

**SOUTH AFRICAN CIVIL AVIATION AUTHORITY
AIRWORTHINESS DIVISION**

MAINTENANCE ADVISORY NOTICE

**SACAA Adoption of FAA AMOC (Alternative Means of Compliance) to FAA AD
2008-13-17**

1. PURPOSE

The purpose of this MAN (Maintenance Advisory Notice) is to allow the General Aviation Industry further time to comply with the FAA AD 2008-13-17.

2. BACKGROUND

On the 2 July 2008, the FAA published AD 2008-13-17, applicable to all Hawker Beechcraft Corporation (formerly Raytheon Aircraft Company and Beech Aircraft Corporation) F33 Series and Models G33, V33, V35B, A36, A36TC, B36TC, 95-B55, D55, E55, A56TC, 58, 58TC, G-58 and 77 aeroplanes.

SA-CARS 43.02.8 read together with **SA-CATS 43.02.8 Section A: General 3. Associated documents, Section B and Part 4 Airworthiness Directives and other Service Information** makes this AD applicable to all those affected aeroplanes registered in the Republic of South Africa. The AD became effective on 6 August 2008 and required the replacement of certain circuit breaker toggle switches with improved design circuit breaker switches within 12 months after that date.

On 6 June 2009, on request from the American Bonanza Society, the FAA issued an Alternative Means of Compliance (AMOC) for AD 2008-13-17, allowing a compliance time extension, under certain conditions, of "90 days following receipt of the last of all circuit breaker-type switches [AD 2008-13-17] required to be replaced. The reason for this allowance is that the FAA has become aware that insufficient parts are available for all the affected aeroplanes to meet the compliance time required of the AD, i.e. not later than 6 August 2009.

On 10 September 2009, the FAA issued an extension to that AMOC keeping the same conditions but allowing the switches to be ordered prior to 31 March 2010 and all switches must be installed no later than 6 August 2010.

3. PROBLEM STATEMENT

The SACAA has only recently been made aware that the same logistical problem exists for (some) aeroplanes registered in the Republic of South Africa of which there are +/- 258 affected on the register. The original AMOC does not automatically apply to all affected aeroplanes registered in the Republic of South Africa because it was requested by the American Bonanza Society but the new extension to the compliance time is not directed to the ABS but to all aircraft affected by the AD 2008-13-17.

4. PROPOSED SOLUTION

After careful consideration of the available data, the SACAA concurs with and endorses the technical content of the referenced FAA AMOC. To avoid the need to issue a deviating SACAA AD, the SACAA has decided to adopt the AMOC and extend the compliance time of FAA AD 2008-13-17, for the same period and under the same conditions as specified in the FAA decision, which is attached to, and part of this decision. Attached is also a list of the affected registrations on the South African register. There may be aircraft left out which are still affected and we would appreciate notification of such in order to update our list. We understand that many aircraft may have already complied with the Raytheon Aircraft Company Recommended Service Bulletin **SB 24-3735** and the FAA **AD 2008-13-17**.

Conditions

1. The compliance deadline for a specific aircraft is extended to no more than 90 days following the receipt of the last of all circuit breaker-type switches that the AD requires to be replaced on that aircraft.
2. "Receipt" is defined as delivery of the parts to the aircraft owner or operator's shipping address, or the shipping address of an aircraft maintenance provider on behalf of the owner or operator.
3. For this AMOC to be valid, the aircraft owner or operator must show documentation that all switch-type circuit breakers required to be replaced on the

aircraft have been ordered prior to 31 March 2010. This documentation must be in one of three forms:

- a. A hard copy confirmation of an order placed directly with Hawker Beechcraft's RAPID parts supply service that includes the owners/operators name and/or the airplane's registration, the parts number(s) on order, and the date(s) when orders were placed.
- b. A copy of a valid Work Order or Purchase Order from an aircraft maintenance provider or non-RAPID parts supplier that shows the owner or operator's name and/or the airplanes registration, the parts number(s) on order, and the date(s) when orders were placed.
- c. A letter from an aircraft maintenance provider that the order was placed on or before 31 March 2010, listing the aircraft owner or operator's name, the airplane registration, the parts number(s) on the order and the date(s) when those orders were placed. This letter must be signed by a SACAA licensed technician and include that persons licence number, or by an officer or employee of a SACAA approved Aircraft Maintenance Organisation including the AMO approval number.

This AMOC is only valid until 6 August 2010 whereby all required circuit breaker switches shall be replaced.

5. GENERAL

Before using this MAN, please notify your SACAA Airworthiness area inspector or the General Aircraft Unit at the SACAA.

The industry is to please notify this Authority if any of the circuit breaker switches in question become faulty or start to show signs of deterioration i.e. sloppiness, inability to switch ON or OFF, overheating and tripping.

6. EFFECTIVE DATE

The effective date of this advisory notice will be the date of signature by the Commissioner and will remain in force provided an acceptable level of safety exists during all aircraft operations. The Commissioner may however rescind this authority should circumstances warrant such or regulations come into force which would nullify this notice.

This Maintenance Advisory Notice is issued in the interests of aviation and public safety.



Commissioner for Civil Aviation

2009 -10- 0 9

Date

Colin Jordaan
CEO / Commissioner
South African Civil Aviation Authority



Federal Aviation Administration

Memorandum

Date: September 10, 2009

To: ACE-7; Docket No. FAA-2007-28434; Directorate Identifier 2007-CE-053-AD;
Amendment 39-15580; AD 2008-13-17

From: Robert P. Busto, Associate ACO Manager, Wichita ACO,
Electrical Systems and Avionics, ACE-119W *R.P. Busto*

Prepared by: Jose R. Flores, ACE-119W, 316-946-4133

Subject: **INFORMATION:** Alternative Method of Compliance for Airworthiness
Directive AD 2008-13-17

It has come to the attention of the Wichita ACO that parts availability continues to be an issue with meeting the compliance time requirements for AD 2008-13-17. Since parts continue to be on back order, the Wichita ACO is extending the compliance time as follows:

1. The compliance deadline for a specific aircraft is extended to no more than 90 days following receipt of the last of all circuit breaker-type switches this AD requires to be replaced on that aircraft.
2. "Receipt" is defined as delivery of the part(s) to the aircraft owner or operator's shipping address, or the shipping address of an aircraft maintenance provider on behalf of the owner or operator.
3. For this AMOC to be valid the aircraft owner or operator must show documentation that all switch-type circuit breakers required to be replaced on the aircraft have been ordered prior to March 31, 2010. This documentation must be in one of three forms:
 - a. A hard copy confirmation of an order placed directly with Hawker Beechcraft's RAPID parts supply service that includes the owner/operator's name and/or the airplane's registration, the parts number(s) on order, and the date(s) when orders were placed.
 - b. A copy of a valid Work Order or Purchase Order from an aircraft maintenance provider or non-RAPID parts supplier that shows the owner or operator's name and/or the airplane's registration, the parts number(s) on order, and the date(s) when orders were placed.
 - c. A letter from an aircraft maintenance provider that the order was placed on or before March 31, 2010, listing the aircraft owner or operator's name, the

airplane's registration, the parts number(s) on the order and the date(s) when those orders were placed. This letter must be signed by an FAA certificated mechanic holding Inspection Authorization and include that person's certificate number, or by an officer or employee of an FAA certificated Repair Station including the repair station certificate number.

This AMOC is only valid until August 6, 2010.

This AMOC is transferable.

Before using this AMOC, notify your appropriate Principal Inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

This approval is subject to the following conditions: If in the future the ACO determines that this AMOC does not provide an acceptable level of safety, the ACO may revoke or revise the terms of the AMOC following notice to the requester and a seven-day opportunity for the requester to comment on the revocation or proposed revision.

By the authority granted to me by the Manager, Wichita ACO, I approve the above compliance time extension as an Alternative Method of Compliance. This AMOC is acceptable for all Hawker Beechcraft Airplane Models identified in AD 2008-13-17.

F33A	ZS-DEL	CE-290
	ZS-IHI	CE-313
	ZS-INH	CE-354
	ZS-JBE	CE-364
	ZS-JEA	CE-344
	ZS-JXZ	CE-680
	ZS-KBA	CE-474
	ZS-KHC	CE-865
	ZS-KHE	CE-865
	ZS-KJL	CE-879
	ZS-KLG	CE-900
	ZS-KLY	CE-930
	ZS-LFJ	CE-990
	ZS-LVT	CE-1178
	ZS-LXJ	CE-1214
	ZS-LXU	CE-1221
	ZS-MET	CE-1521
	ZS-MEZ	CE-1306
	ZS-MJU	CE-1387
	ZS-MMS	CE-1397
	ZS-MRM	CE-1484
	ZS-MYB	CE-1360
	ZS-MZC	CE-1549
	ZS-NAD	CE-1629
	ZS-NAF	CE-1553
	ZS-NFF	CE-1691
	ZS-OGD	CE-337
	ZS-OJB	CE-442
	ZS-PEC	CE-497
	ZS-PJC	CE-349
	ZS-PJK	CE-1121
	ZS-RMA	CE-528
	ZS-TVRR	CE-1617

F33/G33 ZS-MYM CD-1278

F33C NIL ON REG

V35B	ZS-ECA	D-9279
	ZS-IBG	D-9074
	ZS-IBH	D-9085
	ZS-IHL	D-9159
	ZS-IHS	D-9165
	ZS-IME	D-9218
	ZS-IMF	D-9222
	ZS-IMZ	D-9278
	ZS-JFG	D-9697
	ZS-JFP	D-9734
	ZS-JJZ	D-9780
	ZS-JPI	D-9903
	ZS-JXS	D-9927
	ZS-JYB	D-9975
	ZS-JYY	D-9113
	ZS-KAE	D-10028
	ZS-KAN	D-10057
	ZS-KCC	D-10098

ZS-KCG D-10111
ZS-KCU D-10160
ZS-KJO D-10292
ZS-KLD D-10332
ZS-KMV D-10359
ZS-PMG D-9480
ZS-VMF D-9318

A36TC ZS-DDS EA-130
ZS-KLA EA-44
ZS-KLI EA-81
ZS-KLX EA-152
ZS-KZH EA-122
ZS-LBA EA-246
ZS-LFC EA-267

B36TC ZS-LFR EA-286
ZS-MGV EA-508
ZS-NUD EA-588
ZS-BBB EA-583
ZS-LIR EA-355
ZS-MPB EA-439
ZS-PHY EA-579
ZS-TAF EA-595
ZS-OOA EA-665
ZS-SVM EA-610

A36 ZS-AND E-270
ZS-BDR E-3539
ZS-CHH E-3494
ZS-CMC E-2945
ZS-DEN E-2867
ZS-DMX E-2471
ZS-DNL E-3403
ZS-IMK E-273
ZS-INC E-301
ZS-JFN E-646
ZS-JFU E-671
ZS-JKA E-701
ZS-JLM E-769
ZS-JPC E-792
ZS-JPJ E-882
ZS-JXU E-900
ZS-JYJ E-1013
ZS-KAD E-1070
ZS-KAJ E-1102
ZS-KCI E-1201
ZS-KCN E-3214
ZS-KGR E-1403
ZS-KGY E-1501
ZS-KLN E-1727
ZS-KNU E-721
ZS-KZA E-1834
ZS-LAZ E-1882
ZS-LES E-418
ZS-LEY E-674

ZS-LOY E-1361
ZS-LRF E-2193
ZS-MKS E-1854
ZS-NFI E-2712
ZS-NJJ E-2449
ZS-PAV E-3487
ZS-PEW E-272
ZS-PJT E-2737
ZS-PNY E-2210
ZS-PXC E-462
ZS-PZG E-1928
ZS-SLH E-3598
ZS-SNY E-3619
ZS-SVJ E-2937
ZS-TAW E-2967

95-B55 ZS-JPH TC-1967
ZS-JYC TC-2022
ZS-KCP TC-2156
ZS-KLE TC-2319
ZS-KZE TC-2386
ZS-LFO TC-2438
ZS-LIV TC-2411
ZS-LIX TC-2434
ZS-LWO TC-2115

D55 ZS-FKR TE-606
ZS-FWB TE-726
ZS-PGK TE-631

E55 ZS-DVN TE-830
ZS-HEO TE-822
ZS-IHT TE-827
ZS-IMN TE-846
ZS-IMP TE-821
ZS-ITI TE-853
ZS-JFK TE-1017
ZS-JFL TE-1026
ZS-JFR TE-1040
ZS-JFX TE-1044
ZS-KGU TE-1148
ZS-KYY TE-937
ZS-MFD TE-1176
ZS-MJV TE-1182
ZS-NCT TE-939
ZS-PTB TE-904
ZS-PTC TE-888
ZS-SLW TE-1088
ZS-SRG TE-884
ZS-WLO TE-1009

A56TC NIL ON REG

58 ZS-AAS TH-171
ZS-ABS TH-67
ZS-ALH TH-130

ZS-BEF	TH-1250
ZS-BMG	TH-250
ZS-BPD	TH-1366
ZS-CHL	TH-322
ZS-EGO	TH-1191
ZS-FBT	TH-76
ZS-GLS	TH-497
ZS-GMA	TH-17
ZS-GOS	TH-91
ZS-GSB	TH-378
ZS-HWW	TH-176
ZS-IHX	TH-94
ZS-INW	TH-215
ZS-JEB	TH-75
ZS-JGY	TH-303
ZS-JIJ	TH-562
ZS-JJV	TH-626
ZS-JPE	TH-705
ZS-JPF	TH-643
ZS-JPG	TH-737
ZS-JPM	TH-639
ZS-JXV	TH-770
ZS-JYD	TH-795
ZS-KCA	TH-871
ZS-KCD	TH-241
ZS-KCJ	TH-920
ZS-KCS	TH-929
ZS-KLF	TH-1119
ZS-KLL	TH-1161
ZS-KLU	TH-1197
ZS-KMN	TH-153
ZS-KMO	TH-1207
ZS-KZG	TH-1234
ZS-LAX	TH-1268
ZS-LEN	TH-384
ZS-LET	TH-475
ZS-LIO	TH-1358
ZS-LRH	TH-1415
ZS-LSW	TH-1505
ZS-LUP	TH-1437
ZS-LWT	TH-1409
ZS-LXO	TH-886
ZS-LXR	TH-477
ZS-LYN	TH-495
ZS-LZB	TH-1144
ZS-MAT	TH-140
ZS-MBT	TH-129
ZS-MCY	TH-764
ZS-MDJ	TH-391
ZS-MFG	TH-1466
ZS-MJF	TH-817
ZS-MKF	TH-1310
ZS-MKR	TH-239
ZS-MKT	TH-629
ZS-MRK	TH-1168
ZS-MRL	TH-1156

ZS-MUY TH-583
ZS-MVB TH-613
ZS-MXC TH-747
ZS-MZA TH-1618
ZS-NAB TH-1164
ZS-NAH TH-1171
ZS-NAU TH-1648
ZS-NAZ TH-1325
ZS-NBU TH-1216
ZS-NCN TH-961
ZS-NFZ TH-1279
ZS-NGH TH-1226
ZS-NGT TH-1266
ZS-NKM TH-1664
ZS-NUA TH-1046
ZS-NVT TH-1413
ZS-NZL TH-1806
ZS-OAB TH-622
ZS-OGB TH-614
ZS-OMR TH-135
ZS-ONW TH-163
ZS-OVB TH-2013
ZS-OXA TH-789
ZS-OZT TH-1386
ZS-PBK TH-1492
ZS-PCB TH-1936
ZS-PXD TH-1474
ZS-RCL TH-177
ZS-SFO TH-775
ZS-SLN TH-1062
ZS-TBZ TH-357
ZS-TNT TH-1670
ZS-TVT TH-1962

58P ZS-DIX TJ-85
ZS-KCF TJ-140
ZS-KCO TJ-119
ZS-KJM TJ-202
ZS-KML TJ-199
ZS-KMS TJ-286
ZS-KMZ TJ-323
ZS-KZC TJ-353
ZS-LSS TJ-277
ZS-MNH TJ-329

58TC ZS-JXW TK-32
ZS-KLP TK-129
ZS-LIY TK-119
ZS-MFF TK-148

G58 ZS-TMA TH-2234 AD NOT APPLICABLE

77 NIL ON REG