define approved variants.

^ Drawing includes outer load frame. Burner assembly without load frame is CB2702.

Basket

TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
3	CB300-2A	97 x 114	38 x 45	2	4
5	CB300-3A	97 x 137	38 x 54	4	4
7	CB300-4A	107 x 147	42 x 58	5	4
12	CB302-1	155 x 215	61 x 85	5	6
13	CB302-2	155 x 251	61 x 98	5	6
16	CB303	107 x 175	42 x 69	5	6
17	CB308	107 x 175	42 x 69	5	6
18	CB310-1A	97 x 97	38 x 38	2	4
19	CB310-2A	97 x 114	38 x 45	3	4
20	CB310-3A	97 x 137	38 x 54	4	4
21	CB310-4A	107 x 147	42 x 58	5	4
22	CB754	155 x 252	61 x 99	5	6
23	CB802	149 x 251	59 x 99	5	6
24	CB860	155 x 267	61 x 105	5	6
25	CB862	155 x 221	61 x 87	5	6
27	CB950	120 x 180	47 x 71	5	6
28	CB967	110 x 186	43 x 73	5	6
30	CB994	86 x 104	34 x 41	2	4
31	CB3051	86 x 104	34 x 41	2	4
32	CB3033	95 x 132	37 x 52	4	4
34	CB3054	140 x 107	55 x 42	5	6
35	CB3060	140 x 215	55 x 85	5	6
38	CB991	129 x 218	51 x 86	5	6
39	CB3037	66 x 79	26 x 31	2	2

SUPPLEMENT 8.169 TO CAMERON BALLOONS Ltd. FLIGHT MANUAL ISSUE 10

CANADA ONLY ADDENDUM FOR SPORT-90

Issue 1 of Supplement 8.169 is approved under the authority of DOA ref.
UK.21J.0140

TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
40	CB3153	120 x 180	47 x 71	5	6
41	CB8002	100 x 137	40 x 54	4	6
42	CB8003	100 x 152	40 x 60	5	6
43	CB3050-2	97 x 114	38 x 45	3	4
44	CB3050-3	97 x 137	38 x 54	4	4
45	CB3050-4	107 x 147	42 x 58	5	4
46	CB3011-2A	97 x 114	38 x 45	3	4
47	CB3011-2B	97 x 114	38 x 45	3	4
48	CB3011-3A	97 x 137	38 x 54	4	4
49	CB3011-3B	97 x 137	38 x 54	4	4
50	CB3011-4A	107 x 147	42 x 58	5	4
51	CB3011-4B	107 x 147	42 x 58	5	4
52	CB3115-2	97 x 114	38 x 45	3	4
53	CB3115-3	97 x 137	38 x 54	4	4
54	CB3115-4	107 x 147	42 x 58	5	4
59	CB3376	129 x 219	51 x 86	5	6
66	CB3505	136 x 236	54 x 93	5	6
67	CB3238	120 x 185	47 x 73	5	6
68	CB3084	155 x 264	61 x 104	5	6
70	CB3310	149 x 221	59 x 87	5	6
72	CB755	155 x 215	61 x 85	5	6
76	CB3649*	86 x 104	34 x 41	2	4
77	CB3665*	95 x 114	37 x 45	3	4
78	CB3652*	95 x 132	37 x 52	4	4
79	CB8200	122 x 173	48 x 68	5	4
80	CB8201	122 x 210	48 x 82	5	5
82	CB3733	110 x 150	43 x 59	5	6

* These drawing numbers may be appended '-1, -2, -3, -4' which define approved variants.

2.6 Safety Equipment

The following items must be installed and functional-

An altimeter

A rate of climb indicator or variometer

A fuel quantity gauge (or, if fuel cells are used, a means to indicate the quantity of fuel in each cell during flight)

CANADA ONLY ADDENDUM FOR SPORT-90

Issue 1 of Supplement 8.169 is approved under the authority of DOA ref.
UK.21J.0140

2.7 Crew

Maximum Occupants - Refer to the 'Maximum Occupants Including Pilot' column
in the basket table above.

2.8 Envelope Temperature and Loading

Maximum Weight - 816 kg (1800 lb) (Refer to the loading chart, Section 5.1)

Operational Weight - From Empty Weight to the Maximum Weight Range

The loading chart in section 5.1 of the main manual must be used and the lift per 1000 cu.ft
must be converted to total permitted lift using the table provided.

2.10 Rates of Climb and Descent

Maximum Rate of Climb - 1000 ft/min (5m/sec).

Maximum Rate of Descent - Refer to paragraph 2.10 in main manual. Cold descents are
permitted.

2.13 Operational Conditions

Daytime VFR flight only unless authorized by operating regulations.

4 NORMAL PROCEDURES

4.6.4 Post Flight Checks

If a hard landing has been conducted, the basket, burner and fuel cylinders must be in-
spected for damage as per Maintenance Manual sections 6.6.5, 6.6.4 and 6.6.7 (including
table 6.1) respectively.

SUPPLEMENT 8.170 TO CAMERON BALLOONS Ltd. FLIGHT MANUAL ISSUE 10

CANADA ONLY ADDENDUM FOR SPORT-105

Issue 1 of Supplement 8.170 is approved under the authority of DOA ref.
UK.21J.0140

1 GENERAL DESCRIPTION

Note - All the information given in Section 1 of the Flight Manual is for information only and does not form part of the approved procedures. All dimensions given are generic and for guidance purposes only. The information given below applies directly to approved equipment.

2 LIMITATIONS

The following limitations apply in addition to the limitations given in Section 2 of the main manual.

Only the following burners and baskets may be used with the Sport-105.

Burner

TC Ref.	Drawing No.	Type
2	CB2008-1 /-2 *	Mk 4 Stealth Double
3	CB205	Mk 3 Double
4	CB2075-1 /-2 *	Mk 4 Shadow Double
5	CB2101-1 /-2 *	Mk 4 Shadow / Stealth Double
6	CB2107-1 /-2 *	Mk 4 Stealth Single
7	CB2130-1 /-2 *	Mk 4 Shadow Single
8	CB2215-1 /-2 *	Mk 4 Shadow Double Adjustable Frame
9	CB2222-1 /-2 *	Mk 4 Shadow Double
10	CB2239-1 /-2 *	Mk 4 Stealth Double
11	CB2240-1 /-2 *	Mk 4 Stealth Double Adjustable Frame
12	CB2243-1 /-2 *	Mk 4 Shadow / Stealth Double
13	CB2244-1 /-2 *	Mk 4 Shadow / Stealth Double Adjustable Height
14	CB2245-1 /-2 *	Mk 4 Shadow Single
15	CB2246-1 /-2 *	Mk 4 Shadow Single Adjustable Frame
16	CB2296-1 /-2 *	Mk 4 Stealth Single
17	CB2297-1 /-2 *	Mk 4 Stealth Single Adjustable Frame
19	CB391	Mk 4 Single
20	CB392	Mk 4 Double
22	CB460	Mk 4 Double Solenoid version
23	CB494	Mk 4 Double Solenoid (simplified) version
24	CB579-1 /-2 *	Mk 4 Super Double
25	CB595-1 /-2 *	Mk 4 Super Double Solenoid version
29	CB2698 ^	Sirocco Double
30	CB2699 ^	Sirocco Double Adjustable Height
31	CB2691	Sirocco Double Solenoid

SUPPLEMENT 8.170 TO CAMERON BALLOONS Ltd. FLIGHT MANUAL ISSUE 10

CANADA ONLY ADDENDUM FOR SPORT-105

Issue 1 of Supplement 8.170 is approved under the authority of DOA ref.
UK.21J.0140

TC Ref.	Drawing No.	Type
34	CB2694	Sirocco Double - Dual Action Handle
35	CB2695	Sirocco Double - Dual Action Handle, Adjustable Height
38	B2-100 (791024-3)	Colt C2 Double
39	CB8720	Stratus Double
43	CB4111-1 /-2 /-3 /4**	Stratus Neo Single
44	CB4112-1 /-2 /-3 /4**	Stratus Neo Double
49	CB4116 **	Stratus Neo Mini Double

*, ** “-1” to “-4” define approved variants.

^ Drawing includes outer load frame. Burner assembly without load frame is CB2702.

Basket

TC Ref.	Drawing No.	Dimensions		Max occupants	max Cylinders
		cm	inch		
3	CB300-2A	97 x 114	38 x 45	2	4
5	CB300-3A	97 x 137	38 x 54	4	4
7	CB300-4A	107 x 147	42 x 58	5	4
12	CB302-1	155 x 215	61 x 85	5	6
13	CB302-2	155 x 251	61 x 98	5	6
16	CB303	107 x 175	42 x 69	5	6
17	CB308	107 x 175	42 x 69	5	6
18	CB310-1A	97 x 97	38 x 38	2	4
19	CB310-2A	97 x 114	38 x 45	3	4
20	CB310-3A	97 x 137	38 x 54	4	4
21	CB310-4A	107 x 147	42 x 58	5	4
22	CB754	155 x 252	61 x 99	5	6
23	CB802	149 x 251	59 x 99	5	6
24	CB860	155 x 267	61 x 105	5	6
25	CB862	155 x 221	61 x 87	5	6
27	CB950	120 x 180	47 x 71	5	6
28	CB967	110 x 186	43 x 73	5	6
30	CB994	86 x 104	34 x 41	2	4
31	CB3051	86 x 104	34 x 41	2	4
32	CB3033	95 x 132	37 x 52	4	4
34	CB3054	140 x 107	55 x 42	5	6
35	CB3060	140 x 215	55 x 85	5	6
38	CB991	129 x 218	51 x 86	5	6
39	CB3037	66 x 79	26 x 31	2	2

SUPPLEMENT 8.170 TO CAMERON BALLOONS Ltd. FLIGHT MANUAL ISSUE 10

CANADA ONLY ADDENDUM FOR SPORT-105

Issue 1 of Supplement 8.170 is approved under the authority of DOA ref.
UK.21J.0140

TC Ref.	Drawing No.	Dimensions cm	Dimensions inch	Max occupants	max Cylinders
40	CB3153	120 x 180	47 x 71	5	6
41	CB8002	100 x 137	40 x 54	4	6
42	CB8003	100 x 152	40 x 60	5	6
43	CB3050-2	97 x 114	38 x 45	3	4
44	CB3050-3	97 x 137	38 x 54	4	4
45	CB3050-4	107 x 147	42 x 58	5	4
46	CB3011-2A	97 x 114	38 x 45	3	4
47	CB3011-2B	97 x 114	38 x 45	3	4
48	CB3011-3A	97 x 137	38 x 54	4	4
49	CB3011-3B	97 x 137	38 x 54	4	4
50	CB3011-4A	107 x 147	42 x 58	5	4
51	CB3011-4B	107 x 147	42 x 58	5	4
52	CB3115-2	97 x 114	38 x 45	3	4
53	CB3115-3	97 x 137	38 x 54	4	4
54	CB3115-4	107 x 147	42 x 58	5	4
59	CB3376	129 x 219	51 x 86	5	6
66	CB3505	136 x 236	54 x 93	5	6
67	CB3238	120 x 185	47 x 73	5	6
68	CB3084	155 x 264	61 x 104	5	6
70	CB3310	149 x 221	59 x 87	5	6
72	CB755	155 x 215	61 x 85	5	6
76	CB3649*	86 x 104	34 x 41	2	4
77	CB3665*	95 x 114	37 x 45	3	4
78	CB3652*	95 x 132	37 x 52	4	4
79	CB8200	122 x 173	48 x 68	5	4
80	CB8201	122 x 210	48 x 82	5	5
82	CB3733	110 x 150	43 x 59	5	6

* These drawing numbers may be appended '-1, -2, -3, -4' which define approved variants.

2.6 Safety Equipment

The following items must be installed and functional-

An altimeter

A rate of climb indicator or variometer

A fuel quantity gauge (or, if fuel cells are used, a means to indicate the quantity of fuel in each cell during flight)

SUPPLEMENT 8.170 TO CAMERON BALLOONS Ltd. FLIGHT MANUAL ISSUE 10

CANADA ONLY ADDENDUM FOR SPORT-105

Issue 1 of Supplement 8.170 is approved under the authority of DOA ref.
UK.21J.0140

2.7 Crew

Maximum Occupants- Refer to the 'Maximum Occupants Including Pilot' column
in the basket table above.

2.8 Envelope Temperature and Loading

Maximum Weight - 952 kg (2100 lb) (Refer to the loading chart, Section 5.1)

Operational Weight - From 476 kg (1050 lb) to the Maximum Weight Range

The loading chart in section 5.1 of the main manual must be used and the lift per
1000 cu ft must be converted to total permitted lift using the table provided.

2.10 Rates of Climb and Descent

Maximum Rate of Climb - 1000 ft/min (5 m/sec).

Maximum Rate of Descent - Refer to paragraph 2.10 in main manual. Cold descents are
permitted.

2.13 Operational Conditions

Daytime VFR flight only unless authorized by operating regulations.

4 NORMAL PROCEDURES

4.6.4 Post Flight Checks

If a hard landing has been conducted, the basket, burner and fuel cylinders must be inspected
for damage as per Maintenance Manual sections 6.6.5, 6.6.4 and 6.6.7 (including table 6.1)
respectively.