



THIS INSPECTION CHECKLIST MUST BE COMPLETED EACH YEAR or FOR EACH 100 HOURS OF FLIGHT and/or TETHER. See Pg. 1 - 1 of this manual.

This inspection checklist dated June 01, 2026 will be incorporated into the next Revision of this manual. It should be used immediately in lieu of any previously released versions.

NOTE: This checklist does NOT contain full details of every inspection process. Consult the manual for complete descriptions and inspection criteria

APPENDIX B

CHECK LIST: ANNUAL, 100 HOUR, CONDITION INSPECTION

MODEL _____ N# _____ DATE STARTED _____

OWNER _____ WORK ORDER # _____

ENVELOPE: PART # _____ SERIAL # _____ N/A
Total Time : _____ Total Time at Last Annual : _____

BASKET: PART # _____ SERIAL # _____ N/A
Total Time : _____ (If Different Than Envelope)

BURNER: PART # _____ SERIAL # _____ N/A
Total Time : _____ (If Different Than Envelope)

INSTRUMENTS: MAKE/MODEL _____ N/A

SERIAL #'s: ALTIMETER _____ VSI _____ N/A

WIRED TEMPERATURE GAUGE _____ N/A

WIRELESS TEMPERATURE GAUGE RECEIVER _____ N/A

WIRELESS TEMPERATURE GAUGE TRANSMITTER _____ N/A

FUEL TANKS: Indicate Total Time (TT) if different than envelope: N/A

TT _____ 1) PART # _____ SERIAL # _____ N/A

TT _____ 2) PART # _____ SERIAL # _____ N/A

TT _____ 3) PART # _____ SERIAL # _____ N/A

TT _____ 4) PART # _____ SERIAL # _____ N/A

TT _____ 5) PART # _____ SERIAL # _____ N/A

TT _____ 6) PART # _____ SERIAL # _____ N/A

INSPECTION PERFORMED BY: _____ DATE: _____

INSPECTION CERTIFIED BY: _____ CERTIFICATE # _____

This Aircraft/Component(s) found to be AIRWORTHY or UN-AIRWORTHY



DAMAGE AND REPAIR LOG

	DAMAGE	AREA / COMPONENT	REPAIR METHOD	REPAIRED BY
1)				
2)				
3)				
4)				
5)				
6)				
7)				
8)				
9)				
10)				



I. FABRIC..... (SECTION N/A)
*THE FABRIC STRENGTH TESTS IN SECTIONS A, B, C, D & E **ARE REQUIRED AT EACH INSPECTION UNLESS THE ENVELOPE HAS LESS THAN 100 HOURS TT AND IS LESS THAN 2 YEARS FROM THE DATE OF ORIGINAL CERTIFICATION.***

A. FABRIC STRENGTH, ENVELOPE

30 lbs., 1" grab test over 3 inch span, both ripstop directions (not parachute)

- _____ area 1: Top panel 6"↓ from parachute hole & 6" → or ← of VLT, all colors
- _____ area 2: Top ripstop panel 6"↓ from seam & 6" → or ← of VLT, all color
- _____ area 3: All suspicious, moldy, discolored or mildewed areas

B. FABRIC STRENGTH, TURNING VENT(SECTION N/A)

30 LBS., 1" GRAB TEST OVER 3 INCH SPAN, BOTH RIPSTOP DIRECTIONS

- _____ inner panels, 6" from outer edge, all panels & nearest envelope panels
- _____ outer panels, 6" from outer edge, all panels & nearest envelope panels

C. FABRIC STRENGTH, SPECIAL SHAPE DIAPHRAGMS(SECTION N/A)

30 LBS., 1" GRAB TEST OVER 3 INCH SPAN, BOTH RIPSTOP DIRECTIONS

- _____ Various Selected Diaphragms, enough to insure envelope integrity

D. FABRIC STRENGTH, PARACHUTE / SMARTVENT™ / EASYVENT™(SECTION N/A)

30 LBS., 1" GRAB TEST OVER 3" SPAN, BOTH RIPSTOP DIRECTIONS

(NOT the outer edge of parachute)

- _____ area 1: 6"↓ from parachute patch, all colors
- _____ area 2: 6"↑ from Velcro tab, all colors
- _____ area 3: Parachute patch
- _____ area 4: All suspicious, moldy, discolored or mildewed areas

20 LBS., 1" GRAB TEST OVER 3 INCH SPAN, BOTH RIPSTOP DIRECTIONS (REQUIRED)

(outer edge of parachute)

- _____ area 1: 3" ↑ from outer edge and 6" → or ← of seam, all colors
- _____ area 2: All suspicious, moldy, discolored or mildewed areas

E. FABRIC STRENGTH, RIP PANEL.....(SECTION N/A)

30 LBS., 1" GRAB TEST OVER 3 INCH SPAN, BOTH RIPSTOP DIRECTIONS

- _____ 6" from lower outer corners of flap
- _____ 6" from lower outer corners of flap hole on envelope

F. FABRIC INTEGRITY

- _____ gore by gore inspection completed & discrepancies noted on pg. 2 & 19, 20 & 21
- _____ special shape hot inflated for interior & exterior inspection
- _____ no un-repaired unacceptable holes, cuts, melt damage & abrasions
- _____ note mold/mildew on pg. 2 & 19, 20 or 21
- _____ no un-repaired stitching damage

G. WINDOW (TRANSPARENT FABRIC) (SECTION N/A)

- _____ Inspect the Window material for tears & cracking, replace if any found
- _____ Inspect the adhesive tape fitted to the edge of the Window, replace if damaged
- _____ Inspect for Fraying, if damage reaches the adhesive tape – **It Must be Repaired**



II. ENVELOPE.....(SECTION N/A)

A. CARABINERS - QUANTITY.....(SECTION N/A)

- _____ no corrosion or rust
- _____ locking gates and collars functional

B. MOUTH CABLES, STAINLESS STEEL(SECTION N/A)

- _____ no heat damage
- _____ no abrasion damage
- _____ no kinks
- _____ no broken wire strands
- _____ cable attachment sewing intact
- _____ cable attachment covers (boots) undamaged (**Optional: Update per Appendix AA**)
- _____ cable swaging in good condition
- _____ heat shrink covers in good condition
- _____ thimbles in good condition and secure

C. MOUTH CABLES, KEVLAR.....(SECTION N/A)

- _____ no heat damage to cover or Kevlar core
- _____ no abrasion damage
- _____ splice stitching undamaged
- _____ clean except for dust and light soiling
- _____ cable attachment covers (boots) undamaged (**Optional: Update per Appendix AA**)
- _____ thimbles in good condition and secure

D. SCOOP (OPTIONAL) (NON-AIRWORTHINESS ITEM)(SECTION N/A)

- _____ fabric in good condition
- _____ attachment points secure and undamaged
- _____ shock cords and attachment clips in good condition

E. I.D. PLATE & MOUTH TAPE

- _____ I.D. Plate present, secure and information correct
- _____ Mouth Tape Splice Stitching Undamaged
- _____ Mouth Tape Re-Enforcing Tape Present & Undamaged: (**140 & Up ONLY**)

A-SERIES VLT 20 TO VLT 2, O-SERIES VLT 12 TO 2, N & Z-SERIES VLT 12R TO 2L OR 24 TO 2 OR 32 TO 2

F. LOAD TAPES: VERTICAL

- _____ bottom to top inspection completed & discrepancies noted on pg. 2 & 19, 20 or 21
- _____ no un-repaired abrasions
- _____ no un-repaired cuts
- _____ no un-repaired melt damage
- _____ no un-repaired stitching damage
- _____ Kevron VLT nylon cover stitching at parachute free tapes & mouth not damaged

G. PARACHUTE RETRIEVAL LINE (NON-AIRWORTHINESS ITEM) (SECTION N/A)

- _____ length correct (approximately 14 feet ± .5 feet)
- _____ attachment at parachute patch in good condition

H. LOAD TAPES: CENTER GORE, WEB & SPIDER.....(SECTION N/A)

- _____ no un-repaired abrasions
- _____ no un-repaired cuts
- _____ no un-repaired melt damage
- _____ no un-repaired stitching damage



I. CROWN RING

_____ no non repaired abrasion damage, burrs or corrosion

J. CROWN LINE (NON-AIRWORTHINESS ITEM)(SECTION N/A)

_____ length correct

_____ acceptable abrasion damage

_____ attachment clip present and in good condition

K. TEMPERATURE LABELS (PARACHUTE CENTER PATCH & ENVELOPE VLT #3 OR #3R)

_____ latest installed: reading on envelope _____ Date _____

_____ latest installed: reading on parachute _____ Date _____

_____ highest temp. ever recorded on any label _____ Date _____

_____ location of highest temp recorded: parachute or envelope (circle one)

L. NEW: DATED AND INITIALED TEMPERATURE LABELS INSTALLED (REQUIRED):

_____ properly installed per Appendix AB

_____ in parachute at center patch edge next to existing label(s)

_____ on VLT #3 (or #3R) next to existing label(s)

III. TURNING VENTS(S)(SECTION N/A)

A. VENT FLAP FINGER LINES

_____ Kevlar or Polyester or N/A (Direct tie)

_____ no abrasion damage

_____ condition good

B. BLACK (BLUE) LINE(SECTION N/A)

_____ no abrasion or melt damage

_____ condition good

_____ pulley in good, functional condition

C. GREEN (YELLOW) LINE.....(SECTION N/A)

_____ no abrasion or melt damage

_____ condition good

_____ pulley in good, functional condition

IV. PARACHUTE TOP(SECTION N/A)

A. VALVE CENTERING LINES

_____ lines in good condition

_____ correct length

_____ envelope & parachute attachment points secure

B. SHROUD LINES

_____ lines in good condition

C. SHROUD PULLEY

_____ in good condition

_____ roller spins freely

D. VELCRO TABS & REINFORCEMENT WEBBING

_____ holding force good

_____ stitching intact

E. PARACHUTE (ROUND RED) LINE

_____ length correct

_____ no abrasion damage



- _____ no melt damage
- _____ termination point attachment secure and intact
- _____ lower pulley(s) undamaged, functional and secure

V. EASYVENT™ (I & II) & SMARTVENT™ (RDS).....(SECTION N/A)

A. SHROUD / VALVE CENTERING / FLYING PULLEY LINES & PULLEYS

- _____ shroud/valve centering lines & knots in good condition
- _____ envelope & parachute attachment points in good condition
- _____ envelope or flying pulley & parachute pulleys in good condition and roller spins freely:
- _____ **Easy Vent II Only:** flying pulley lines & knots in good condition
- _____ lubricate with Sailkote (Drylube) spray or equivalent

B. SHROUD PULLEY

- _____ in good condition
- _____ roller spins freely

C. VELCRO TABS & REINFORCEMENT TAPES

- _____ holding force good
- _____ stitching intact

D. ROUND RED LINE

- _____ length correct
- _____ no abrasion damage
- _____ no melt damage
- _____ termination point attachment secure and intact
- _____ lower pulley(s) undamaged, functional and secure
- _____ storage bag present

E. FLAT RED LINE

- _____ length correct
- _____ no abrasion damage
- _____ no melt damage
- _____ SS-Ring and attachment undamaged
- _____ Interface between flat & round rope secure & undamaged (2:1, 3:1 & 4:1)
- _____ dead leg: pulley & attachment undamaged, functional & secure
- _____ Side pulley: pulley, line and attachment undamaged, functional and secure (Optional on large envelopes - 180,000 cu ft. and up)
- _____ storage bag present

F. SMART VENT LIMIT LINE ATTACHMENTS

- _____ attachment points secure

G. ALTERNATIVE-PULL PULLEYS

- _____ attachment points secure
- _____ undamaged (intact and roller not grooved) and spins freely
- _____ lubricate with Sailkote (Drylube) spray or equivalent

H. EASY VENT I & II

- _____ SS rings, restraining lines & attachments in good condition

VI. RIP PANEL(SECTION N/A)

A. PERIMETER VELCRO™

- _____ 30 lbs., grab test over 12" span (Required)



- _____ replaced after every 100 hrs. of operation (Required)
- B. UPPER PULLEY AND ATTACHMENT POINT**
 - _____ pulley in good condition
 - _____ attachment point in good condition
- C. RIP LOCK HOOKS**
 - _____ in good condition, no abrasions or roughness
- D. RIP LOCK HOOK LOOPS**
 - _____ in good condition
- E. "D" RINGS ATTACHMENTS**
 - _____ in good condition
- F. UPPER RIP LINE**
 - _____ in good condition
 - _____ length checked and correct
- G. LOWER RIP LINE**
 - _____ in good condition
 - _____ length checked and correct
- H. UPPER TO LOWER RIP LINE JUNCTION**
 - _____ SS ring present
 - _____ pulley & attachment in good shape
 - _____ Velcro on pulley in good condition

VII. PRE-VENT SYSTEM..... (SECTION N/A)

- A. SHROUD/VCL LINES**
 - _____ lines in good condition
 - _____ correct length
 - _____ envelope & parachute attachment points secure
- B. PULLEYS**
 - _____ attachment points secure
 - _____ undamaged (intact and roller not grooved) and spins freely
 - _____ lubricate with Sailkote™ (DryLube) spray or equivalent
- C. MAIN PULLEY**
 - _____ in good condition
 - _____ roller spins freely
- D. LOWER PULLEY**
 - _____ in good condition
 - _____ roller spins freely
- E. WHITE LINE**
 - _____ length correct
 - _____ no abrasion damage
 - _____ no melt damage
 - _____ termination point attachment secure and intact



VIII. BURNER.....(SECTION N/A)

A. INNER FRAME.....(SECTION N/A)

- _____ shape correct (1" deflection maximum)
- _____ no cracks in tubing
- _____ no corrosion or rust (MK III red frame)

B. OUTER FRAME - FLEXIBLE SYSTEM(SECTION N/A)

- _____ not bent & no cracks in tubing
- _____ corner shackles in good condition
- _____ shackle pins & nuts in good condition
- _____ corner welds unbroken

MK III RED FRAME(SECTION N/A)

- _____ no corrosion or rust
- _____ wing nuts & bolts in good condition
- _____ wing nuts friction force correctly adjusted

C. OUTER FRAME – FLEXI POLE SYSTEM(SECTION N/A)

FLEXIBLE CORNER(SECTION N/A)

- _____ Flexi pole retaining sleeves & sleeve ears not bent
- _____ retaining sleeve bolts & nuts or Avibank pins in good condition
- _____ grommets undamaged (NON-Airworthiness Item)
- _____ not bent & no cracks in tubing
- _____ corner plates in good condition
- _____ all welds in good condition

FIXED CORNER.....(SECTION N/A)

- _____ Flexi pole retaining sleeves not bent
- _____ not bent & no cracks in tubing
- _____ corner lugs in good condition
- _____ all welds in good condition

GIMBAL BLOCK(SECTION N/A)

- _____ gimbal block in good condition
- _____ friction force adjusted to greater than or equal to minimum standard (see Appendix U)

ADJUSTABLE HEIGHT(SECTION N/A)

- _____ Old Style: Saddles, bolts, friction washers and knobs in good condition
- _____ New Style: Bolts & Nuts tight
- _____ New Style: Pneumatic cylinder functional and securely attached

D. SADDLE ASSEMBLIES(SECTION N/A)

- _____ saddles, bolts, nuts, friction washers (inner to outer frame) in good condition
- _____ saddles, bolts, nuts, friction washers (inner frame to burner) in good condition
- _____ friction force adjusted to greater than or equal to minimum standard (see Appendix U)

E. CROSS SUPPORT TUBE - (MK III DOUBLE ONLY).....(SECTION N/A)

- _____ straight (not bent)
- _____ pivot bolts and nuts in good condition

F. COIL ASSEMBLY

- _____ coils in good condition
- _____ welds unbroken and not leaking
- _____ corner supports in good condition



_____ jets: present and tight

F1. SLUPER TUBE

MK IV ULTRA, STRATUS & NEO ONLY

- _____ Tubes present
- _____ Tube upper end centered over jet orifice
- _____ Bracket set screw present & tight (thread locker recommended) (Ultra)
- _____ Mounting screw present & tight (thread locker recommended) (Stratus & Neo)

G. PILOT LIGHT

- _____ pilot valve handle tight
- _____ pilot light cup secure & in good condition
- _____ pilot light jet present & free of contamination

H. REGULATOR (VAPORIZER), LIQUID PILOT LIGHT

MK IV SUPER – MK IV ULTRA - SIROCCO – STRATUS - NEO

- _____ disassemble, clean and inspect (REQUIRED)

I. PIEZO IGNITER(SECTION N/A)

- _____ piezo igniter electrode secure
- _____ piezo igniter electrode in good condition
- _____ piezo igniter actuator/generator in good condition

MKIV STANDARD(SECTION N/A)

- _____ electrode clamp tight
- _____ igniter wire in good condition
- _____ igniter generator protective cover intact

MK IV SUPER – MK IV ULTRA – SIROCCO

- _____ pilot light cup/tube set screw secure

STRATUS & NEO

- _____ pilot light tube screwed securely onto the regulator housing

J. BLAST VALVES

MK III & MK IV STANDARD.....(SECTION N/A)

- _____ O-rings & Teflon rings replaced (REQUIRED)
- _____ handle bolts or safety wire installed (REQUIRED)
- _____ blast valve flow direction correct

MK IV SUPER..... (SECTION N/A)

- _____ toggle handle set screws tight
- _____ disassemble, inspect & lube "O" rings (REPLACE O-RINGS IF DAMAGED)

MK IV ULTRA(SECTION N/A)

- _____ toggle handle set screws tight (w/o Ultra Grip Only)
- _____ Ultra grip handle screws tight
- _____ disassemble, inspect & lube "O" rings (REPLACE O-RINGS IF DAMAGED)

SIROCCO(SECTION N/A)

- _____ Dual Action handle & trigger tight & functional
- _____ disassemble, inspect & lube "O" rings (REPLACE O-RINGS IF DAMAGED)

REMOTE BLAST VALVE OPTION (SECTION N/A)

- _____ Check for proper Function, Operation & No Leaks
- _____ Remote Blast Valve Control tested, 4 activations



- STRATUS(SECTION N/A)
 - _____ disassemble & inspect
 - _____ REPLACE O-rings & Teflon rings (REQUIRED)
- NEO(SECTION N/A)
 - _____ disassemble & inspect, Lube O-Ring (Replace O-ring if damaged)
- K. 3 WAY TEE (MK III) & 4 WAY TEE (MK IV STANDARD)(SECTION N/A)
 - _____ shape correct (not bent) & not leaking
- L. PRESSURE GAUGE(S)
 - _____ functions correctly
 - _____ needle zeros
- M. WHISPER (LIQUID) VALVE(S)(SECTION N/A)
 - _____ operates smoothly and correctly
 - _____ handle tight
- MK IV ULTRA
 - _____ lubricate (Section 6.9 B)
- STRATUS(SECTION N/A)
 - _____ disassemble & inspect
 - _____ circlip present & in good condition
 - _____ REPLACE O-rings & Teflon rings (REQUIRED)
- NEO(SECTION N/A)
 - _____ disassemble & inspect
 - _____ circlip present & in good condition (Toggle Style Handle)
 - _____ handle tight (Rotary Style Handle)
 - _____ O-ring Inspect and replace if damaged
- N. CROSS FLOW VALVE(SECTION N/A)
 - _____ operates smoothly
 - _____ handle tight
- O. LIQUID HOSES (REPLACE AFTER 10 YEARS IN SERVICE)
 - _____ no cuts or abrasions
 - _____ acceptable cracking per Section 6.7
 - _____ no bulging or swelling
 - _____ RECORD the date: See Appendix Y for proper identification
- Single & Double: Left _____ Right _____ (N/A)
- Triple : Left _____ Right _____ Center _____ (N/A)
- Quad: Left (1) _____ Left (2) _____ Right (1) _____ Right (2) _____ (N/A)
- _____ LARGE BORE (1/2") HOSES Fitted on Stratus Triple & Quad w/Cross Flow
- P. LIQUID HOSE CONNECTORS
 - REGO (ACME) STYLE (SECTION N/A)
 - _____ in good condition, self-seal not collapsed
 - _____ mates to tank valves & manifolds with no leaks
 - _____ lubricated with spray silicone
 - _____ High Flow Fittings Present on Stratus Triple w/Cross Flow
 - TEMA (SECTION N/A)
 - _____ in good condition, self seal not collapsed



- _____ mates to tank valves & manifolds with no leaks
- _____ O-rings not damaged
- _____ lubricated with spray silicone

Q. VAPOR HOSE (REPLACE AFTER 10 YEARS IN SERVICE)----- (SECTION N/A)

- _____ no cuts
- _____ no abrasions
- _____ acceptable cracking per Section 6.9
- _____ no bulging or swelling
- _____ RECORD the date: See Appendix Y for proper identification:

Single & Double: Left _____ Right _____ (N/A)

Triple : Left _____ Right _____ Center _____ (N/A)

Quad: Left (1) _____ Left (2) _____ Right (1) _____ Right (2) _____ (N/A)

R. LEAK TEST

- _____ leak test all valves, fittings & connections

S. FUNCTIONAL TEST

- _____ burner tested, 10 activations each valve with each tank
- _____ pilot light/piezo igniter tested, 4 activations

IX. INSTRUMENTS (SECTION N/A)

A. BALL 655 & M55 (SECTION N/A)

- _____ temperature readout checked @ boiling and ambient temp. (+/- 5°)
- _____ variometer zeroing correct
- _____ altimeter reads correct altitude
- _____ new batteries installed

B. THERMISTOR CABLE: ENVELOPE (SECTION N/A)

- _____ cable has positive continuity
- _____ cable undamaged
- _____ cable connectors undamaged

C. THERMISTOR CABLE: BASKET (SECTION N/A)

- _____ cable has positive continuity
- _____ cable undamaged
- _____ cable connectors undamaged

D. BALL M59 - M53 & M57 (SECTION N/A)

- _____ temperature readout checked @ boiling and ambient temp. (+/- 5°)
- _____ variometer zeroing correct
- _____ altimeter reads correct altitude
- _____ new batteries installed in transmitter & receiver

E. FLYTEC & TT34..... (SECTION N/A)

- _____ Liquid Crystal Display (LCD) undamaged (ONLY singles display column may be damaged)
Contact the Cameron Balloons Factory for Guidance
- _____ temperature readout checked @ boiling and ambient temp. (+/- 5°)
- _____ variometer zeroing correct
- _____ altimeter reads correct altitude
- _____ new batteries installed in transmitter & receiver



F. OTHER THAN ABOVE(SECTION N/A)

- _____ temperature readout checked @ boiling and ambient temp. (+/- 5°)
- _____ variometer zero's
- _____ altimeter reads correct altitude
- _____ altimeter arm movement free
- _____ new thermistor battery(s) installed
- _____ new variometer battery(s) installed



X. BASKET..... (SECTION N/A)

A. IDENTIFICATION PLATE

- _____ present
- _____ in good condition
- _____ mounting secure

B. OUTSIDE SKIDS & BOLTS – WOVEN & SOLID FLOOR

- _____ in good condition
- _____ bolts tight

C. SAFARI SKIDS & BOLTS (SECTION N/A)

- _____ in good condition
- _____ bolts tight
- _____ lacing in good condition

D. INSIDE SKIDS & NUTS - WOVEN FLOOR

- _____ in good condition
- _____ bolts not protruding above top surface – (Basket serial numbers 7000 & up ONLY)
- _____ bolts not conflicting with tank bottoms

E. CABLES

- _____ cables undamaged
- _____ thimbles in good condition
- _____ compression sleeves in good condition
- _____ heat shrink tubing in good condition
- _____ vinyl covering is in good condition

F. CABLE EXTENSIONS.....(SECTION N/A)

- _____ cables undamaged
- _____ thimbles in good condition
- _____ compression sleeves in good condition
- _____ heat shrink tubing in good condition
- _____ vinyl covering in good condition
- _____ snap link in good condition & functioning properly

G. CARABINERS - QUANTITY_____(SECTION N/A)

- _____ minimal corrosion or rust
- _____ locking gates and collars functional

H. ALUMINUM "U" TUBES-WOVEN FLOOR ONLY(SECTION N/A)

- _____ shape correct - not severely bent (see Section 7.8)
- _____ no breaks (Section 7.8)

I. BASKET FRAMES (STAINLESS STEEL)(SECTION N/A)

WOVEN FLOOR BASKET: FLAT TOP OPEN – T-PARTITION – TT-PARTITION

UPPER FRAME:

- _____ shape correct - not severely bent
- _____ no breaks
- _____ upper frame securely attached to walls

SOLID FLOOR BASKET: FLAT TOP OPEN – T-PARTITION – TT-PARTITION

UPPER & LOWER FRAME(SECTION N/A)

- _____ shape correct - not severely bent



- _____ no breaks
- _____ upper & lower frames securely attached to walls
- J. SOLID FLOOR BASKET - FLOOR**(SECTION N/A)
 - _____ no un-repaired cracks (see Appendix J for Allowable Damage)
 - _____ anti-slip strips in good condition
 - _____ lacing in good condition
- K. CROSS BRACING**(SECTION N/A)
 - _____ straps in good condition
 - _____ turnbuckles not damaged & functional
 - _____ snap links not damaged & functional
- L. BALL INSTRUMENT MOUNTING BRACKET**(SECTION N/A)
 - _____ in good condition
 - _____ securely mounted
 - _____ mounting screws present and tight
- M. FIRE EXTINGUISHER**
 - _____ gauge reads in fully charged zone
 - _____ no evidence of powder in outlet tube
 - _____ bracket or pouch secure and functional
- N. FLEXI POLES & COVERS**(SECTION N/A)
 - _____ flexi poles intact
 - _____ zippers or velcro functioning on covers (Non-Airworthiness Item)
- O. RATTAN**
 - _____ no broken "broomsticks" in floor
 - _____ floor weave not worn away under "U" tubes or lower frame
 - _____ floor weave in good condition
 - _____ number of broken uprights acceptable
 - _____ horizontal weave in good condition
 - _____ horizontal weave at belt holes intact and secure
 - _____ belt hole reinforcements intact (SN 8800 & above)
- P. TANK BELTS** _____ **PRESENT: QUANTITY** _____
 - minimum required
 - Q = 4 for single & double burner
 - Q = 6 for triple
 - Q = 8 for quad
 - _____ in good condition
 - _____ buckles fully functional
 - _____ belts installed per Appendix Q of Instructions for Continued Airworthiness
 - _____ velcro present (new style belts ONLY)
- Q. DOCUMENT DISPLAY CASE**
 - _____ in good condition & attachment secure
- R. DROP LINE (OPTIONAL) (NON-AIRWORTHINESS ITEM)**..... (SECTION N/A)
 - _____ line & shackles (if present) in good condition
- S. CUSHION FLOOR (OPTIONAL) (NON-AIRWORTHINESS ITEM)**(SECTION N/A)
 - _____ in good condition
- T. WALL CUSHIONS (OPTIONAL) (NON-AIRWORTHINESS ITEM)** (SECTION N/A)



- _____ in good condition
- U. MANIFOLD(S) (OPTIONAL)(SECTION N/A)**
- _____ correctly installed in the basket
- _____ (REPLACE HOSES AFTER 10 YEARS IN SERVICE)
- _____ hoses in good condition, cracking & cuts within tolerances
- _____ record the date etched on the end of the hose or date on the rubber section:

Open Basket:

Double Hose: Left _____ Right _____ (N/A)

Triple Hose: Top _____ Center _____ Bottom _____ (N/A)

Single T & Double T:

Double Hose: Top _____ Bottom _____ (N/A)

Triple Hose: Top _____ Center _____ Bottom _____ (N/A)

REGO STYLE FITTINGS(SECTION N/A)

- _____ Male & Female fittings undamaged
- _____ Male & Female fittings self seals functioning & NO LEAKS
- _____ Male fitting O-ring & washer undamaged
- _____ All fuel fittings lubricated with silicone spray

TEMA FITTINGS(SECTION N/A)

- _____ Male nipple & Female couplers undamaged
- _____ Male nipple & Female couplers self seals functioning & NO LEAKS
- _____ female coupler O-rings undamaged
- _____ All fuel fittings lubricated with silicone spray

V. EASY ACCESS DOOR(SECTION N/A)

- _____ shape correct - not severely bent
- _____ no breaks in door frame
- _____ door hinges securely attached to door frame
- _____ frame hinges securely attached to upper & lower frames
- _____ number of broken uprights acceptable
- _____ horizontal weave in good condition
- _____ basket frame end-stops in good condition
- _____ door frame end-stops in good condition
- _____ door latch in good condition
- _____ door frame end-stops in good condition
- _____ bolster padding present & in good condition
- _____ lower frame location holes in good condition
- _____ warning label present

W. PILOT RESTRAINT HARNESS (OPTIONAL) (NON-AIRWORTHINESS ITEM)(SECTION N/A)

- _____ Pilot Waist Belt Present
- _____ Pilot Waist Belt Buckle & Hardware Undamaged & Fully Operational
- _____ Pilot to Basket Restraining Strap Present
- _____ Pilot to Basket Restraining Strap & Hardware Undamaged
- _____ Basket Anchor Strap & Hardware Present & Undamaged
- _____ Stowage Bag Present & (Optionally Attached to Basket)



XI. FUEL TANKS.....(SECTION N/A)

#1 S/N _____ #2 S/N _____ #3 S/N _____
 #4 S/N _____ #5 S/N _____ #6 S/N _____

A. MASTER & STANDARD FUEL TANKS

#1	#2	#3	#4	#5	#6	
_____	_____	_____	_____	_____	_____	A. liquid fuel flow checked with tank upright
_____	_____	_____	_____	_____	_____	B. liquid fuel flow checked with tank inverted
_____	_____	_____	_____	_____	_____	C. liquid valve handle tight
_____	_____	_____	_____	_____	_____	D. Rego style liquid valve outlet O-ring & rubber washer not damaged (N/A Tema)
_____	_____	_____	_____	_____	_____	E. liquid valve outlet self-seal not leaking
_____	_____	_____	_____	_____	_____	F. liquid valve bonnet stem or Worcester handle stem not leaking
_____	_____	_____	_____	_____	_____	G. QSO housing bolts (4 off) tight
_____	_____	_____	_____	_____	_____	H. liquid valve protective cap in good condition
_____	_____	_____	_____	_____	_____	I. pressure relief valve # F320 clean, not corroded & covered (replace Part # F320_ PRV every 10 yrs. in service. Not Applicable to Part # F614 UNLESS plastic dust cap is dislodged or missing)
_____	_____	_____	_____	_____	_____	J. fixed liquid level (10%) gauge operation checked
_____	_____	_____	_____	_____	_____	K. fuel quantity gauge function checked
_____	_____	_____	_____	_____	_____	L. fuel quantity gauge screws tight
_____	_____	_____	_____	_____	_____	M. all valves & gauges checked for leaks
_____	_____	_____	_____	_____	_____	N. tank body free of dents
_____	_____	_____	_____	_____	_____	O. tank welds in good condition
_____	_____	_____	_____	_____	_____	P. tank covers (optional) in good condition
_____	_____	_____	_____	_____	_____	Q. heat tapes installed correctly & in good condition
_____	_____	_____	_____	_____	_____	R. vinyl collar edge protectors present (CBUS1050 & CBUS1060 only)
_____	_____	_____	_____	_____	_____	S. Re-certification status checked (12 yr. from original test and every 5 yr. thereafter for visual inspections)

B. MASTER FUEL TANKS ONLY..... (SECTION N/A)

#1	#2	#3	#4	#5	#6	
_____	_____	_____	_____	_____	_____	A. vapor valve handle tight
_____	_____	_____	_____	_____	_____	B. vapor valve, regulator & quick release checked for leaks
_____	_____	_____	_____	_____	_____	C. vapor quick release function checked
_____	_____	_____	_____	_____	_____	D. vapor regulator function checked at extremes



XII. MISCELLANEOUS

- A. **STRIKERS OR OTHER FLAME SOURCES (REQUIRED EQUIPMENT)**
 _____ present (2 minimum) & functional _____ not present
- B. **HELMETS (REQUIRED EQUIPMENT FOR MOST MODELS-SEE FLIGHT MANUAL PG. 6-2)**
 _____ present _____ not present
- C. **LEATHER GLOVES FOR PILOT (REQUIRED EQUIPMENT)**
 _____ present _____ not present
- D. **INFLATION HARNESS (OPTIONAL)(SECTION N/A)**
 _____ burner frame strap undamaged
 _____ shackle undamaged, unworn, and fully functional
 _____ tie-down rope undamaged and unworn
 _____ Stainless Steel Ring undamaged ('Y' & 'W' Configurations Only)
 _____ carabiner(s) in good condition, gate and locking collar fully functional

XIII. DOCUMENTS

- A. **LOG BOOK**
 _____ component part numbers & serial numbers match aircraft flight manual
 _____ temperature labels readings (LT 3 and crown patch) entered
 _____ this inspection with all repairs/alterations correctly entered
- B. _____ **FLIGHT MANUAL: PRESENT AND CORRECT FOR THIS MODEL**
- C. _____ **AIRWORTHINESS CERTIFICATE: PRESENT, PROMINENTLY DISPLAYED**
- D. _____ **REGISTRATION CERTIFICATE: PRESENT, VALID & NOT EXPIRED**
- E. **AIRWORTHINESS DIRECTIVE COMPLIED WITH:**
 _____ **AD 2013-03-10 N/A** _____
- F. **SERVICE BULLETINS COMPLIED WITH (SEE APPENDIX C)**
 1 ___ n/a___, Blistering of Fuel Manifold Hose Outer Cover, Delivered Between 03-26-86 to 05-13-86
 2 ___ n/a___, Incorrect Positioning of Mouth Tapes, Envelopes Built Between 03-31-86 & 06-10-86
 3 ___ n/a___, Incorrectly Assembled Hose End Connectors, Delivered Between 10-86 to 02-87
 4 ___ n/a___, Incorrectly Spliced Inflation Harness Ropes, Delivered Between 01-87 to 03-88
 5 ___ n/a___, Cracking of Weld on Gimbal Block Frame Triple Burner Mount Bracket, Issued 2005
 6 ___ n/a___, Muller Liquid Valve, Dated 12/05 to 08/06, Self Seal Replacement, Issued 2008
 7 ___ n/a___, Reinforcing Horizontal Free Tapes in Turning Vents, Models O, A, V & Z, Issued 2008
 8 ___ n/a___, Triple & Quad Gimbal Block Burner Frame, Weld Inspection, Issued 01-01-09
 9 ___ n/a___, Inspect the Vapor Pilot Light Hose Male Quick Connect Fitting for cracking, Issued 05-12-09
 10___ n/a___, Quick Shut-off Valve Flange – inspect for identification and tightness. Issued: Sep 22, 2021
 11___ n/a___, Pressure Relief Valve Adaptor – inspect for identification and cracking. Issue June, 01, 2025
- G. **SERVICE LETTERS COMPLIED WITH**
 1___ n/a___ Viva Parachute Rigging, Issued 1990
 2___ n/a___ SmartVent™ Activation Line Modifications (*Not EasyVent I or II*), Issued 1996
 3___ n/a___ Improve Parachute Seal in Concept Models (C-60, C-80 & C-100), Issued 2009
- H. **MAINTENANCE RELEASE TAGS (COMPONENT(S) ONLY).....(SECTION N/A)**
 _____ correctly filled out for each component



NOTES OF DAMAGE: CONCEPT SERIES ENVELOPES

