

RECOMMENDED

TECH. DOC.

SIRS Navigation: SIRS/SB/01 Rev.04

Mod.: None

No: CE2-A26-34-001

NAVIGATION - STANDBY NAVIGATION SYSTEMS -STANDBY

<u>COMPASS - ELECTRICAL LEAD AND SOCKET ASSEMBLY -</u>

POSSIBLE INSULATION RESISTANCE FAILURE

1.0 Planning Information

A. Effectivity

This Service Bulletin is applicable to the 'Electrical Lead and Socket Assemblies' PNRs CE2-A26, CE2-A26E, CE2-A26L, CE2-A52-2, and CE2-A52-3, known to be installed on aircraft with the Magnetic Standby Compass types listed in table 1.0.



Table 1.0 – Affected Compasses, Aircraft and Replacement Parts

| Magnetic Standby Compass PNR | Affected Part | Replacement Part | Aircraft Manufactured by Not Exhaustive | Aircraft Type |
|------------------------------------|------------------------|--------------------------------------|--|--------------------------------------|
| KCA0104W | | | Beechcraft Corporation (formerly Hawker Beechcraft, Raytheon Aircraft Company, Beech Aircraft Corporation) | Various A/C |
| | | | De-Havilland | Twin Otter |
| KCA0104FY | | | Airbus Helicopters (formerly Eurocopter, Eurocopter -France, Aerospatiale) | Various |
| | | CE2-A26 | Airbus | A300/310, A330/340, A350, A380 |
| | | (marked) | ATR | 42/72. |
| KCA0105W | CE2-A26 (unmarked) | or CE2-A26N | Bombardier | Q400. |
| | | OLZ / IZOI | British Aerospace | Various |
| | | | Dassault | Various |
| | | | Gulfstream | Various |
| | | | Sukhoi Civil Aircraft | SuperJet 100 |
| KCA0106W | | | Fokker Aircraft B.V. – | Various |
| KCA0112W | | | Airbus Helicopters | |
| KCA0113W | | | (formerly Eurocopter, Eurocopter- France, | Various |
| KCA0113FY | | | Aerospatiale) | |
| KCA0114W | | | BAE Systems (Operations) Ltd (formerly British Aerospace) | Various |
| KCA0116W | CE2-A26L (unmarked) | CE2-A26L (marked) or CE2-A26LN | Bell Helicopters Textron, Inc | Various |
| KCA0120W | CE2-A26E (unmarked) | CE2-A26E (marked) or CE2-A26EN | Embraer S.A | Phenom |
| | | | Bombardier (formerly De Havilland Canada, Canadair) | Various |
| | | | Dassault Aviation (formerly Avions Marcel Dassault – Breguet Aviation) | Various |
| WL1001KCA1 | | CE2-A26 | 328 Support Services (formerly Dornier) | Various |
| VVLIUUINGAI | CE2-A26 | (marked) or | RUAG Aerospace Services (formerly Dornier) | Various |
| | (unmarked) | CE2-A26N | Pilatus Aircraft Ltd | Various |
| | | | Beechcraft Corporation (formerly Hawker Beechcraft, Raytheon Aircraft Company, Beech Aircraft Corporation) | Various |
| | | | SAAB | 340 / 2000 |
| 1007KCA1 | | | Airbus Helicopters (formerly Eurocopter, Eurocopter France, Aerospatiale) | Various |

NOTE: N Version leads will not be available until 1st March 2016



Table 2.0 - VISUAL IDENTIFICATION OF LEAD ASSEMBLY TYPES

| Code | Visual Identification | Description | Examination Required |
|-----------|--|--|-------------------------|
| CE2-A26 | | Lead Length supplied = 2.0M | |
| | | Conductor Colours: Black | YES |
| | NO IDENTIFICATION | Lead marked with PNR: No | |
| CE2-A26 | CE2-A26 BATCH # XXXXX - SIRS NAVIGATION LTD | Lead Length supplied = 2.0M | |
| | | Conductor Colours: Black | NO |
| | PNR IDENTIFICATION | Lead marked with PNR: Yes | |
| CE2-A26N | © CE2-A26N BATCH # XXXXX - SIRS NAVIGATION LTD | Lead Length supplied = 2.0M | |
| | | Conductor Colours: Black | NO |
| | PNR IDENTIFICATION | Lead marked with PNR: Yes | |
| CE2-A26L | | Lead Length supplied = 2.0M | |
| | | Conductor Colours: | YES |
| | NO IDENTIFICATION | Red/Black Lead marked with PNR: No | |
| CE2-A26LN | CE2-A26LN BATCH # XXXXX - SIRS NAVIGATION LTD | Lead Length supplied = 2.0M | |
| | | Conductor Colours: Red/Black | NO |
| | PNR IDENTIFICATION | Lead marked with PNR: Yes | |



Table 2.0 Continued - VISUAL IDENTIFICATION OF LEAD ASSEMBLY TYPES

| Code | Visual Identification | Description | Examination Required |
|------------|--|---|-------------------------|
| CE2-A26E | | Lead Length: 0.3M Conductor Colours: Red/Black | YES |
| OLZ NZOL | NO IDENTIFICATION | Lead marked with PNR: No | 120 |
| CE2-A26EN | CE2-A26EN BATCH # XXXXX - SIRS NAVIGATION LTD PNR IDENTIFICATION | Lead Length: 0.3M Conductor Colours: Red/Black Lead marked with PNR: Yes | NO |
| CE2-A52-2 | NO IDENTIFICATION | Lead Length: 2.5M Conductor Colours: Black Lead marked with PNR: No | YES |
| | | (Special Orders Only) | |
| CE2-A52-2N | CE2-A52-2N BATCH # XXXXX - SIRS NAVIGATION LTD PNR IDENTIFICATION | Lead Length: 2.5M Conductor Colours: Black Lead marked with PNR: Yes (Special Orders Only) | NO |
| CE2-A52-3 | NO IDENTIFICATION | Lead Length: 11 FT Conductor Colours: Black Lead marked with PNR: No (Special Orders Only) | YES |
| CE2-A52-3N | CE2-A52-3N BATCH # XXXXX - SIRS NAVIGATION LTD PNR IDENTIFICATION | Lead Length: 11 FT Conductor Colours: Black Lead marked with PNR: Yes (Special Orders Only) | NO |



Table 3.0 – Priority 'Lead Assembly' Replacement List

| SIRS Invoice Ref | SIRS Invoice Date | Part Number | Compass Serial #s | Qty | Lead Type | Aircraft Type | Customer | Customer PO | Customer Type |
|------------------------|-------------------------|----------------|--|-----|--------------|------------------|----------------------------|----------------|------------------|
| 83006 | 14/10/2011 | WL1001KCA1 | BG 582 09 11 | 1 | CE2-A26 | Unknown | 328 Support Services | 4571016118/130 | Manufacturer |
| 83185 | 29/11/2011 | KCA0104W | BG 560 09 11 BG 561 09 11 | 2 | CE2-A26 | Unknown | Airbus Helicopters | K06/69943945 | Manufacturer |
| 83009 | 17/10/2011 | 1007KCA1 | BG 602 10 11 BG 603 10 11 BG 604 10 11 BG 605 10 11 BG 606 10 11 BG 607 10 11 BG 608 10 11 BG 609 10 11 BG 610 10 11 BG 611 10 11 BG 612 10 11 BG 614 10 11 BG 615 10 11 | 14 | CE2-A26 | Unknown | Airbus Helicopters | W01/69914247 | Manufacturer |
| 83089 | 03/11/2011 | 1007KCA1 | BG 616 10 11 BG 617 10 11 BG 618 10 11 BG 619 10 11 BG 620 10 11 BG 621 10 11 BG 622 10 11 BG 623 10 11 BG 624 10 11 BG 625 10 11 BG 626 10 11 | 11 | CE2-A26 | Unknown | Airbus Helicopters | W01/69919828 | Manufacturer |
| 83009 | 17/10/2011 | 1007KCA1 | BG 453 09 11 BG 454 09 11 BG 455 09 11 BG 456 09 11 BG 457 09 11 BG 458 09 11 BG 459 09 11 BG 460 09 11 BG 461 09 11 | 9 | CE2-A26 | Unknown | Airbus Helicopters | W01/69914247 | Manufacturer |
| 82912 | 20/09/2011 | KCA0113W | BG 500 09 11 BG 501 09 11 | 2 | CE2-A26 | Unknown | Airbus Helicopters | W01/69908656 | Manufacturer |
| 82904 | 15/09/2011 | KCA0113W | BG 483 09 11 BG 484 09 11 BG 485 09 11 | 3 | CE2-A26 | Unknown | Airbus Helicopters | W01/69912590 | Manufacturer |
| 83108 | 08/11/2011 | KCA0113W | BG 482 09 11 BG 486 09 11 | 2 | CE2-A26 | Unknown | Airbus Helicopters | W01/69924189 | Manufacturer |
| 83184 | 29/11/2011 | KCA0113W | BG 496 09 11 BG 497 09 11 BG 498 09 11 BG 499 09 11 | 4 | CE2-A26 | Unknown | Airbus Helicopters | W01/69945096 | Manufacturer |



Table 3.0 – Priority 'Lead Assembly' Replacement List – Continued

| SIRS Invoice Ref | SIRS Invoice Date | Part Number | Compass Serial #s | Qty | Lead Type | Aircraft Type | Customer | Customer PO | Customer Type |
|------------------------|-------------------------|----------------|--|-----|--------------|------------------|-------------------------------|----------------|------------------|
| 82953 | 28/09/2011 | 1007KCA1 | BG 522 09 11 BG 523 09 11 BG 524 09 11 BG 525 09 11 BG 526 09 11 BG 527 09 11 BG 528 09 11 BG 528 09 11 BG 530 09 11 BG 531 09 11 BG 533 09 11 BG 533 09 11 BG 535 09 11 BG 536 09 11 BG 537 09 11 BG 538 09 11 BG 538 09 11 BG 538 09 11 BG 538 09 11 BG 539 09 11 BG 539 09 11 BG 539 09 11 BG 540 09 11 BG 541 09 11 | 20 | CE2-A26 | Unknown | Airbus Helicopters | W01/69910676 | Manufacturer |
| 82911 | 20/09/2011 | 1007KCA1 | BG 261 07 11 BG 262 07 11 BG 263 07 11 BG 263 07 11 BG 266 07 11 BG 266 07 11 BG 268 07 11 BG 269 07 11 BG 270 07 11 BG 271 07 11 BG 272 07 11 BG 273 07 11 BG 273 07 11 BG 274 07 11 BG 275 07 11 BG 276 07 11 BG 277 07 11 BG 277 07 11 BG 278 07 11 BG 278 07 11 BG 278 07 11 BG 279 07 11 BG 279 07 11 BG 279 07 11 BG 279 07 11 BG 280 07 11 BG 280 07 11 | 20 | CE2-A26 | Unknown | Airbus Helicopters GmbH | 2U1/3500135484 | Manufacturer |
| 82888 | 13/09/2011 | KCA0105W | BG 472 09 11 BG 473 09 11 BG 474 09 11 BG 475 09 11 BG 476 09 11 BG 477 09 11 BG 478 09 11 BG 480 09 11 BG 481 09 11 | 10 | CE2-A26 | A330/340 | Airbus SAS | FR_0002829377 | Manufacturer |



Table 3.0 – Priority 'Lead Assembly' Replacement List – Continued

| SIRS Invoice Ref | SIRS Invoice Date | Part Number | Compass Serial #s | Qty | Lead Type | Aircraft Type | Customer | Customer PO | Customer Type |
|------------------------|-------------------------|----------------|--|-----|--------------|------------------|---------------------------|---------------|------------------|
| 83015 | 18/10/2011 | KCA0105W | BG 510 09 11 BG 511 09 11 BG 512 09 11 BG 513 09 11 BG 514 09 11 BG 515 09 11 BG 516 09 11 BG 518 09 11 BG 518 09 11 BG 519 09 11 | 10 | CE2-A26 | A330/340 | Airbus SAS | FR_0002857746 | Manufacturer |
| 83064 | 31/10/2011 | KCA0105W | BG 545 09 11 BG 546 09 11 | 2 | CE2-A26 | A380 | Airbus SAS | FR_0002893699 | Manufacturer |
| 83063 | 28/10/2011 | KCA0105W | BG 627 10 11 BG 628 10 11 BG 629 10 11 BG 630 10 11 BG 631 10 11 BG 632 10 11 BG 633 10 11 BG 634 10 11 BG 635 10 11 BG 636 10 11 | 10 | CE2-A26 | A330/340 | Airbus SAS | FR_0002890133 | Manufacturer |
| 83088 | 03/11/2011 | KCA0105W | BG 646 10 11 | 1 | CE2-A26 | A380 | Airbus SAS | FR_0002892196 | Manufacturer |
| 83107 | 08/11/2011 | KCA0105W | BG 678 10 11 | 1 | CE2-A26 | A380 | Airbus SAS | FR_0002869833 | Manufacturer |
| 82966 | 04/10/2011 | KCA0105W | BG 502 09 11 | 1 | CE2-A26 | Unknown | Airinmar Ltd | RO3181382 | Distributor |
| 82999 | 13/10/2011 | KCA0105W | BG 503 09 11 BG 504 09 11 BG 505 09 11 BG 506 09 11 BG 507 09 11 BG 508 09 11 BG 509 09 11 | 7 | CE2-A26 | ATR 42/72 | ATR | 28638080010 | Manufacturer |
| 83066 | 25/10/2011 | KCA0113W | BG 493 09 11 | 1 | CE2-A26 | Unknown | Avant Aerospace | P52908 | Distributor |
| 83013 | 17/10/2011 | WL1001KCA1 | BG 586 09 11 BG 587 09 11 BG 588 09 11 BG 589 09 11 BG 590 09 11 | 5 | CE2-A26 | Unknown | Bombardier Inc | 9000067388 | Manufacturer |
| 83158 | 22/11/2011 | WL1001KCA1 | BG 653 10 11 BG 654 10 11 BG 655 10 11 BG 656 10 11 BG 657 10 11 | 5 | CE2-A26 | Unknown | Bombardier Inc | 9000068773 | Manufacturer |
| 82810 | 24/08/2011 | 1007KCA1 | BG 265 07 11 | 1 | CE2-A26 | Unknown | Bond Aircraft Services | HP13692 | Operator |



Table 3.0 – Priority 'Lead Assembly' Replacement List – Continued

| SIRS Invoice Ref | SIRS Invoice Date | Part Number | Compass Serial #s | Qty | Lead Type | Aircraft Type | Customer | Customer PO | Customer Type |
|------------------------|-------------------------|----------------|--|-----|--------------|------------------|---|-------------|----------------------|
| 83084 | 02/11/2011 | KCA0105W | BG 520 09 11 BG 521 09 11 | 2 | CE2-A26 | Unknown | Dassault Aviation | 90T25267 | Manufacturer |
| 83084 | 02/11/2011 | KCA0105W | BG 637 10 11 BG 638 10 11 BG 63910 11 BG 640 10 11 BG 641 10 11 BG 642 10 11 BG 643 10 11 BG 644 10 11 BG 645 10 11 | 9 | CE2-A26 | Unknown | Dassault Aviation | 90T25267 | Manufacturer |
| 82943 | 26/09/2011 | KCA0113W | BG 487 09 11 | 1 | CE2-A26 | Unknown | E Electronics | 11092301PC | Distributor |
| 82983 | 07/10/2011 | KCA0105W | BG 469 09 11 | 1 | CE2-A26 | Unknown | Emirates | RO2259548 | Operator |
| 83018 | 18/10/2011 | WL1001KCA1 | BG 591 09 11 BG 592 09 11 BG 593 09 11 BG 594 09 11 BG 595 09 11 BG 596 09 11 BG 597 09 11 BG 598 09 11 BG 599 09 11 BG 600 09 11 | 10 | CE2-A26 | Unknown | GE Aviation | 991904 | System Integrator |
| 83182 | 29/11/2011 | WL1001KCA1 | BG 658 10 11 BG 659 10 11 BG 660 10 11 BG 661 10 11 BG 662 10 11 BG 663 10 11 | 6 | CE2-A26 | Unknown | GE Aviation Ltd | 1005000 | System Integrator |
| 83280 | 03/01/2012 | WL1001KCA1 | BG 664 10 11 BG 665 10 11 BG 666 10 11 | 3 | CE2-A26 | Unknown | GE Aviation Ltd | 1005000 | System Integrator |
| 83022 | 19/10/2011 | KCA0104W | BG 552 09 11 BG 553 09 11 | 2 | CE2-A26 | Unknown | Hawker Beechcraft | 4503711597 | Manufacturer |
| 83048 | 26/10/2011 | WL1001KCA1 | BG 647 10 11 BG 648 10 11 | 2 | CE2-A26 | Unknown | Hawker Beechcraft | 4503692503 | Manufacturer |
| 83047 | 26/10/2011 | KCA0104W | BG 556 09 11 BG 557 09 11 BG 558 09 11 BG 559 09 11 | 4 | CE2-A26 | Unknown | JAS Aviation | 49244 | Distributor |
| 83100 | 07/11/2011 | WL1001KCA1 | BG 601 09 11 | 1 | CE2-A26 | Unknown | Learjet Inc | 5000581346 | Manufacturer |
| 83100 | 07/11/2011 | WL1001KCA1 | BG 649 10 11 BG 650 10 11 BG 651 10 11 BG 652 10 11 | 4 | CE2-A26 | Unknown | Learjet Inc | 5000581346 | Manufacturer |
| 82970 | 04/10/2011 | KCA0113W | BG 491 09 11 | 1 | CE2-A26 | Unknown | London Helicopters | 5037231 | Operator |
| 82996 | 12/10/2011 | KCA0105W | BG 470 09 11 | 1 | CE2-A26 | Unknown | Lufthansa | 250788916 | Operator |
| 83039 | 24/10/2011 | KCA0104W | BG 554 09 11 BG 555 09 11 | 2 | CE2-A26 | Unknown | Metro Aircraft Instruments Inc | 12013204 | Distributor |



Table 3.0 – Priority 'Lead Assembly' Replacement List – Continued

| SIRS Invoice Ref | SIRS Invoice Date | Part Number | Compass Serial #s | Qty | Lead Type | Aircraft Type | Customer | Customer PO | Customer Type |
|------------------------|-------------------------|----------------|--|-----|--------------|------------------|-------------------------|-------------|----------------------|
| 83007 | 14/10/2011 | WL1001KCA1 | BG 583 09 11 BG 584 09 11 BG 585 09 11 | 3 | CE2-A26 | Unknown | Pilatus Aircraft Ltd | 4500155954 | Manufacturer |
| 82973 | 05/10/2011 | KCA0105W | BG 467 09 11 BG 468 09 11 | 2 | CE2-A26 | Unknown | Satair | 4500096323 | Distributor |
| 83031 | 20/10/2011 | KCA0105W | BG 471 09 11 | 1 | CE2-A26 | Unknown | Satori | R113232STT | Distributor |
| 83072 | 01/11/2011 | KCA0105W | BG 547 09 11 BG 548 09 11 BG 549 09 11 | 3 | CE2-A26 | Unknown | Saywell | 127855SM | Distributor |
| 82971 | 05/10/2011 | KCA0105W | BG 462 09 11 BG 463 09 11 BG 464 09 11 BG 465 09 11 BG 466 09 11 | 5 | CE2-A26 | Dash-8 400 | Thales | 11392510010 | System Integrator |
| 83103 | 07/11/2011 | KCA0105W | BG 550 09 11 BG 551 09 11 | 2 | CE2-A26 | Dash-8 400 | Thales | 53186704 | System Integrator |
| 83051 | 26/10/2011 | KCA0105W | BG 542 09 11 BG 543 09 11 BG 544 09 11 | 3 | CE2-A26 | Unknown | Thales | 53220677 | System Integrator |

Lead Assemblies - Sold as Spares

| SIRS Invoice Ref | SIRS Invoice Date | Part Number | Batch # | Qty | Aircraft Type | Customer | Customer PO | Customer Type |
|------------------------|-------------------------|----------------|---------|-----|------------------|----------------------|--------------|------------------|
| 82963 | 03/10/2011 | CE2-A26 | 30146 | 1 | N/A | Airbus SAS | IFD/26017135 | Manufacturer |
| 82921 | 21/09/2011 | CE2-A26 | 30146 | 5 | N/A | Hawker Beechcraft | 4504018779 | Manufacturer |

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B. Concurrent Requirements

Not applicable

C. Reason

In 2014, an overheating condition was reported against 'lead assembly' type CE2-A26 on 2 separate aircraft, leading to smoke emission and in one case a small fire. Both 'lead assemblies' were manufactured from the same batch of rubber material. A third 'lead assembly' from the same batch has been identified as non-conforming with surface cracks and rubber degradation. The batch reference for these parts is 30146 of total quantity 216, manufactured in July 2011.

Analysis has identified:

- The rubber material used within batch 30146 is non-conforming and failure is most likely due to material degradation and low electrical insulation resistance.
- ii. Some 'lead assemblies' manufactured between October 2005 and September 2012, have non-conforming insulation resistance values. There have been no reported failures and long term 'in-service' experience indicates these should not present an operational risk.

Prior to March 2015, 'Lead assemblies' did not have any batch or code identification marking once removed from their primary packing. Due to traceability problems, all 'lead assemblies' absent of any visual identification listed within Table 2.0 and supplied with compasses listed in Table 1.0, will require examination as per section 3.0.



Compass Configuration Diagram

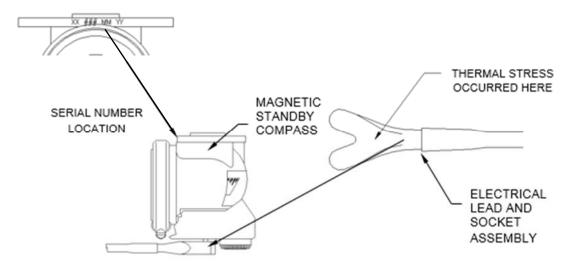


Fig. 1.0

D. Description

This Service Bulletin details the recommended action to:

- i) Remove and replace all 'lead assemblies' manufactured within batch 30146 and referenced within Table 3.0
- ii) Examine all other 'lead assemblies' where required within Table 2.0 and follow the recommended actions within section 3.0 of this document.

E. Compliance

Compasses listed in Table 3 – within 30 days from receipt of this document.

All other compasses listed in Table 1.0 – within 365 days from receipt of this document.



F. Approval

The test procedures described in this SB have been reviewed and technically approved by SIRS.

The standby compasses and lead assemblies are subject of ETSO Approval Ref: EASA.210.1008 rev A.

G. Manpower

Not applicable

H. Weight and Balance

None

I. Electrical Load Data

Not Changed

J. Software Accomplishment Summary

Not applicable

K. References

Not applicable

L. Other References Affected

Not applicable

M. Interchangeability or Intermixability of parts

Fully interchangeable.

2.0 Material Information

A. Material – Price and Availability

Material: See Table 1.0

Price: \$165.00 each* (price based upon year 2015 economic conditions).

^{*} unless within warranty period.



Availability:

SIRS Navigation Ltd Compass House – Bowes Estate Wrotham Road, Meopham Kent. DA13 0QB. England

Attn: Product Support

Tel: +44 (0) 1474-816320 Fax: +44 (0) 1474-816321 email: support@sirs.co.uk

B. Industry Support Information

This procedure must be completed by the airline or its designated repair station.

Refer to para 3.5 for reporting information

C. Material Necessary for Each Spare

Not Applicable

D. Re-identified Parts

SIRS recommend that 'lead assemblies' accepted for use – after examination, should be 'permanently marked' to identify compliance with the requirements of document SB CE2-A26-34-001.

A marking method is not specified by SIRS, but should follow safe industry standard practices.

E. Tooling – Price and Availability

Insulation Test Meter capable for 50 to 500 VDC supply with range $\geq 20M\Omega$



3.0 Accomplishment Instructions

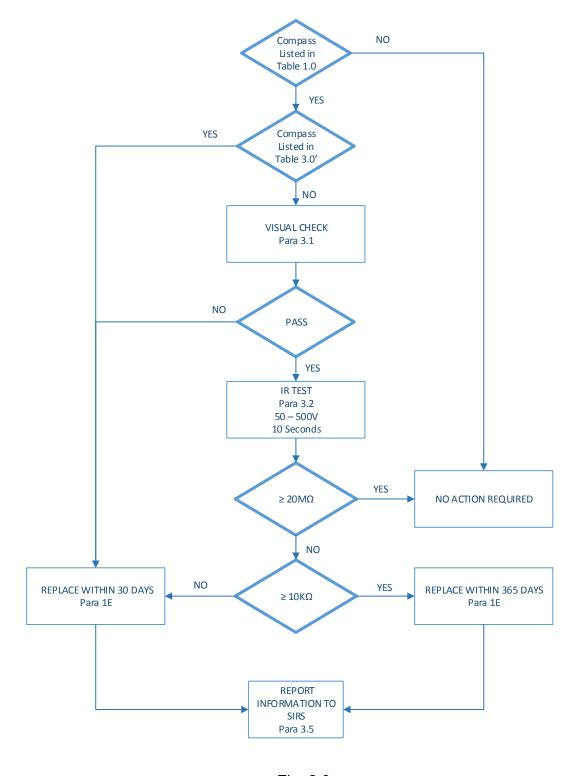
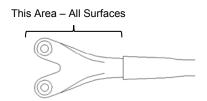


Fig. 2.0



3.1. Visual Check:

3.1.1 The rubber connector shall not show signs of cracking or splitting.



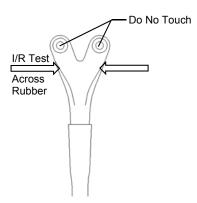
3.1.2 The rubber connector surface shall not show signs of overheating, deformation or decomposition.

The electrical lead assembly must be replaced if a condition, shown listed in para ref. 3.1.1 or 3.1.2 is observed.

3.2 Insulation Resistance Test:

NOTE: Refer to Aircraft Maintenance Manual (AMM) to disconnect or Isolate power supply to the standby compass to prevent damage to other connected devices during the Insulation resistance test.

- 3.2.1 Disconnect the 'Y' shaped socket from the Standby Compass
- 3.2.2 Complete the insulation resistance test across the rubber material as shown below. DO NOT touch the electrical sockets.



3.2.3 Check insulation resistance across the rubber material with SIRS recommended parameters:

Applied Voltage: 50-500V DC Duration: 10 seconds

Requirement: As specified within Fig 2.0



- 3.2.4 Refer to AMM for re-certification and lighting check of the standby compass.
- 3.3 Contact: SIRS Navigation Product Support
- 3.4 Replacement Codes: See Table 1.0
- 3.5 Requested information: See Appendix A. Send a copy of the examination results and actions taken to SIRS Navigation Ltd for record, evaluation and further actions (if required).

Form to be emailed to: support@sirs.co.uk

Please retain removed 'Lead Assemblies'

SIRS may request they are returned to our facility for analysis.



Appendix A

| Lead Assembly – Investigation Report Form | | | | | | | |
|---|------|---------------------------------------|--|--|--|--|--|
| Airline / User / Cust | omer | | | | | | |
| Tel# | | Email: | | | | | |
| Aircraft Location (Country) | | | | | | | |
| Aircraft Type | | A/C TailRef: | | | | | |
| Airline | | Aircraft D.O.M | | | | | |
| Compass Type | | Compass Serial # | | | | | |
| Compass Listed in SB Table 3.0 | | Yes / No | | | | | |
| Lead Assy Code. (If Known) | | Lead Assy Batch ref. (If Known) | | | | | |
| Visual examination result | | | | | | | |
| Insulation resistance value result | | | | | | | |
| Tested by: | | Date: | | | | | |
| Contact Person Email: | | | | | | | |
| Please retain removed 'Lead Assemblies' and advise SIRS of the action – SIRS may request they are returned to our facility for analysis. Upon completion please email this form to: support@sirs.co.uk | | | | | | | |