

PRIVATE SPECIFICATION

Prepared for the



SOUTH AFRICAN AIRWAYS

A STAR ALLIANCE MEMBER 

FDC FLIGHT DECK BAG



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Document Number: SAA2016
Version 01.0/April 2014

1. Scope

This specification covers the material and make of flight deck bags for members of the South African Airways Flight Deck Crew.

NOTE: Each bag shall carry a 5-year warranty (see section 13).

2. Definitions and Abbreviations

For the purpose of this specification the following definitions shall apply:

Acceptable:	Acceptable to the South African Airways
Nominal:	Subject to the tolerances normal to good manufacturing practice
SANS:	South African National Standard

3. Style

The style is as follows:

- ◆ body to have rounded corners
- ◆ top closure flap that shall fasten with a slide fastener
- ◆ face side of closure flap to be fitted with the following
 - a 3-dial combination lock with slots for pullers of slide fastener
 - a carrying handle
 - a name plaque
- ◆ underside of closure flap to be fitted with a lining pocket
- ◆ extendable aluminium telescopic handle, with various locking positions attached to the rear panel of the bag
- ◆ two in-line wheels and two balancing feet at the base of the bag
- ◆ fully lined interior
- ◆ interior to consist of a single main compartment
 - fitted with a notebook pouch at the back
 - fitted with a document pouch at the front
- ◆ two external side pockets that fasten with slide fasteners
- ◆ one external front pocket that shall fasten with a slide fastener
 - fitted with several organizer pockets and pen slots on inside of front pocket
 - fitted with either a moulded badge or an embroidered SAA tail emblem
 - fitted with an additional inset pocket below the main pocket opening
- ◆ each exterior opening shall be fitted with a 3-dial combination lock

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4. Digital images

Digital images depict certain elements of a typical example of an acceptable product. The following images do not incorporate all the design elements required by the SAA, but shall be fully discussed in section 9 of this specification.



Figure 1 – Example of typical front view



Figure 2 – Example of typical rear view

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Figure 3 – Example of typical bottom view



Figure 4 – Example of typical top view

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Figure 5 – Example of typical side view



Figure 6 – Examples of telescopic handles

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5. Client Furnished Materials

No materials will be supplied by the South African Airways.

6. Component Materials

The following materials shall be supplied and used by the manufacturer. Trim charts shall also be submitted by the manufacturer (see Annex A).

NOTE: All components listed below shall be manufactured in the Republic of South Africa. In instances where the raw material and/or finished components are not available in the Republic of South Africa, the onus shall be on the bidder to apply for exemption certificates from DTI. Exemption certificates, where relevant, shall be submitted together with each bid.

6.1 Outer material

- ◆ to comply with the requirements for type C245 of SANS 1585 “Coated fabrics for shelters and rainwear” with the following deviation: mass to be 210 g/m² (minimum)
- ◆ colour to be black

6.2 Exterior component materials

6.2.1 Moulded components

- ◆ a suitable plastics material that can withstand excessive abrasion without losing its integrity or appearance
- ◆ mouldings to be black
 - telescopic handle recess
 - wheel housings
 - balancing feet
 - scuff plates

6.2.2 Wheels

- ◆ industrial, heavy duty type
- ◆ 2-wheel glider system
- ◆ black
- ◆ to be smooth
- ◆ diameter of wheels to be such as to be fit for purpose
- ◆ to be such that it has sliding covers (see figure 3)

6.2.3 Combination locks

- ◆ acceptable 3-dial combination locks
- ◆ lock for main opening flap: permanently attached lock that incorporates two slots that will accommodate the pullers of the slide fasteners to ensure a secure locking system
- ◆ locks for all other openings: detachable standard 3-dial combination locks
- ◆ colour to be black

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6.2.4 Name plaque

- ◆ acceptable metal alloy with a matt appearance (NOT nickel plated)
- ◆ such that the engraved information is easy to read
- ◆ of nominal thickness 1, 2 mm
- ◆ rectangular with rounded corners
- ◆ engraved
 - to correspond with the information as given in paragraph 9.2.1.1
 - engraving shall be centrally positioned on the plaque
 - nominal depth of engraving shall be 0.5 mm
 - engraved letters and numbers shall be colour-filled with BLUE PAINT
 - the paint shall be confined to the engraved letters and numbers
 - the colour-filled sections shall be free from bubbles, spots, inclusions and cracks
- ◆ font type shall be: Trade Gothic (BOLD)
- ◆ letters to be equidistantly spaced
- ◆ the name plate shall contain the following information:
 - Initials and surname of the staff member
 - Pension number of staff member
- ◆ nominal outside diameter of plaque to be:
 - Length: 80 mm
 - Width: 40 mm



NOTE 1: *If initials and surname are longer than the specified length of the plaque, the font size may be reduced AND/OR the initials may be positioned at the top, followed by the surname directly below.*

NOTE 2: *The Trade Gothic font family is available for purchase online. The successful bidder shall purchase a licensed copy of the relevant font.*

NOTE 3: *Attachment of name plate shall not affect the warranty in any way.*

6.2.5 Shaft of telescopic handle

- ◆ be of superior grade aluminium
- ◆ have a minimum of two locking positions (see section 10)
- ◆ finish to be as agreed upon between the SAA and the successful bidder

6.2.6 Screw and washers, pop rivets

- ◆ all screws, washers and pop rivets shall be of appropriate size for the function used to allow neat connections and fixtures of components
- ◆ all of the above mentioned to be treated with a metallic coating to inhibit rust (if applicable)

6.2.7 Scuff resistant binding/reinforcement strips

- ◆ acceptable material that is capable of withstanding excessive abrasion throughout the expected life cycle of the bag without losing its integrity or appearance (industrial quality)

6.2.8 Slide fasteners (exterior zips)

- ◆ typical examples of suitable products are supplied by YKK¹
- ◆ to comply with the requirements for Class E slide fasteners of SANS 1822 (Type 10 in commercial terms)
- ◆ two-way closed end
- ◆ all pullers to be the same colour
- ◆ stringers and teeth to be black
- ◆ nylon coil, self-repairing

¹ This information is given for the convenience of users of this private specification and does not constitute an endorsement by SAA of any products supplied by YKK. Equivalent products may be used if they can be shown to lead to the same results.

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- ◆ main opening flap: pullers to be long enough to acceptably fit into the slots of the permanently attached 3-dial combination lock
- ◆ all other exterior zips: to have kissing pullers that will enable 3-dial combination locks to be attached to it
- ◆ pullers to be of such design to facilitate easy opening (e.g. grip enhancement, length of puller)

6.3 Interior component materials

6.3.1 Lining fabric

- ◆ an acceptable woven polyester or nylon fabric
- ◆ have a minimum breaking strength of 520 N in both the warp and weft when tested in accordance with SANS 13934-1
- ◆ colour to be an acceptable grey colour (contrast colour to outer material)

6.3.2 Elastic webbing

- ◆ to comply with the requirements for type 1 of SANS 142
- ◆ of nominal width 25 mm and 38 mm
- ◆ an acceptable match to the colour of the lining (or black)

6.3.3 Slide fasteners (interior zips)

- ◆ typical examples of suitable products are supplied by YKK²
- ◆ to comply with the requirements for Class B or C slide fasteners of SANS 1822 (Type 5 in commercial terms)
- ◆ two-way closed end
- ◆ slide fasteners that attach the lining to the bag shall match the colour of the lining
- ◆ slide fasteners that shall be inserted into interior pocket mouth openings shall match the colour of the lining OR may be black
- ◆ nylon coil self-repairing
- ◆ pullers to be of such design to facilitate easy opening (e.g. grip enhancement, length of puller)

6.3.4 Touch and close fastener

- ◆ to comply with the requirements of SANS 1823
- ◆ colour to be black
- ◆ supplied in following widths: 25 mm and 38 mm

6.3.5 Reinforcement sheeting

- ◆ acceptable polyethylene stiffener sheeting
- ◆ of nominal thickness 2 mm
- ◆ not to become brittle during use
- ◆ not to crack when folded onto itself

² This information is given for the convenience of users of this private specification and does not constitute an endorsement by SAA of any products supplied by YKK. Equivalent products may be used if they can be shown to lead to the same results.

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6.3.6 High density foam

- ◆ acceptable high density foam of nominal thickness 3 mm
- ◆ not to crack when folded onto itself
- ◆ of such density as to support the panels of the bag for the full warranty period

6.3.7 Woven tape

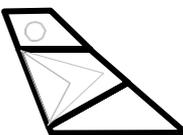
- ◆ an acceptable synthetic tape of a colour that is an acceptable match to the colour of the lining (or black)
- ◆ of nominal width 20 mm and 25 mm respectively

6.3.8 Embroidery thread

NOTE: This component is only applicable if SAA Tail logo is embroidered.

- ◆ acceptable 100% Viscose machine embroidery thread
- ◆ colour to be as given in table 1

Table 1 – Colour breakdown of SAA tail logo

  Pantone 348c “SAA green”	  Pantone 123c “SAA Yellow Gold”
  Pantone Black	  Matt Silver (as agreed upon between SAA and the supplier)
  Pantone 662c “SAA Blue”	  Pantone 1795c “SAA Red”

6.3.9 Key tab ensemble

- ◆ to consist of a corrosion resistant metal swivel snap hook that is permanently attached to a leather strap of nominal width 20 mm
- ◆ leather strap to be detachable (to fasten by means of a press stud)
- ◆ complete ensemble to be such that it can neatly accommodate several keys
- ◆ an example of a complete ensemble is given in figure 7



Figure 7 – Key tab ensemble

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6.3.10 Sewing threads

- ◆ to comply with relevant requirements of SANS 1362 “Sewing threads”
- ◆ colour to an acceptable match to the colour of the component with which it is used
- ◆ continuous filament polyester

Sewing thread:

- ◆ ticket No. 36

7. Workmanship

The bags shall be:

- ◆ assembled from high quality components and made with first-class workmanship throughout
- ◆ of uniform and acceptable make, colour and finish

Shall be free from:

- ◆ defects, that affect their appearance or may affect their serviceability (or both)
- ◆ marks or scratches
- ◆ spots or stains, incurred in the making-up
- ◆ sharp mould lines or edges.

Seams and stitches shall be:

- ◆ smooth and uniform
- ◆ free from twists, pleats and puckers
- ◆ sufficiently extensible to avoid seam cracking and undue shrinkage in use

Ends of sewing shall be:

- ◆ trimmed and loose threads removed
- ◆ back-tacked if unsecured

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8. Sizes and dimensions

- ◆ the bag shall be supplied in one size only and of dimensions as given below:



9. Construction

Digital images are for guidance only, and unless inconsistent with the text, all measurements are nominal.

9.1 General

The exterior:

- ◆ consist of:
 - a front panel
 - rear panel (base to be cut as a continuation of the rear panel)
 - two side panels
- ◆ to have rounded outer edges
- ◆ body to be sturdy
- ◆ all edges of body panels shall be finished with reinforcement strips shall be attached at all relevant stress points

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- ◆ the supplier's name or trademark shall **not** appear on the exterior of the bag
 - the supplier's name or trademark may be discreetly applied in a monotone colour on the inside of the bag at a position as agreed upon between the South African Airways and the supplier

The interior:

- ◆ fully lined with lining
- ◆ to have one main compartment with a document and notebook pouch
- ◆ front pocket to be fitted with additional organizer pockets

9.2 Exterior

9.2.1 Front panel

- ◆ of outer material
- ◆ be backed with reinforcement sheeting (see 6.3.5) and high density foam (see 6.3.6)
- ◆ to incorporate the main opening flap
- ◆ to incorporate a front exterior pocket
- ◆ panels to be shaped



Figure 8 – Top view, depicting the main opening flap



Figure 9 – Example of alternative carrying strap

9.2.1.1 Main opening flap

- ◆ to be of outer material
- ◆ be backed with reinforcement sheeting (see 6.3.5) and high density foam (see 6.3.6)
- ◆ outer edge of flap to be fitted with a slide fastener (see 6.2.8 and figure 8)
- ◆ fitted with a name plaque

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- name plate to be affixed to the reinforcement sheet and an additional backing plate/ PE sheet to ensure that the attachment of the plaque shall not weaken or jeopardize the integrity of the bag in any way
- the name plaque shall:
 - comply with the information given in 6.2.4
 - be securely attached to the bag by means of rivets or screws and washers
 - positioning of plaque to be as agreed upon between SAA and the successful supplier (the positioning shall depend on the type of carrying handle used, and may be repositioned should there not be enough space to position in centrally on the flap)
- ◆ fitted with a carrying handle
 - different carrying handles will be considered (suitable examples are given in figures 8 and 9)
 - if a moulded carrying handle is used, it shall be affixed to the reinforcement sheet and an additional backing plate/ PE sheet to ensure that the attachment of the handle shall not weaken or jeopardize the integrity of the bag in any way
 - of such strength that it will withstand the weight of a fully packed bag for the full cycle without tearing
 - shall afford a comfortable grip
- ◆ fitted with a centrally positioned permanently affixed combination lock with slots for pullers (see figure 8 and 6.2.3)
- ◆ fully lined with lining (see 9.3.2)



Figure 10 – Front pocket

9.2.1.2 Front exterior pocket (see figure 10)

- ◆ to be of outer material
- ◆ front pocket flap to be backed with high density foam (see 6.3.6)
- ◆ mouth opening of pocket to be fitted with a slide fastener with kissing pullers that shall be fitted with a 3-dial combination lock
- ◆ be fully lined with lining (see 9.3.3)
- ◆ fitted with an inset pocket
 - mouth opening to be fitted with a horizontal slide fastener with kissing pullers that shall be fitted with a 3-dial combination lock
 - slide fastener to extend from 20 mm from either side of the front pocket flap
 - top edge of slide fastener to be position approximately 40 mm below the front exterior pocket flap opening
 - pocket bag to be of double folded lining
 - pocket bags to be of nominal finished depth 14 cm
- ◆ fitted with the SAA tail emblem
 - to be embroidered with embroidery thread OR be a moulded badge
 - centrally positioned below the inset pocket mouth opening
 - to comply with the registered full-colour tail logo of the South African Airways
 - top edge of tail to be positioned approximately 30 mm below the slide fastener of the inset pocket

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- tail to be of nominal height 20 mm
- If a moulded badge is used:
 - to have a black background
 - have an oval shape
 - outer dimensions as follows: 25 mm (h) x 50 mm (l)

9.2.2 Rear and base panel

- ◆ of outer material
- ◆ be backed with reinforcement sheeting (see 6.3.5) and high density foam (see 6.3.6)
- ◆ to be cut in such a way that it shall extend onto the top of the bag
- ◆ may be cut in such a way that it shall incorporate the base panel
- ◆ be fitted with scuff plates to prevent damage to the outer material which shall be securely riveted to the body of the bag
- ◆ two wheels shall be so attached that the sideways movement (wobble of the wheel) shall not be more than 1 mm when measured at any point on the wheel extremity
- ◆ the wheels shall be attached to the base, towards the rear of the bag and recessed to the functional maximum
 - wheels to be positioned and recessed in such a way that it adds the minimum to the outer dimensions of the bag
 - care shall be taken that when the bag is pulled by the handle, the base is an appropriate distance from the ground (does not touch the ground that might cause damage to the outer material)
 - wheels to comply with the endurance requirements as given in section 10
- ◆ the base of the bag shall be fitted with two balancing feet (and may include an additional centre bar) which shall enable the bag to stand upright when it is not supported by a person
 - to be so positioned that it will enable the bag to stand upright when not supported by a person AND such that it will never tilt forward when either fully loaded or empty
- ◆ to incorporate an acceptable telescopic handle
 - the telescopic trolley handle shall protrude from the top and fully recessed when not in use
 - telescopic handle to be sturdy and attached in such a way as to withstand excessive force during use
 - the shaft shall comply with the requirements as given in 6.2.5 and section 10
 - the length of the arm shall comply with the requirements as given in section 10



Figure 11 – Examples of typical rear and base panels

9.2.3 Side panels

- ◆ to be of outer material
- ◆ be backed with reinforcement sheeting (see 6.3.5) and high density foam (see 6.3.6)
- ◆ each side panel to be fitted with a pocket
 - pocket to be of outer material
 - face panel and side panels of pocket to be reinforced with high density foam, and lined with lining
 - to be fitted with piping (outer material piping with centre cord) around the circumference of the face panel of the pocket
 - pocket to have side panels of nominal depth 40 mm (measured from where it is attached to the bag to the

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- piping seam of the face panel)
- centrally positioned in the width and depth of the side panel
- pocket of nominal depth 23 cm
- top edge to be fitted with a slide fastener with kissing pullers that shall be fitted with a 3-dial combination lock
- slide fastener to be of nominal finished length 33 cm
- to have rounded corners



Figure 12 – Examples of typical side panels

9.3 Interior

- ◆ to be fully lined with lining
 - to conform to the shape of the inside of the bag and no folds in the lining shall be permitted
 - the seams where the lining is attached to the body of the bag shall be bound with binding tape (where possible)
 - lining seams shall be acceptably reinforced

9.3.1 Main compartment interior (see figure 13)

- ◆ to be fully lined with lining
- ◆ top edges of the main compartment shall be fitted with 25 mm male touch and closed fastener that shall attach to female touch and close fastener that is permanently affixed to the inner body of the bag
- ◆ front inner wall of main compartment and rear inner wall of main compartment to be interlined with high density foam
- ◆ front inner wall of main compartment to be fitted with a document pouch
 - of doubled lining
 - interlined with a flexible plastics sheeting
 - sides and base of pouch to incorporate panels of nominal width 45 mm
 - to extend along the maximum width (side to side) of the inner compartment
- ◆ rear inner wall of main compartment to be fitted with a notebook pouch
 - of doubled lining
 - interlined with high density foam
 - top edge to be bound with binding (either outer material or webbing tape)
 - sides and base of pouch to incorporate panels of nominal width 45 mm
 - to extend along the maximum width (side to side) of the inner compartment
 - front edge of pouch to be fitted with a patch of male touch and close fastener
 - of nominal dimensions: 45 mm x 38 mm
 - sewn along all four edges

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- centrally positioned directly below the mouth opening
- fitted with a length of elastic webbing that shall serve as a fastening strap
 - of nominal finished width 38 mm
 - of nominal finished length 15 cm
 - appropriately positioned to be fit for purpose
 - one outer end to be folded in and box-tacked to the rear wall of the main compartment
 - the other outer free edge to be folded in and fitted with a patch of female touch and close fastener
 - ⇒ touch and close fastener to be of dimensions: 38 mm x 65 mm
 - ⇒ touch and close fastener to be attached along all four edges



NOTE: Notebook pouch to be positioned at the back of the compartment.

Figure 13 – Interior, main compartment

9.3.2 Main opening flap interior (see figure 13)

- ◆ to be fully lined with doubled lining, consequently forming a pocket bag
- ◆ fitted with a horizontal pocket mouth opening
 - pocket mouth to be fitted with a slide fastener that shall extend from 20 mm from either side of the flap edges
 - mouth opening to be positioned approximately 30 mm below the flap edge
- ◆ bottom edges to be fitted with 25 mm female touch and closed fastener that shall attach to male touch and close fastener that is sewn to the main compartment rear wall
- ◆ top and side edges to be fitted with a slide fastener that shall provide access for the attachment of the name plaque

9.3.3 Front pocket interior

- ◆ to be fitted with an organizer to make provision for the components as given in 9.3.2 (a) and (c)
- ◆ to have a gusset of lining on each side

a) Main organizer pouch (see figure 14)

- ◆ mouth opening to be horizontal and to extend along the full length of the front pocket
- ◆ be of doubled lining, interlined with high density foam

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- ◆ the side that will be fitted with additional pockets will be reinforced with a layer of outer material or acceptable interlining (on inside)
- ◆ top edge to incorporate a tunnel that will be fitted with a length of elastic webbing that will be securely sewn in with the side edges of the front panel



Figure 14 – Front pocket interior

b) Patch pockets with bellow bottoms (see figures 14 and 15)

- ◆ three pockets to be sewn on top of the main organizer pouch
- ◆ each pocket to be of doubled lining and interlined with high density foam
- ◆ side panels to be of outer material and reinforced with an appropriate material
- ◆ all three pockets to have bellow bottoms and sides of depth 20 mm that shall taper towards the mouth
- ◆ at least two of the pockets shall be fitted with pen slots as given in figure 13
- ◆ the pocket mouths to be sewn to a horizontal continuous length of elastic webbing that shall enable equipment to be inserted
- ◆ side edges of the patch pockets to be reinforced by lengths of tape/webbing sewn on top of the attachment seams
- ◆ of nominal dimensions as given in figures 14 and 15



Figure 15 – Front pocket interior

c) Key tab

- ◆ main pocket flap to be fitted with a key tab ensemble (see 6.3.9 and figure 14)
- ◆ key tab ensemble to be attached to an outer material/webbing loop and ring
- ◆ key tab to be sewn in with the top outer edge of the front pocket flap

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9.3.3 Front inset pocket interior

- ♦ to be as given in 9.2.1.2

9.3.4 Side pocket interior

- ♦ to be as given in 9.2.3

9.4 Pop rivets, screw and other fasteners

- ♦ shall be level with the exterior (NOT stand proud)
- ♦ all moulded plastic components shall be securely attached to the bag in such a way that:
 - where screws, washers, nuts and alternative fasteners are used, they shall be:
 - be countersunk
 - be covered with appropriate substance to prevent them from coming undone

9.5 Information leaflet

Each leaflet to include step-by-step instructions on how the three-dial combination lock can be locked, unlocked and how the combination can be changed.

10. Functionality/ performance

The strength of the bag shall be such that it passes the impact and rough handling test given in 5.5 of SANS 1392:2002, as well as the freezing followed by dropping test given in 5.6 of SANS 1392:2002.

The strength of the bag handle and of its attachment shall be such as to pass the test given in 5.7. of SANS 1392:2002.

The telescopic handle shall be locked when recessed (completely down position).

The telescopic handle shall have a release button to allow the telescopic handle to adjust.

The telescopic handle shall lock at least at two lengths: first locking position to be at 80cm and the second locking position to be in the range 104 cm (minimum) to 107 cm (maximum) when measured in a straight, vertical line from the ground to the top edge of the handle.

All locks shall be able to withstand being open and closed 10 000 times.

Wheels shall be able to withstand the following endurance test:

- ♦ 25 km at 0.5 km/hour with intended load, i.e. 20 kg at 20 mm ramp height
- ♦ after completion, a visual assessment shall be conducted on the wheels treads, wheel alignment and wheel mounting assemblies

12. Labels

Each bag shall be fitted with a label that is permanently secured to the interior (lining fabric).

Each label shall:

- ♦ be a white woven rayon label that is printed
- ♦ comply with SANS 1309 " Printed labels for textiles"
 - information to be in legible and indelible block letters of height at least 3 mm
- ♦ permanently secured and sewn to the lining fabric (interior) on inside

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- ◆ be such that it shall outlast the bag (including the markings)
- ◆ include the following information:
 - the item number
 - the manufacturer's name or trade mark or both
 - the year of manufacture
 - the order number

13. Warranty

Each bag shall carry a 5-year warranty.

The following shall be covered by the warranty:

- ◆ faulty workmanship
- ◆ all working parts
- ◆ handles and wheels
- ◆ slide fasteners (zips)

The warranty excludes the following:

- ◆ damage by a third party
- ◆ abuse by the owner

The warranty shall make provision for the following:

- ◆ damaged components (excluding outer body): repair or component replacement required
- ◆ damaged outer body: new bag to be issued

14. Preparation, marking and packaging

14.1 Packing

The bags shall be:

- ◆ delivered in a commercially dry condition
- ◆ individually packed in plastics envelope
- ◆ individually packed in a sturdy container (cardboard box) in such a way that they will not be damaged in transit or in storage

Cardboard boxes:

Each cardboard box shall have a label securely attached to the outside. This label shall be visible when the boxes are stacked and shall provide the information in legible and indelible markings as follows:

- ◆ the manufacturer's name or trade mark or both
- ◆ the order number or contract number
- ◆ the item description(s)
- ◆ the item number(s)
- ◆ the size
- ◆ the year of manufacture
- ◆ the order number
- ◆ the box number, e.g. "1 of 100"
- ◆ the total mass of the packed container
- ◆ the Inspection Certificate Number

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14.2 Additional marking

When so required by the South African Airways, bags, envelopes or containers (or any combination of these) to bear information additional to that specified above.

15. Normative References

The following documents contain provisions which, through reference in this text, constitute provisions of this specification. All documents are subject to revision and, since any reference to a document is deemed to be a reference to the latest edition of the document, parties to agreements based on this specification are encouraged to take steps to ensure the use of the most recent editions of the documents indicated below. Information on currently valid national, international and CKS documents may be obtained from the South African Bureau of Standards³.

SANS 142, *Narrow elastic fabrics and strip.*

SANS 1309, *Printed labels for textiles.*

SANS 1362, *Sewing threads.*

SANS 1585, *Coated fabrics for shelters and rainwear.*

SANS 1822, *Slide fasteners.*

SANS 1823, *Touch and closed fasteners.*

SANS 1392:2002, *Soft-top suitcases.*

SANS 13934-1, *Textiles - Tensile properties of fabrics Part 1: Determination of maximum force and elongation at maximum force using the strip method.*

³ **SABS: Tel. +27 (0) 12 4287911**
www.sabs.co.za

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ANNEX A
(Normative)
Special conditions of tender

A-1 GENERAL

A-1.1 A SANAS accredited laboratory shall be the inspecting authority and shall conduct all relevant tests.

Five (5) sample pieces shall be submitted together with each tender offer and shall be for the tenderer's account.

Five (5) sample bags shall be requested for pre-production samples of which one shall be exposed to destructive testing.

NOTE 1: All sample pieces shall be submitted with attached name plaques. Name plaques to comply with the information as given in paragraph 6.2.4. Name list to be supplied by SAA".

NOTE 2: SAA shall return all relevant samples to unsuccessful tenderers.

A-1.2 **The above mentioned sample bags shall be accompanied by test reports and certificates of compliance on all components (as well as the confirmation of the composition of the outer material) as issued by a certified registered certification body.**

A-1.3 The samples and relevant compliance certificates shall have been inspected, tested and approved by the inspecting authority before bulk production is commenced. It shall be the duty of the manufacturer to give adequate notice to the inspecting authority of the availability of the samples.

A-1.4 The bags shall be subject to inspection during the course of manufacture. The inspector shall, during normal working hours, be given all reasonable facilities for carrying out his duties and shall have the right of entry into the contractor's factory and the factory or works of any subcontractor where work on bags supplied to this specification may be in progress.

A-1.5 The contractor shall inspect the finished bags for compliance with the specification before submitting them to the inspecting authority for final inspection.

A-1.6 Before acceptance, the bags shall have been inspected and tested by the inspecting authority and found to comply with the requirements of the specification.

A-2 DOCUMENTATION

One container of each consignment shall be marked "DOCUMENTS" and in addition to the bags, shall contain the following:

- a) The packaging slip or delivery note;
- b) where applicable the inspection certificate(s);
- c) a copy of the invoice containing the following information:
 - the order number
 - the financial authority number
 - a full description of the consignment, e.g. quantity, etc

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